

Preliminary 305b/303d Assessments  
2010 Assessment Cycle  
MPCA



**Minnesota Pollution Control Agency**

AUID	Category	Miles	Reach Name	Basin: CD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

**HUC: 07080201      DNR Major: 48      HUC NAME: CEDAR RIVER**

07080201-501	5B	10.3	Cedar River	Rose Cr to Woodbury Cr	2B, 3B
MNPCA1	S000-136		Cedar River at csah-4, 3 miles south of austin		14
MNPCA1	S000-136		Cedar River at csah-4, 3 miles south of austin	LAKE	1
MNPCA1	S000-136		Cedar River at csah-4, 3 miles south of austin	MERCLKS/	5
MNPCA1	S000-136		Cedar River at csah-4, 3 miles south of austin	MILE	45
MNPCA1	S000-136		Cedar River at csah-4, 3 miles south of austin	CEDARRIV	38
MNPCA1	S000-222		Cedar River on csah-5 4.5 mi nw of lyle	MERCLKS/	6
MNPCA1	S001-381		cedar r 3.5 mi s of austin, mn	CSMP	16
MPCAB	04CD002		Cedar River; East of Hwy 105, 6 miles S of Austin	EMAP	1
MPCAB	04CD024		Cedar River; Upstream of Hwy 6, 3 miles NW of Lyle	EMAP	1

Aquatic life      NS      =Arsenic FS 0/10[3] =Cadmium FS 0/10[3] =Chromium FS 0/7[2] =Copper FS 0/10[3] DO12 -- 0/49[7] DO5\_All FS 0/26[4] DO7 FS 0/23[7] +DOFinal IF[[2]] =Lead FS 0/10[3] =Mercury FS 0/10[3] +Nickel FS 0/10[3] =pH FS 2/94[7] \$Turbid\_TT\_TSS NS 20/49[7](20/49[7] 15/46[3] 3/18[2]) +Un-ionized ammonia FS 0/35[7] =Zinc FS 0/10[3]

Aquatic recreation      NS      !!!E. coli NS 3/28Ind 0/0mo

Ecoregion norms      EX      +BOD5 OK 0/11[3] =NO2&NO3 EX 30/39[7] =Phosphorus EX 11/26[6]

07080201-502	5B	4.8	Cedar River	Roberts Cr to Upper Austin Dam	2B, 3B
MNPCA1	S000-137		Cedar River at csah-2, 0.5 miles east of lansing	MILE	44
MNPCA1	S000-137		Cedar River at csah-2, 0.5 miles east of lansing		14
MNPCA1	S000-137		Cedar River at csah-2, 0.5 miles east of lansing	MERCLKS/	5

Aquatic life      NS      =Arsenic FS 0/5[2] =Cadmium FS 0/5[2] =Chromium FS 0/5[2] =Copper FS 0/5[2] DO12 -- 0/45[7] DO5\_All FS 0/23[4] DO7 FS 0/22[7] +DOFinal IF[[1]] =Lead FS 0/5[2] =Mercury FS 0/5[2] +Nickel FS 0/5[2] =pH FS 1/88[7] \$Turbid\_TT\_TSS NS 11/46[7](11/46[7] --/--[ ] 0/4[2]) +Un-ionized ammonia FS 0/36[7] =Zinc FS 0/5[2]

Aquatic recreation      IF      \$E. coli IF 2/27Ind 0/0mo

Ecoregion norms      EX      =BOD5 OK 0/16[4] =NO2&NO3 EX 24/37[7] =Phosphorus OK 2/38[7]

07080201-503	5B	28.6	Cedar River	Headwaters to Roberts Cr	2B, 3B
MNPCA1	S000-060		cedar r. csah-1 w of waltham	CEDARRIV	40
MNPCA1	S000-803		Cedar River - 2.3 mi se of blooming prairie	CEDAR-S	14
MNPCA1	S000-803		Cedar River - 2.3 mi se of blooming prairie	CEDARRIV	40
MNPCA1	S000-804		e fork cedar r on csah-2 e of blooming prairie	CEDAR-S	15
MPCAB	04CD003		Cedar River; Downstream of Hwy 5 bridge, 4 miles SW of Hayfield	EMAP	1
MPCAB	04CD018		Cedar River; Downstream of Hwy 2, SE 2 miles from Blooming Prairie	EMAP	1
MPCAB	04CD023		Cedar River; Upstream of Hwy 2, 1.5 miles N of Lansing	EMAP	1

Aquatic life      FS      +pH FS 0/36[2] =Turbid\_TT\_TSS FS 3/67[4](2/18[2] 1/31[2] 0/18[1])

Ecoregion norms      EX      +NO2&NO3 EX 10/24[2] +Phosphorus EX 2/14[2]

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<b>07080201-504</b>	<b>5C</b>	<b>5.8</b>	<b>Roberts Creek</b>	<b>Unnamed cr to Cedar R</b>	<b>2C</b>
MNPCA1	S000-807		Roberts Creek on road 2.2 mi ne of lansing		CEDARRIV 40
MNPCA1	S001-182		roberts ck at twp rd 4.2 mi nw of brownsdale		CEDAR-S 15
MNPCA1	S001-684		roberts ck, .4 mi n of csah 2 in sec 6, 7 mi n of austin		CSMP 77
MPCAB	04CD033		Roberts Creek; downstream of Hwy 16, 2 miles E of Lansing		EMAP 1

Aquatic life NS +pH FS 0/32[2] !!!Turbid\_TT\_TSS NS 15/133[8](2/16[2] 13/108[7] 0/9[1])  
 Ecoregion norms EX +NO2&NO3 EX 5/11[2] +Phosphorus OK 0/11[2]

<b>07080201-510</b>	<b>5C</b>	<b>11.2</b>	<b>Wolf Creek</b>	<b>Headwaters to Cedar R</b>	<b>2C</b>
MNPCA1	S003-064		wolf ck at hwy 16 0.1 mi n of austin		CEDAR-S 14
MNPCA1	S003-064		wolf ck at hwy 16 0.1 mi n of austin		CEDARRIV 40

Aquatic life FS +pH FS 0/28[1] =Turbid\_TT\_TSS FS 4/54[3](3/14[1] 1/31[2] 0/9[1])  
 Ecoregion norms EX +NO2&NO3 EX 4/10[1] +Phosphorus OK 0/10[1]

<b>07080201-515</b>	<b>4A</b>	<b>3.0</b>	<b>Cedar River</b>	<b>Turtle Cr to Rose Cr</b>	<b>2B, 3B</b>
MNPCA1	S000-001		Cedar River 1.5 mi s of austin		LOADSTDY 62
MNPCA1	S000-001		Cedar River 1.5 mi s of austin		MDAWQMP 18

Aquatic life NS +Chloride FS 0/57[2] DO12 -- 0/60[2] DO5\_9am FS 0/8[2] DO5\_All FS 0/41[2] DO7 FS 0/19[2] +DOFinal IF[[2]] +pH FS 4/118[2] !!!Turbid\_TT\_TSS NS  
 12/58[2](12/58[2] 6/12[4] --/--[2]) +Un-ionzed ammonia FS 0/36[1]  
 Ecoregion norms EX +NO2&NO3 EX 62/77[5] +Phosphorus EX 20/75[5]

<b>07080201-517</b>	<b>5C</b>	<b>14.3</b>	<b>Otter Creek</b>	<b>Headwaters to MN/IA border</b>	<b>2B, 3B</b>
MNPCA1	S003-068		otter ck 0.5 mi n of mn/ia border 1 mi e of lyle		CEDARRIV 40
MPCAB	04CD031		Otter Creek; downstream of Hwy 6, 1 mile of NE of Lyle		EMAP 1
MPCAB	04CD040		Otter Creek; 3 miles NE of Lyle		biocriteria 1
MPCAB	07CD005		Otter Creek; Downstream of 590 Ave, 4 mi. NE of Lyle		ref. ditches 1

Aquatic life FS =Turbid\_TT\_TSS FS 0/52[4](0/3[2] 0/31[2] 0/18[1])

<b>07080201-522</b>	<b>5C</b>	<b>27.0</b>	<b>Rose Creek</b>	<b>Headwaters to Cedar R</b>	<b>2C</b>
MNPCA1	S000-229		rose ck at csah-29 3 mi s of austin		CEDARRIV 40
MNPCA1	S000-229		rose ck at csah-29 3 mi s of austin		CEDAR-S 13
MPCAB	04CD001		Rose Creek; Downstream of Hwy 3 bridge, 3 miles NE of Rose Creek		EMAP 1
MPCAB	04CD012		Rose Creek; Upstream of Hwy 4, 3 miles SE of Austin		EMAP 1

Aquatic life NS +pH FS 1/30[2] !!!Turbid\_TT\_TSS NS 10/55[4](3/15[2] 6/31[2] 1/9[1])  
 Ecoregion norms EX +NO2&NO3 EX 7/13[2] +Phosphorus OK 1/13[2]

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<b>07080201-526</b>	<b>5C</b>	<b>15.1</b>	<b>Woodbury Creek</b>		<b>Headwaters to Cedar R</b>	<b>2C</b>	
MNPCA1	S000-231		woodbury ck at mn-105 3 mi w of lyle			CEDARRIV	40
MNPCA1	S004-868		woodbury ck at csah-6, 3.5 mi w of lyle			CEDAR-S	14
Aquatic life	FS		+pH FS 0/26[1] =Turbid_TT_TSS FS 3/54[3](2/14[1] 1/31[2] 0/9[1])				
Ecoregion norms	EX		+NO2&NO3 EX 6/10[1] +Phosphorus OK 0/10[1]				
<b>07080201-531</b>	<b>3A</b>	<b>4.6</b>	<b>Unnamed creek</b>		<b>Headwaters to Cedar R</b>	<b>7</b>	
MNPCA1	S003-069		blooming prairie trib 0.2 mi n of cr 1 8.6 mi nw of austin			CEDARRIV	40
MNPCA1	S003-069		blooming prairie trib 0.2 mi n of cr 1 8.6 mi nw of austin			CEDAR-S	15
Limited Use Waters	IF		+pH FS 0/30[1]				
<b>07080201-533</b>	<b>5C</b>	<b>2.7</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Cedar R</b>	<b>2B, 3B</b>	
MNPCA1	S003-077		cedar r trib at hwy 25 in lansing 3.75 mi n of austin			CEDARRIV	21
MNPCA1	S003-078		cedar r trib at cr 2 in lansing 3.75 mi n of austin			CEDAR-S	15
MNPCA1	S003-078		cedar r trib at cr 2 in lansing 3.75 mi n of austin			CEDARRIV	21
Aquatic life	FS		+pH FS 0/30[1] +Turbid_TT_TSS FS 3/36[2](2/15[1] 1/21[1] --/--[--])				
Ecoregion norms	EX		+NO2&NO3 EX 10/10[1] +Phosphorus OK 0/10[1]				
<b>07080201-535</b>	<b>5C</b>	<b>1.2</b>	<b>Dobbins Creek</b>		<b>T103 R18W S36, east line to East Side Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-065		dobbins ck at the nature center in austin			CEDARRIV	40
MNPCA1	S003-065		dobbins ck at the nature center in austin			CSMP	40
MNPCA1	S005-282		dobbins ck (dobbins ck, nb) at covered brg in nature center			CEDAR-S	14
Aquatic life	NS		!!!Turbid_TT_TSS NS 20/103[6](--/--[--] 20/85[6] 0/18[1])				
<b>07080201-537</b>	<b>5A</b>	<b>0.7</b>	<b>Dobbins Creek</b>		<b>East Side Lk to Cedar R</b>	<b>2B, 3B</b>	
MNPCA1	S003-066		dobbins ck at 12th st se in austin			CEDARRIV	40
Aquatic life	NS		\$Turbid_TT_TSS NS 8/49[2](--/--[--] 8/31[2] 0/18[1])				
<b>07080201-538</b>	<b>3A</b>	<b>12.5</b>	<b>Turtle Creek</b>		<b>T103 R20W S2, north line to T103 R18W S32, south line</b>	<b>2C</b>	
MNPCA1	S004-430		turtle ck at csah-30 brg, 1.2 mi s of maple island			TURTLECK	18
MNPCA1	S004-432		turtle ck (jd24) at 43rd st brg, 2 mi nw of austin			TURTLECK	18
MPCAB	04CD006		Turtle Creek; 1 mile S of Hwy 25, 1.5 miles NW of Austin			EMAP	1
Aquatic life	NS		!!!Turbid_TT_TSS NS 11/20[2](0/2[2] 11/18[1] --/--[--])				
Ecoregion norms	EX		+NO2&NO3 EX 13 34[2] +Phosphorus OK 1/18[2]				

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<b>07080201-539</b>	<b>5C</b>	<b>1.1</b>	<b>Orchard Creek</b>		<b>T101 R18W S5, north line to Cedar R</b>		<b>2B, 3B</b>	
MNPCA1	S003-067		orchard ck at hwy 105 s 4.5 mi s of austin				CEDAR-S 14	
MNPCA1	S003-067		orchard ck at hwy 105 s 4.5 mi s of austin				CEDARRIV 40	
Aquatic life	FS	+pH FS 0/28[1] =Turbid_TT_TSS FS 3/63[3](2/14[1] 1/31[2] 0/18[1])						
Ecoregion norms	EX	+NO2&NO3 EX 5/10[1] +Phosphorus OK 0/10[1]						
<b>07080201-540</b>	<b>5A</b>	<b>3.0</b>	<b>Turtle Creek</b>		<b>T102 R18W S4, north line to Cedar R</b>		<b>2B, 3B</b>	
MNPCA1	S000-230		turtle ck at csah-23 (4th drive sw) at austin				CSMP 303	
MNPCA1	S000-230		turtle ck at csah-23 (4th drive sw) at austin				CEDARRIV 38	
MPCAB	04CD010		Turtle Creek; Downstream of Hwy 105 in the SW corner of Austin				EMAP 1	
Aquatic life	NS	\$Turbid_TT_TSS NS 238/346[9](1/1[1] 225/331[9] 12/14[1])						
<b>07080201-546</b>	<b>3A</b>	<b>2.8</b>	<b>Deer Creek</b>		<b>Ditch to Turtle Cr</b>		<b>2B, 3B</b>	
MNPCA1	S004-429		deer ck at 270th st brg, 1 mi s of maple island				TURTLECK 18	
MPCAB	04CD027		Deer Creek; downstream of Hwy 251, SE of Maple Island				EMAP 2	
MPCAB	07CD001		Deer Creek; Downstream of 270th St, 1 mi. S of Maple Island				ref. ditches 1	
Aquatic life	NS	!!!Turbid_TT_TSS NS 4/21[2](0/3[2] 4/18[1] --/--)						
Ecoregion norms	EX	+NO2&NO3 EX 11/20[2] +Phosphorus EX 4/19[2]						
<b>07080201-553</b>	<b>3A</b>	<b>5.6</b>	<b>Murphy Creek</b>		<b>Headwaters to Cedar R</b>		<b>2C</b>	
MNPCA1	S004-867		murphy ck at taylor ave in maplevue				CEDAR-S 15	
Aquatic life	IF	+pH FS 0/28[1]						
Ecoregion norms	OK	+NO2&NO3 OK 1/11[1] +Phosphorus OK 1/11[1]						
<b>07080201-572</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek</b>		<b>JD 24 to Turtle Cr</b>		<b>2B, 3B</b>	
MNPCA1	S004-431		unn str (rice 1 br) at csah-30, 2.5 mi s of maple island				TURTLECK 18	
Ecoregion norms	EX	+NO2&NO3 EX 13 16[1] +Phosphorus EX 4/16[1]						
<b>07080201-573</b>		<b>4.3</b>	<b>Judicial Ditch #5</b>		<b>Headwaters to Cedar R</b>		<b>2B, 3B</b>	
MNPCA1	S004-869		jd-5 at csah-25, 3.5 mi n of austin				CEDAR-S 15	
Aquatic life	IF	+pH FS 0/30[1]						
Ecoregion norms	EX	+NO2&NO3 EX 10/10[1] +Phosphorus OK 0/10[1]						

HUC: 07080202

DNR Major: 49

HUC NAME: SHELL ROCK RIVER

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Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

07080202-501	5B	12.1	Shell Rock River	Albert Lea Lk to Goose Cr	2B, 3B
MNPCA1	S000-084		shell rock r br on csah-1 1 mi w of gordonville		MILE 45
MNPCA1	S000-084		shell rock r br on csah-1 1 mi w of gordonville		SHROCK-S 2
MNPCA1	S000-084		shell rock r br on csah-1 1 mi w of gordonville		14
MNPCA1	S001-011		shell rock r at mn-65 1 mi se of glenville		MERCLKS/ 5
MNPCA1	S004-113		shell rock r at csah-13 (main st) in glenville		SHROCK-S 2
MNPCA1	S004-113		shell rock r at csah-13 (main st) in glenville		SHELLROC 24
MNPCA1	S005-117		shell rock r at cr-84, 3 1/4 mi se of albert lea		LOADSTDY 1
MPCAB	04CD015		Shell Rock River; Downstream of Hwy 7, 2 miles S of Glenville		EMAP 1
MPCAB	04CD017		Shell Rock River; At Hwy 13 bridge in Glenville		EMAP 1
MPCAB	04CD037		Shell Rock River; ~1 mile downstream of Albert Lea Lake		EMAP 1

Aquatic life NS =Arsenic FS 0/5[2] =Cadmium FS 0/5[2] =Copper FS 0/5[2] DO12 -- 1/74[9] DO5\_9am FS 0/1[1] DO5\_All FS 1/46[6] DO7 FS 0/28[9] +DOFinal IF[[1]] =Lead FS 0/5[2] =Mercury FS 0/5[2] +Nickel FS 0/5[2] \$pH FS 14/144[9] \$Turbid\_TT\_TSS NS 29/52[8](29/52[8] 9/23[2] --/--[--]) +Un-ionzed ammonia FS 0/37[8] =Zinc FS 0/5[2]

Aquatic recreation IF \$E. coli IF 0/28Ind 0/0mo

Ecoregion norms EX =BOD5 EX 12/16[4] =NO2&NO3 EX 7/45[8] =Phosphorus EX 38/65[9]

07080202-504	3A	0.3	Shell Rock River	Fountain Lk to Albert Lea Lk	2B, 3B
MNPCA1	S004-119		shell rock r at e main st in albert lea, minnesota		SHELLROC 24
MNPCA1	S004-119		shell rock r at e main st in albert lea, minnesota		SHROCK-S 2

Aquatic life NS DO12 -- 0/26[3] DO5\_All FS 0/21[3] DO7 FS 0/5[2] +DOFinal IF[[0]] +pH FS 6/52[3] !!!Turbid\_TT\_TSS NS 6/26[3](1/2[1] 5/24[2] --/--[--])

Ecoregion norms EX +Phosphorus EX 4/26[3]

07080202-507	3A	6.6	Bancroft Creek (County Ditch 63)	CD 63 to Fountain Lk	2C
MNPCA1	S004-120		bancroft ck at plaza st. in albert lea		SHELLROC 24
MNPCA1	S004-120		bancroft ck at plaza st. in albert lea		SHROCK-S 2

Aquatic life NS DO12 -- 0/26[3] DO5\_All FS 0/21[3] DO7 FS 0/5[2] +DOFinal IF[[0]] +pH FS 0/52[3] !!!Turbid\_TT\_TSS NS 4/26[3](0/2[1] 4/24[2] --/--[--])

Ecoregion norms EX +Phosphorus EX 3/26[3]

07080202-512	3A	0.9	Peter Lund Creek	CD 32 to Albert Lea Lk	2B, 3B
MNPCA1	S004-115		peter lund ck at 800th ave, w of hayward		SHROCK-S 2
MNPCA1	S004-115		peter lund ck at 800th ave, w of hayward		SHELLROC 24

Aquatic life NS DO12 -- 2 26[3] DO5\_All FS 2/21[3] DO7 FS 0/5[2] +DOFinal IF[[0]] +pH FS 0/52[3] !!!Turbid\_TT\_TSS NS 5/26[3](2/2[1] 3/24[2] --/--[--])

Ecoregion norms EX +Phosphorus EX 3/26[3]

07080202-513	3A	2.5	County Ditch 16	Unnamed ditch to Albert Lea Lk	2B, 3B
MNPCA1	S004-116		northeast ck at i-90 rest stop, 4 mi ne of albert lea		SHELLROC 24
MNPCA1	S004-116		northeast ck at i-90 rest stop, 4 mi ne of albert lea		SHROCK-S 2

Aquatic life FS DO12 -- 0/26[3] DO5\_All FS 0/21[3] DO7 FS 0/5[2] +DOFinal IF[[0]] +pH FS 0/52[3] +Turbid\_TT\_TSS FS 1/26[3](0/2[1] 1/24[2] --/--[--])

Ecoregion norms OK +Phosphorus OK 1/26[3]

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<b>07080202-514</b>	<b>3A</b>	<b>1.3</b>	<b>County Ditch 68</b>		<b>Unnamed ditch to Mud Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-117		unn ck (mud ck) at cr-71, 2 mi w of albert lea				SHROCK-S 2
MNPCA1	S004-117		unn ck (mud ck) at cr-71, 2 mi w of albert lea				SHELLROC 24

Aquatic life NS DO12 -- 1/26[3] DO5\_9am FS 0/6[2] DO5\_All FS 0/21[3] DO7 NS 1/5[2] +DOFinal IF[[1]] +pH FS 0/52[3] +Turbid\_TT\_TSS FS 2/26[3](1/2[1] 1/24[2] --/--[--])  
 Ecoregion norms OK +Phosphorus OK 1/26[3]

<b>07080202-516</b>	<b>3A</b>	<b>3.1</b>	<b>Unnamed creek</b>		<b>Mud Lk to Fountain Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-114		unn ck (schoff ck) at lk chapeau dr in albert lea				SHROCK-S 2
MNPCA1	S004-114		unn ck (schoff ck) at lk chapeau dr in albert lea				SHELLROC 24

Aquatic life NS DO12 -- 1/26[3] DO5\_9am FS 0/6[1] DO5\_All FS 1/21[3] DO7 FS 0/5[2] +DOFinal IF[[1]] +pH FS 0/52[3] !!!Turbid\_TT\_TSS NS 15/26[3](1/2[1] 14/24[2] --/--[--])  
 Ecoregion norms EX +Phosphorus EX 10/26[3]

<b>07080202-531</b>		<b>1.5</b>	<b>Unnamed creek</b>		<b>T103 R22W S36, north line to Unnamed ditch</b>		<b>2B, 3B</b>
MNPCA1	S004-121		unn ck (wedge's ck) w of mn-13 near albert lea				SHROCK-S 2
MNPCA1	S004-121		unn ck (wedge's ck) w of mn-13 near albert lea				SHELLROC 24

Aquatic life FS DO12 -- 0/26[3] DO5\_9am FS 0/15[2] DO5\_All FS 0/21[3] DO7 FS 0/5[2] +DOFinal FS[[2]] +pH FS 0/52[3]

AUID	Category	Miles	Reach Name	Basin: DM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

**HUC: 07100001**

**DNR Major:**

**HUC NAME:**

07100001-501	5A	24.9	Des Moines River	Windom Dam to Jackson Dam	2B, 3B
MNPCA1	S000-481		w fk des moines r at us-71 at windom		WF_DES_M 32
MNPCA1	S000-891		w desmoines r-sct line btn 7/18 3 mi s of windom		WF_DES_M 6
MNPCA1	S000-894		w fk des moines r at mn-60 in windom		WF_DES_M 91
MNPCA1	S000-904		w fk des moines r at csah-16 4.5 mi n of jackson		CSMP 6
MNPCA1	S001-802		w fk des moines r, 3/4 mi e of csah-17, 8 mi se of windom		CSMP 66
MNPCA1	S001-805		w fk des moines r, 1/4 mi w of 1st brg on sprg pkwy, jackson		CSMP 108
MNPCA1	S001-813		w fk des moines r, at csah-30, 5 mi sw of windom		CSMP 113
MPCAB	04DM024		Des Moines River; @ Hwy 17, 4 miles S. of Windom		EMAP 1
MPCAB	04DM043		Des Moines River; 6 miles NW of Jackson		EMAP 1

Aquatic life NS =pH FS 4/180[5] \$Turbid\_TT\_TSS NS 76/86[6](76/86[6] 254/273[8] 2/2[1]) \$Un-ionized ammonia FS 0/75[4]

Ecoregion norms EX =BOD5 EX 61/79[4] =NO2&NO3 EX 17/107[5] =Phosphorus EX 26/82[5]

07100001-502	5C	28.4	Lake Shetek Inlet	Headwaters to Lk Shetek	2B, 3B
MNPCA1	S001-546		lk shetek inlet at us-59, 3 mi s-se of garvin		CWPLKSHE 14
MNPCA1	S001-552		des moines r, 1 mi s of us-14, 1.5 mi e of balaton		CWPLKSHE 9
MPCAB	04DM006		County Ditch #26; downstream of Hwy 20, 4 miles SW of Balaton		EMAP 1
MPCAB	04DM026		County Ditch No. 48; Upstream of CR 63, 2 miles S. of Balaton		EMAP 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 7/25[3](0/1[1] --/--[ ] 7/24[2])

Ecoregion norms EX +NO2&NO3 EX 5/21[3] +Phosphorus OK 1/15[3]

07100001-503	5A	30.7	Beaver Creek	CD 20 to Des Moines R	2B, 3B
MNPCA1	S001-810		beaver ck, at cr-86, 1 1/2 mi n of slayton		CSMP 22
MNPCA1	S002-005		beaver ck at mn-30 brg, 1.75 mi w of currie		MDAWQMP 8
MNPCA1	S002-005		beaver ck at mn-30 brg, 1.75 mi w of currie		WF_DES_M 84
MNPCA1	S002-005		beaver ck at mn-30 brg, 1.75 mi w of currie		BEAVERCK 61
MPCAB	04DM001		Beaver Creek; East of Hwy 30, 1.5 miles N of Slayton		EMAP 1
MPCAB	04DM012		Beaver Creek; Upstream of Hwy 30, 4 miles NW of Slayton		EMAP 2

Aquatic life NS DO12 -- 21/60[5] DO5\_9am NS 3/4[2] DO5\_All NS 21/36[4] DO7 FS 0/24[4] !!!DOFinal NS[[2]] =pH FS 0/284[6] \$Turbid\_TT\_TSS NS 90/142[6](90/142[6] 14/25[6] --/--[ ]) +Un-ionized ammonia FS 0/48[4]

Aquatic recreation IF \$E. coli IF 0/26Ind 0/1mo

Ecoregion norms EX =BOD5 OK 2/81[4] =NO2&NO3 EX 102/136[6] =Phosphorus EX 18/148[6]



AUID	Category	Miles	Reach Name	Basin: DM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location			Project	#Sample Dates	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						
<b>07100001-505</b>	<b>5C</b>	<b>43.2</b>	<b>Jack Creek, North Branch</b>		<b>Headwaters to Jack Cr</b>	<b>2B, 3B</b>		
MNPCA1	S001-592		unn trib to jack ck at csah-2 brg, 2 mi w of fulda				CSMP	22
MPCAB	04DM022		trib. to Jack Creek; Downstream of Hwy 2, 3 miles W of Fulda				EMAP	1
MPCAB	04DM032		Unnamed ditch; Upstream of CR 63, 4 miles SE of Iona				EMAP	1
MPCAB	04DM033		trib. to Jack Creek; Downstream of TH 59, 4 miles SE of Fulda				EMAP	1
MPCAB	04DM035		Jack Creek; downstream of CR 13, 4.3 miles N of Wilmont				EMAP	2
Aquatic life	NS	+pH FS 1/10[1] \$Turbid_TT_TSS NS 17/27[5](0/5[1] 17/22[4] --/--[--])						
<b>07100001-507</b>	<b>5A</b>	<b>21.4</b>	<b>Elk Creek</b>		<b>Headwaters to Okabena Cr</b>	<b>2B, 3B</b>		
MNPCA1	S000-232		elk ck at csah-1 1.5 mi se of brewster				CWPLKHER	24
MNPCA1	S002-233		elk ck on 220th st (3/4 mi e of us-59), 2.5 mi n worthington				CWPLKHER	6
Aquatic life	NS	=pH FS 0/30[3] \$Turbid_TT_TSS NS 9/20[3](9/20[3] --/--[--] 0/8[1])						
Ecoregion norms	EX	=Phosphorus EX 5/24[4]						
<b>07100001-508</b>	<b>5C</b>	<b>2.8</b>	<b>Lower Lake Sarah Outlet</b>		<b>First Unnamed cr on Lk Sarah outlet str to Lk Shetek inle</b>	<b>2B, 3B</b>		
MNPCA1	S001-547		lk sarah outlet str at cr-89, 4.5 mi nw of currie				CWPLKSHE	16
Aquatic life	NS	!!!Turbid_TT_TSS NS 6/28[2](--/--[--] --/--[--] 6/28[2])						
Ecoregion norms	EX	+NO2&NO3 EX 5/14[2] +Phosphorus EX 2/16[2]						
<b>07100001-509</b>	<b>5A</b>	<b>10.3</b>	<b>Jack Creek</b>		<b>JD 26 to Heron Lk</b>	<b>2B, 3B</b>		
MNPCA1	S001-557		jack ck, 1 mi e of sh60, 1 mi ssw of heron lk				CWPLKHER	173
MNPCA1	S001-589		jack ck at csah-9 brg, 1.5 mi se of Heron Lake				CSMP	2
MNPCA1	S001-590		jack ck at 370th ave, 1 mi sw of Heron Lake				CSMP	74
MNPCA1	S001-590		jack ck at 370th ave, 1 mi sw of Heron Lake				MDAWQMP	4
MNPCA1	S002-248		jack cr, 2 mi ne of okabena, mn				CSMP	31
Aquatic life	NS	DO12 -- 3/101[6] DO5_9am FS 1/29[5] DO5_All FS 3/69[6] DO7 FS 0/32[5] +DOFinal IF[[4]] =pH FS 0/306[9] \$Turbid_TT_TSS NS 127/162[9](127/162[9] 87/108[9] 6/12[2]) +Un-ionized ammonia FS 0/94[5]						
Ecoregion norms	EX	=BOD5 OK 4/83[3] =NO2&NO3 EX 104/120[7] =Phosphorus OK 10/172[11]						
<b>07100001-512</b>	<b>3A</b>	<b>8.0</b>	<b>Okabena Creek</b>		<b>Unnamed cr to T102 R38W S6, north line</b>	<b>7</b>		
MNPCA1	S000-240		Okabena Creek at csah-14, 2 miles se of brewster				MILE	45
MNPCA1	S000-240		Okabena Creek at csah-14, 2 miles se of brewster				MERCLKS/	5
MNPCA1	S000-240		Okabena Creek at csah-14, 2 miles se of brewster					12
MNPCA1	S000-240		Okabena Creek at csah-14, 2 miles se of brewster				CWPLKHER	29
MPCAB	04DM040		Okabena Creek; upstream of CR 36, ~3.5 miles SE of Brewster				prob. invest.	1
MPCAB	07DM003		Okabena Creek; Upstream of Ulrich Ave, 4 mi. NE of Worthington				ref. ditches	1
Limited Use Waters	NS	+Arsenic FS 0/5[3] +Cadmium FS 0/5[3] +Copper FS 0/5[3] DO12 -- 0/44[8] DO5_9am FS 0/9[3] DO5_All FS 0/25[5] DO7 FS 0/19[7] +DOFinal IF[[2]] !!!E. coli NS 10/21Ind 0/0mo +Lead FS 0/5[3] +Mercury FS 0/5[3] +Nickel FS 0/5[3] +pH FS 2/122[9] +Un-ionized ammonia FS 0/34[7] +Zinc FS 0/5[3]						

**Basin: DM**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07100001-517</b>	<b>5C</b>	<b>2.1</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-548		unn str, 1/2 mi e of us-59, 4.5 mi nw of currie			CWPLKSHE 11
Ecoregion norms	EX		+NO2&NO3 EX 4/14[1] +Phosphorus EX 2/11[1]			
<b>07100001-519</b>	<b>5C</b>	<b>1.1</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Lk Shetek</b>	<b>2B, 3B</b>	
MNPCA1	S001-549		unn str, 1 mi e of us-59, 3 mi w of currie			CWPLKSHE 12
Ecoregion norms	EX		+NO2&NO3 EX 4/15[1] +Phosphorus OK 1/12[1]			
<b>07100001-522</b>	<b>3B</b>	<b>3.4</b>	<b>Unnamed creek</b>	<b>Headwaters to Fulda Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-591		unn trib to fulda second lk at lafayette ave, in fulda			CSMP 47
MNPCA1	S001-591		unn trib to fulda second lk at lafayette ave, in fulda			CWPLKHER 4
MNPCA1	S003-714		inlt to fulda pond 0.7 mi w lafayette rd, 0.6 mi sw of fulda			CWPLKHER 4
Aquatic life	NS		!!!Turbid_TT_TSS NS 12/51[3](-/--[--] 12/47[3] 0/4[1])			
<b>07100001-524</b>	<b>5C</b>	<b>18.1</b>	<b>Des Moines River</b>	<b>Heron Lk outlet to Windom Dam</b>	<b>2B, 3B</b>	
MNPCA1	S001-735		des moines r blw storm drain in windom, mn			CSMP 25
MNPCA1	S001-736		des moines r abv storm drain in windom, mn			CSMP 40
MNPCA1	S001-739		w fk des moines r at csah 14, 4.5 mi nw of windom, mn			CSMP 37
MNPCA1	S001-804		w fk des moines r, windom brg at mn-62, in windom			CSMP 76
MNPCA1	S001-871		w fk des moines r at cr-15 brg, 7 mi w of windom			CSMP 56
MPCAB	04DM020		Des Moines River; Upstream of CR 40, 6 miles W of Windom			EMAP 1
Aquatic life	NS		=Chloride FS 0/5[2] +pH FS 0/14[3] \$Turbid_TT_TSS NS 179/188[4](0/1[1] 179/187[3] --/--[--]) +Un-ionzed ammonia FS 0/6[2]			
<b>07100001-527</b>	<b>5A</b>	<b>13.6</b>	<b>Heron Lake Outlet</b>	<b>Heron Lk (32-0057-01) to Des Moines R</b>	<b>2C</b>	
MNPCA1	S001-870		heron lk outlet, 3/4 mi n of csah-62, 7 1/2 mi w of windom			CSMP 33
MNPCA1	S002-009		heron lk olt, 1/2 mi from csah-24 brg, 2.25 mi e heron lk			WF_DES_M 64
MNPCA1	S002-009		heron lk olt, 1/2 mi from csah-24 brg, 2.25 mi e heron lk			CWPLKHER 140
MPCAB	04DM018		Heron Lake Outlet; At Hwy 24 bridge, 1.5 miles NE of Heron Lake			EMAP 1
Aquatic life	NS		DO12 -- 6/90[7] DO5_9am FS 0/5[4] DO5_All NS 6/58[6] DO7 FS 0/32[6] !!!DOFinal NS[[3]] \$pH FS 18/336[10] \$Turbid_TT_TSS NS 118/179[10](118/179[10] 34/38[5] 5/8[4]) !!!Un-ionzed ammonia NS 4/104[7]			
Ecoregion norms	EX		=BOD5 EX 78/115[7] =NO2&NO3 EX 64/156[11] =Phosphorus EX 77/188[11]			
<b>07100001-529</b>	<b>5C</b>	<b>2.4</b>	<b>Division Creek</b>	<b>Okabena Cr to Heron Lk (32-0057-06)</b>	<b>2B, 3B</b>	
MNPCA1	S001-986		division cr 2.25 mi ne of okabena, mn			CSMP 40
Aquatic life	NS		\$Turbid_TT_TSS NS 36/40[4](-/--[--] 36/40[4] --/--[--])			

AUID	Category	Miles	Reach Name	Basin: DM	Reach Description	Use Class	Date Printed: 3/4/2009
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<b>07100001-533</b>	<b>5A</b>	<b>28.3</b>	<b>Des Moines River</b>	<b>Lime Cr to Heron Lk outlet</b>	<b>2B, 3B</b>
MNPCA1	S001-363		Des Moines River at mn-62, 4 mi n of heron lk, mn		CSMP 203
MNPCA1	S001-363		Des Moines River at mn-62, 4 mi n of heron lk, mn		WF_DES_M 85
MNPCA1	S001-878		w fk des moines r, on cr-6 brg, 8 mi n of Heron Lake		CSMP 36
MNPCA1	S001-988		desmoines r at csah 7, 3.25 mi ne of dundee, minnesota		CSMP 71
MPCAB	04DM013		Des Moines River; Upstream of Hwy 62, 3 miles NE of Dundee		EMAP 1
MPCAB	04DM027		Des Moines River; Downstream of Hwy 44, 5 miles NE of Fulda		EMAP 1

Aquatic life NS =pH FS 2/162[4] \$Turbid\_TT\_TSS NS 63/80[4](63/80[4] 284/297[10] --/--[--]) +Un-ionzed ammonia FS 1/46[3]  
 Ecoregion norms EX =BOD5 EX 43/79[4] =NO2&NO3 EX 14/81[4] =Phosphorus EX 15/81[4]

<b>07100001-535</b>	<b>5A</b>	<b>26.8</b>	<b>Lime Creek</b>	<b>Lime Lk to Des Moines R</b>	<b>2B, 3B</b>
MNPCA1	S001-816		lime ck, at csah-6, 5 mi se of slayton		CSMP 16
MNPCA1	S002-007		lime ck on 270th ave, 1/8 mi from csah-6, 6 mi e of avoca		WF_DES_M 80

Aquatic life NS =pH FS 0/156[4] \$Turbid\_TT\_TSS NS 61/77[4](61/77[4] 16/19[3] --/--[--]) +Un-ionzed ammonia FS 0/45[4]  
 Ecoregion norms EX =BOD5 EX 38/77[4] =NO2&NO3 EX 45/76[4] =Phosphorus EX 17/77[4]

<b>07100001-541</b>	<b>5C</b>	<b>0.6</b>	<b>Des Moines River</b>	<b>Jackson Dam to JD 66</b>	<b>2B, 3B</b>
MNPCA1	S004-359		des moines r, w of River st, 100 yds ds of dam, at jackson		MDAWQMP 24
MNPCA1	S004-359		des moines r, w of River st, 100 yds ds of dam, at jackson		LOADSTDY 50
MNPCA1	S004-359		des moines r, w of River st, 100 yds ds of dam, at jackson		WF_DES_M 84
MNPCA1	S004-359		des moines r, w of River st, 100 yds ds of dam, at jackson		SSSTA 3

Aquatic life NS +Chloride FS 0/49[2] DO12 -- 3/56[3] DO5\_9am NS 2/13[3] DO5\_All FS 3/43[3] DO7 FS 0/13[3] !!!DOFinal NS[[2]] +pH FS 1/210[5] \$Turbid\_TT\_TSS NS 121/132[6](121/132[6] 5/5[3] --/--[--]) +Un-ionzed ammonia FS 0/70[4]  
 Ecoregion norms EX +BOD5 EX 60/80[4] +NO2&NO3 EX 41/153[8] +Phosphorus EX 29/144[8]

<b>07100001-544</b>	<b>3B</b>	<b>2.5</b>	<b>Perkins Creek</b>	<b>Warren Lk to Des Moines R</b>	<b>2B, 3B</b>
MNPCA1	S001-803		perkin's ck, perkins ck brg at River rd, 1/2 mi nw of windom		CSMP 43

Aquatic life NS !!!Turbid\_TT\_TSS NS 14/43[3](--/--[--] 14/43[3] --/--[--])

<b>07100001-545</b>	<b>5C</b>	<b>0.6</b>	<b>Des Moines River</b>	<b>Lk Shetek to Beaver Cr</b>	<b>2B, 3B</b>
MNPCA1	S002-006		Lake Shetek outlet, .75 mi w of csah-38, 1 mi nw of currie		CWPLKSHE 15
MNPCA1	S002-006		Lake Shetek outlet, .75 mi w of csah-38, 1 mi nw of currie		WF_DES_M 77

Aquatic life NS =pH FS 0/150[4] \$Turbid\_TT\_TSS NS 52/74[4](52/74[4] 3/3[2] 2/10[2]) +Un-ionzed ammonia FS 1/41[4]  
 Ecoregion norms EX =BOD5 EX 24/74[4] =NO2&NO3 OK 0/84[5] =Phosphorus OK 3/81[5]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: DM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample	
07100001-546	5A	25.1	Des Moines River	Beaver Cr to Lime Cr	2B, 3B		
MNPCA1	S001-814		w fk ds moines r, brg over r on mill st, 1/3 mi nw of currie			CSMP	106
MNPCA1	S001-877		west fork des moines r, 4 miles se of currie			CSMP	35
MNPCA1	S002-008		des moines r, csah-7 brg, 2 mi n of csah-6, 5 mi ne of avoca			WF_DES_M	83

Aquatic life      NS      =pH FS 1/158[4] \$Turbid\_TT\_TSS NS 64/79[4](64/79[4] 80/142[5] --/--[--]) +Un-ionzed ammonia FS 0/45[4]  
 Ecoregion norms      EX      =BOD5 EX 9/79[4] =NO2&NO3 EX 39/79[4] =Phosphorus EX 10/80[4]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample	
07100001-549	3A	15.5	Jack Creek	T104 R40W S31, west line to N Br Jack Cr	2B, 3B		
MNPCA1	S004-315		jack ck at us-59 brg, 9.5 mi n of worthington			CSMP	43

Aquatic life      NS      !!!Turbid\_TT\_TSS NS 5/43[3](--/--[--] 5/43[3] --/--[--])

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample	
07100001-551	5C	2.6	Unnamed creek	String Lk to Des Moines R	2B, 3B		
MNPCA1	S001-789		unn outlt from string lk at 400th st culvrt, 4 mi wnw windom			CSMP	23
MPCAB	04DM002		trib. to Des Moines River; Upstream of Hwy 15, 5 miles NW of Windom			EMAP	1

Aquatic life      NS      \$Turbid\_TT\_TSS NS 18/24[3](0/1[1] 18/23[2] --/--[--])

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample	
07100001-552	3D	1.3	County Ditch 43 (Scheldorf Creek)	Unnamed cr to Des Moines R	1B, 2A, 3B		
MNPCA1	S001-740		unn trib at 375th st, 6.75 mi nw of windom, mn			CSMP	37

Aquatic life      FS      +Turbid\_TT\_TSS FS 2/37[2](--/--[--] 2/37[2] --/--[--])

**HUC: 07100002**      **DNR Major:**      **HUC NAME:**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample	
07100002-501	5A	11.6	Des Moines River	JD 66 to MN/IA border	2B, 3B		
MNPCA1	S000-156		w fk des moines r csah-23 bridge s of petersburg			MERCLKS/	5
MNPCA1	S000-156		w fk des moines r csah-23 bridge s of petersburg			MILE	45
MNPCA1	S000-156		w fk des moines r csah-23 bridge s of petersburg				12
MNPCA1	S000-156		w fk des moines r csah-23 bridge s of petersburg			WF_DES_M	35
MNPCA1	S001-874		w fk des moines r, on cr-23, 1/2 mi se of petersburg			CSMP	54

Aquatic life      NS      =Arsenic FS 0/5[3] =Cadmium FS 0/5[3] =Copper FS 0/5[3] DO12 -- 1/44[7] DO5\_9am FS 0/2[1] DO5\_All FS 1/23[4] DO7 FS 0/21[7] +DOFinal IF[[2]] =Lead FS 0/5[3] =Mercury FS 0/5[3] +Nickel FS 0/5[3] =pH FS 3/148[8] \$Turbid\_TT\_TSS NS 62/78[8](62/78[8] 46/54[3] --/--[--]) +Un-ionzed ammonia FS 0/47[8] =Zinc FS 0/5[3]  
 Aquatic recreation      IF      \$E. coli IF 2/25Ind 0/0mo  
 Ecoregion norms      EX      =BOD5 EX 37/49[5] =NO2&NO3 EX 25/71[8] =Phosphorus EX 19/69[8]

AUID	Category	Miles	Reach Name	Basin: DM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				#Sample Dates

<b>07100002-504</b>	<b>2</b>	<b>1.2</b>	<b>Unnamed creek</b>	<b>JD 11 to Des Moines R</b>	<b>2B, 3B</b>		
MNPCA1	S001-989		unn trib 1.75 mi se of petersburg, mn			CSMP	40
Aquatic life	FS		=Turbid_TT_TSS FS 3/40[2](--[--] 3/40[2] --[--])				
<b>07100002-505</b>	<b>5C</b>	<b>3.7</b>	<b>Judicial Ditch 56</b>	<b>Unnamed cr to Des Moines R</b>	<b>2B, 3B</b>		
MNPCA1	S001-875		unn trib to w fk des moi r at cr-23, 1/2 mi se of petersburg			CSMP	57
Aquatic life	NS		\$Turbid_TT_TSS NS 37/57[3](--[--] 37/57[3] --[--])				

<b>HUC: 07100003</b>	<b>DNR Major:</b>	<b>HUC NAME:</b>					
<b>07100003-501</b>	<b>5A</b>	<b>36.3</b>	<b>Des Moines River, East Branch</b>	<b>Headwaters to Okamanpeedan Lk</b>	<b>2B, 3B</b>		
MNPCA1	S000-141		east fork des moines r at mn-263, 2 mi ne ceylon			MILE	45
MNPCA1	S000-141		east fork des moines r at mn-263, 2 mi ne ceylon				12
MNPCA1	S000-141		east fork des moines r at mn-263, 2 mi ne ceylon			MERCLKS/	5
Aquatic life	NS		DO12 -- 8/43[7] DO5_All NS 5/23[4] \$DO7 NS 3/20[7] \$DOFinal NS[[1]] =pH FS 0/82[7] \$Turbid_TT_TSS NS 27/45[7](27/45[7] --[--] 0/2[1]) +Un-ionized ammonia FS 0/36[7]				
Aquatic recreation	IF		+E. coli IF 0/25Ind 0/0mo				
Ecoregion norms	EX		<>BOD5 OK 1/12[3] =NO2&NO3 EX 24/37[7] =Phosphorus EX 6/30[6]				
<b>07100003-503</b>	<b>3A</b>	<b>8.0</b>	<b>County Ditch 11</b>	<b>Headwaters to E Fk Des Moines R</b>	<b>7</b>		
MNPCA1	S005-027		cd #11 on 70th st., 5 mi se of sherburn			TUTTLE-S	14
Aquatic recreation	IF		+E. coli IF 1/9Ind 0/0mo				
Limited Use Waters	IF		+pH FS 0/26[1]				
<b>07100003-515</b>	<b>3A</b>	<b>4.4</b>	<b>County Ditch 1/Judicial Ditch 50</b>	<b>Unnamed cr to CD 11</b>	<b>2B, 3B</b>		
MNPCA1	S005-024		jd #50 on 70th st., 1.5 mi s of sherburn			TUTTLE-S	5
Aquatic recreation	IF		+E. coli IF 1/4Ind 0/0mo				
<b>07100003-516</b>			<b>Mud Slough</b>	<b>Unnamed ditch to Bright Lk</b>	<b>2B, 3B</b>		
MNPCA1	S005-025		jd #36, just e of the ntersection of 150th ave and 70th st			TUTTLE-S	4
Aquatic recreation	IF		+E. coli IF 0/4Ind 0/0mo				

**HUC: 07040001      DNR Major: 38      HUC NAME: MISS R & L PEPIN**

**07040001-504      SB      22.1      Vermillion River      Vermillion R/Vermillion Slough, Hastings Dam to Mississi      2B, 3B**

LTRM	VM00.1M		Vermillion River .1 MN TRIB mid-stream 01/24/1990 09/18/2002				131
MNPCA1	S001-193		vermillion r .1 mi upst cannon r confl nr red wi		VERMTMDL		1
MNPCA1	S001-226		vermillion r at hwy 54, 7/8 mi se of hastings		VERMTMDL		4
MNPCA1	S001-230		vermillion r at hwy 68 brg, 3/4 mi ne of etter				3
MNPCA1	S001-230		vermillion r at hwy 68 brg, 3/4 mi ne of etter		MERCLKS/		5
MNPCA1	S001-230		vermillion r at hwy 68 brg, 3/4 mi ne of etter		VERMTMDL		9
MNPCA1	S003-230		vermillion Slough at collishan rr brg, 5 mi nw of red wing		VERMTMDL		1
MNPCA1	S003-230		vermillion Slough at collishan rr brg, 5 mi nw of red wing		LVERM-L		4
MNPCA1	S004-128		vermillion r just e of csah-54 , 5.5 mi se of hastings		VERMTMDL		6
MNPCA1	S005-324		vermillion r just off blackbird path, 6 mi se of hastings		LVERM-L		4
MPCAB	08LM112		Vermillion River; Downstream of CSAH 68, 6 mi. SE of Hastings		phase1		1
MPCAB	99LM009		Vermillion River; downstream of Hwy 291		metro surveys		1

Aquatic life      NS      =Chloride FS 0/64[5] DO12 -- 2 139[11] DO5\_9am FS 0/1[1] DO5\_All FS 2/72[10] DO7 FS 0/67[10] +DOFinal IF[[8]] =pH FS 2/44[6] \$Turbid\_TT\_TSS NS 70/144[10](70/144[10] 0/3[1] 0/4[1]) +Un-ionzed ammonia FS 0/18[3]

Aquatic recreation      IF      +E. coli IF 0/3Ind 0/0mo

Ecoregion norms      OK      =NO2&NO3 OK 5/138[11] =Phosphorus OK 5/133[11]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040001-507	4A	10.9	Vermillion River	T114 R19W S30, south line to S Br Vermillion R	1B, 2A, 3B
MCES	Vermillion River 15.6		Vermillion River at Co Rd 79		345
MCES	Vermillion River 20.6		Vermillion River at Biscayne Ave		306
MCES	Vermillion River 21.9		0.8 mile w. of Biscayne Ave btwn Camden Path and Cascade Dr		24
MNPCA1	S000-896		vermillion r br on blaine ave 4 mi ne farmington	MDAWQMP	17
MNPCA1	S000-896		vermillion r br on blaine ave 4 mi ne farmington	VRWAS	1
MNPCA1	S000-896		vermillion r br on blaine ave 4 mi ne farmington	VERMWM / MILE	1
MNPCA1	S000-896		vermillion r br on blaine ave 4 mi ne farmington	VERMWM	21
MNPCA1	S000-896		vermillion r br on blaine ave 4 mi ne farmington	MILE	55
MNPCA1	S000-896		vermillion r br on blaine ave 4 mi ne farmington		14
MNPCA1	S000-896		vermillion r br on blaine ave 4 mi ne farmington	SEREGION	15
MNPCA1	S002-418		vermillion r at giesler's access, 2.7 mi nw empire, mn	VRWAS	1
MNPCA1	S002-423		vermillion r at donnelly ave, 0.2 mi n of empire, mn	VRWAS	3
MNPCA1	S002-425		vermillion r at cr-81, 1 mi nw empire, mn	VRWAS	1
MNPCA1	S002-426		vermillion r at biscayne ave, 1.9 mi ne of farmington, mn	VRWAS	2
MNPCA1	S002-426		vermillion r at biscayne ave, 1.9 mi ne of farmington, mn	CSMP	48
MNPCA1	S002-474		vermillion r near empire plant, 2.4 mi ne farmington, mn	VRWAS	1
MNPCA1	S004-756		vermillion r just no of vermillion r tr 1.5 mi ne farmington	CSMP	7
MPCAB	04LM133		Vermillion River; Downstream of Hwy 3, just N of Farmington.	biocriteria	2
MPCAB	08LM114		Vermillion River; Upstream of Blaine Ave., 3.5 mi. NE of Farmington	phase1	1
MPCAB	98LM003		Vermillion River; downstream of CR 79	prob. invest.	1
MPCAB	98LM004		Vermillion River; Downstream of Biscayne Ave.	prob. invest.	1
MPCAB	98LM004		Vermillion River; Downstream of Biscayne Ave.	phase1	1

Aquatic life NS =Chloride FS 0/150[9] DO12 -- 25/703[11] DO5\_9am FS 7/139[9] DO5\_All FS 22/349[10] DO7 FS 3/354[11] +DOFinal IF[[11]] =pH FS 2/832[11] !!!Turbid\_TT\_TSS NS 45/331[11](45/331[11] 3/66[3] 0/2[2]) !!!Un-ionzed ammonia NS 3/555[11]

Aquatic recreation NS !!!E. coli NS 1/67Ind 5/7mo

Drinking Water NS +Nitrate FS 31/305[7] +Nitrite FS 0/306[7] !!!NO2&NO3 NS 2/70[11]

Ecoregion norms EX =BOD5 OK 4/173[9] =NO2&NO3 EX 23 70[11] =Phosphorus EX 138/224[11]

07040001-516	3B	6.8	Vermillion River	Headwaters to T113 R20W S8, east line	2B, 3B
MNPCA1	S004-165		vermillion r at 235th st, 3 mi s of lakeville	VRNETWRK	39
MPCAB	08LM125		Vermillion River; Upstream of Dupont Ave., 4.5 mi. SW of Lakeville	phase1	2

Aquatic life FS +Chloride FS 0/32[4] DO12 -- 1/37[4] DO5\_9am FS 0/2[2] DO5\_All FS 0/20[4] DO7 FS 1/17[4] +DOFinal IF[[2]] +pH FS 0/80[4] +Turbid\_TT\_TSS FS 1/39[4](1/39[4] 0/2[1] --/--) +Un-ionzed ammonia FS 0/36[4]

Aquatic recreation IF +E. coli IF 2/14Ind 0/0mo

Ecoregion norms EX +Phosphorus EX 14/41[4]

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040001-517	5A	8.3	Vermillion River	T113 R20W S9, west line to T114 R19W S31, north line	1B, 2A, 3B
MNPCA1	S003-325		vermillion r at 220th st w, 1.2 mi sw of farmington, mn		VRNETWRK 126
MNPCA1	S003-326		vermillion r at cr-31, 0.6 mi w of farmington, mn		VRNETWRK 127
MNPCA1	S004-307		vermillion r @ hamburg ave, 4 mi sw of farmington		CSMP 6
MPCAB	04LM052		Vermillion River; upstream of Ash St., approx. 1 mi. SW of Farmington		EMAP 1
MPCAB	08LM123		Vermillion River; Upstream of Ash St W, 1 mi. W of Farmington		phase1 1

Aquatic life NS +Chloride FS 0/93[4] DO12 -- 30/113[9] DO5\_9am NS 4/12[4] DO5\_All NS 28/81[9] DO7 FS 2/32[9] !!!DOFinal NS[[3]] =pH FS 2/214[8] \$Turbid\_TT\_TSS NS 29/107[9](29/107[9] 0/22[5] 1/3[1]) +Un-ionzed ammonia FS 0/155[6]

Aquatic recreation NS !!!E. coli NS 5/22Ind 1/1mo

Drinking Water FS +NO2&NO3 FS 0/30[3]

Ecoregion norms OK =NO2&NO3 OK 0/30[3] =Phosphorus OK 3/122[9]

07040001-518	5C	17.1	Hay Creek	T111 R15W S4, west line to Mississippi R	1B, 2A, 3B
MNPCA1	S000-430		hay ck at unnamed road in s36 at red wing		WELLSCWM 10
MNPCA1	S001-382		HAY CR in red wing, mn		CSMP 19
MNPCA1	S001-453		HAY CR at red wing, mn		CSMP 26
MNPCA1	S001-576		hay ck at us-2 brg, 1 mi w of red wing		CSMP 41
MNPCA1	S004-224		hay ck at 305th st, t112/r15w/s13, 4 mi sw of red wing		CSMP 9
MPCAB	04LM089		Hay Creek; 6 Miles SSW of Redwing		biocriteria 1
MPCAB	04LM132		Hay Creek; 2 S of Red Wing		biocriteria 1
MPCAB	08LM128		Hay Creek; Downstream of Featherstone Rd, 0.5 mi. W of Red Wing		phase1 1
MPCAB	08LM133		Hay Creek; Downstream of 325th St, 5.5 mi. N of Goodhue		phase1 1

Aquatic life FS +pH FS 0/24[2] \$Turbid\_TT\_TSS FS 10/101[7](0/1[1] 10/100[6] --/--[--]) +Un-ionzed ammonia FS 0/10[1]

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/14[2]

Ecoregion norms EX +NO2&NO3 EX 14/14[2] +Phosphorus OK 0/12[2] +TSS EX 8/12[2]



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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040001-519	2	25.9	Wells Creek	Headwaters to Mississippi R	2B, 3B
LTRM	WC00.8M		Wells Creek .8 MN TRIB mid-stream CO 2 bridge 01/13/1999 09/18/2002		80
MNPCA1	S001-384		wells cr at cr-45 br, 6 mi se of red wing, mn	CSMP	273
MNPCA1	S001-385		wells cr 1.5 mi sw of belvidere mills, mn	CSMP	90
MNPCA1	S001-435		wells ck 1.5 mi s of frontenac, mn	CSMP	193
MNPCA1	S004-453		wells ck at florence rd, 1.5 mi sw of frontenac	LKPEPIN	20
MNPCA1	S004-859		wells ck at us-61, 1 mi se of frontenac	WELLSCWM	10
MNPCA1	S004-859		wells ck at us-61, 1 mi se of frontenac	LOADSTDY	15
MPCAB	04LM007		Wells Creek; Upstream of TH 61/63, 1 mile S of Frontenac	EMAP	1
MPCAB	04LM031		Wells Creek; Upstream of Hwy 5, 4 miles SE of Hay Creek	EMAP	1
MPCAB	04LM070		Wells Creek; downstream of CR 5, ~3.6 miles WSW of Frontenac station.	EMAP	1
MPCAB	08LM127		Wells Creek; Upstream of Hwy 61, 1 mi. S of Frontenac Station	phase1	1
MPCAB	08LM135		Wells Creek; Downstream of CSAH 5, 4.5 mi. SW of Frontenac Station	phase1	1
MPCAB	08LM136		Wells Creek; Upstream of CSAH 2, 9 mi. NE of Goodhue	phase1	1

Aquatic life NS =Chloride FS 0/71[5] DO12 -- 0/94[7] DO5\_9am FS 0/5[3] DO5\_All FS 0/54[7] DO7 FS 0/40[6] +DOFinal IF[[5]] =pH FS 0/28[2] !!!Turbid\_TT\_TSS NS  
 24/113[8](24/113[8] 30/354[10] --/--[-]) +Un-ionzed ammonia FS 0/10[1]

Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo

Ecoregion norms EX <>NO2&NO3 OK 0/117[7] <>Phosphorus EX 16/128[8]

07040001-520	3A	1.8	Vermillion Slough	Vermillion R to Mississippi R	2B, 3B
MNPCA1	S001-227		vermillion Slough at e 4 brg, 1 1/8 mi e hasting	CSMP	41
MNPCA1	S001-227		vermillion Slough at e 4 brg, 1 1/8 mi e hasting	VERMTMDL	8
MNPCA1	S003-227		vermillion Slough at hastings marina in hastings	VERMTMDL	2

Aquatic life FS +pH FS 1/20[3] +Turbid\_TT\_TSS FS 5/51[4](1/9[3] 4/42[2] --/--[-]) +Un-ionzed ammonia FS 1/7[2]

Ecoregion norms EX +NO2&NO3 EX 5/10[3] +Phosphorus OK 1/10[3]

07040001-521	3A	1.9	Truedale Slough	Vermillion R to Mississippi R	2B, 3B
MNPCA1	S001-229		truedale Slough, ne 1/4 s5, 5 1/4 mi se hastings	VERMTMDL	8

Aquatic life IF +pH FS 1/16[3] +Un-ionzed ammonia FS 0/6[1]

07040001-526	3A	6.0	Bullard Creek	T112 R14W S10, west line to T113 R4W S36, north line	1B, 2A, 3B
MNPCA1	S004-863		bullard ck at us-61, 4 mi e of red wing	WELLSCWM	10
MPCAB	08LM129		Bullard Creek; Upstream of Hwy 61, 4 mi. E of Red Wing	phase1	1

Aquatic life IF +pH FS 0/22[1] +Un-ionzed ammonia FS 0/10[1]

Aquatic recreation IF +E. coli IF 2/6Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/11[1]

Ecoregion norms EX +NO2&NO3 EX 11/11[1] +Phosphorus OK 0/11[1] +TSS EX 6/11[1]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040001-527</b>	<b>5C</b>	<b>3.6</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Vermillion R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-400		unn trib to vermillion r at csah-70 2.5 mi w of farmington		CSMP 92
MPCAB	08LM124		Unnamed Creek; Downstream of Flagstaff Ave., 2 mi. W of Farmington		phase1 1
Aquatic life	FS		+Turbid_TT_TSS FS 8/93[5](--/--[ ] 8/93[5] --/--[ ])		

<b>07040001-528</b>	<b>3D</b>	<b>1.4</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Wells Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-386		unnamed trib to wells cr, 2 mi s of belvidere mills, mn		CSMP 88
Aquatic life	FS		+Turbid_TT_TSS FS 3/87[9](--/--[ ] 3/87[9] --/--[ ])		

<b>07040001-530</b>	<b>3B</b>	<b>3.6</b>	<b>Gilbert Creek</b>	<b>Sugarloaf Cr to T112 R12W S31, east line</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-597		gilbert ck at csah-5 brg, 1 mi w of lake city		CSMP 26
MNPCA1	S001-597		gilbert ck at csah-5 brg, 1 mi w of lake city		WELLSCWM 10
MPCAB	08LM130		Gilbert Creek; Upstream of CSAH 5, 1 mi. NW of Lake City		phase1 1
Aquatic life	NS		+pH FS 1/22[1] !!!Turbid_TT_TSS NS 18/37[4](--/--[ ] 18/37[4] --/--[ ]) +Un-ionzed ammonia FS 0/9[1]		
Aquatic recreation	IF		+E. coli IF 1/6Ind 0/0mo		
Drinking Water	FS		+NO2&NO3 FS 0/11[1]		
Ecoregion norms	OK		+NO2&NO3 OK 0/11[1] +Phosphorus OK 0/11[1]		

<b>07040001-531</b>	<b>5B</b>	<b>49.9</b>	<b>Mississippi River</b>	<b>St Croix R to Chippewa R (WI)</b>	<b>2B, 3B</b>
LTRM	M764.3A		Mississippi River 764.3 MN-WI MC mid-stream 04/29/1993 09/19/2002		155
LTRM	M786.2C		Mississippi River 786.2 MN-WI MC mid-stream 04/28/1993 09/18/2002		155
LTRM	M786.5D		Mississippi River 786.5 MN-WI SC Wisconsin channel mid-stream 04/28/1993 12/29/1999		30
LTRM	M796.9M		Mississippi River 796.9 MN-WI MC tailwater west side 04/28/1993 09/18/2002		85
LTRM	M796.9N		Mississippi River 796.9 MN-WI MC tailwater east side 11/05/1990 09/18/2002		85
MCES	Mississippi River 764.3		Mississippi River upstream of Chippewa River		82
MCES	Mississippi River 764.5		Mississippi River at the outlet of Lake Pepin		49
MCES	Mississippi River 775.6		Mississippi River at Erickson Point		136
MCES	Mississippi River 796.9		Mississippi River above Lock and Dam No. 3		314
MNPCA1	S000-132		mississippi r lock & dam #3, 5 mi nw of red wing	LOCK&DAM	33
MNPCA1	S000-132		mississippi r lock & dam #3, 5 mi nw of red wing	MERCLKS/	1
MNPCA1	S001-238		mississippi r dnst of hastings rr br	MERCLKS/	2
MNPCA1	S003-361		mississippi r s of carlson island at red wing, mn	CSMP	19
MNPCA1	S004-977		mississippi r at fishing pier at point park in red wing	MERCLKS/	2
Aquatic life	NS		=Chloride FS 0/666[7] DO12 -- 13/733[11] DO5_9am FS 2/120[9] DO5_All FS 13/400[10] DO7 FS 0/333[10] +DOFinal IF[[10]] =pH FS 0/1150[11] \$Turbid_TT_TSS FS 46/501[10](46/501[10] 19/52[2] 0/4[1]) +Un-ionzed ammonia FS 2/746[10]		
Ecoregion norms	OK		<>BOD5 OK 2/230[7] <>NO2&NO3 OK 8/445[9] <>Phosphorus OK 5/411[11]		

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040001-534</b>	<b>3A</b>	<b>7.1</b>	<b>Miller Creek</b>	<b>Boston Coulee to Mississippi R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S002-449		millerc k at cr-66. 1 mi sw of lake city, mn		CSMP 37
MNPCA1	S002-449		millerc k at cr-66. 1 mi sw of lake city, mn		WELLSCWM 10
MNPCA1	S005-011		millerc k at csah-9 in lake city		CSMP 83
MPCAB	08LM131		Miller Creek; Upstream of W Marion St, 0.5 mi. S of Lake City		phase1 1

Aquatic life FS +pH FS 1/20[1] +Turbid\_TT\_TSS FS 11/130[4](--/--[11/130[4] --/--[1]) +Un-ionized ammonia FS 0/9[1]  
 Aquatic recreation IF +E. coli IF 3/6Ind 0/0mo  
 Drinking Water FS +NO2&NO3 FS 0/11[1]  
 Ecoregion norms OK +NO2&NO3 OK 0/11[1] +Phosphorus OK 0/10[1]

<b>07040001-542</b>	<b>5C</b>	<b>5.4</b>	<b>Unnamed creek</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S003-347		unn trib (sf of n ck), 3.5 mi se of apple valley		MIDNORTH 25
MNPCA1	S003-348		unn trib (sf of n ck) at flagstaff ave, s of apple valley		MIDNORTH 28
MNPCA1	S003-348		unn trib (sf of n ck) at flagstaff ave, s of apple valley		CSMP 99
MNPCA1	S004-254		unn strm (north ck) at csah-23, s of apple valley		MIDNORTH 30
MNPCA1	S004-255		unn strm (north ck) at highview ave, s of apple valley		MIDNORTH 30
MNPCA1	S004-256		unn strm (north ck) at 175th st, s of apple valley		MIDNORTH 30
MNPCA1	S004-734		unn str at dodd blvd, 4 mi nne of lakeville, mn		CSMP 26

Aquatic life FS +Turbid\_TT\_TSS FS 3/148[3](--/--[3/148[3] --/--[1])  
 Aquatic recreation NS !!!E. coli NS 2/20Ind 4/4mo

<b>07040001-545</b>	<b>5C</b>	<b>0.4</b>	<b>Unnamed creek (Vermillion River Tribut</b>	<b>Unnamed cr to Vermillion R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-323		trib to vermillion r at csah-3, 1.2 mi n farmington, mn		VRNETWRK 126
MNPCA1	S003-345		mouth of unn trib (middle ck), 1 mi n of farmington		MIDNORTH 27

Aquatic life NS +Chloride FS 0/47[4] DO12 -- 39/110[9] DO5\_9am NS 5/10[2] DO5\_All NS 36/78[9] DO7 FS 3/32[8] !!!DOFinal NS[[3]] =pH FS 1/210[8] !!!Turbid\_TT\_TSS NS 18/106[9](18/106[9] 1/37[4] 2/3[1]) +Un-ionized ammonia FS 0/79[6]  
 Aquatic recreation NS !!!E. coli NS 5/40Ind 4/4mo  
 Drinking Water FS +NO2&NO3 FS 0/14[1]  
 Ecoregion norms OK =NO2&NO3 OK 0/14[1] =Phosphorus OK 1/120[9]

<b>07040001-546</b>	<b>3A</b>	<b>5.2</b>	<b>Unnamed creek</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S003-344		unn trib (ef middle ck) n of 195th st, 3 mi nw of farmington		MIDNORTH 30
MNPCA1	S004-253		unn strm (middle ck) at flagstaff ave, 4 mi nw of farmington		MIDNORTH 28

Aquatic recreation NS !!!E. coli NS 6/20Ind 4/4mo

<b>07040001-548</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S003-343		unn trib (wf middle ck) n of 195th st, 3 mi nw of farmington		MIDNORTH 29
MNPCA1	S003-352		unn trib (middle ck) at 190th st, 2.5 mi ne of lakeville		MIDNORTH 30

Aquatic recreation NS !!!E. coli NS 8/20Ind 4/4mo

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07040001-670</b>		<b>1.2</b>	<b>Unnamed creek (Vermillion River Tribut</b>	<b>Unnamed cr to T114 R19W S19, south line</b>		<b>2B, 3B</b>		
MNPCA1	S004-252		unn strm, .5 mi w of mn-3, 1 mi n of farmington			MIDNORTH	30	
MPCAB	07LM019		Trib. to Vermillion River; .5 mi W of CR 3, 2 mi. N of Farmington			ref. ditches	1	
Aquatic recreation	NS	!!!E. coli NS 1/20Ind 4/4mo						

<b>07040001-671</b>		<b>0.4</b>	<b>Unnamed creek (Vermillion River Tribut</b>	<b>T114 R19W S30, north line to Unnamed cr</b>		<b>1B, 2A, 3B</b>	
MNPCA1	S003-324		trib to vermilion r near csah-3, 1.2 mi n of farmington, mn			MIDNORTH	27
MNPCA1	S003-324		trib to vermilion r near csah-3, 1.2 mi n of farmington, mn			MIDNORTH / VRNE	1
MNPCA1	S003-324		trib to vermilion r near csah-3, 1.2 mi n of farmington, mn			VRNETWRK	126
MNPCA1	S003-324		trib to vermilion r near csah-3, 1.2 mi n of farmington, mn			VRNETWRK / MIDN	1
MPCAB	08LM121		Unnamed Creek; Upstream of Chippandale Ave. W, 1.5 mi. N of Farmington			phase1	1

Aquatic life NS +Chloride FS 0/47[4] DO12 -- 32 110[9] DO5\_9am NS 5/13[3] DO5\_All NS 29/78[9] DO7 FS 3/32[9] !!!DOFinal NS[[3]] +pH FS 1/212[8] !!!Turbid\_TT\_TSS NS 16/106[9](16/106[9] 0/39[5] 1/4[1]) +Un-ionized ammonia FS 0/76[6]

Aquatic recreation NS !!!E. coli NS 4/40Ind 4/4mo

Drinking Water FS +NO2&NO3 FS 0/15[2]

Ecoregion norms OK +NO2&NO3 OK 0/15[2] +Phosphorus OK 3/121[9]

<b>07040001-679</b>		<b>14.0</b>	<b>Vermillion River, South Branch</b>	<b>Headwaters to T114 R18W S29, north line</b>		<b>2B, 3B</b>	
MNPCA1	S002-421		south branch vermilion r at csah-66, 0.4 mi e of empire, mn			VRWAS	2
MNPCA1	S002-421		south branch vermilion r at csah-66, 0.4 mi e of empire, mn			VRNETWRK	123
MNPCA1	S002-422		vermillion r, s br at csah-66, 0.4 mi e of empire, mn			VRWAS	3
MPCAB	04LM029		South Branch Vermillion River; Upstream of CR 81, 1 mile S of Empire			EMAP	1
MPCAB	08LM116		Vermillion River, South Branch; Upstream of CSAH 66, 6.5 mi. E of Farmington			phase1	1
MPCAB	08LM118		Vermillion River, South Branch; Downstream of 230th St E, 3.5 mi. SE of Farmington			phase1	2
MPCAB	99LM006		South Branch Vermillion River; upstream of CR 81			metro surveys	1

Aquatic life FS +Chloride FS 0/52[6] DO12 -- 0/113[10] DO5\_9am FS 0/11[3] DO5\_All FS 0/79[10] DO7 FS 0/34[10] +DOFinal IF[[3]] +pH FS 0/218[10] +Turbid\_TT\_TSS FS 6/105[10](6/105[10] 0/17[4] 2/6[1]) +Un-ionized ammonia FS 0/81[8]

Aquatic recreation NS !!!E. coli NS 7/22Ind 1/1mo

Ecoregion norms EX +NO2&NO3 EX 5/18[3] +Phosphorus OK 10/124[10]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
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07040001-692

10.7

Vermillion River

T114 R18W S21, west line to Hastings Dam

2B, 3B

MCES	Vermillion River 2		Vermillion River 150m down from Hwy61				130
MCES	Vermillion River 2.7		Vermillion River at Co Rd 47				359
MNPCA1	S001-398		vermillion r at csah-85 brg 1 mi ne of vermillion			CSMP	44
MNPCA1	S001-398		vermillion r at csah-85 brg 1 mi ne of vermillion			VRNETWRK	123
MNPCA1	S002-419		vermillion r at csah-62, 0.2 mi w vermillion, mn			VRWAS	3
MNPCA1	S002-419		vermillion r at csah-62, 0.2 mi w vermillion, mn			CSMP	4
MNPCA1	S002-420		vermillion r at csah-48, 2.3 mi sw of hastings, mn			VRWAS	2
MNPCA1	S002-429		vermillion r at csah-47, 1 mi sw hastings, mn			VERMWM	21
MNPCA1	S002-429		vermillion r at csah-47, 1 mi sw hastings, mn			VRWAS	2
MNPCA1	S002-429		vermillion r at csah-47, 1 mi sw hastings, mn			LWRMAPLE	1
MNPCA1	S004-312		vermillion r btwn general sieben dr & pleasant dr, hastings			CSMP	15
MNPCA1	S004-718		vermillion r at hogan ave, 5.2 mi sw of hastings, mn			CSMP	25
MPCAB	08LM113		Vermillion River; Upstream of CSAH 47, 0.5 mi. SW of Hastings			phase1	1
MPCAB	08LM115		Vermillion River; Downstream of CSAH 85, 1 mi. NE of Vermillion			phase1	1
MPCAB	99LM007		Vermillion River; upstream of Dakota CR 85, near town of Vermillion			metro surveys	1
MPCAB	99LM008		Vermillion River; downstream of CR 48			metro surveys	1

Aquatic life	FS	+Chloride FS 0/218[11] DO12 -- 2 496[11] DO5_9am FS 1/61[10] DO5_All FS 2/275[10] DO7 FS 0/221[11] +DOFinal IF[[11]] +pH FS 0/942[11] +Turbid_TT_TSS FS 15/430[11](15/430[11] 1/88[5] 2/6[2]) +Un-ionzed ammonia FS 0/337[11]
Aquatic recreation	NS	!!!E. coli NS 7/45Ind 3/5mo
Ecoregion norms	EX	+NO2&NO3 EX 10/17[3] +Phosphorus EX 82/129[10]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

**HUC: 07040002      DNR Major: 39      HUC NAME: CANNON RIVER**

**07040002-501      2      8.5      Cannon River      Belle Cr to split near mouth      2B, 3C**

MCES	Cannon River 4	Cannon River near Hwy 61 and Co Rd 46		156
MNPCA1	S000-102	cannon r. ush-61 w of red wing	VERMTMDL	1
MNPCA1	S001-766	cannon r at abandoned rd, 5 mi nw of red wing	CANNRV-S	56
MNPCA1	S001-766	cannon r at abandoned rd, 5 mi nw of red wing	CSMP	259
MNPCA1	S002-475	cannon r at collischan rd brg, 5 mi nw of red wing	CSMP	61

Aquatic life      FS      =Chloride FS 0/151[7] DO12 -- 0/150[7] DO5\_9am FS 0/10[4] DO5\_All FS 0/65[6] DO7 FS 0/85[7] +DOFinal IF[[7]] =pH FS 1/310[8] =Turbid\_TT\_TSS FS 12/152[7](12/152[7] 73/329[8] --/--[--]) +Un-ionized ammonia FS 0/13[5]

Aquatic recreation      NS      !!!E. coli NS 4/53Ind 1/6mo

Ecoregion norms      EX      =BOD5 EX 3/27[5] =Phosphorus EX 56/153[7]

**07040002-502      4A      11.4      Cannon River      Pine Cr to Belle Cr      2B, 3C**

MCES	Cannon River 11.9	Cannon River at USGS gaging station in Welch		139
MNPCA1	S000-003	Cannon River at bridge on csah-7 at welch	SEREGION	15
MNPCA1	S000-003	Cannon River at bridge on csah-7 at welch	CSMP	49
MNPCA1	S000-003	Cannon River at bridge on csah-7 at welch	LCTMDL	1
MNPCA1	S000-003	Cannon River at bridge on csah-7 at welch	LOADSTDY	1
MNPCA1	S000-003	Cannon River at bridge on csah-7 at welch	MDAWQMP	22
MNPCA1	S000-003	Cannon River at bridge on csah-7 at welch	MERCLKS/	1
MNPCA1	S000-003	Cannon River at bridge on csah-7 at welch	MILE	55
MNPCA1	S000-003	Cannon River at bridge on csah-7 at welch		14
MNPCA1	S001-309	Cannon River 0.75 mi sw welch	CSMP	9
MPCAB	00LM001	Cannon River; Dakota County Park, 3.2 mi. S of Miesville	metro surveys	1
MPCAB	04LM055	Cannon River; About 4 miles ENE of Cannon Falls	EMAP	1

Aquatic life      FS      =Chloride FS 0/106[8] DO12 -- 0/68[10] DO5\_9am FS 0/2[2] DO5\_All FS 0/39[7] DO7 FS 0/29[9] +DOFinal IF[[1]] =pH FS 1/112[10] \$Turbid\_TT\_TSS FS 15/173[10](15/173[10] 15/71[6] 0/4[2]) +Un-ionized ammonia FS 0/45[9]

Aquatic recreation      NS      !!!E. coli NS 6/91Ind 2/7mo

Ecoregion norms      EX      =BOD5 OK 0/20[5] =NO2&NO3 EX 14/71[10] =Phosphorus OK 3/72[10]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

07040002-503	5B	5.6	Straight River	Maple Cr to Crane Cr	2B, 3B
MNPCA1	S000-047		straight r near csah-1 1 mi se of clinton falls		14
MNPCA1	S000-047		straight r near csah-1 1 mi se of clinton falls	MERCLKS/	2
MNPCA1	S000-047		straight r near csah-1 1 mi se of clinton falls	MILE	55
MNPCA1	S000-047		straight r near csah-1 1 mi se of clinton falls	SEREGION	15
MNPCA1	S000-047		straight r near csah-1 1 mi se of clinton falls	STRT_RIV	164
MNPCA1	S000-300		straight r.csah-45 clinton falls		1
MNPCA1	S000-300		straight r.csah-45 clinton falls	MERCLKS/	1
MNPCA1	S000-449		straight r at csah-34 btn s4/33 n of owatonna	CSMP	5
MNPCA1	S000-450		straight r 200 yds above owatonna wwtf outfall	STRT_RIV	149
MNPCA1	S000-467		straight r- t108n/r20w/s33/seq/nwq n of owatonna	MDAWQMP	12
MNPCA1	S001-584		straight r near csah-9 brg, 1.5 mi s of medford	CSMP	4
MPCAB	04LM120		Straight River; upstream Cty Rd 34 North of Owatona	biocriteria	1

Aquatic life NS +Chloride FS 0/9[2] DO12 -- 0/59[10] DO5\_9am FS 0/3[3] DO5\_All FS 0/33[6] DO7 FS 0/26[9] +DOFinal IF[[1]] =pH FS 0/398[10] \$Turbid\_TT\_TSS NS 19/83[10](19/83[10] 17/140[6] 0/12[3]) +Un-ionized ammonia FS 0/110[10]

Aquatic recreation NS !!!E. coli NS 9/50Ind 6/7mo

Ecoregion norms EX <>BOD5 OK 1/16[4] =NO2&NO3 EX 32/60[10] =Phosphorus EX 12/67[10]

07040002-504	5B	27.6	Prairie Creek	Headwaters to Cannon R (Lk Byllesby)	2C
MNPCA1	S001-186		prairie cr at 310th st .2 mi upstm of l byllesby	SEREGION	15
MNPCA1	S001-198		Prairie Creek br at mn-19, 4 mi sw cannon falls	CSMP	29
MNPCA1	S001-337		prairie ck at gibson tr br, 3 mi ne of cannon city, mn	CSMP	330
MNPCA1	S001-543		prairie ck, 3.5 mi w of cannon falls	CSMP	48
MNPCA1	S001-785		prairie ck at 310th st, 4 mi w of cannon falls	CSMP	79
MNPCA1	S001-785		prairie ck at 310th st, 4 mi w of cannon falls	BYLLESBY	28
MPCAB	04LM059		Prairie Creek; Downstream of state route 56, .8 miles E of Stanton	EMAP	1

Aquatic life NS \$Turbid\_TT\_TSS NS 106/446[10](3/8[3] 103/438[10] --/--)

Aquatic recreation NS !!!E. coli NS 3/15Ind 2/2mo

Ecoregion norms EX =NO2&NO3 EX 7/13[3] =Phosphorus EX 5/29[4]

07040002-505	5B	14.5	Rush Creek	Headwaters to Straight R	2B, 3B
MNPCA1	S000-502		rush ck at cr-90 (coe ave), 2 mi n of medford	CSMP	190
MNPCA1	S000-502		rush ck at cr-90 (coe ave), 2 mi n of medford	STRT_RIV	37

Aquatic life NS +pH FS 0/38[1] \$Turbid\_TT\_TSS NS 36/217[10](1/12[1] 35/197[9] 0/8[1])

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040002-507</b>	<b>5B</b>	<b>3.3</b>	<b>Cannon River</b>	<b>Wolf Cr to Heath Cr</b>	<b>2B, 3C</b>
MNPCA1	S001-396		cannon r at csah-1 brg in dundas		CANNRV-S 25
MNPCA1	S001-396		cannon r at csah-1 brg in dundas		CSMP 306
MNPCA1	S001-782		cannon r at pedestrian brg, e of csah-1, 1 mi s of dundas		CANNRV-S 50
MNPCA1	S001-782		cannon r at pedestrian brg, e of csah-1, 1 mi s of dundas		CSMP 137

Aquatic life NS +Chloride FS 0/9[1] DO12 -- 0/23[1] DO5\_9am FS 0/2[1] DO5\_All FS 0/19[1] DO7 FS 0/4[1] +DOFinal IF[[1]] \$Turbid\_TT\_TSS NS 172/453[10](--/--[10])

Aquatic recreation NS !!!E. coli NS 2/51Ind 4/7mo

<b>07040002-508</b>	<b>5B</b>	<b>1.6</b>	<b>Cannon River</b>	<b>Heath Cr to Northfield Dam</b>	<b>2B, 3C</b>
MNPCA1	S001-762		cannon r at 5th st brg in northfield		CSMP 50
MNPCA1	S001-762		cannon r at 5th st brg in northfield		CANNRV-S 75
MNPCA1	S001-788		cannon r at 5th st bridge in northfield		CSMP 11
MNPCA1	S003-552		cannon r at water st s in northfield, mn		CSMP 99

Aquatic life NS +Chloride FS 0/10[1] DO12 -- 0/23[1] DO5\_9am FS 0/2[1] DO5\_All FS 0/19[1] DO7 FS 0/4[1] +DOFinal IF[[1]] \$Turbid\_TT\_TSS NS 63/202[4](--/--[4]) 63/202[4] --/--[4]

Aquatic recreation NS !!!E. coli NS 3/52Ind 4/6mo

<b>07040002-509</b>	<b>5B</b>	<b>10.4</b>	<b>Cannon River</b>	<b>Northfield Dam to Lk Byllesby inlet</b>	<b>2B, 3C</b>
MNPCA1	S000-290		cannon r. sh-56 by randolph		RNC 5
MNPCA1	S001-582		cannon r at canada ave, near csah-47, 1 mile ne of waterford		BYLLESBY 75
MNPCA1	S001-582		cannon r at canada ave, near csah-47, 1 mile ne of waterford		CANNRV-S 24
MNPCA1	S001-582		cannon r at canada ave, near csah-47, 1 mile ne of waterford		CSMP 83
MNPCA1	S001-583		cannon r near cr-94, 1.5 mi sw of randolph		CSMP 18
MNPCA1	S003-803		cannon r at maltby nature preserve, 1.3 mi sw of randolph		CSMP 16
MPCAB	00LM003		Cannon River; ford crossing downstream of Alta Ave., 3 mi SW of Randolph		metro surveys 1

Aquatic life NS +Chloride FS 0/11[2] DO12 -- 0/29[4] DO5\_9am FS 0/2[1] DO5\_All FS 0/24[3] DO7 FS 0/5[2] +DOFinal IF[[1]] =pH FS 0/40[4] \$Turbid\_TT\_TSS NS 7/20[4](7/20[4]) 36/136[8] --/--[8])

Ecoregion norms EX =BOD5 EX 3/13[2] =NO2&NO3 EX 6/30[3] =Phosphorus EX 33/80[5]

<b>07040002-512</b>	<b>5B</b>	<b>3.0</b>	<b>Unnamed creek</b>	<b>Headwaters to Prairie Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-940		unnamed trib to prairie ck, .35 mi w of dennison, mn		CSMP 106

Aquatic life NS \$Turbid\_TT\_TSS NS 42/106[5](--/--[5]) 42/106[5] --/--[5])



AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040002-515	5B	12.8	Straight River	Rush Cr to Cannon R	2B, 3B
MNPCA1	S001-581		straight r at 2nd st brg, in faribault		BYLLESBY 75
MNPCA1	S001-581		straight r at 2nd st brg, in faribault		CSMP 326
MNPCA1	S001-933		straight r in se faribault, mn		CSMP 96
MNPCA1	S002-274		straight r, .1 mi upst of mud cr, 4 mi sw of faribault, mn		CSMP 41
MNPCA1	S003-556		straight r at tonka park entrance rd in faribault, mn		CSMP 10
MNPCA1	S003-557		straight r at 227 st e, 2.8 mi se of faribault, mn		MDAWQMP 13
MNPCA1	S003-557		straight r at 227 st e, 2.8 mi se of faribault, mn		LOADSTDY 38
MNPCA1	S003-557		straight r at 227 st e, 2.8 mi se of faribault, mn		CSMP 48
MNPCA1	S003-627		straight r at mouth at confluence with the cannon r		STRT_RIV 18
MPCAB	04LM014		Straight River; Downstream of Hwy 19, 2 miles N of Medford		EMAP 1

Aquatic life NS +Chloride FS 0/40[2] DO12 -- 0/39[3] DO5\_9am FS 0/9[1] DO5\_All FS 0/28[3] DO7 FS 0/11[1] +DOFinal IF[[1]] =pH FS 0/108[5] \$Turbid\_TT\_TSS NS 12/57[5](12/57[5] 102/473[9] 0/10[2]) +Un-ionized ammonia FS 0/36[1]

Ecoregion norms EX =BOD5 OK 1/13[2] =NO2&NO3 EX 44/85[7] =Phosphorus EX 28/128[8]

07040002-516	4A	15.5	Crane Creek	Headwaters (Watkins Lk 81-0013-00) to Straight R	2C
MNPCA1	S003-009		crane ck at csah-22 1.5 mi s of medford		STRT_RIV 162
MNPCA1	S003-609		crane ck (jd-1) at csah-18, 2.6 mi nw of meriden, minnesota		CSMP 26
MNPCA1	S003-609		crane ck (jd-1) at csah-18, 2.6 mi nw of meriden, minnesota		STRT_RIV 98
MPCAB	04LM119		Crane Creek; 1.3 miles W of the town of Clinton Falls		biocriteria 1
MPCAB	07LM020		Crane Creek; Upstream of NW 26th St, 3 mi. NW of Owatonna		ref. ditches 1

Aquatic life NS =pH FS 2/294[8] =Turbid\_TT\_TSS FS 0/30[6](0/30[6] 24/143[6] 0/4[1]) !!!Un-ionized ammonia NS 3/42[8]

Ecoregion norms OK =Phosphorus OK 0/15[5]

07040002-517	5B	10.6	Straight River	CD 25 to Turtle Cr	2B, 3B
MNPCA1	S001-338		straight r 2 mi n of hope, mn		CSMP 53
MNPCA1	S001-343		straight r at csah-31 br, 3.5 mi sw of owatonna, mn		CSMP 20
MNPCA1	S001-343		straight r at csah-31 br, 3.5 mi sw of owatonna, mn		SEREGION 9
MNPCA1	S001-343		straight r at csah-31 br, 3.5 mi sw of owatonna, mn		STRT_RIV 17
MPCAB	04LM033		Straight River; Upstream of Hwy 18, 2 miles S of Owatonna		EMAP 1
MPCAB	04LM131		Straight River; adjacent to CR 3, ~6mi. S of Owatona		biocriteria 1
MPCAB	07LM017		Chub Creek; South of 290th St E, 3 mi. W of Randolph		ref. ditches 1

Aquatic life NS \$Turbid\_TT\_TSS NS 20/84[5](0/3[2] 20/73[4] 0/8[1])

Aquatic recreation IF \$E. coli IF 1/8Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040002-518	4A	17.9	Turtle Creek	Headwaters to Straight R	2B, 3B
MNPCA1	S003-016		turtle ck at csah-45 3 mi s of owatonna		CSMP 35
MNPCA1	S003-016		turtle ck at csah-45 3 mi s of owatonna		STRT_RIV 148
MNPCA1	S003-628		turtle ck near mouth, e of i-35, 4 mi s of owatonna		CSMP 5
MNPCA1	S003-628		turtle ck near mouth, e of i-35, 4 mi s of owatonna		STRT_RIV 18

Aquatic life NS =pH FS 0/290[8] !!!Turbid\_TT\_TSS NS 4/28[4](4/28[4] 14/154[6] 0/8[1]) +Un-ionzed ammonia FS 0/32[8]  
 Ecoregion norms OK =Phosphorus OK 0/13[4]

07040002-519	4A	12.6	Maple Creek	Headwaters to Straight R	2B, 3B
MNPCA1	S003-011		maple ck at csah-1 owatonna		STRT_RIV 161
MNPCA1	S004-366		maple ck near mineral springs rd in owatonna		CSMP 84

Aquatic life FS =pH FS 1/292[8] =Turbid\_TT\_TSS FS 2/28[4](2/28[4] 19/186[6] 0/6[1]) +Un-ionzed ammonia FS 0/32[8]  
 Ecoregion norms OK =Phosphorus OK 0/11[4]

07040002-520	3D	5.8	Pine Creek	T113 R18W S26, west line to Cannon R	1B, 2A, 3B
MNPCA1	S001-941		pine ck 2 mi ne of cannon falls, mn		CSMP 13
MNPCA1	S001-941		pine ck 2 mi ne of cannon falls, mn		MDAWQMP 16
MNPCA1	S002-412		pine ck 200 yd. upst of csah 17, 1.8 mi ne of cannon falls		CSMP 155
MNPCA1	S002-530		pine ck at 280 st. 2.5 mi n of cannon falls, mn		CSMP 57
MNPCA1	S002-530		pine ck at 280 st. 2.5 mi n of cannon falls, mn		LCTMDL 1
MNPCA1	S002-530		pine ck at 280 st. 2.5 mi n of cannon falls, mn		NCANNON 9
MNPCA1	S004-258		jd 1 (pine ck) at csah-85, 3.5 mi nw of cannon falls		NCANNON 9
MPCAB	04LM004		Pine Creek; Upstream of Hwy 20, 1.5 miles N of Cannon Falls		EMAP 1
MPCAB	07LM018		Pine Creek; Upstream of CR 20, 2 mi. N of Cannon Falls		ref. ditches 1
MPCAB	99LM002		Pine Creek; upstream of CR 17		metro surveys 1
MPCAB	99LM003		Pine Creek; upstream of 280th		metro surveys 1

Aquatic life FS +pH FS 2/20[4] =Turbid\_TT\_TSS FS 6/234[8](0/13[4] 6/221[7] --/--[--])  
 Drinking Water NS !!!NO2&NO3 NS 5/18[5]  
 Ecoregion norms EX +NO2&NO3 EX 17/18[5] +Phosphorus OK 0/26[5]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040002-521</b>	<b>5C</b>	<b>11.2</b>	<b>Heath Creek</b>		<b>Headwaters (Union Lk 66-0032-00) to Cannon R</b>		<b>2B, 3B</b>
MNPCA1	S001-787		heath ck at armstrong ave, 1 1/2 mi sw of northfield			CSMP	91
MNPCA1	S001-935		heath cr 7.25 mi w of northfield, mn			CANNRV-S	38
MNPCA1	S001-935		heath cr 7.25 mi w of northfield, mn			CSMP	96
MNPCA1	S003-967		heath ck at aberdeen trail, 6 mi w of northfield, mn			CSMP	21
MNPCA1	S004-389		heath ck just e of edgebrook dr, w of northfield			CSMP	22
MNPCA1	S004-389		heath ck just e of edgebrook dr, w of northfield			CANNRV-S	48
MPCAB	04LM076		Heath Creek; upstream of CR 59/90th street intersection, 4m W of Northfield			biocriteria	1

Aquatic life FS \$Turbid\_TT\_TSS FS 19/236[8](0/1[1] 19/235[8] --/--[--])

Aquatic recreation NS !!!E. coli NS 0/45Ind 2/7mo

<b>07040002-522</b>	<b>5C</b>	<b>9.2</b>	<b>Wolf Creek</b>		<b>Headwaters to Cannon R</b>		<b>2B, 3B</b>
MNPCA1	S001-397		wolf ck at csah-8 brg 1 mi sw of dundas			CANNRV-S	32
MNPCA1	S001-397		wolf ck at csah-8 brg 1 mi sw of dundas			CSMP	358

Aquatic life NS DO12 -- 0/30[1] DO5\_9am FS 0/15[1] DO5\_All FS 0/28[1] DO7 FS 0/2[1] +DOFinal IF[[1]] +pH FS 0/62[1] \$Turbid\_TT\_TSS NS 150/358[8](--/--[--] 150/358[8] --/--[--])

<b>07040002-525</b>	<b>3D</b>	<b>11.4</b>	<b>Unnamed creek</b>		<b>Headwaters to Straight R</b>		<b>2B, 3B</b>
MNPCA1	S003-012		straight r at se 19th ave 5 miles ne of ellendale			STRT_RIV	9

Aquatic life IF +pH FS 0/14[2] +Un-ionzed ammonia FS 0/5[2]

<b>07040002-526</b>	<b>5C</b>	<b>10.4</b>	<b>Little Cannon River (Goodhue County)</b>		<b>T111 R17W S18, west line to Cannon R</b>		<b>2B, 3B</b>
MNPCA1	S001-937		little cannon r, 2.5 mi sw of cannon falls, mn			CSMP	59
MNPCA1	S001-939		little cannon r, 1.2 mi sw of cannon falls, mn			CANNRV-S	52
MNPCA1	S001-939		little cannon r, 1.2 mi sw of cannon falls, mn			CSMP	160
MNPCA1	S002-531		little cannon r at mn park in cannon falls, mn			CSMP	64
MNPCA1	S002-531		little cannon r at mn park in cannon falls, mn			LCTMDL	23
MNPCA1	S004-512		little cannon r at csah-24, 3 mi sw of cannon falls			LKPEPIN	44
MPCAB	04LM038		Little Cannon River; Downstream of County Road 57, 6 miles S of Cannon Falls			EMAP	1

Aquatic life NS DO12 -- 0/40[4] DO5\_9am FS 0/8[2] DO5\_All FS 0/26[4] DO7 FS 0/14[3] +DOFinal IF[[2]] =pH FS 0/80[4] \$Turbid\_TT\_TSS NS 26/66[4](26/66[4] 42/274[7] 0/2[1])

Aquatic recreation NS !!!E. coli NS 6/50Ind 5/7mo

Ecoregion norms EX +NO2&NO3 EX 15/46[3] +Phosphorus EX 11/42[3]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040002-527	5C	24.3	Belle Creek	Headwaters to Cannon R	2B, 3B
MNPCA1	S001-348		belle ck 1.5 mi nw of vasa, mn		CSMP 299
MNPCA1	S002-528		belle ck at 352 st. 1.3 mi s of white rock, mn		CSMP 128
MNPCA1	S002-529		belle ck at white rock trail, 7.5 mi e of cannon falls, mn		SLAKEWEP 1
MNPCA1	S002-529		belle ck at white rock trail, 7.5 mi e of cannon falls, mn		CSMP 166
MNPCA1	S002-532		belle ck at all terrain vehicle brg 6.3 mi sw of red wing mn		LCTMDL 1
MNPCA1	S002-532		belle ck at all terrain vehicle brg 6.3 mi sw of red wing mn		CANNRV-S 53
MNPCA1	S002-532		belle ck at all terrain vehicle brg 6.3 mi sw of red wing mn		CSMP 100
MNPCA1	S004-388		belle ck at csah-8 brg, 6.5 mi w of goodhue		CANNRV-S 49
MNPCA1	S004-388		belle ck at csah-8 brg, 6.5 mi w of goodhue		ROOTRWM 1
MPCAB	04LM090		Belle Creek; Upstream up Co. 19. About 1.5 miles west of Vasa.		biocriteria 1

Aquatic life NS \$Turbid\_TT\_TSS NS 123/497[10](1/3[2] 122/494[10] --/--[--])

Aquatic recreation NS !!!E. coli NS 8/57Ind 5/7mo

07040002-528	4A	22.8	Chub Creek	Headwaters to Cannon R	2B, 3B
MNPCA1	S001-601		chub ck at canada ave brg, 4 mi ne of northfield		CSMP 109
MNPCA1	S001-666		chub ck, at brg crossing of csah-23, 4.5 mi nw of northfield		CHUBCK 42
MNPCA1	S001-668		chub ck, bridge on csah-47, 2.5 mi w of randolph		CHUBCK 22
MNPCA1	S001-669		chub ck, betwn csah-83 & mn-56 on ferguson farm in randolph		CHUBCK 21
MNPCA1	S001-670		chub ck, at state hwy 3, 3 mi n of northfield		CHUBCK 43
MNPCA1	S001-786		chub ck, old stone brg cooper ave, 1 mi w us-56 at randolph		BYLLESBY 28
MNPCA1	S001-786		chub ck, old stone brg cooper ave, 1 mi w us-56 at randolph		CSMP 27
MNPCA1	S002-533		chub ck at cr-83. 0.2 mi s of randolph, mn		NCANNON 9
MNPCA1	S002-533		chub ck at cr-83. 0.2 mi s of randolph, mn		CHUBCK 17
MNPCA1	S002-533		chub ck at cr-83. 0.2 mi s of randolph, mn		CSMP 92
MPCAB	00LM006		Chub Creek; upstream of Hwy 3		metro surveys 1
MPCAB	00LM007		Chub Creek; upstream of Dakota C.R. 83 in Randolph		metro surveys 1

Aquatic life NS DO12 -- 5/51[5] DO5\_9am NS 1/12[2] DO5\_All NS 5/41[5] DO7 FS 0/10[5] !!!DOFinal NS[2] ] =pH FS 0/92[5] !!!Turbid\_TT\_TSS NS 4/39[5](4/39[5] 22/234[9] --/--[--]) +Un-ionzed ammonia FS 0/117[5]

Aquatic recreation IF \$E. coli IF 5/9Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 3 12[2] <>Phosphorus OK 6/74[8]

07040002-529	3D	6.1	Unnamed creek	Unnamed cr to Union Lk	2B, 3B
MNPCA1	S002-244		unnamed trib 8 mi w of northfield, mn		CSMP 99

Aquatic life FS =Turbid\_TT\_TSS FS 0/99[5](--/--[--] 0/99[5] --/--[--])

**Basin: LM**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07040002-533</b>	<b>3D</b>	<b>3.2</b>	<b>Straight River</b>	<b>Unnamed cr to CD 64</b>	<b>2B, 3B</b>	
MNPCA1	S003-014		straight r at sw 128th st 3 mi ne of ellendale		STRT_RIV	9
Aquatic life	IF		+pH FS 0/14[2] +Un-ionzed ammonia FS 0/5[2]			
<b>07040002-534</b>	<b>3D</b>	<b>10.2</b>	<b>Straight River</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-013		straight r at se 14th ave 4.5 miles ne of ellendale		STRT_RIV	9
Aquatic life	IF		+pH FS 0/14[2] +Un-ionzed ammonia FS 0/5[2]			
<b>07040002-535</b>	<b>5B</b>	<b>7.2</b>	<b>Straight River</b>	<b>Turtle Cr to Owatonna Dam</b>	<b>2B, 3B</b>	
MNPCA1	S003-015		straight r at sw 28th st 1 mi sw of owatonna		STRT_RIV	149
Aquatic life	NS		=pH FS 0/292[8] \$Turbid_TT_TSS NS 4/28[4](4/28[4] 9/121[6] --[--]) +Un-ionzed ammonia FS 0/31[8]			
Ecoregion norms	OK		+Phosphorus OK 0/10[3]			
<b>07040002-536</b>	<b>5C</b>	<b>6.6</b>	<b>Straight River</b>	<b>Crane Cr to Rush Cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-374		straight r at co. rd. 98 bridge on rice/steele co. line		CSMP	148
Aquatic life	NS		\$Turbid_TT_TSS NS 21/148[7](--[--] 21/148[7] --[--])			
<b>07040002-537</b>	<b>3A</b>	<b>0.9</b>	<b>Straight River</b>	<b>Owatonna Dam to Maple Cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-711		straight r at north st brg in owatonna		CSMP	8
MNPCA1	S004-711		straight r at north st brg in owatonna		CANNRV-S	25
Aquatic life	FS		+Chloride FS 0/8[1] DO12 -- 0/22[1] DO5_9am FS 0/3[1] DO5_All FS 0/19[1] DO7 FS 0/3[1] +DOFinal IF[[1]] +Turbid_TT_TSS FS 2/31[2](--[--] 2/31[2] --[--])			
Aquatic recreation	IF		+E. coli IF 0/1Ind 0/0mo			
<b>07040002-539</b>	<b>2</b>	<b>2.8</b>	<b>Cannon River</b>	<b>Byllesby Dam to Little Cannon R</b>	<b>2B, 3C</b>	
MNPCA1	S001-784		cannon r, brg at 9th st n in city of cannon falls		BYLLESBY	65
MNPCA1	S001-784		cannon r, brg at 9th st n in city of cannon falls		CSMP	130
MNPCA1	S002-538		cannon r .25 mi dwnst of byllesby dam 1 mi w of cannon falls		CSMP	66
MNPCA1	S003-818		cannon r in Riverside park in cannon falls, mn		CSMP	13
MPCAB	00LM002		Cannon River; upstream of Hwy 20 in Cannon Falls		metro surveys	1
Aquatic life	FS		=pH FS 0/22[3] <>Turbid_TT_TSS FS 15/216[9](0/16[5] 15/200[8] --[--])			
Ecoregion norms	EX		=NO2&NO3 EX 6/23[3] =Phosphorus OK 1/65[4]			

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040002-540	5C	5.5	Cannon River	Cannon Lk to Straight R	2B, 3B
MNPCA1	S001-783		cannon r at hulet ave brg in faribault		CSMP 547
MNPCA1	S001-783		cannon r at hulet ave brg in faribault		CANNRV-S 61
MNPCA1	S001-783		cannon r at hulet ave brg in faribault		BYLLESBY 72
MNPCA1	S001-934		cannon r at pier iN TWO RIVERs pk in faribault, mn		CSMP 13
MNPCA1	S001-934		cannon r at pier iN TWO RIVERs pk in faribault, mn		CANNRV-S 24

Aquatic life NS +Chloride FS 0/10[2] DO12 -- 0/29[2] DO5\_9am FS 0/2[1] DO5\_All FS 0/24[2] DO7 FS 0/5[2] +DOFinal IF[[1]] =pH FS 1/42[3] \$Turbid\_TT\_TSS NS 7/27[3](7/27[3] 24/605[8] 0/2[1])

Aquatic recreation NS !!!E. coli NS 0/45Ind 1/5mo

Ecoregion norms EX =BOD5 EX 5 13[2] =NO2&NO3 OK 0/33[3] =Phosphorus EX 15/71[4]

07040002-542	3D	49.9	Cannon River	Headwaters to Cannon Lk	2B, 3B
MNPCA1	S001-683		cannon r at csah 37, 2.9 mi wsw of shieldsville		CSMP 65
MNPCA1	S002-413		cannon r at csah 13 .25 mi n of warsaw, mn		CSMP 3
MNPCA1	S002-465		cannon r at csah-12, 3.2 mi nw of waterville, mn		UPPERCAN 39
MNPCA1	S002-465		cannon r at csah-12, 3.2 mi nw of waterville, mn		RNC 7
MNPCA1	S002-465		cannon r at csah-12, 3.2 mi nw of waterville, mn		CSMP 87
MNPCA1	S003-487		cannon r at csah 16 brg in morristown		CANNRV-S 5
MNPCA1	S003-487		cannon r at csah 16 brg in morristown		RNC 1
MNPCA1	S003-487		cannon r at csah 16 brg in morristown		UPPERCAN 28
MNPCA1	S003-575		cannon r at l sakatah otltl spillway, 2.5 mi nw of morristown		RNC 2
MNPCA1	S004-447		cannon r at csah-3, s of lk dora, 1.5 mi n of kilkenney		UPPERCAN 37
MNPCA1	S004-448		cannon r at 450th st, s of lk sabre, 3 mi sw of kilkenney		UPPERCAN 38
MNPCA1	S004-450		cannon r at csah-44 walking brg in morristown		UPPERCAN 10
MNPCA1	S005-018		cannon r at cr-136 brg, 5 mi se of le center		GSLAP-S 13
MNPCA1	S005-019		cannon r at csah-2 brg, 3 mi w of kilkenney		GSLAP-S 13
MPCAB	04LM081		Cannon River; upstream of C.R. 5, 5 mi. N.W. of Waterville		biocriteria 1

Aquatic life FS +Chloride FS 0/33[2] =Turbid\_TT\_TSS FS 2/38[3](2/38[3] 1/155[8] 0/28[3])

Aquatic recreation NS !!!E. coli NS 0/47Ind 2/6mo

Ecoregion norms EX +BOD5 EX 16/37[2] +NO2&NO3 EX 100/171[3] +Phosphorus EX 49/58[4]

07040002-556	3D	4.3	Judicial Ditch 1	Unnamed cr to Crane Cr	2B, 3B
MNPCA1	S001-781		jd no. 1 at csah-18, 6 mi e of waseca		CSMP 195
MNPCA1	S001-781		jd no. 1 at csah-18, 6 mi e of waseca		BYLLESBY 1
MNPCA1	S004-526		jd #1 (crane ck) at us-14 brg, 1 mi n of meriden		SEREGION 9

Aquatic life NS !!!Turbid\_TT\_TSS NS 23/205[8](--/--[2] 21/203[8] 2/2[1])

Aquatic recreation IF +E. coli IF 2/8Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				

<b>07040002-557</b>	<b>5C</b>	<b>1.4</b>	<b>Unnamed creek (Spring Brook)</b>	<b>Unnamed cr to Cannon R</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S001-444		rice cr 1 mi n of dundas, mn		CSMP	291	
MNPCA1	S001-444		rice cr 1 mi n of dundas, mn		MDAWQMP	14	
MNPCA1	S001-445		rice cr w side of northfield, mn		CSMP	105	
MNPCA1	S001-445		rice cr w side of northfield, mn		CANNRV-S	58	
MNPCA1	S001-445		rice cr w side of northfield, mn		SPRINGBK	51	
MPCAB	04LM077		Rice Creek; 1 mile West of Northfield at Decker Ave bridge crossing.		biocriteria	1	

Aquatic life NS \$Turbid\_TT\_TSS NS 56/429[10](0/1[1] 56/426[10] 0/2[2])  
 Aquatic recreation NS !!!E. coli NS 13/56Ind 6/7mo  
 Drinking Water NS !!!NO2&NO3 NS 18/28[5]  
 Ecoregion norms EX +NO2&NO3 EX 28/28[5] +Phosphorus EX 8/64[5]

<b>07040002-558</b>	<b>5C</b>	<b>2.4</b>	<b>Mud Creek</b>	<b>Unnamed cr to Chub Cr</b>	<b>2B, 3B</b>		
MNPCA1	S001-347		mud ck at mn-3 br, 3 mi n of northfield, mn		CHUBCK	44	
MNPCA1	S001-347		mud ck at mn-3 br, 3 mi n of northfield, mn		CSMP	72	
MNPCA1	S001-347		mud ck at mn-3 br, 3 mi n of northfield, mn		NCANNON	9	

Aquatic life NS DO12 -- 7/43[5] DO5\_9am NS 1/8[3] DO5\_All NS 7/34[5] DO7 FS 0/9[5] !!!DOFinal NS[[2]] =pH FS 1/88[5] !!!Turbid\_TT\_TSS NS 3/30[3](3/30[3] 6/85[5] --/--[--])  
 +Un-ionized ammonia FS 1/39[5]  
 Aquatic recreation IF \$E. coli IF 3/9Ind 0/0mo  
 Ecoregion norms EX =Phosphorus EX 7/46[5]

<b>07040002-560</b>	<b>3A</b>	<b>6.1</b>	<b>Waterville Creek</b>	<b>Hands Marsh to Upper Sakatah Lk</b>	<b>2B, 3B</b>		
MNPCA1	S001-586		waterville ck near reed st, 1 mi se of waterville		CANNRV-S	19	
MNPCA1	S001-586		waterville ck near reed st, 1 mi se of waterville		CSMP	11	
MNPCA1	S004-449		waterville ck at corner of 3rd & hoosac st in waterville		UPPERCAN	39	
MPCAB	04LM080		Waterville Creek; 1 miles south of Waterville @ bridge crossing of unnamed road between CR3 and Hwy 13.		biocriteria	1	

Aquatic life NS !!!Turbid\_TT\_TSS NS 5/38[3](5/38[3] 0/31[2] --/--[--])  
 Aquatic recreation NS !!!E. coli NS 14/53Ind 3/5mo  
 Ecoregion norms EX +BOD5 EX 5 37[2] +NO2&NO3 EX 37/38[3] +Phosphorus EX 21/38[3]

<b>07040002-562</b>	<b>3A</b>	<b>3.7</b>	<b>Unnamed creek (Spring Brook)</b>	<b>Headwaters to T111 R20W S9, north line</b>	<b>2B, 3B</b>		
MNPCA1	S001-446		unnamed trib 1 1/4 mi nw of dundas, mn		SPRINGBK	50	
MNPCA1	S001-446		unnamed trib 1 1/4 mi nw of dundas, mn		CSMP	13	
MNPCA1	S001-446		unnamed trib 1 1/4 mi nw of dundas, mn		CANNRV-S	48	

Aquatic life NS !!!Turbid\_TT\_TSS NS 8/69[4](--/--[--] 8/65[4] 0/4[2])  
 Aquatic recreation NS !!!E. coli NS 4/47Ind 3/6mo  
 Ecoregion norms EX +NO2&NO3 EX 13 13[1] +Phosphorus EX 16/49[3]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				
<b>07040002-566</b>	<b>5C</b>	<b>7.0</b>	<b>Chub Creek, North Branch</b>		<b>T113 R19W S19, west line to Chub Cr</b>	<b>2C</b>	
MNPCA1	S001-403		n br chub ck at cr-51 2.5 mi ne of castle rock			CSMP	16
MNPCA1	S001-671		n branch Chub Creek, at 290th st, 2.5 mi w of randolph			NCANNON	9
MNPCA1	S001-671		n branch Chub Creek, at 290th st, 2.5 mi w of randolph			CHUBCK	43
MPCAB	00LM004		North Branch Chub Creek; upstrem of twp road (290th St.)			metro surveys	1
Aquatic life	FS	DO12 -- 1/42[5] DO5_9am FS 0/7[3] DO5_All FS 1/33[5] DO7 FS 0/9[5] +DOFinal IF[[2]] =pH FS 0/88[5] =Turbid_TT_TSS FS 1/31[3](1/31[3] 4/32[4] --/--[--]) +Un-ionized ammonia FS 0/38[5]					
Aquatic recreation	IF	\$E. coli IF 2/9Ind 0/0mo					
Ecoregion norms	OK	<>Phosphorus OK 2/45[5]					
<b>07040002-567</b>	<b>5C</b>	<b>2.7</b>	<b>Unnamed creek (Trout Brook)</b>		<b>Unnamed cr to Cannon R (trout stream portion)</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S001-936		trout bk 4 mi s of miesville, mn			CSMP	87
MNPCA1	S001-936		trout bk 4 mi s of miesville, mn			LCTMDL	1
MNPCA1	S001-936		trout bk 4 mi s of miesville, mn			MDAWQMP	12
MNPCA1	S001-936		trout bk 4 mi s of miesville, mn			NCANNON	9
MPCAB	99LM001		Trout Brook; upstream of mouth in Dakota County park			metro surveys	1
Aquatic life	NS	+pH FS 2/14[2] \$Turbid_TT_TSS NS 18/96[6](0/10[3] 18/86[5] --/--[--])					
Drinking Water	FS	+NO2&NO3 FS 12/12[3]					
Ecoregion norms	EX	+NO2&NO3 EX 12/12[3] +Phosphorus OK 0/20[3]					
<b>07040002-568</b>	<b>3D</b>	<b>4.0</b>	<b>Unnamed creek (Spring Creek)</b>		<b>Unnamed cr to Cannon R</b>	<b>2B, 3B</b>	
MNPCA1	S001-938		spring cr in northfield, mn			CSMP	28
MNPCA1	S002-535		spring ck upst of lyman lk at carleton college in northfield			CSMP	22
MNPCA1	S003-554		spring ck s of woodley st e in northfield, mn			CSMP	138
MNPCA1	S003-555		spring ck w of spring ck rd in northfield, mn			CSMP	138
MNPCA1	S004-917		unn ck (spring ck) at mn-19 in northfield			CANNRV-S	27
Aquatic life	FS	=Turbid_TT_TSS FS 7/202[7](--/--[--] 7/202[7] --/--[--])					
Aquatic recreation	FS	+E. coli FS 0/25Ind 0/2mo					
<b>07040002-569</b>	<b>3A</b>	<b>8.4</b>	<b>Spring Creek</b>		<b>T112 R15W S18, west line to T113 R15W S34, north line</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-806		spring ck at peaceful ridge brg in red wing			MTRIBS-S	24
MPCAB	04LM037		Spring Creek; Downstream of CR 6, 5 miles WSW of Red Wing			EMAP	1
Aquatic life	NS	+Chloride FS 0/16[1] DO12 -- 0/20[2] DO5_9am FS 0/3[1] DO5_All FS 0/19[2] DO7 FS 0/1[1] +DOFinal IF[[0]] +pH FS 0/36[2] !!!Turbid_TT_TSS NS 17/25[2](12/16[2] 5/9[1] --/--[--]) +Un-ionized ammonia FS 0/9[1]					
Aquatic recreation	NS	!!!E. coli NS 3/15Ind 0/0mo					
Drinking Water	FS	+NO2&NO3 FS 0/17[2]					
Ecoregion norms	EX	+NO2&NO3 EX 17/17[2] +TSS EX 10/16[2]					



AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
07040002-571	5C	4.4	Spring Creek		T113 R15W S27, south line to Hay Cr	2B, 3B	
MNPCA1	S002-534		spring ck at industrial road in red wing, mn			CSMP	122
Aquatic life	NS		\$Turbid_TT_TSS NS 18/122[5](--/--[--] 18/122[5] --/--[--])				
07040002-573	3A	1.5	Unnamed creek (Trout Brook)		T113 R17W S27, east line to Unnamed cr	1B, 2A, 3B	
MNPCA1	S002-536		trout bk w br at miesville trail 5 mi ne of cannon falls, mn			CSMP	18
MNPCA1	S002-536		trout bk w br at miesville trail 5 mi ne of cannon falls, mn			NCANNON	9
MPCAB	04LM144		Trout Brook; upstream of CR 91, 6 miles NE of Cannon Falls			biocriteria	2
MPCAB	99LM004		Trout Brook; upstream of CR 91			metro surveys	1
Aquatic life	FS		+pH FS 1/18[3] +Turbid_TT_TSS FS 2/30[5](0/11[3] 2/19[4] --/--[--])				
Drinking Water	NS		!!!NO2&NO3 NS 2/2[1]				
Ecoregion norms	OK		+Phosphorus OK 0/10[2]				
07040002-576	3A	11.5	MacKenzie Creek		T108 R21W S7, west line to Cannon Lk	2C	
MNPCA1	S002-456		mackenzie ck w of dodge court, 1.9 mi ne of warsaw, mn			CSMP	5
MNPCA1	S004-848		mackenzie ck at 240th st w, 4.5 mi ne of morristown			CANNRV-S	18
Aquatic life	FS		+Turbid_TT_TSS FS 2/23[2](--/--[--] 2/23[2] --/--[--])				
Aquatic recreation	NS		!!!E. coli NS 1/18Ind 1/1mo				
07040002-577	3A	2.3	Devil's Creek		Unnamed cr to Cannon R	2B, 3B	
MNPCA1	S004-845		devil's ck at csah-16, 2 mi nw of morrstown			CANNRV-S	17
Aquatic recreation	IF		+E. coli IF 0/17Ind 0/1mo				
07040002-578	3A	5.6	Little Cannon River/County Ditch 66 (Le		Headwaters to Sabre Lk	2B, 3B	
MNPCA1	S005-020		little cannon r at mn-13 brg, 1.5 mi sw of kilkenney			GSLAP-S	13
Aquatic life	IF		+Chloride FS 0/12[1]				
Aquatic recreation	IF		+E. coli IF 0/11Ind 0/0mo				
Ecoregion norms	EX		+NO2&NO3 EX 7/13[1] +Phosphorus EX 9/13[1]				
07040002-580	3A	0.4	Unnamed creek (Trout Brook)		Unnamed cr to Unnamed cr	1B, 2A, 3B	
MNPCA1	S002-537		trout bk e br at miesville trail 5 mi ne of cannon falls, mn			NCANNON	9
MNPCA1	S002-537		trout bk e br at miesville trail 5 mi ne of cannon falls, mn			CSMP	18
MPCAB	99LM005		trib. to Trout Brook; upstream of CR 91			metro surveys	1
Aquatic life	FS		+pH FS 0/14[2] +Turbid_TT_TSS FS 2/28[5](0/9[2] 2/19[4] --/--[--])				
07040002-581	4A	0.8	Cannon River		Straight R to T110 R20W S19, SE1/4 line	2B, 3B	
MNPCA1	S000-543		Cannon River at straight r. at faribault			CANNRV-S	50
Aquatic recreation	NS		!!!E. coli NS 5/50Ind 3/6mo				

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040002-582</b>	<b>5B</b>	<b>11.1</b>	<b>Cannon River</b>	<b>T110 R20W S19, NE1/4 line to Wolf Cr</b>	<b>2B, 3C</b>
MNPCA1	S000-038		cannon r. csah-29 by faribault		CANNRV-S 48
MNPCA1	S001-344		Cannon River 3 mi s of northfield, mn		CSMP 44
MNPCA1	S003-816		cannon r dnst of rr trestle 1 mi ne of faribault		CSMP 43
MPCAB	04LM078		Cannon River; west of CR 20, ~5mi. SW of Northfield		biocriteria 1

Aquatic life NS \$Turbid\_TT\_TSS NS 16/111[8](0/1[1] 16/110[7] --/--)

Aquatic recreation NS !!!E. coli NS 5/47Ind 4/5mo

<b>07040002-589</b>	<b>5C</b>	<b>11.0</b>	<b>Little Cannon River (Goodhue County)</b>	<b>T110 R18W S10, west line to T111 R18W S13, east line</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-436		little cannon r 3 mi s of sogn, mn		CANNRV-S 23
MNPCA1	S001-436		little cannon r 3 mi s of sogn, mn		CSMP 289
MNPCA1	S004-511		little cannon r at csah-9 at sogn		LKPEPIN 43
MPCAB	04LM086		Little Cannon River; Leon Township, ~7.5mi. S of Cannon Falls		biocriteria 2

Aquatic life NS DO12 -- 1/23[3] DO5\_9am FS 0/8[2] DO5\_All FS 1/14[3] DO7 FS 0/9[2] +DOFinal IF[[1]] +pH FS 0/46[3] \$Turbid\_TT\_TSS NS 28/43[3](28/43[3] 97/283[10] 0/1[1])

Aquatic recreation NS !!!E. coli NS 7/23Ind 1/1mo

Drinking Water NS !!!NO2&NO3 NS 3 46[3]

Ecoregion norms EX +NO2&NO3 EX 18/46[3] +Phosphorus EX 9/42[3]

<b>07040002-590</b>	<b>3A</b>	<b>1.9</b>	<b>Butler Creek</b>	<b>Unnamed cr to Cannon R</b>	<b>2B, 3B</b>
MNPCA1	S004-804		butler ck at csah-14 brg, 4 mi s of cannon falls		MTRIBS-S 25
MPCAB	04LM085		Butler Creek; just upstream of Hwy 52, ~3.5 miles S of Cannon Falls		biocriteria 1

Aquatic life NS +Chloride FS 0/15[1] DO12 -- 0/23[1] DO5\_9am FS 0/3[1] DO5\_All FS 0/19[1] DO7 FS 0/4[1] +DOFinal IF[[1]] +pH FS 0/44[2] !!!Turbid\_TT\_TSS NS 4/26[2](3/16[2] 1/10[1] --/--)

Aquatic recreation NS !!!E. coli NS 4/15Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 2/16[2]

<b>07040002-603</b>	<b>3A</b>	<b>2.1</b>	<b>Knowles Creek</b>	<b>Unnamed cr to Union Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-965		unn (knowles) ck at 80th st w, 7 mi w of northfield, mn		CSMP 21
Aquatic life	NS		!!!Turbid_TT_TSS NS 4/21[2](--/--) 4/21[2] --/--)		

<b>07040002-604</b>	<b>3A</b>	<b>2.3</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S004-159		unn trib to straight r at eaton & 260th, 2.5 mi ne medford		CSMP 49

Aquatic life FS +Turbid\_TT\_TSS FS 0/49[3](--/--) 0/49[3] --/--)

<b>07040002-621</b>	<b>3A</b>	<b>2.4</b>	<b>County Ditch 63</b>	<b>Unnamed cr to Lk Dora</b>	<b>2B, 3B</b>
MNPCA1	S004-847		cd-63 (l dora ck) at csah-3, s of mn-99, just ne of doyle		CANNRV-S 17

Aquatic recreation IF +E. coli IF 1/16Ind 0/0mo

**Basin: LM**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07040002-646</b>	<b>4A</b>	<b>1.7</b>	<b>Cannon River</b>	<b>North branch of split to Vermillion R</b>	<b>2B, 3C</b>	
LTRM	CN00.1M		Cannon River .1 MN TRIB mid-stream 01/24/1990 09/18/2002			131
Aquatic life	NS		+Chloride FS 0/60[5] DO12 -- 0/124[10] DO5_9am FS 0/1[1] DO5_All FS 0/62[9] DO7 FS 0/62[10] +DOFinal IF[[8]] \$Turbid_TT_TSS NS 28/130[10](28/130[10] --/--[--] --/--[--])			
<b>07040002-699</b>		<b>0.6</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Belle Cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-805		unn str to belle ck, e of white rk trl, 7 mi e of cann falls			MTRIBS-S 25
Aquatic life	IF		+Chloride FS 0/15[1] DO12 -- 0/22[1] DO5_9am FS 0/4[1] DO5_All FS 0/18[1] DO7 FS 0/4[1] +DOFinal IF[[1]] +pH FS 0/40[1] +Un-ionzed ammonia FS 0/10[1]			
Aquatic recreation	IF		+E. coli IF 3/15Ind 0/0mo			
Ecoregion norms	EX		+NO2&NO3 EX 13 15[1]			
<b>07040002-700</b>		<b>0.9</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Roberds Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-546		unn strm (roberds lk inlet), .5 mi w of roberds lk blvd			ROBERDS 13
Ecoregion norms	EX		+Phosphorus EX 13/13[1]			
<b>07040002-702</b>		<b>4.2</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Cannon R</b>	<b>2B, 3B</b>	
MNPCA1	S004-843		unn str (crocker's ck) at 7th st and wilson ave n faribault			CANNRV-S 23
Aquatic recreation	NS		!!!E. coli NS 4/23Ind 0/0mo			
<b>07040002-703</b>		<b>2.2</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Cannon R</b>	<b>2B, 3B</b>	
MNPCA1	S004-849		unn str (n grove church ck) at mn-3, 3.5 mi n of faribault			CANNRV-S 24
Aquatic recreation	IF		+E. coli IF 1/23Ind 0/0mo			
<b>07040002-704</b>		<b>3.3</b>	<b>Falls Creek</b>	<b>Unnamed cr to Straight R</b>	<b>2B, 3B</b>	
MNPCA1	S004-846		falls ck, 1/8 mi n of mn-60, 1 mi e of faribault			CANNRV-S 24
Aquatic recreation	IF		+E. coli IF 0/23Ind 0/0mo			
<b>07040002-705</b>		<b>2.9</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Cannon R</b>	<b>2B, 3B</b>	
MNPCA1	S004-878		unn str (Riverside cemetery ck) at csah-15, e of morristown			CANNRV-S 17
Aquatic recreation	NS		!!!E. coli NS 3/17Ind 1/1mo			
<b>07040002-706</b>		<b>0.8</b>	<b>Whitewater Creek</b>	<b>Unnamed cr to Waterville Cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-877		whitewater ck at csah-3 in waterville			CANNRV-S 18
Aquatic recreation	NS		!!!E. coli NS 1/18Ind 1/1mo			
<b>07040002-903</b>	<b>3D</b>	<b>0.9</b>	<b>Unnamed creek</b>	<b>Headwaters to Cannon R</b>	<b>2B, 3B</b>	
MNPCA1	S002-527		unn trib to cannon r at telemark rd. 1.5 mi s of dundas, mn			CSMP 54
Aquatic life	FS		=Turbid_TT_TSS FS 3/54[5](--/--[--] 3/54[5] --/--[--])			

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: LM</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

**HUC: 07040003      DNR Major: 40      HUC NAME: MISS R-Winona**

07040003-505	5B	21.7	Whitewater River, South Fork	Headwaters to T106 R10W S2, east line	2B, 3B
MNPCA1	S000-288		whitewater r s fk n of cr-115 3.5 mi nw of utica		SEREGION 15
MNPCA1	S000-288		whitewater r s fk n of cr-115 3.5 mi nw of utica		CSMP+ 5
MNPCA1	S000-288		whitewater r s fk n of cr-115 3.5 mi nw of utica		CSMP 109
MNPCA1	S000-288		whitewater r s fk n of cr-115 3.5 mi nw of utica		13
MNPCA1	S000-288		whitewater r s fk n of cr-115 3.5 mi nw of utica		MILE 55
MNPCA1	S000-288		whitewater r s fk n of cr-115 3.5 mi nw of utica		MERCLKS/ 2
MNPCA1	S000-327		s fk whitewater r at csah-10 at dover		CSMP 61
MNPCA1	S001-824		s fk whitewtr r, 500 ft n of us-14, 1/2 mi w of st. charles		CSMP 98
MNPCA1	S001-824		s fk whitewtr r, 500 ft n of us-14, 1/2 mi w of st. charles		CSMP+ 6
MNPCA1	S001-826		s fk whtwt r, st. charls tnshp rd 17, 1/2 mi n st. charles		CSMP+ 6
MNPCA1	S001-826		s fk whtwt r, st. charls tnshp rd 17, 1/2 mi n st. charles		CSMP 97
MPCAB	04LM020		South Fork Whitewater River; Directly North of St. Charles		EMAP 2

Aquatic life      NS      +Chloride FS 0/8[2] DO12 -- 0/57[10] DO5\_9am FS 0/1[1] DO5\_All FS 0/33[6] DO7 FS 0/24[9] +DOFinal IF[[0]] =pH FS 1/114[10] \$Turbid\_TT\_TSS NS 14/63[10](14/63[10] 46/237[7] 0/4[1]) +Un-ionzed ammonia FS 0/46[9]

Aquatic recreation      NS      !!!E. coli NS 12/49Ind 7/7mo

Ecoregion norms      EX      +BOD5 OK 0/16[4] =NO2&NO3 EX 48/49[10] =Phosphorus EX 27/42[9]

07040003-512	5B	11.5	Whitewater River, South Fork	T106 R10W S1, west line to N Fk Whitewater R	1B, 2A, 3B
MNPCA1	S000-321		s fk whitewater r at cr-112 2 mi w of altura		WWGBTURB 58
MNPCA1	S000-321		s fk whitewater r at cr-112 2 mi w of altura		MDAWQMP 20
MNPCA1	S001-743		s fk whitewater r at csah 26, 1 mi e of elba, mn		CSMP 159
MNPCA1	S001-743		s fk whitewater r at csah 26, 1 mi e of elba, mn		CSMP+ 4
MNPCA1	S002-406		whitewater r, s fk, at csah 37, 1.75 mi se of elba, mn		CSMP 12
MNPCA1	S002-406		whitewater r, s fk, at csah 37, 1.75 mi se of elba, mn		SETRT-S 1
MPCAB	04LM068		South Fork White Water River; St.Charles township, in Whitewater Wildlife Management Area, 4.5 miles NE of St. Charles		EMAP 1
MPCAB	04LM102		South Fork Whitewater River; downstream of CR 112, 2.1 miles W of Altura		biocriteria 1

Aquatic life      NS      =pH FS 3/118[4] \$Turbid\_TT\_TSS NS 31/65[6](31/65[6] 22/173[8] 1/1[1])

Drinking Water      NS      !!!NO2&NO3 NS 4/22[5]

Ecoregion norms      EX      +NO2&NO3 EX 19/22[5] +Phosphorus EX 6/22[5]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
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07040003-514	5B	12.4	Whitewater River, Middle Fork	T107 R11W S35, west line to N Fk Whitewater R	1B, 2A, 3B
MNPCA1	S001-769		whitewater r, mid fk at state park rd 5 mi n of st. charles		CSMP 157
MNPCA1	S001-769		whitewater r, mid fk at state park rd 5 mi n of st. charles		CSMP+ 4
MNPCA1	S001-825		middle fk whitewater r, at brg at mn-74, at elba		CSMP+ 4
MNPCA1	S001-825		middle fk whitewater r, at brg at mn-74, at elba		CSMP 167
MNPCA1	S001-831		mid fk whtwt r at cr-107, 5 mi n of st. charles		CSMP 55
MNPCA1	S001-831		mid fk whtwt r at cr-107, 5 mi n of st. charles		MDAWQMP 283
MNPCA1	S001-831		mid fk whtwt r at cr-107, 5 mi n of st. charles		WWGBTURB 58
MNPCA1	S001-832		mid fk whtwt r, 1/2 mi n of cr-152, 5 mi n of st. charles		CSMP 254
MNPCA1	S001-832		mid fk whtwt r, 1/2 mi n of cr-152, 5 mi n of st. charles		CSMP+ 7
MPCAB	04LM035		Middle Fork Whitewater River; Upstream of CR 107, 4 miles NW of St. Charles		EMAP 1

Aquatic life NS =pH FS 0/118[4] \$Turbid\_TT\_TSS NS 41/71[6](41/71[6] 66/524[8] 15/55[4])  
 Drinking Water NS !!!NO2&NO3 NS 52/347[11]  
 Ecoregion norms EX +NO2&NO3 EX 253 347[11] +Phosphorus EX 103/281[11]

07040003-515	5C	9.0	Whitewater River, Middle Fork	Headwaters to T107 R11W S34, east line	2B, 3B
MNPCA1	S002-073		mid fk whitewater r on csah-9 brg, 3.5 mi nw of dover		CSMP 35
MNPCA1	S002-074		mid fk whitewater r at csah-10 brg, 3.5 mi n of dover		CSMP+ 3
MNPCA1	S002-074		mid fk whitewater r at csah-10 brg, 3.5 mi n of dover		CSMP 99

Aquatic life NS \$Turbid\_TT\_TSS NS 38/131[6](0/3[1] 38/128[6] --/--)

07040003-523	5C	1.4	Whitewater River, North Fork	M Fk Whitewater R to S Fk Whitewater R	1B, 2A, 3B
MNPCA1	S001-744		n fk whitewater r at csah 26, .4 mi ne of elba, mn		CSMP 167
MNPCA1	S001-744		n fk whitewater r at csah 26, .4 mi ne of elba, mn		CSMP+ 5

Aquatic life NS \$Turbid\_TT\_TSS NS 21/166[7](1/5[1] 20/161[7] --/--)

07040003-529	5C	1.6	Peterson Creek	T106 R8W S7, west line to Garvin Bk	1B, 2A, 3B
MNPCA1	S000-839		Peterson Creek at the arches		WWGBTURB 28
MNPCA1	S000-839		Peterson Creek at the arches		CSMP 13

Aquatic life FS =pH FS 2/56[2] =Turbid\_TT\_TSS FS 2/28[2](2/28[2] 0/13[1] --/--)

07040003-533	5A	10.7	Rollingstone Creek	Unnamed cr to Garvin Bk	1B, 2A, 3B
MNPCA1	S001-532		rollingstone ck at middle vly rd brg, 1.5 mi nw of mn city		WWGBTURB 13
MNPCA1	S001-532		rollingstone ck at middle vly rd brg, 1.5 mi nw of mn city		CSMP 11
MNPCA1	S001-718		rollingstone cr at csah 248 in rollingstone, mn		CSMP 7
MNPCA1	S001-952		rollingstone cr at br near lumberyard in rollingstone, mn		CSMP 7

Aquatic life NS =pH FS 0/22[1] \$Turbid\_TT\_TSS NS 15/32[3](13/13[1] 2/19[3] --/--)

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
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<b>07040003-535</b>	<b>3D</b>	<b>4.8</b>	<b>Gilmore Creek</b>	<b>T106 R7W S6, south line to Bollers Lk (85-0010-00)</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-728		gilmore cr, 1.1 mi s of winona, mn		CSMP 193
MNPCA1	S001-728		gilmore cr, 1.1 mi s of winona, mn		SETRT-S 1
MPCAB	04LM100		Gilmore Creek; At Gilmore Avenue bridge in SW Winona.		biocriteria 1

Aquatic life FS =Turbid\_TT\_TSS FS 4/195[8](0/2[2] 4/193[8] --/--[--])

<b>07040003-536</b>	<b>5B</b>	<b>10.4</b>	<b>Logan Branch</b>	<b>Headwaters to T107 R11W S4, east line</b>	<b>2B, 3B</b>
MNPCA1	S002-072		logan br n fk whitewater r at csah-10, 5.5 mi s of plainview		WWGBTURB 54
MNPCA1	S002-072		logan br n fk whitewater r at csah-10, 5.5 mi s of plainview		CSMP 2
MNPCA1	S002-546		logan br n fk whitewater r at csah 2, 6 mi s of plainview		LOGANCK 26

Aquatic life NS DO12 -- 1/23[1] DO5\_9am FS 0/1[1] DO5\_All FS 1/18[1] DO7 FS 0/5[1] +DOFinal IF[[1]] =pH FS 0/108[3] \$Turbid\_TT\_TSS NS 34/79[4](34/79[4] 1/3[2] --/--[--])

Ecoregion norms EX =NO2&NO3 EX 12/24[1] =Phosphorus EX 12/26[1]

<b>07040003-537</b>	<b>5B</b>	<b>6.0</b>	<b>Whitewater River</b>	<b>S Fk Whitewater R to Beaver Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S000-267		whitewater r. csah-30 at beaver		SETRT-S 1
MNPCA1	S001-742		whitewater r at csah 30, 4.5 mi n of elba, mn		CSMP+ 6
MNPCA1	S001-742		whitewater r at csah 30, 4.5 mi n of elba, mn		CSMP 179
MNPCA1	S001-742		whitewater r at csah 30, 4.5 mi n of elba, mn		LOADSTDY 4
MPCAB	04LM103		Whitewater River; E of Hwy 74, 3 mi NE of Elba		biocriteria 1

Aquatic life NS +pH FS 0/10[2] \$Turbid\_TT\_TSS NS 25/184[8](4/12[3] 21/172[7] --/--[--])

Drinking Water FS +NO2&NO3 FS 0/5[2]

Ecoregion norms EX +TSS EX 6/10[3]

<b>07040003-539</b>	<b>5B</b>	<b>6.1</b>	<b>Whitewater River</b>	<b>T109 R10W S36, south line to Mississippi R</b>	<b>2B, 3B</b>
LTRM	WW01.3M		Whitewater River 1.3 MN TRIB mid-stream HWY 61 bridge 04/30/1993 09/16/2002		113
MNPCA1	S001-767		whitewater r at railroad brg at mouth, .5 mi se of weaver		LOADSTDY 1
MNPCA1	S001-767		whitewater r at railroad brg at mouth, .5 mi se of weaver		CSMP 73

Aquatic life NS =Chloride FS 0/62[6] DO12 -- 1/110[10] DO5\_9am FS 0/1[1] DO5\_All FS 1/66[9] DO7 FS 0/44[7] +DOFinal IF[[5]] \$Turbid\_TT\_TSS NS 19/113[10](19/113[10] 9/70[3] --/--[--])

Ecoregion norms EX =NO2&NO3 EX 98/98[9] <>Phosphorus EX 14/106[10] =TSS EX 57/112[10]

<b>07040003-540</b>	<b>3D</b>	<b>0.5</b>	<b>Beaver Creek</b>	<b>Unnamed cr to Whitewater R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-741		BEAVER CR at hwy 74, 4.6 mi n of elba, mn		CSMP+ 6
MNPCA1	S001-741		BEAVER CR at hwy 74, 4.6 mi n of elba, mn		CSMP 182

Aquatic life FS =Turbid\_TT\_TSS FS 7/182[7](0/6[1] 7/176[7] --/--[--])

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040003-542	5B	14.7	Garvin Brook	T106 R8W S17, west line to Rollingstone Cr	1B, 2A, 3B
MNPCA1	S000-828		Garvin Brook at csah-23, sw of minnesota city		MERCLKS/ 2
MNPCA1	S000-828		Garvin Brook at csah-23, sw of minnesota city		MDAWQMP 8
MNPCA1	S000-828		Garvin Brook at csah-23, sw of minnesota city		CSMP 21
MNPCA1	S000-828		Garvin Brook at csah-23, sw of minnesota city		16
MNPCA1	S000-828		Garvin Brook at csah-23, sw of minnesota city		MILE 55
MNPCA1	S000-828		Garvin Brook at csah-23, sw of minnesota city		WWGBTURB 59
MNPCA1	S000-831		Garvin Brook at stockton		WWGBTURB 28
MNPCA1	S000-831		Garvin Brook at stockton		CSMP 21
MNPCA1	S001-528		garvin bk near us-14, 1/2 mi w of stockton		CSMP 112
MNPCA1	S001-990		garvin bk at dnr tsr zone, 3.4 mi ne of lewiston, mn		CSMP 13
MNPCA1	S003-687		garvin bk at rr bridge, 2.6 mi sw of stockton, minnesota		WWGBTURB 59
MPCAB	04LM099		Garvin Brook; In Farmer's Community Park, at far S end of Park.		biocriteria 1

Aquatic life NS +Chloride FS 0/9[3] DO12 -- 2 57[10] DO5\_All FS 2/33[6] DO7 FS 0/24[9] +DOFinal IF[[0]] =pH FS 5/224[10] \$Turbid\_TT\_TSS NS 67/111[10](67/111[10] 1/120[5] 0/2[1]) +Un-ionized ammonia FS 0/45[9]

Aquatic recreation NS !!!E. coli NS 8/35Ind 5/7mo

Drinking Water FS +NO2&NO3 FS 0/55[10]

Ecoregion norms OK +BOD5 OK 0/16[4] <>NO2&NO3 OK 0/55[10] =Phosphorus OK 0/51[10]

07040003-543	3A	0.5	Garvin Brook	Rollingstone Cr to T107 R8W S11, north line	1B, 2A, 3B
MNPCA1	S003-784		garvin bk upst of us-61 in mn city, mn		CSMP 104

Aquatic life FS +Turbid\_TT\_TSS FS 0/104[4](--/--[--] 0/104[4] --/--[--])

07040003-549	3A	2.5	Gilmore Creek	Bollers Lk to Lk Winona	2B, 3B
MNPCA1	S003-791		gilmore ck at vila avenue in winona, mn		CSMP 30

Aquatic life FS +Turbid\_TT\_TSS FS 1/30[2](--/--[--] 1/30[2] --/--[--])

07040003-552	5C	0.5	Logan Branch	Unnamed cr to N Fk Whitewater R	1B, 2A, 3B
MNPCA1	S002-545		logan br n fk whitewater r at mouth, 5 mi se of plainview		LOGANCK 19
MPCAB	04LM127		Logan Branch; 6 miles W of Elba, in Whitewater State WMA.		biocriteria 1

Drinking Water FS +NO2&NO3 FS 0/19[1]

Ecoregion norms EX =NO2&NO3 EX 11/19[1] =Phosphorus EX 6/20[1]

07040003-553	5B	7.9	Whitewater River, North Fork	T108 R11W S30, west line to Unnamed cr	1B, 2A, 3B
MNPCA1	S000-978		nf whitewater-e of carley st pk cmpgd e of elgin		WWGBTURB 54
MNPCA1	S001-879		n fk whitewater r w of csah 4, 2.75 mi s of plainview, mn		CSMP 77
MNPCA1	S001-879		n fk whitewater r w of csah 4, 2.75 mi s of plainview, mn		CSMP+ 5
MNPCA1	S004-708		whitewater r, nf at carley state pk, 2.75 mi s of plainview		CSMP 9

Aquatic life NS =pH FS 0/106[3] \$Turbid\_TT\_TSS NS 45/59[4](45/59[4] 14/80[7] --/--[--])

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040003-554</b>	<b>5B</b>	<b>10.9</b>	<b>Whitewater River, North Fork</b>	<b>Unnamed cr to M Fk Whitewater R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S000-451		n fk whitewater r 0.15 mi w tr-16, 2.2 mi w of elba		WWGBTURB 57
MNPCA1	S000-451		n fk whitewater r 0.15 mi w tr-16, 2.2 mi w of elba		MDAWQMP 13
MNPCA1	S001-745		n fk whitewater r at hwy 74 at elba, mn		CSMP+ 5
MNPCA1	S001-745		n fk whitewater r at hwy 74 at elba, mn		CSMP 167
MNPCA1	S001-833		n br whitewater r, 1/3 mi s of csah-4, 5 mi se of plainview		CSMP 115
MNPCA1	S001-833		n br whitewater r, 1/3 mi s of csah-4, 5 mi se of plainview		CSMP+ 5
MNPCA1	S005-341		whitewater r, nf just upstm of tr-29 in fairwater		SETRT-S 1

Aquatic life NS =pH FS 3/114[3] \$Turbid\_TT\_TSS NS 38/67[5](38/67[5] 28/261[7] --/--[--])  
 Drinking Water FS +NO2&NO3 FS 0/13[3]  
 Ecoregion norms EX +NO2&NO3 OK 0/13[3] +Phosphorus EX 2/13[3]

<b>07040003-555</b>	<b>3A</b>	<b>3.0</b>	<b>Speltz Creek</b>	<b>Preston Valley Cr to Rollingstone Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-717		speltz cr in rollingstone, mn		CSMP 32
MNPCA1	S001-951		speltz cr in east side of rollingstone, mn		CSMP 7
MNPCA1	S004-802		speltz ck at twp rd 22, .5 mi nw of rollingstone		SETRT-S 1
MNPCA1	S004-802		speltz ck at twp rd 22, .5 mi nw of rollingstone		CSMP 26

Aquatic life NS !!!Turbid\_TT\_TSS NS 10/42[4](0/1[1] 10/41[4] --/--[--])

<b>07040003-556</b>	<b>3B</b>	<b>2.6</b>	<b>Gorman Creek (Old Channel Zumbro Ri</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S001-704		gorman cr 1 mi s of kellogg, mn		CSMP 72

Aquatic life NS !!!Turbid\_TT\_TSS NS 15/72[6](--/--[--] 15/72[6] --/--[--])

<b>07040003-557</b>	<b>3B</b>	<b>1.8</b>	<b>Snake Creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-449		snake ck .7 mi s of hwy 61		CSMP 35
MNPCA1	S001-450		snake ck 1.5 mi s of hwy 61		CSMP 21
MNPCA1	S001-451		snake ck 2.3 mi s of hwy 61		CSMP 21

Aquatic life NS !!!Turbid\_TT\_TSS NS 8/35[4](--/--[--] 8/35[4] --/--[--])

<b>07040003-559</b>	<b>5B</b>	<b>7.1</b>	<b>Stockton Valley Creek</b>	<b>T106 R8W S23, south line to Garvin Bk</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-529		stockton valley ck, 1 mile s of stockton		CSMP 29
MNPCA1	S001-529		stockton valley ck, 1 mile s of stockton		WWGBTURB 59
MNPCA1	S001-797		stockton valley ck, .75 mi s of stockton		CSMP 14

Aquatic life NS =pH FS 1/118[3] \$Turbid\_TT\_TSS NS 19/59[3](19/59[3] 3/39[3] --/--[--])

<b>07040003-561</b>	<b>3D</b>	<b>1.5</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S002-071		unn trib to s fk whitewater r on csah-32 brg		CSMP 53

Aquatic life FS =Turbid\_TT\_TSS FS 3/53[2](--/--[--] 3/53[2] --/--[--])



AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07040003-566</b>	<b>3D</b>	<b>6.4</b>	<b>Beaver Creek</b>		<b>T108 R11W S24, west line to Unnamed cr</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S003-562		beaver ck off whitewater township rd 1, 7.5 mi nw of altura			CSMP+	4
MNPCA1	S003-562		beaver ck off whitewater township rd 1, 7.5 mi nw of altura			CSMP	63
MNPCA1	S005-072		beaver ck just s of twnshp rd 16, 5.5 mi se of plainview			SETRT-S	2
MPCAB	04LM104		Beaver Creek; in Whitewater WMA, 6 mi. E. of Plainview			biocriteria	1
Aquatic life	FS		=Turbid_TT_TSS FS 1/66[5](0/7[3] 1/59[4] --/--[--])				
<b>07040003-579</b>	<b>3A</b>	<b>1.0</b>	<b>Speltz Creek</b>		<b>T108 R9W S36, west line to Preston Valley Cr</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-801		speltz ck at csah-25, 1.25 mi nw of rollingstone			CSMP	26
Aquatic life	FS		+Turbid_TT_TSS FS 0/24[2](--/--[--] 0/24[2] --/--[--])				
<b>07040003-586</b>	<b>3A</b>	<b>1.6</b>	<b>Burns Valley Creek</b>		<b>East Burns Valley Cr to T107 R7W S35, east line</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S003-800		e burns valley ck off e burns valley rd in winona, mn			CSMP	115
MNPCA1	S003-806		e burns valley ck at csah 105 in winona, mn			CSMP	135
Aquatic life	FS		+Turbid_TT_TSS FS 22/227[4](--/--[--] 22/227[4] --/--[--])				
<b>07040003-588</b>	<b>3D</b>	<b>7.0</b>	<b>Pleasant Valley Creek</b>		<b>T106 R7W S25, west line to T106 R7W S1, north line</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S002-398		pleasant valley cr e of csah-17, 3.5 mi s of winona, mn			CSMP	136
MNPCA1	S003-792		pleasant valley ck at clinton dr n, 2 mi s of winona, mn			CSMP	80
MNPCA1	S003-793		pleasant valley ck at holler hill rd in winona, mn			CSMP	77
MPCAB	04LM094		Pleasant Valley Creek; Upstream of CR 15, SE of Winona.			biocriteria	1
Aquatic life	FS		=Turbid_TT_TSS FS 9/216[6](0/1[1] 9/215[6] --/--[--])				
<b>07040003-591</b>	<b>3A</b>	<b>11.2</b>	<b>Cedar Creek (Cedar Valley Creek)</b>		<b>Unnamed cr to Mississippi R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-245		cedar valley ck, upstm of south-bound us-61 lane			CSMP	22
MNPCA1	S004-245		cedar valley ck, upstm of south-bound us-61 lane			MDAWQMP	8
Aquatic life	FS		+Turbid_TT_TSS FS 1/22[2](--/--[--] 1/22[2] --/--[--])				
Drinking Water	FS		+NO2&NO3 FS 0/8[2]				
<b>07040003-595</b>	<b>5A</b>	<b>1.7</b>	<b>Garvin Brook</b>		<b>T107 R8W S2, south line to Mississippi R (Burleigh Sloug</b>	<b>2B, 3B</b>	
MNPCA1	S000-826		Garvin Brook at minnesota city			WWGBTURB	30
MNPCA1	S001-981		garvin bk at quarry in minnesota city, mn			CSMP	13
Aquatic life	NS		=pH FS 0/56[2] \$Turbid_TT_TSS NS 20/30[2](20/30[2] 2/12[1] --/--[--])				
<b>07040003-612</b>	<b>3B</b>	<b>1.5</b>	<b>Unnamed creek</b>		<b>Headwaters to S Fk Whitewater R</b>	<b>2B, 3B</b>	
MNPCA1	S003-605		hdwtrs spring & trib to s fk whitewater r in s30, n of i-90				2
MNPCA1	S003-605		hdwtrs spring & trib to s fk whitewater r in s30, n of i-90			WWNMP	129
Aquatic life	IF		+Chloride FS 0/139[7]				
Aquatic recreation	IF		+E. coli IF 2/2Ind 0/0mo				

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '-' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07040003-620</b>	<b>3A</b>	<b>0.2</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Pleasant Valley Cr</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-246		unn strm to pleasant valley ck at csah-17, 2.5 mi s of winona			CSMP	58
Aquatic life	FS		+Turbid_TT_TSS FS 1/58[2](--/--[2] 1/58[2] --/--[2])				
<b>07040003-627</b>	<b>5B</b>	<b>48.6</b>	<b>Mississippi River</b>		<b>Chippewa R (WI) to L &amp; D #6</b>	<b>2B, 3B</b>	
LTRM	M738.2F		Mississippi River 738.2 MN-WI MC tailwater west side 05/13/1993 09/16/2002				113
LTRM	M738.2M		Mississippi River 738.2 MN-WI MC tailwater mid-stream 01/14/2000 09/16/2002				84
LTRM	M738.2T		Mississippi River 738.2 MN-WI MC tailwater east side 01/14/2000 09/16/2002				84
LTRM	M745.2L		Mississippi River 745.2 MN-WI SC Weaver Bottoms inlet 04/30/1993 12/30/1999				29
LTRM	M746.9Y		Mississippi River 746.9 MN-WI SC Weaver Bottoms inlet 04/30/1993 12/30/1999				29
LTRM	M747.3R		Mississippi River 747.3 MN-WI SC Murphy's Cut 04/30/1993 09/16/2002				113
LTRM	M752.8M		Mississippi River 752.8 MN-WI MC LD 4 tailwater mid-stream 01/14/2000 09/16/2002				56
LTRM	M752.8Y		Mississippi River 752.8 MN-WI MC LD 4 tailwater west side 04/30/1993 09/16/2002				85
LTRM	M752.8Z		Mississippi River 752.8 MN-WI MC LD 4 tailwater east side 04/30/1993 09/16/2002				85
MNPCA1	S000-095		mississippi r lock & dam #6 at trempealeau, wis			SEREGION	15
MNPCA1	S000-095		mississippi r lock & dam #6 at trempealeau, wis			MILE	59
MNPCA1	S000-095		mississippi r lock & dam #6 at trempealeau, wis				17
MNPCA1	S000-095		mississippi r lock & dam #6 at trempealeau, wis			MERCLKS/	2
MNPCA1	S000-287		mississippi r lock & dam #5 3 mi se of minneiska				14
MNPCA1	S000-287		mississippi r lock & dam #5 3 mi se of minneiska			LOCK&DAM	33
MNPCA1	S000-287		mississippi r lock & dam #5 3 mi se of minneiska			MILE	66
MPCAB	07LM383		Mississippi River; 0.25 miles south of WI State Route 35; 1.75 miles north of Winona, MN			EMAP-GRE	1
MPCAB	07LM399		Mississippi River; 1.25 miles SW of Buffalo, WI			EMAP-GRE	1
MPCAB	07LM415		Mississippi River; 3.5 miles SE of Czechville, WI; 0.75 miles E of WI State Route 35.			EMAP-GRE	1
Aquatic life	FS		+Chloride FS 0/417[7] DO12 -- 1/278[11] DO5_9am FS 0/51[9] DO5_All FS 1/164[10] DO7 FS 0/114[11] +DOFinal IF[[10]] +pH FS 1/350[11] +Turbid_TT_TSS FS 16/172[11](16/172[11] 1/54[3] --/--[2]) +Un-ionized ammonia FS 0/659[11]				
Aquatic recreation	FS		+E. coli FS 1/48Ind 0/7mo				
Ecoregion norms	EX		+BOD5 EX 2/17[5] +NO2&NO3 EX 651/668[11] +Phosphorus EX 36/160[11] +TSS EX 60/175[11]				
<b>07040003-906</b>		<b>1.0</b>	<b>Upper Garvin Brook</b>		<b>T107 R8W S33, west line to Garvin Bk</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S000-834		UNNAMED CREEK at stockton			WWGBTURB	28
MNPCA1	S001-531		unn trib to garvin bk, 1.5 mi w of stockton			CSMP	12
Aquatic life	FS		+pH FS 0/56[2] +Turbid_TT_TSS FS 2/28[2](2/28[2] 0/12[2] --/--[2])				
<b>07040003-B99</b>		<b>0.1</b>	<b>Unnamed creek (Speltz Creek Tributary)</b>		<b>Headwaters to Preston Valley Cr</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-664		unn strm to speltz ck, 1.5 mi nw of rollingstone			CSMP	25
Aquatic life	FS		+Turbid_TT_TSS FS 0/25[2](--/--[2] 0/25[2] --/--[2])				

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

**HUC: 07040004      DNR Major: 41      HUC NAME: ZUMBRO RIVER**

07040004-501	5B	24.6	Zumbro River	West Indian Cr to Mississippi R	2B, 3B
LTRM	ZM00.1M		Zumbro River .1 MN TRIB mid-stream 04/30/1993 09/16/2002		85
MNPCA1	S000-816		zumbro River on csah-30 at kellogg	LMISS_FC	10
MNPCA1	S000-816		zumbro River on csah-30 at kellogg	LOADSTDY	1
MNPCA1	S004-384		zumbro r at us-61 in kellogg	LOADSTDY	39
MNPCA1	S004-384		zumbro r at us-61 in kellogg	SSSTA	3
MNPCA1	S004-384		zumbro r at us-61 in kellogg	ZUMBRO	28
MPCAB	04LM137		Zumbro River; Downstream of CR 86, 6 mi. SW of Wabasha	biocriteria	1

Aquatic life      NS      =Chloride FS 0/99[7] DO12 -- 0/121[9] DO5\_9am FS 0/9[2] DO5\_All FS 0/64[8] DO7 FS 0/57[8] +DOFinal IF[[7]] =pH FS 0/72[3] \$Turbid\_TT\_TSS NS 59/149[9](59/149[9] 5/15[3] --/--[--]) +Un-ionized ammonia FS 0/32[1]

Ecoregion norms      EX      =NO2&NO3 EX 149/149[8] =Phosphorus EX 48/151[9] =TSS EX 116/151[9]

07040004-502	5B	24.6	Zumbro River	Cold Cr to West Indian Cr	2B, 3B
MNPCA1	S000-818		zumbro River on csah-2 at millville	LMISS_FC	9
MNPCA1	S000-819		zumbro River on ush-63 .4 mi south zumbro falls	LMISS_FC	10
MNPCA1	S000-819		zumbro River on ush-63 .4 mi south zumbro falls	MDAWQMP	8
MNPCA1	S001-307		zumbro r, 0.5 mi ne hammond	CSMP	7
MNPCA1	S001-905		zumbro River at dnr canoe access, .5 mi se of theilman	LMISS_FC	10
MNPCA1	S003-772		zumbro r off cr-68 in hammond, mn	CSMP	85

Aquatic life      NS      !!!Turbid\_TT\_TSS NS 11/108[6](--/--[--] 11/108[6] --/--[--])

07040004-503	4A	18.0	Salem Creek	T106 R16W S30, west line to S Fk Zumbro R	2C
MNPCA1	S001-191		salem cr at unn cr in s19 4 mi sw salem corners	SALEMCK	30
MNPCA1	S001-191		salem cr at unn cr in s19 4 mi sw salem corners	SEREGION	15
MNPCA1	S003-459		salem ck at 260th avenue, 4.8 mi s of kasson, mn	CSMP	469
MNPCA1	S003-459		salem ck at 260th avenue, 4.8 mi s of kasson, mn	SALEMCK	30
MNPCA1	S003-713		salem ck at 690th st, 5.7 mi s of kasson, minnsota	CLRWTR	2
MNPCA1	S003-713		salem ck at 690th st, 5.7 mi s of kasson, minnsota	SALEMCK	30
MNPCA1	S003-825		salem ck 800 ft dnst of csah-15, 5 mi w of salem corners, mn	CSMP	6
MPCAB	04LM122		Salem Creek; ~9mi. SW Rochester	biocriteria	2

Aquatic life      FS      =Turbid\_TT\_TSS FS 20/505[5](0/2[1] 20/503[5] --/--[--])

Aquatic recreation      NS      !!!E. coli NS 2/15Ind 2/2mo

07040004-505	3A	7.1	Zumbro River (Zumbro Lake)	Zumbro Lk (55-0004-00)	2B, 3B
MNPCA1	S000-814		s fk zumbro r 3 mi e of oronoco	RNC	5
MNPCA1	S001-022		sf zumbro r in t108nr14ws23nwqseq w of oronoco	MISS_INI	1

Aquatic life      IF      +pH FS 0/10[2]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: LM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07040004-506	5B	4.6	Zumbro River	Zumbro Lk to N Fk Zumbro R	2B, 3B	
MNPCA1	S000-820		s fk zumbro r on csah-7 3.4 mi se of mazeppa		MERCLKS/	5
MNPCA1	S000-820		s fk zumbro r on csah-7 3.4 mi se of mazeppa		ZUMBRO	35
MNPCA1	S000-820		s fk zumbro r on csah-7 3.4 mi se of mazeppa			3

Aquatic life      NS      +pH FS 0/10[2]    !!!Turbid\_TT\_TSS NS 6/35[4](6/35[4] 1/4[2] 2/2[1])    +Un-ionzed ammonia FS 0/5[2]  
 Aquatic recreation      IF      +E. coli IF 0/3Ind 0/0mo  
 Ecoregion norms      EX      +NO2&NO3 EX 14/40[4]    +Phosphorus OK 4/40[4]

07040004-507	5B	12.6	Zumbro River, South Fork	Cascade Cr to Zumbro Lk	2B, 3B	
MNPCA1	S000-268		zumbro r s fork at csah-14, 3 mi n of rochester		MILE	55
MNPCA1	S000-268		zumbro r s fork at csah-14, 3 mi n of rochester		MERCLKS/	2
MNPCA1	S000-268		zumbro r s fork at csah-14, 3 mi n of rochester		SEREGION	15
MNPCA1	S000-268		zumbro r s fork at csah-14, 3 mi n of rochester		ZUMBRO	15
MNPCA1	S000-268		zumbro r s fork at csah-14, 3 mi n of rochester		ZUMTMDL	9
MNPCA1	S000-268		zumbro r s fork at csah-14, 3 mi n of rochester			14
MNPCA1	S000-268		zumbro r s fork at csah-14, 3 mi n of rochester		CSMP	192
MNPCA1	S000-333		s fk zumbro r on csah-22 .3 mi n of rochester		ZUMBRO	2
MNPCA1	S001-349		s fk zumbro r at rochester, mn		CSMP	226
MNPCA1	S001-350		s fk zumbro River at rochester, mn		CSMP	42
MNPCA1	S001-351		s fk zumbro r 4 mi n of rochester, mn		CSMP	38
MNPCA1	S001-352		s fk zumbro r on n side of rochester, mn		CSMP	16
MNPCA1	S003-802		zumbro r, s fk, at 90th st brg, 4 mi se of oronoco, mn		ZUMBRO	42
MNPCA1	S003-802		zumbro r, s fk, at 90th st brg, 4 mi se of oronoco, mn		CSMP	92
MNPCA1	S003-905		zumbro r, s fk off w r rd, 1 mi n of rochester, mn		CSMP	23
MPCAB	04LM125		Southfork of Zumbro River; @ USGS Gaging station, adjacent to Sewage Disposal Plant, north side of Rochester.		biocriteria	1

Aquatic life      NS      +Chloride FS 0/8[2]    DO12 -- 1/58[10]    DO5\_9am FS 0/7[3]    DO5\_All FS 1/34[6]    DO7 FS 0/24[9]    +DOFinal IF[[1]]    =pH FS 1/114[10]    \$Turbid\_TT\_TSS NS 30/95[10](30/95[10] 102/501[10] 2/6[2])    +Un-ionzed ammonia FS 0/47[9]  
 Aquatic recreation      NS      !!!E. coli NS 7/50Ind 6/7mo  
 Ecoregion norms      EX      +BOD5 OK 0/16[4]    =NO2&NO3 EX 68/111[10]    <>Phosphorus EX 12/98[9]

07040004-508	3D	4.5	Salem Creek	Headwaters to T106 R17W S25, east line	2B, 3B	
MNPCA1	S002-453		salem ck at 210 avenue, 4.7 mi n of hayfield, mn		CSMP	21
MNPCA1	S002-454		salem ck at cr-1. 4.3 mi n of hayfield, mn		CSMP	20
MNPCA1	S002-455		salem ck at unn rd 4.3 mi n of hayfield, mn		CSMP	21

Aquatic life      FS      =Turbid\_TT\_TSS FS 1/27[4](--/--[1] 1/27[4] --/--[1])

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07040004-512	3A	54.0	Zumbro River, North Fork	Headwaters to Trout Bk	2B, 3B	
MNPCA1	S000-033		zumbro r.- north br. by zumbrota		CSMP	111
MNPCA1	S003-819		zumbro r, n fk, at rr trestle 0.4 mi n of zumbrota, mn		CSMP	26
MNPCA1	S004-383		nf zumbro r at csah-30, 1 mi nw of wanamingo		ZUMBRO	26
MNPCA1	S004-662		zumbro r, n fk, dwnstrm of trib in zumbrota		CSMP	27
MPCAB	04LM088		North Fork Zumbro River; Just upstream of County Route 10, ~2 miles E of Zumbrota		biocriteria	1

Aquatic life NS !!!Turbid\_TT\_TSS NS 13/25[2](13/25[2] 36/159[5] --/--[--])  
 Ecoregion norms EX +NO2&NO3 EX 17/27[3] +Phosphorus EX 8/27[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07040004-519	3A	6.1	Zumbro River, Middle Fork	Shady Lk to Zumbro Lk	2B, 3B	
MNPCA1	S001-161		middle fk zumbro r .4 mi abv confl with zumbro r		RNC	5
MNPCA1	S004-344		zumbro r, mid fk, 3 mi se of oronoco, mn		THREERIV	10
MNPCA1	S004-344		zumbro r, mid fk, 3 mi se of oronoco, mn		CSMP	19
MNPCA1	S004-513		zumbro r, mf, .25 mi s of cr-110, 1 mi se of oronoco		ZUMBRO	40

Aquatic life NS +pH FS 0/10[1] !!!Turbid\_TT\_TSS NS 16/33[2](16/33[2] 7/24[3] 15/34[4])  
 Ecoregion norms EX +NO2&NO3 EX 19/40[2] +Phosphorus EX 11/45[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07040004-520	3A	1.9	Zumbro River, Middle Fork (Shady Lake	Shady Lk (55-0005-00)	2B, 3B	
MNPCA1	S002-115		mid fk zumbro r at lake shady dam		ZUMTMDL	15
MNPCA1	S002-115		mid fk zumbro r at lake shady dam			5

Aquatic life IF +pH FS 0/14[1] +Un-ionized ammonia FS 0/5[1]  
 Aquatic recreation IF +E. coli IF 0/5Ind 0/0mo  
 Ecoregion norms OK =Phosphorus OK 1/15[1]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07040004-522	5C	37.1	Zumbro River, Middle Fork	Headwaters to N Br M Fk Zumbro R	2B, 3B	
MNPCA1	S001-491		zumbro r, m. fk. 1.5 mi ne of w concord, mn		CSMP	13
MNPCA1	S001-493		zumbro r, m. fk., in concord, mn		CSMP	5
MNPCA1	S001-641		mid fk zumbro r at 540th st, 2 mi nw of w concord		CSMP	68
MNPCA1	S003-843		ZUMBRO R, M FK, at 237th ave, 6.6 mi n of mantorville, mn		CSMP	77
MNPCA1	S003-850		ZUMBRO R, M FK, 0.1 mi w of csah-24, 0.2 mi nw of concord		CSMP	6
MNPCA1	S004-382		mf zumbro r at csah-3, just s of pine island		ZUMBRO	26
MPCAB	04LM142		Middle Fork Zumbro River; upstream of CR 1, ~7.5 miles SW of Kenyon		biocriteria	1
MPCAB	07LM022		Zumbro River, Middle Fork; Upstream of 555th St, 6 mi. E of Merton		ref. ditches	1

Aquatic life NS \$Turbid\_TT\_TSS NS 11/27[3](11/27[3] 26/164[10] --/--[--])  
 Ecoregion norms EX +NO2&NO3 EX 15/28[3] +Phosphorus EX 7/28[3]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

<b>07040004-523</b>	<b>3B</b>	<b>28.6</b>	<b>Zumbro River, Middle Fork, North Bran</b>	<b>Headwaters to M Fk Zumbro R</b>	<b>2B, 3B</b>
MNPCA1	S003-844		ZUMBRO R, M FK, n br, at 227th ave, 6.7 mi ne of concord, mn		CSMP 72
MNPCA1	S003-849		ZUMBRO R, M FK, n br at 518th st, 5.3 mi ne of w concord, mn		CSMP 53
MNPCA1	S004-347		zumbro r, mid fk, n br at douglas tr brg in pine island, mn		CSMP 95
MPCAB	04LM054		North Branch Middle Fork Zumbro River; Just upstream of State Route 57, ~2.4 mi. W of Pine Island		EMAP 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 38/195[5](0/1[1] 38/194[4] --/--[--])

<b>07040004-525</b>	<b>5C</b>	<b>29.3</b>	<b>Zumbro River, Middle Fork, South Bran</b>	<b>Dodge Center Cr to M Fk Zumbro R</b>	<b>2B, 3B</b>
MNPCA1	S001-475		zumbro r, m. fk., s. br., 2.1 mi e of mantorville, mn		CSMP 277
MNPCA1	S001-478		zumbro r, m. fk., s. br. in mantorville, mn		CSMP 35
MNPCA1	S001-481		zumbro r, m. fk., s. br. 1 1/4 mi w of mantorville, mn		SPEC 1
MNPCA1	S001-481		zumbro r, m. fk., s. br. 1 1/4 mi w of mantorville, mn		CSMP 303
MNPCA1	S001-482		zumbro r, m. fk., s. br. 1/2 mi sw of wasioja, mn		CSMP 66
MNPCA1	S001-632		s br mid fk zumbro r, 1 mi e of mantorville		CSMP 113
MNPCA1	S001-640		s br mid fk zumbro r, 3 mi e of mantorville		CSMP 53
MNPCA1	S001-729		s br mid fk zumbro r, 3.3 mi e of mantorville, mn		ZUMBRO 33
MNPCA1	S001-729		s br mid fk zumbro r, 3.3 mi e of mantorville, mn		MDAWQMP 13
MNPCA1	S001-729		s br mid fk zumbro r, 3.3 mi e of mantorville, mn		CSMP 77
MNPCA1	S001-982		s br m fk zumbro r at csah 3, 3.5 mi sw of oronoco, mn		CSMP 6
MNPCA1	S002-462		zumbro r, mid fk, s br, oxbow park drive, 2.5 mi n of byron		CSMP 164
MNPCA1	S004-707		zumbro r, mf s br at cr-105, 3 mi n of byron		CSMP 46
MNPCA1	S004-729		zumbro r mf s br at csah-14 in genoa		CSMP 46

Aquatic life NS \$Turbid\_TT\_TSS NS 16/30[3](16/30[3] 207/880[10] --/--[--])

Ecoregion norms EX +NO2&NO3 EX 24/50[4] +Phosphorus EX 12/45[4]

<b>07040004-526</b>	<b>5C</b>	<b>15.0</b>	<b>Zumbro River, Middle Fork, South Bran</b>	<b>Headwaters to Dodge Center Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-633		s br mid fk zumbro r, 4 mi nw of claremont		CSMP 48
MNPCA1	S001-634		s br mid fk zumbro r at 142nd ave brg, 3.5 mi ne of claremon		CSMP 84
MNPCA1	S001-635		s br mid fk zumbro r at csah-5 brg, 4 mi ne of claremont		CSMP 87
MNPCA1	S001-636		s br m fk zumbro r at 160th ave brg, 4.5 mi ne of claremont		CSMP 93
MNPCA1	S001-637		s br mid fk zumbro r at mn-56 brg, 4 mi nw of dodge ctr		CSMP 91
MNPCA1	S001-638		s br mid fk zumbro r at 185th ave brg, 2.5 mi w of wasioja		CSMP 90
MNPCA1	S001-639		s br mid fk zumbro r at csah-7, 1.5 mi w of wasioja		CSMP 99
MPCAB	07LM021		Zumbro River, South Branch Middle Fork; Downstream of CR 1, 2.5 mi. N of Claremont		ref. ditches 1

Aquatic life NS \$Turbid\_TT\_TSS NS 44/151[8](0/1[1] 44/150[8] --/--[--])

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040004-533</b>	<b>4A</b>	<b>0.2</b>	<b>Zumbro River, South Fork</b>		<b>Silver Lk Dam to Cascade Cr</b>	<b>2B, 3B</b>	
MNPCA1	S000-334		s fk zumbro r on ush-63 at rochester			LMISS_FC	20
MNPCA1	S000-334		s fk zumbro r on ush-63 at rochester				22
Aquatic recreation	NS		!!!E. coli NS 6/18Ind 3/3mo				

<b>07040004-534</b>	<b>3A</b>	<b>0.8</b>	<b>Zumbro River, South Fork</b>		<b>Old Oakwood Dam to Silver Lk Dam</b>	<b>2B, 3B</b>	
MNPCA1	S003-797		zumbro r, s fk, at 7th st in rochester, mn			CSMP	114
Aquatic life	NS		!!!Turbid_TT_TSS NS 27/114[4](--/--[2] 27/114[4] --/--[2])				

<b>07040004-535</b>	<b>4A</b>	<b>0.5</b>	<b>Zumbro River, South Fork</b>		<b>Bear Cr to old Oakwood Dam location</b>	<b>2B, 3B</b>	
MNPCA1	S002-032		s fk zumbro r at center street in east rochester				22
MNPCA1	S002-032		s fk zumbro r at center street in east rochester			LMISS_FC	20
Aquatic recreation	NS		!!!E. coli NS 4/18Ind 3/3mo				

<b>07040004-536</b>	<b>5B</b>	<b>9.2</b>	<b>Zumbro River, South Fork</b>		<b>Salem Cr to Bear Cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-356		s fk zumbro r sw esah 25 and 8 intersection at rochester, mn			CSMP	31
MNPCA1	S001-399		s fk zumbro r at soldier's field brg in rochester			CSMP	216
MNPCA1	S001-612		zumbro r s fk, at 16th st. in city of rochester			CSMP	114
MNPCA1	S002-033		s fk zumbro r at 16th street in sw rochester				22
MNPCA1	S002-033		s fk zumbro r at 16th street in sw rochester			LMISS_FC	20
MNPCA1	S004-385		sf zumbro r at us-14 brg, south end of rochester			ZUMBRO	28
Aquatic life	NS		\$Turbid_TT_TSS NS 10/25[2](10/25[2] 55/355[10] --/--[2])				
Aquatic recreation	NS		!!!E. coli NS 5/18Ind 3/3mo				
Ecoregion norms	EX		+NO2&NO3 EX 11/27[2] +Phosphorus EX 7/28[2]				

<b>07040004-537</b>	<b>3A</b>	<b>30.0</b>	<b>Zumbro River, South Fork</b>		<b>Headwaters to Salem Cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-701		zumbro r, s fk at cr-126, 9.2 mi sw of rochester, mn			CSMP	18
MNPCA1	S004-754		zumbro r sf, just no of 710th st, 3 mi ne of hayfield			CSMP	18
MNPCA1	S004-769		zumbro r, s fk, 5.5 mi e ne of hayfield, mn			CSMP	46
MNPCA1	S004-772		zumbro r, s fk, 6 mi e ne of hayfield, mn			CSMP	2
Aquatic life	NS		!!!Turbid_TT_TSS NS 9/72[2](--/--[2] 9/72[2] --/--[2])				

<b>07040004-538</b>	<b>5C</b>	<b>2.7</b>	<b>Bear Creek</b>		<b>Willow Cr to S Fk Zumbro R</b>	<b>2B, 3B</b>	
MNPCA1	S000-800		Bear Creek on ush-14 at rochester			ZUMBRO	28
MNPCA1	S001-324		bear ck, upst of mn-14 br in rochester			CSMP	155
Aquatic life	NS		\$Turbid_TT_TSS NS 13/24[2](13/24[2] 32/157[5] --/--[2])				
Ecoregion norms	EX		+NO2&NO3 EX 5/27[2] +Phosphorus EX 7/28[2]				

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
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<b>07040004-539</b>	<b>5C</b>	<b>15.1</b>	<b>Bear Creek</b>	<b>Headwaters to Willow Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-686		bear ck at csah 11, 3.5 mi e of rochester		CSMP 321
MNPCA1	S004-323		bear ck, chester woods below dam, 5 mi w of eyota		CSMP 22
MNPCA1	S004-324		bear ck, chester woods above lake, 3 1/2 mi w of eyota		CSMP 23
MPCAB	04LM126		Bear Creek; Upstream of CR 19, ~5 miles W of Eyota.		biocriteria 1

Aquatic life FS \$Turbid\_TT\_TSS FS 33/342[8](0/1[1] 33/341[8] --/--)

<b>07040004-540</b>	<b>5C</b>	<b>13.8</b>	<b>Willow Creek</b>	<b>Headwaters to Bear Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-722		WILLOW CR at hwy 63 in rochester, mn		CSMP 379
MNPCA1	S004-710		willow ck at 40th st sw brg in rochester		CSMP 37
MPCAB	04LM024		Willow Creek; Upstream of TH 52 in southern Rochester		EMAP 1

Aquatic life NS \$Turbid\_TT\_TSS NS 75/408[8](0/1[1] 75/407[8] --/--)

<b>07040004-542</b>	<b>4A</b>	<b>6.6</b>	<b>West Indian Creek</b>	<b>T109 R11W S21, south line to T109 R11W S6, north line</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-811		w indian ck 0.2 mi e of csah-4, 5 mi ne of plainview, mn		CSMP 33
MNPCA1	S004-452		w indian ck, just e of csah-4, 6 mi n of plainview		ZUMBRO 26

Aquatic life NS !!!Turbid\_TT\_TSS NS 11/21[2](11/21[2] 2/37[2] --/--)

Drinking Water FS +NO2&NO3 FS 0/30[2]

Ecoregion norms EX +NO2&NO3 EX 30/30[2] +Phosphorus EX 12/26[2] +TSS EX 13/26[2]

<b>07040004-546</b>	<b>3B</b>	<b>2.6</b>	<b>Unnamed ditch (Ripley Ditch 6)</b>	<b>Headwaters to JD 1</b>	<b>2B, 3B</b>
MNPCA1	S001-489		ripley ditch 6 mi sw of claremont, mn		CSMP 53

Aquatic life NS !!!Turbid\_TT\_TSS NS 12/50[6](--/--) 12/50[6] --/--)

<b>07040004-547</b>	<b>3B</b>	<b>1.7</b>	<b>Unnamed creek</b>	<b>Unnamed cr to S Br M Fk Zumbro R</b>	<b>2B, 3B</b>
MNPCA1	S001-480		unnamed trib. 2.25 mi sw of mantorville, mn		CSMP 21

Aquatic life NS !!!Turbid\_TT\_TSS NS 8/21[4](--/--) 8/21[4] --/--)

<b>07040004-548</b>	<b>3B</b>	<b>3.8</b>	<b>Unnamed creek</b>	<b>Headwaters to S Br M Fk Zumbro R</b>	<b>2B, 3B</b>
MNPCA1	S001-479		unnamed trib. 1 mi w of mantorville, mn		CSMP 51

Aquatic life NS !!!Turbid\_TT\_TSS NS 6/51[5](--/--) 6/51[5] --/--)

<b>07040004-549</b>	<b>3B</b>	<b>2.5</b>	<b>Unnamed creek (Stuccy Creek)</b>	<b>Headwaters to S Br M Fk Zumbro R</b>	<b>2B, 3B</b>
MNPCA1	S001-477		stuccy cr in mantorville, mn		CSMP 36

Aquatic life NS !!!Turbid\_TT\_TSS NS 5/36[4](--/--) 5/36[4] --/--)



AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
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<b>07040004-550</b>	<b>2</b>	<b>4.4</b>	<b>Masten Creek</b>		<b>Headwaters to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S001-476		master creek, 1.25 mi se of mantorville, mn			CSMP	396
MNPCA1	S001-483		master cr at 3rd st in kasson, mn			CSMP	125
MNPCA1	S001-494		master cr 2 mi se of mantorville, mn			CSMP	325

Aquatic life FS =Turbid\_TT\_TSS FS 54/693[10](--/--[ ] 54/693[10] --/--[ ])

<b>07040004-552</b>	<b>5C</b>	<b>5.4</b>	<b>Silver Creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S001-572		silver ck at cr-155 brg, 1 mi e of rochester			CSMP	25
MNPCA1	S001-572		silver ck at cr-155 brg, 1 mi e of rochester			ZUMBRO	29
MNPCA1	S004-733		silver ck at silver ck rd ne, 3 mi ne of rochester, mn			CSMP	53
MNPCA1	S004-800		silver ck at csah-11, 5.2 mi ene of rochester, mn			CSMP	53

Aquatic life NS \$Turbid\_TT\_TSS NS 13/26[2](13/26[2] 29/74[4] --/--[ ])

Ecoregion norms EX +NO2&NO3 OK 1/28[2] +Phosphorus EX 8/29[2]

<b>07040004-553</b>	<b>5C</b>	<b>1.7</b>	<b>Silver Creek</b>		<b>Unnamed cr to Silver Lk (S Fk Zumbro R)</b>		<b>2B, 3B</b>
MNPCA1	S001-613		silver ck at 11th ave brg in city of rochester			CSMP	86

Aquatic life NS \$Turbid\_TT\_TSS NS 29/86[5](--/--[ ] 29/86[5] --/--[ ])

<b>07040004-554</b>	<b>5C</b>	<b>5.4</b>	<b>Milliken Creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S001-817		milliken ck, 1 1/4 mi e of csah-20, 2 mi s of concord			CSMP	188
MNPCA1	S004-486		milliken ck at csah-9, 2 mi se of concord			ZUMBRO	31
MPCAB	04LM141		Milliken Creek; @ CR 22 crossing, ~ 7 miles SW of Pine Island			biocriteria	2

Aquatic life NS \$Turbid\_TT\_TSS NS 11/28[3](11/28[3] 27/187[7] 0/2[1])

Ecoregion norms EX +NO2&NO3 EX 27/35[3] +Phosphorus OK 3/33[3]

<b>07040004-555</b>	<b>3A</b>	<b>4.3</b>	<b>Milliken Creek</b>		<b>Unnamed cr to M Fk Zumbro R</b>		<b>2B, 3B</b>
MNPCA1	S003-842		milliken ck 0.2 mi se of 550th st, 5.5 mi n of mantorville			CSMP	90

Aquatic life NS !!!Turbid\_TT\_TSS NS 16/90[2](--/--[ ] 16/90[2] --/--[ ])

<b>07040004-556</b>	<b>5C</b>	<b>1.2</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S001-685		unn trib to bear ck, 4.8 mi e of rochester			CSMP	322

Aquatic life NS \$Turbid\_TT\_TSS NS 94/322[8](--/--[ ] 94/322[8] --/--[ ])

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates	
<b>07040004-581</b>	<b>5C</b>	<b>2.7</b>	<b>Cascade Creek</b>		<b>Unnamed cr to S Fk Zumbro R</b>		<b>2B, 3B</b>	
MNPCA1	S001-353		cascade ck at 11th ave nw br in rochester, mn				CSMP	223
MNPCA1	S001-354		cascade ck at 7th st nw br in rochester, mn				CSMP	119
MNPCA1	S001-354		cascade ck at 7th st nw br in rochester, mn				ZUMBRO	30
MNPCA1	S001-364		cascade ck at 9th ave nw footbrg in rochester, mn				CSMP	26
MNPCA1	S004-798		cascade ck nr us-14/us-52 cloverleaf in rochester				CSMP	34
MPCAB	04LM124		Cascade Creek; in city of Rochester, downstream of Hwy 52 crossing				biocriteria	1
Aquatic life	NS		\$Turbid_TT_TSS NS 10/27[3](10/27[3] 42/383[10] --/--[--])					
Ecoregion norms	EX		+NO2&NO3 OK 0/30[3] +Phosphorus EX 5/31[3]					
<b>07040004-592</b>	<b>5C</b>	<b>24.1</b>	<b>Dodge Center Creek</b>		<b>JD 1 to S Br M Fk Zumbro R</b>		<b>2B, 3B</b>	
MNPCA1	S001-484		dodge ctr cr 1 mi n of dodge ctr, mn				CSMP	15
MNPCA1	S001-485		dodge ctr cr 1.50 mi sw of wasioja, mn				CSMP	184
MNPCA1	S001-486		dodge ctr cr 2.75 mi sw of dodge center, mn				CSMP	20
MNPCA1	S001-487		dodge ctr cr 1.25 mi se of claremont, mn				CSMP	396
MNPCA1	S001-490		dodge ctr cr 3 mi se of claremont, mn				CSMP	7
MNPCA1	S003-848		DODGE CENTER CR off 185th ave, .5 mi nw of dodge center				CSMP	5
Aquatic life	NS		\$Turbid_TT_TSS NS 113/537[9](--/--[--] 113/537[9] --/--[--])					
<b>07040004-594</b>	<b>3A</b>	<b>1.2</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>	
MNPCA1	S003-846		trib to salem ck, 0.1 mi dnst of cr-8, 3.4 mi se of kasson				CSMP	63
Aquatic life	FS		+Turbid_TT_TSS FS 5/63[3](--/--[--] 5/63[3] --/--[--])					
<b>07040004-601</b>	<b>5C</b>	<b>2.1</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>	
MNPCA1	S003-615		unn trib to zumbro r, s fk. 1 mi n of rochester, mn				CSMP	33
Aquatic life	NS		\$Turbid_TT_TSS NS 9/33[2](--/--[--] 9/33[2] --/--[--])					
<b>07040004-604</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek</b>		<b>Unnamed cr to S Fk Zumbro R</b>		<b>2B, 3B</b>	
MNPCA1	S003-801		unn trib at northern valley drive in rochester, mn				CSMP	103
Aquatic life	NS		!!!Turbid_TT_TSS NS 17/103[3](--/--[--] 17/103[3] --/--[--])					
<b>07040004-617</b>	<b>3A</b>	<b>1.1</b>	<b>Henslin Creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>	
MNPCA1	S003-845		henslin ck 100 yards dnst of cr-10, 2 mi sw of dodge center				CSMP	43
Aquatic life	NS		!!!Turbid_TT_TSS NS 12/43[3](--/--[--] 12/43[3] --/--[--])					
<b>07040004-639</b>	<b>5C</b>	<b>16.6</b>	<b>Cascade Creek</b>		<b>Headwaters to Unnamed cr</b>		<b>2B, 3B</b>	
MNPCA1	S001-573		cascade ck, 3 mi w of rochester				CSMP	397
MPCAB	04LM123		Cascade Creek; downstream of CR104, ~1 mile W of Rochester.				biocriteria	2
Aquatic life	FS		\$Turbid_TT_TSS FS 39/399[9](0/2[1] 39/397[9] --/--[--])					

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '!' = same as previous pre-assessment. '<>' = different than previous pre-assessment

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: LM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

<b>07040004-786</b>		<b>Dry Run Creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S004-737	Dry Run ck at 150th ave, 4.3 mi sw of zumbrota, mn		CSMP 62
Aquatic life	NS	!!!Turbid_TT_TSS NS 7/62[2](--/--[ ] 7/62[2] --/--[ ])		

**HUC: 07040006**      **DNR Major: 42**      **HUC NAME: MISS R-La Crescent**

<b>07040006-515</b>	<b>5B</b>	<b>20.1</b>	<b>Mississippi River</b>	<b>L &amp; D #6 to Root R</b>	<b>2B, 3B</b>
LTRM	M701.1B	Mississippi River 701.1 MN-WI MC east side of main channel transect 06/11/1991 09/25/2002			169
LTRM	M701.1D	Mississippi River 701.1 MN-WI MC transect site-mid channel 01/12/2000 09/25/2002			101
LTRM	M701.1F	Mississippi River 701.1 MN-WI MC transect site-west side 01/12/2000 09/25/2002			101
MNPCA1	S000-067	mississippi r under us-14 bridge at la crosse		MILE	55
MNPCA1	S000-067	mississippi r under us-14 bridge at la crosse			15
MNPCA1	S000-067	mississippi r under us-14 bridge at la crosse		MERCLKS/	2
MPCAB	07LM377	Mississippi River; 3 miles South of Interstate Route 90 in La Crosse, WI		EMAP-GRE	1
Aquatic life	NS	+Chloride FS 0/161[7] DO12 -- 0/308[11] DO5_9am FS 0/45[8] DO5_All FS 0/169[10] DO7 FS 0/139[11] +DOFinal IF[[10]] +pH FS 6/442[11] !!!Turbid_TT_TSS NS 19/187[11](19/187[11] --/--[ ] --/--[ ])			+Un-ionzed ammonia FS 0/337[11]
Aquatic recreation	FS	+E. coli FS 1/35Ind 0/7mo			
Ecoregion norms	EX	+BOD5 EX 3/16[4] +NO2&NO3 EX 332/350[11] +Phosphorus EX 32/172[11] +TSS EX 84/201[11]			

**HUC: 07040008**      **DNR Major: 43**      **HUC NAME: ROOT RIVER**

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07040008-501	5B	5.8	Root River	Thompson Cr to Mississippi R	2B, 3B
LTRM	R000.1M		Root River .1 MN TRIB mid-stream enters pool 8 RM 693.6 08/17/1988 09/09/2002		170
MNPCA1	S000-065		root River at bridge on mn-26 3 mi east of hokah	SEREGION	15
MNPCA1	S000-065		root River at bridge on mn-26 3 mi east of hokah		14
MNPCA1	S000-065		root River at bridge on mn-26 3 mi east of hokah	LOADSTDY	5
MNPCA1	S000-065		root River at bridge on mn-26 3 mi east of hokah	MERCLKS/	2
MNPCA1	S000-065		root River at bridge on mn-26 3 mi east of hokah	MILE	54
MNPCA1	S000-065		root River at bridge on mn-26 3 mi east of hokah	ROOTRWM	10
MPCAB	08LM001		Root River; Downstream of Hwy 26, 3 mi. NE of Hokah	phase1	1

Aquatic life NS =Chloride FS 0/121[7] DO12 -- 0/234[11] DO5\_9am FS 0/9[2] DO5\_All FS 0/126[10] DO7 FS 0/108[11] +DOFinal IF[[11]] =pH FS 1/140[9] \$Turbid\_TT\_TSS NS 77/224[11](77/224[11] 6/22[2] --/--[--]) +Un-ionzed ammonia FS 0/56[9]

Aquatic recreation NS !!!E. coli NS 10/56Ind 6/7mo

Ecoregion norms EX +BOD5 OK 0/16[4] =NO2&NO3 EX 211/211[11] <>Phosphorus EX 36/210[11] =TSS EX 174/221[11]

07040008-502	3A	11.1	Root River	S Fk Root R to Thompson Cr	2B, 3B
MNPCA1	S004-858		root r at csah-25, just s of mound prairie	LOADSTDY	1
MNPCA1	S004-858		root r at csah-25, just s of mound prairie	RTURB-L	16
MPCAB	02LM011		Root River; upstream of Hwy 16 bridge 0.5 miles NW of Hokah	phase1	1
MPCAB	08LM093		Root River; At CSAH 25, 6 mi. NE of Houston	phase1	1

Aquatic life IF +pH FS 1/26[1]

Ecoregion norms EX +NO2&NO3 EX 19/19[1] +Phosphorus EX 10/19[1] +TSS EX 18/19[1]

07040008-503	4A	10.8	Robinson Creek	Headwaters to N Br Root R	2B, 3B
MNPCA1	S001-138		robinson cr bridg at dead end rd, nw high forest	SEREGION	15
MNPCA1	S004-810		robinson ck, just no. of csah-6, 4 mi sw of stewartville	CSMP	12
MPCAB	08LM045		Robinson Creek; Upstream of CSAH 6, 5 mi. W of Stewartville	phase1	1

Aquatic life FS +Turbid\_TT\_TSS FS 2/27[2](--/--[--] 2/27[2] --/--[--])

Aquatic recreation NS !!!E. coli NS 1/15Ind 1/2mo

07040008-506	4A	1.6	Root River, Middle Branch	Upper Bear Cr to N Br Root R	2B, 3B
MNPCA1	S004-821		root r, mb at csah-7, 3 mi s of chatfield	ROOTRWM	10
MPCAB	08LM007		Root River, Middle Branch; Downstream of CSAH 7, 3 mi. S of Chatfield	phase1	1

Aquatic life IF +Chloride FS 0/10[1] +pH FS 0/20[1] +Un-ionzed ammonia FS 0/9[1]

Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 8/11[1] +Phosphorus OK 0/11[1]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		
<b>07040008-507</b>	<b>3A</b>	<b>4.9</b>	<b>Thompson Creek</b>		<b>T103 R5W S12, south line to Root R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-823		thompson ck at butterfield valley rd in hokah			ROOTRWM	10
MPCAB	08LM010		Thompson Creek; Downstream of Butterfield Valley Rd, in Hokah			phase1	1
Aquatic life	IF		+Chloride FS 0/10[1] +pH FS 0/20[1] +Un-ionzed ammonia FS 0/9[1]				
Aquatic recreation	IF		+E. coli IF 0/6Ind 0/0mo				
Drinking Water	FS		+NO2&NO3 FS 0/11[1]				
Ecoregion norms	EX		+NO2&NO3 EX 11/11[1] +Phosphorus OK 0/11[1] +TSS EX 11/11[1]				
<b>07040008-508</b>	<b>3A</b>	<b>8.0</b>	<b>Root River, South Fork</b>		<b>Beaver Cr to Root R</b>	<b>2B, 3B</b>	
MNPCA1	S004-830		root r, sf at swede bottom rd, 1 mi e of houston			ROOTRWM	10
MNPCA1	S004-860		root r, sf at mn-16, 1.5 mi e of houston			RTURB-L	16
MPCAB	08LM009		Root River, South Fork; Upstream of Swede Bottom Rd, 1 mi. E of Houston			phase1	1
Aquatic life	IF		+Chloride FS 0/10[1] +pH FS 0/38[1] +Un-ionzed ammonia FS 0/9[1]				
Aquatic recreation	IF		+E. coli IF 2/6Ind 0/0mo				
Ecoregion norms	EX		+NO2&NO3 EX 26/27[1] +Phosphorus EX 12/26[1] +TSS EX 26/26[1]				
<b>07040008-509</b>	<b>3A</b>	<b>6.4</b>	<b>Root River, South Fork</b>		<b>Riceford Cr to Beaver Cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-795		root r, s fk, at cr-4, 8 mi sw of houston, mn			CSMP	31
MPCAB	08LM104		Root Rlver, South Fork; Downstream of East Twin Ridge Rd, 4 mi. SW of Houston			phase1	1
Aquatic life	FS		+Turbid_TT_TSS FS 3/32[2](--/--[--] 3/32[2] --/--[--])				
<b>07040008-510</b>	<b>3A</b>	<b>9.3</b>	<b>Root River, South Fork</b>		<b>Wisel Cr to T102 R8W S2, east line</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-123		root r, sf at csah-13 at choice			MDAWQMP	24
MNPCA1	S004-123		root r, sf at csah-13 at choice			FILLSWCD	3
MPCAB	08LM102		Root River, South Fork; Downstream of Hwy 43, 9 mi. N of Mabel			phase1	1
Aquatic life	IF		+pH FS 0/14[3]				
Drinking Water	FS		+NO2&NO3 FS 1/26[5]				
Ecoregion norms	EX		+NO2&NO3 EX 8/26[5] +Phosphorus OK 1/18[4]				
<b>07040008-511</b>	<b>5C</b>	<b>6.2</b>	<b>Root River, South Fork</b>		<b>T102 R9W S26, west line to Wisel Cr</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S001-393		s br root r 2 mi ene of amherst			FILLSWCD	11
MNPCA1	S001-393		s br root r 2 mi ene of amherst			CSMP	218
MPCAB	04LM069		South Fork Root River; ~7.6 miles NE of Harmony			EMAP	1
MPCAB	08LM016		Root River, South Fork; Downstream of Deer Rd, 8.5 mi. NE of Harmony			phase1	2
Aquatic life	NS		+pH FS 0/22[6] \$Turbid_TT_TSS NS 40/230[8](0/1[1] 40/228[8] 0/1[1]) +Un-ionzed ammonia FS 1/8[5]				

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Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040008-512</b>	<b>3B</b>	<b>8.6</b>	<b>Wisel Creek</b>		<b>T102 R8W S31, west line to S Fk Root R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S003-395		wisel ck just s of csah 18, 5.5 mi nw of mabel			FILLSWCD	11
MPCAB	08LM030		Wisel Creek; Downstream of CSAH 18, 5.5 mi. NW of Mabel			phase1	2
Aquatic life	IF	+pH FS 0/20[6]	Un-ionzed ammonia FS 1/8[5]				
<b>07040008-517</b>	<b>3A</b>	<b>0.3</b>	<b>Riceford Creek</b>		<b>T101 R7W S30, west line to north line</b>	<b>2B, 3B</b>	
MNPCA1	S000-930		riceford ck in t101n/r7w/s30/nwq 2 mi e of mabel			SRCL/SAU	1
MNPCA1	S000-930		riceford ck in t101n/r7w/s30/nwq 2 mi e of mabel			FILLSWCD	9
Aquatic life	IF	+pH FS 0/12[4]	+Un-ionzed ammonia FS 0/6[4]				
<b>07040008-520</b>	<b>3A</b>	<b>3.4</b>	<b>Root River</b>		<b>Money Cr to S Fk Root R</b>	<b>2B, 3B</b>	
MNPCA1	S004-820		root r at mn-76, .4 mi no of houston			LOADSTDY	33
MPCAB	04LM118		Root River; just north of Houston			biocriteria	1
MPCAB	08LM057		Root River; Upstream of Hwy 76, 0.5 mi. N of Houston			phase1	1
Aquatic life	NS	+Chloride FS 0/33[1] DO12 -- 0/32[2] DO5_9am FS 0/4[1] DO5_All FS 0/23[2] DO7 FS 0/9[1] +DOFinal IF[[1]] +pH FS 0/62[2] !!!Turbid_TT_TSS NS	13/34[2](13/34[2] --/--[2] --/--[2]) +Un-ionzed ammonia FS 0/29[1]				
Ecoregion norms	EX	+NO2&NO3 EX 35/35[2] +Phosphorus EX 11/34[2] +TSS EX 32/34[2]					
<b>07040008-521</b>	<b>5B</b>	<b>18.0</b>	<b>Money Creek</b>		<b>T105 R7W S21, north line to Root R</b>	<b>2B, 3B</b>	
MNPCA1	S001-575		money ck, 5 mi ne of rushford			CSMP	34
MNPCA1	S001-820		money ck, at csah-17, 4 1/2 mi sw of witoka			CSMP	47
MNPCA1	S003-623		money ck upst of b.dam at csah 17, 4.5 mi sw of witoka, mn			WINOSPEC	4
MNPCA1	S003-623		money ck upst of b.dam at csah 17, 4.5 mi sw of witoka, mn			CSMP	89
MNPCA1	S004-824		money ck at mn-76, 3 mi nw of houston			ROOTRWM	10
MNPCA1	S004-850		money ck at twsp rd 275 (cr-26), 2 mi nw of houston			RTURB-L	16
MPCAB	04LM016		Money Creek; Downstream of Hwy 76, 1 mile N of Houston			EMAP	1
MPCAB	08LM011		Money Creek; Upstream of Hwy 76, 3 mi. NW of Houston			phase1	1
MPCAB	08LM061		Money Creek; Adjacent to Cone Dale Dr, 3 mi. NW of Money Creek			phase1	1
Aquatic life	NS	+Chloride FS 0/10[1] +pH FS 1/50[3] \$Turbid_TT_TSS NS 41/193[9](6/16[2] 35/177[9] --/--[2]) +Un-ionzed ammonia FS 0/9[1]					
Aquatic recreation	IF	\$E. coli IF 2/6Ind 0/0mo					
Ecoregion norms	EX	+NO2&NO3 EX 30/30[2] +Phosphorus EX 9/28[2] +TSS EX 24/28[2]					

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
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<b>07040008-523</b>	<b>3D</b>	<b>5.5</b>	<b>Rush Creek</b>	<b>Pine Cr to Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-689		rush ck at csah 27 in rushford		CSMP 134
MNPCA1	S001-689		rush ck at csah 27 in rushford		ROOTRWM 10
MPCAB	08LM003		Rush Creek; Downstream of Hwy 43, in Rushford		phase1 2

Aquatic life FS +Chloride FS 0/10[1] +pH FS 0/22[1] +Turbid\_TT\_TSS FS 10/146[6](0/2[1] 10/144[6] --/--[--]) +Un-ionzed ammonia FS 0/9[1]  
 Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo  
 Drinking Water FS +NO2&NO3 FS 0/12[1]  
 Ecoregion norms EX +NO2&NO3 EX 12/12[1] +Phosphorus OK 1/12[1] +TSS EX 6/12[1]

<b>07040008-524</b>	<b>3A</b>	<b>16.0</b>	<b>Rush Creek</b>	<b>Unnamed cr to Pine Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S004-658		rush ck at township road 163, 3.25 mi s of lewiston		CSMP 17
MPCAB	04LM032		Rush Creek; Downstream of Hwy 29, 2 miles S of Lewiston		EMAP 1
MPCAB	08LM056		Rush Creek; Downstream of Enterprise Valley Dr, 3.5 mi. S of Lewiston		phase1 1
MPCAB	08LM074		Rush Creek; Upstream of CSAH 25, 4 mi. NW of Rushford		phase1 1

Aquatic life FS +Turbid\_TT\_TSS FS 2/20[3](0/1[1] 2/19[2] --/--[--])

<b>07040008-526</b>	<b>3A</b>	<b>13.9</b>	<b>Pine Creek</b>	<b>T104 R9W S4, north line to Rush Cr</b>	<b>1B, 2A, 3B</b>
MPCAB	04LM095		Pine Creek; just upstream of Hwy 2 crossing, ~3 miles NW of Rushford		biocriteria 1
MPCAB	04LM095		Pine Creek; just upstream of Hwy 2 crossing, ~3 miles NW of Rushford		phase1 2
MPCAB	04LM097		Pine Creek; Fremont Township, just upstream of mouth of Hemingway Creek, ~ 6 miles NW of Rushford.		biocriteria 1
MPCAB	08LM063		Pine Creek; Upstream of Dendal Dr, 7 mi. NW of Rushford		phase1 1

Aquatic life IF +pH FS 0/10[2]  
 Drinking Water FS +NO2&NO3 FS 0/5[2]

<b>07040008-527</b>	<b>3A</b>	<b>20.3</b>	<b>Root River</b>	<b>M Br Root R to Rush Cr</b>	<b>2B, 3B</b>
MNPCA1	S003-578		root r at mn-16, sampling done at canoe access		LMISS_FC 5
MNPCA1	S004-303		root r at main st brg (whalan brg) in whalan		CSMP 69
MNPCA1	S004-350		root r at mn-16, .3 mi s of rushford, mn		CSMP 51
MPCAB	08LM064		Root River; Upstream of Hwy 16, 2 mi. NE of Peterson		phase1 1
MPCAB	08LM071		Root River; Adjacent to Hwy 16, 1 mi. NE of Whalan		phase1 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 25/124[4](--/--[--] 25/124[4] --/--[--])

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040008-528</b>	<b>4A</b>	<b>16.2</b>	<b>Root River, Middle Branch</b>	<b>Trout Run Cr to S Br Root R</b>	<b>2B, 3B</b>
MNPCA1	S003-577		root r at mn-250 brg, 1.5 mi n of lanesboro		LMISS_FC 5
MNPCA1	S004-842		root r, mb at csah-21, 3 mi s of pilot mound		MDAWQMP 47
MNPCA1	S004-842		root r, mb at csah-21, 3 mi s of pilot mound		CMB 6
MPCAB	08LM069		Root River; Upstream of CSAH 21, 5 mi. NW of Lanesboro		phase1 1
MPCAB	08LM070		Root River; Adjacent to Goodview Dr, 3.5 mi. NW of Lanesboro		phase1 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 26/72[4](0/1[1] 10/33[3] 16/38[3])  
 Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 EX 32/53[3] +Phosphorus EX 9/48[3]

<b>07040008-529</b>	<b>3D</b>	<b>13.2</b>	<b>Trout Run Creek</b>	<b>T105 R10W S18, north line to M Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-403		TROUT RUN ck just n of mn-30 at bucksnot dam		FILLSWCD 6
MNPCA1	S004-351		TROUT RUN ck at mn-30, 8 mi e of chatfield		CSMP 6
MNPCA1	S004-822		TROUT RUN ck at csah-43, 5.5 mi ne of chatfield		RTURB-L 16
MNPCA1	S004-822		TROUT RUN ck at csah-43, 5.5 mi ne of chatfield		ROOTRWM 10
MPCAB	04LM098		Trout Run; Upstream of CR 10, ~6 miles NE of Chatfield.		biocriteria 2
MPCAB	08LM008		Trout Run Creek; Upstream of CSAH 43, 5.5 mi. E of Chatfield		phase1 1

Aquatic life NS +Chloride FS 0/10[1] +pH FS 3/50[4] !!!Turbid\_TT\_TSS NS 12/38[4](6/16[2] 6/22[4] --/--[--]) +Un-ionized ammonia FS 0/14[4]  
 Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo  
 Drinking Water FS +NO2&NO3 FS 0/30[2]  
 Ecoregion norms EX +NO2&NO3 EX 25/30[2] +Phosphorus OK 2/26[2]

<b>07040008-530</b>	<b>4A</b>	<b>6.7</b>	<b>Root River, Middle Branch</b>	<b>Rice Cr to Trout Run Cr</b>	<b>2B, 3B</b>
MNPCA1	S005-300		root r at csah-11, 6.5 mi se of chatfield		CMB 8

Aquatic recreation IF +E. coli IF 0/8Ind 0/1mo

<b>07040008-534</b>	<b>4A</b>	<b>6.1</b>	<b>Root River, Middle Branch</b>	<b>N Br Root R to Lynch Cr</b>	<b>2B, 3B</b>
MNPCA1	S005-301		root r at mn-52, 3 mi se of chatfield		CMB 12
MPCAB	04LM006		Root River; Upstream of Hwy 52, 1 mile SE of Chatfield		EMAP 1
MPCAB	08LM050		Root River; Upstream of Hwy 52, 3 mi. SE of Chatfield		phase1 1

Aquatic recreation IF +E. coli IF 1/12Ind 1/2mo



AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
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<b>07040008-535</b>	<b>3A</b>	<b>3.7</b>	<b>Root River, North Branch</b>	<b>Mill Cr to M Br Root R</b>	<b>2B, 3B</b>
MNPCA1	S004-825		root r, nb at unn rd (lost loop), 2 mi se of chatfield		RNC 3
MNPCA1	S004-825		root r, nb at unn rd (lost loop), 2 mi se of chatfield		ROOTRWM 10
MPCAB	08LM012		Root River, North Branch; Upstream of Lost Loop, 2 mi. SE of Chatfield		phase1 2

Aquatic life IF +Chloride FS 0/10[1] +pH FS 0/20[1] +Un-ionized ammonia FS 0/8[1]  
 Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 EX 4/12[1] +Phosphorus OK 0/11[1]

<b>07040008-536</b>	<b>3A</b>	<b>7.3</b>	<b>Mill Creek</b>	<b>T105 R12W S14, north line to N Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S004-828		mill ck at mn-30 in chatfield		ROOTRWM 10
MPCAB	04LM129		Mill Creek; Just upstream of Hwy 30 crossing, just W of Chatfield.		phase1 1
MPCAB	04LM129		Mill Creek; Just upstream of Hwy 30 crossing, just W of Chatfield.		biocriteria 1
MPCAB	08LM043		Mill Creek; Downstream of CR 137, 4.5 mi. NW of Chatfield		phase1 1

Aquatic life IF +Chloride FS 0/10[1] +pH FS 0/24[2] +Un-ionized ammonia FS 0/9[1]  
 Aquatic recreation IF +E. coli IF 2/6Ind 0/0mo  
 Drinking Water NS !!!NO2&NO3 NS 2/13[2]  
 Ecoregion norms EX +NO2&NO3 EX 8/13[2] +Phosphorus OK 0/13[2]

<b>07040008-540</b>	<b>3D</b>	<b>1.1</b>	<b>Upper Bear Creek</b>	<b>T104 R11W S18, west line to M Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-386		unn trib (lost ck) at csah 5, 2.5 mi s of chatfield		FILLSWCD 8
MPCAB	08LM027		Upper Bear Creek; Downstream of CSAH 5, 2 mi. S of Chatfield		phase1 1

Aquatic life IF +pH FS 2/12[5] +Un-ionized ammonia FS 0/5[4]

<b>07040008-542</b>	<b>3A</b>	<b>7.6</b>	<b>Bear Creek</b>	<b>Kedron Cr to M Br Root R</b>	<b>2B, 3B</b>
MNPCA1	S003-384		bear ck at csah 38, 3.5 miles nw of fillmore		FILLSWCD 8
MNPCA1	S004-827		Bear Creek at unn rd (nature rd), 3 mi n of wykoff		ROOTRWM 10
MNPCA1	S004-827		Bear Creek at unn rd (nature rd), 3 mi n of wykoff		RNC 2
MPCAB	08LM014		Bear Creek; Downstream of Nature Rd, 3 mi. N of Wykoff		phase1 1

Aquatic life NS +Chloride FS 0/10[1] +pH FS 0/28[4] !!!Turbid\_TT\_TSS NS 4/20[5](0/1[1] 4/19[5] --/--[--]) +Un-ionized ammonia FS 0/12[4]  
 Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 EX 10/11[1] +Phosphorus OK 0/11[1]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: LM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07040008-546	3A	36.7	Deer Creek	Headwaters to M Br Root R	2B, 3B
MNPCA1	S003-456		deer ck n of 225th st, 1.8 mi sw of grand meadow, mn		CSMP 24
MNPCA1	S004-826		deer ck at csah-8, 3 mi nw of wykoff		ROOTRWM 10
MPCAB	04LM107		Deer Creek; Just upstream of County Route 1 crossing, ~2.5 miles N of Spring Valley		biocriteria 2
MPCAB	08LM059		Deer Creek; Downstream of CSAH 8, 1 mi. S of Grand Meadow		phase1 1
MPCAB	08LM077		Deer Creek; Upstream of CR 5, 3.5 mi. SW of Grand Meadow		phase1 1
MPCAB	08LM080		Deer Creek; Upstream of CSAH 38, 4.5 mi. NW of Wykoff		phase1 1

Aquatic life      FS      +Chloride FS 0/10[1] +pH FS 0/24[2] +Turbid\_TT\_TSS FS 1/37[2](0/3[2] 1/34[2] --/--[--]) +Un-ionized ammonia FS 0/9[1]  
 Aquatic recreation      IF      +E. coli IF 2/6Ind 0/0mo  
 Ecoregion norms      EX      +NO2&NO3 EX 13 15[2] +Phosphorus OK 1/13[2]

07040008-548	3B	17.2	Spring Valley Creek	T103 R13W S29, west line to Deer Cr	1B, 2A, 3B
MNPCA1	S000-769		spring valley c-rd in s19seq 3 mi ne of spring v		ROOTRWM 10
MNPCA1	S000-769		spring valley c-rd in s19seq 3 mi ne of spring v		CSMP 12
MNPCA1	S000-771		spring valley ck, rd access to priv br, 1 mi e of spring v		CSMP 19
MNPCA1	S003-383		spring vally ck just s of csah 8, 1.5 mi sw of fillmore		FILLSWCD 8
MNPCA1	S003-824		spring valley ck at broadway st in spring valley, mn		CSMP 10
MNPCA1	S004-237		spring valley ck at csah-1 in spring valley		CSMP 36
MPCAB	04LM058		Spring Valley Creek; along County Route 8, Spring Valley Township, ~5.4 mi SW of Fillmore.		EMAP 1
MPCAB	08LM006		Spring Valley Creek; Downstream of Orchard Rd, 2.5 mi. W of Wykoff		phase1 1

Aquatic life      NS      +Chloride FS 0/10[1] +pH FS 2/30[5] !!!Turbid\_TT\_TSS NS 12/87[9](0/2[2] 12/85[9] --/--[--]) +Un-ionized ammonia FS 0/13[4]  
 Aquatic recreation      IF      +E. coli IF 1/6Ind 0/0mo  
 Drinking Water      FS      +NO2&NO3 FS 1/12[2]  
 Ecoregion norms      EX      +NO2&NO3 EX 12/12[2] +Phosphorus OK 0/12[2]

07040008-550	3A	3.6	Root River, South Branch	Duschee Cr to M Br Root R	1B, 2A, 3B
MNPCA1	S004-829		root River, sb at elmwood st w in lanesboro		ROOTRWM 10
MNPCA1	S004-829		root River, sb at elmwood st w in lanesboro		RNC 2
MNPCA1	S004-840		root r, sb at end of coffee st w in lanesboro		RTURB-L 15
MPCAB	08LM002		Root River, South Branch; Downstream of CSAH 8, in Lanesboro		phase1 1

Aquatic life      IF      +Chloride FS 0/10[1] +pH FS 0/36[1] +Un-ionized ammonia FS 0/9[1]  
 Aquatic recreation      IF      +E. coli IF 1/6Ind 0/0mo  
 Drinking Water      FS      +NO2&NO3 FS 0/26[1]  
 Ecoregion norms      EX      +NO2&NO3 EX 26/26[1] +Phosphorus EX 7/25[1] +TSS EX 14/25[1]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07040008-551</b>	<b>3B</b>	<b>6.1</b>	<b>Root River, South Branch</b>	<b>Watson Cr to Duschee Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-609		s br root r at csah-17 brg, 1 mi w of lanesboro		CSMP 26
MNPCA1	S003-576		s br root r at old barn resort, 3 mi sw of lanesboro		LMISS_FC 5

Aquatic life NS !!!Turbid\_TT\_TSS NS 8/31[4](--/--[--] 8/31[4] --/--[--])

<b>07040008-552</b>	<b>3D</b>	<b>15.6</b>	<b>Watson Creek</b>	<b>T103 R11W S30, west line to S Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-388		watson ck at csah 17, 3 mi ne of preston		ROOTRWM 9
MNPCA1	S003-388		watson ck at csah 17, 3 mi ne of preston		FILLSWCD 8
MNPCA1	S004-709		watson ck at root r tr brdg, 3 mi ne of preston		CSMP 59
MPCAB	04LM057		Watson Creek; downstream of U.S. Route 52, ~2 miles NW of Preston		EMAP 1
MPCAB	08LM004		Watson Creek; Downstream of CSAH 17, 4 mi. NE of Preston		phase1 1

Aquatic life NS +Chloride FS 0/9[1] +pH FS 1/32[5] !!!Turbid\_TT\_TSS NS 20/74[6](0/1[1] 20/73[6] --/--[--]) +Un-ionzed ammonia FS 0/14[5]

Aquatic recreation IF +E. coli IF 1/5Ind 0/0mo

Drinking Water NS !!!NO2&NO3 NS 4/11[2]

Ecoregion norms EX +NO2&NO3 EX 11/11[2] +Phosphorus OK 1/11[2]

<b>07040008-554</b>	<b>5C</b>	<b>3.0</b>	<b>Root River, South Branch</b>	<b>Willow Cr to Camp Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-538		s br root River at cr17 brg in preston		CSMP 176

Aquatic life NS \$Turbid\_TT\_TSS NS 32/174[8](--/--[--] 32/174[8] --/--[--])

<b>07040008-555</b>	<b>5B</b>	<b>11.8</b>	<b>Root River, South Branch</b>	<b>Canfield Cr to Willow Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-320		s br root r at cr-118 in forestville st pk		RTURB-L 15
MNPCA1	S001-320		s br root r at cr-118 in forestville st pk		1
MNPCA1	S001-320		s br root r at cr-118 in forestville st pk		CSMP 161
MNPCA1	S001-320		s br root r at cr-118 in forestville st pk		CWPSBRT 130
MNPCA1	S001-320		s br root r at cr-118 in forestville st pk		MDAWQMP 29
MNPCA1	S001-320		s br root r at cr-118 in forestville st pk		MISS_INI 1
MNPCA1	S001-321		s br root r t cr-12 br in forestville st pk		CSMP 141
MNPCA1	S004-839		root r, sb at csah-12 in carimona		RTURB-L 3
MNPCA1	S004-839		root r, sb at csah-12 in carimona		MDAWQMP 12
MPCAB	04LM110		South Branch Root River; Downstream of C.R. 118 in Forestville State Park		biocriteria 1
MPCAB	08LM053		Root River, South Branch; Downstream of CSAH 12, 4 mi. W of Preston		phase1 2

Aquatic life NS =Chloride FS 0/34[7] DO12 -- 0/82[9] DO5\_9am FS 0/6[4] DO5\_All FS 0/58[9] DO7 FS 0/24[7] +DOFinal IF[[3]] <>pH FS 2/54[5] \$Turbid\_TT\_TSS NS 22/57[9](22/57[9] 30/248[11] 1/7[2]) +Un-ionzed ammonia FS 0/10[5]

Aquatic recreation NS !!!E. coli NS 5/49Ind 4/7mo

Drinking Water NS !!!NO2&NO3 NS 20/179[10]

Ecoregion norms EX =NO2&NO3 EX 158/179[10] <>Phosphorus OK 13/159[10]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040008-556</b>	<b>5C</b>	<b>7.9</b>	<b>Root River, South Branch</b>	<b>T102 R12W S21, north line to Canfield Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-313		s br root r at cr-5 br, 5 mi s of wykoff		CSMP 121
MNPCA1	S001-315		s br root r at br, 2.5 mi ne of cherry grove		CSMP 164
MPCAB	08LM029		Root River, South Branch; Downstream of Maple Rd, 6 mi. S of Wykoff		phase1 1

Aquatic life NS \$Turbid\_TT\_TSS NS 37/261[11](--/--[--] 37/261[11] --/--[--])

<b>07040008-557</b>	<b>3B</b>	<b>2.1</b>	<b>Canfield Creek</b>	<b>T102 R12W S25, west line to S Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-323		canfield ck, forestville state park		1
MNPCA1	S001-323		canfield ck, forestville state park	CSMP	137
MNPCA1	S001-323		canfield ck, forestville state park	CWPSBRT	17
MNPCA1	S001-323		canfield ck, forestville state park	FILLSWCD	8
MPCAB	04LM108		Canfield Creek; Just upstream of southern boundry of Forestville Mystery Cave State Park. Two miles south of Forestville.	biocriteria	1

Aquatic life NS =Chloride FS 0/7[2] +pH FS 1/14[5] !!!Turbid\_TT\_TSS NS 16/155[10](2/13[4] 14/142[10] --/--[--]) +Un-ionzed ammonia FS 0/6[4]

Aquatic recreation IF +E. coli IF 0/1Ind 0/0mo

Drinking Water NS !!!NO2&NO3 NS 4/13[4]

Ecoregion norms EX =NO2&NO3 EX 13 13[4] =Phosphorus OK 1/13[4]

<b>07040008-558</b>	<b>3D</b>	<b>9.5</b>	<b>Willow Creek</b>	<b>T101 R11W S12, west line to S Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-400		willow ck at csah 12 brg, 1 mi sw of preston	CSMP	56
MNPCA1	S003-400		willow ck at csah 12 brg, 1 mi sw of preston	FILLSWCD	8
MNPCA1	S003-400		willow ck at csah 12 brg, 1 mi sw of preston	ROOTRWM	5
MNPCA1	S004-948		willow ck at csah-15, 2.5 mi s of preston	ROOTRWM	5
MPCAB	04LM021		Willow Creek; Downstream of Hwy 15, 1 mile SW of Preston	EMAP	2
MPCAB	08LM005		Willow Creek; Downstream of CSAH 12, 1 mi. S of Preston	phase1	1
MPCAB	08LM038		Willow Creek; Downstream of Jumper Rd, 5 mi. NW of Harmony	phase1	2

Aquatic life FS +Chloride FS 0/10[1] +pH FS 1/38[5] =Turbid\_TT\_TSS FS 5/78[5](0/3[2] 5/75[5] --/--[--]) +Un-ionzed ammonia FS 0/14[5]

Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo

Drinking Water NS !!!NO2&NO3 NS 6/15[2]

Ecoregion norms EX +NO2&NO3 EX 15/15[2] +Phosphorus OK 0/15[2]

<b>07040008-559</b>	<b>3D</b>	<b>11.1</b>	<b>Camp Creek</b>	<b>Headwaters to S Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-399		camp ck just s of csah 12, 1 mi e of preston	FILLSWCD	8
MNPCA1	S005-073		camp ck at unn rd (hunter rd) brg, 2 mi se of preston	SETRT-S	2
MPCAB	08LM046		Camp Creek; Upstream of Cottage Grove Rd, 1 mi. SE of Preston	phase1	1
MPCAB	08LM075		Camp Creek; Downstream of CSAH 16, 4 mi. S of Preston	phase1	1

Aquatic life IF +pH FS 1/18[5] +Un-ionzed ammonia FS 0/5[4]

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
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Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040008-560</b>	<b>3B</b>	<b>7.6</b>	<b>Duschee Creek</b>	<b>T102 R10W S1, east line to S Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-402		duschee ck at mn-16 brg, 1 mi sw of lanesboro		FILLSWCD 8
MNPCA1	S003-757		duschee ck at 220th st 2.8 mi s of lanesboro, mn		CSMP 51
MPCAB	08LM048		Duschee Creek; Downstream of Grosbeak Rd, 1 mi. SW of Lanesboro		phase1 1

Aquatic life NS +pH FS 0/10[4] !!!Turbid\_TT\_TSS NS 15/58[5](--/--[ ] 15/58[5] --/--[ ])

<b>07040008-561</b>	<b>5C</b>	<b>1.3</b>	<b>Judicial Ditch 1</b>	<b>Unnamed cr to S Br Root R</b>	<b>2B, 3B</b>
MNPCA1	S001-340		jd-1 at csah-3 br, 4 mi se of grand meadow, mn		MDAWQMP 26
MNPCA1	S001-340		jd-1 at csah-3 br, 4 mi se of grand meadow, mn		CSMP 284
MNPCA1	S001-340		jd-1 at csah-3 br, 4 mi se of grand meadow, mn		CWPSBRT 12
MPCAB	08LM034		Judicial Ditch 1; Downstream of 200 St, 4.5 mi. SE of Grand Meadow		phase1 1

Aquatic life NS =Chloride FS 0/7[3] \$Turbid\_TT\_TSS NS 50/317[10](3/15[4] 47/298[10] 0/4[2])

Ecoregion norms EX =NO2&NO3 EX 34/41[5] <>Phosphorus EX 4/38[5]

<b>07040008-562</b>	<b>3B</b>	<b>0.6</b>	<b>Etna Creek</b>	<b>Unnamed cr to S Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-316		etna ck at cr-14 br at etna		CWPSBRT 13
MNPCA1	S001-316		etna ck at cr-14 br at etna		CSMP 26

Aquatic life FS =Chloride FS 0/7[2] =Turbid\_TT\_TSS FS 2/37[4](2/11[3] 0/26[1] --/--[ ])

Drinking Water NS !!!NO2&NO3 NS 3 11[3]

Ecoregion norms EX =NO2&NO3 EX 11/11[3] =Phosphorus OK 1/11[3]

<b>07040008-563</b>	<b>5A</b>	<b>1.9</b>	<b>Forestville Creek</b>	<b>Unnamed cr to S Br Root R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-322		forestville ck, forestville st pk		CWPSBRT 17
MNPCA1	S001-322		forestville ck, forestville st pk		FILLSWCD 8
MNPCA1	S001-322		forestville ck, forestville st pk		RTURB-L 16
MNPCA1	S001-322		forestville ck, forestville st pk		CSMP 154
MPCAB	08LM020		Forestville Creek; Adjacent to CR 118, 5 mi. S of Wykoff		phase1 1

Aquatic life NS =Chloride FS 0/8[2] +pH FS 1/34[5] \$Turbid\_TT\_TSS NS 8/27[5](8/27[5] 26/163[11] --/--[ ]) +Un-ionized ammonia FS 0/6[4]

Drinking Water NS !!!NO2&NO3 NS 4/31[5]

Ecoregion norms EX =NO2&NO3 EX 29/31[5] =Phosphorus EX 4/31[5]

<b>07040008-564</b>	<b>3B</b>	<b>2.4</b>	<b>Unnamed creek (West Branch Wiscoy Cr</b>	<b>Unnamed cr to Money Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-821		unn ck (money ck, wb) at csah-19 clvrt, 3 1/2 mi w of witoka		CSMP 102

Aquatic life NS !!!Turbid\_TT\_TSS NS 12/102[6](--/--[ ] 12/102[6] --/--[ ])

AUID	Category	Miles	Reach Name	Basin: LM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07040008-573</b>	<b>3A</b>	<b>10.6</b>	<b>Root River, South Fork</b>		<b>Headwaters to T102 R9W S27, east line</b>	<b>2B, 3B</b>	
MNPCA1	S004-851		root r, sf at csah-23 in amherst			RTURB-L	16
MPCAB	04LM113		South Fork Root River; downstream of CR 18, ~5 miles NE of Harmony			biocriteria	1

Aquatic life IF +pH FS 0/20[2]  
 Ecoregion norms EX +NO2&NO3 EX 13 16[2] +Phosphorus EX 5/16[2]

<b>07040008-575</b>	<b>3A</b>	<b>4.9</b>	<b>Money Creek</b>		<b>T105 R7W S3, north line to T105 R7W S16, south line</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-275		money ck off csah-19, 3 1/2 mi sw of witoka			CSMP	49
MNPCA1	S005-083		money ck at csah-19, 4 mi sw of witoka			SETRT-S	1

Aquatic life FS +Turbid\_TT\_TSS FS 2/50[3](0/1[1] 2/49[2] --/--[--])

<b>07040008-581</b>	<b>3D</b>	<b>2.9</b>	<b>Rice Creek</b>		<b>T104 R11W S23, west line to M Br Root R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S003-387		rice ck at unn rd just n of csah 6, 4.5 mi se of chatfield			FILLSWCD	8
MPCAB	08LM031		Rice Creek; Downstream of 308th St, 5 mi. SE of Chatfield			phase1	1

Aquatic life IF +pH FS 2/12[5] +Un-ionized ammonia FS 0/5[4]

<b>07040008-586</b>	<b>5B</b>	<b>25.9</b>	<b>Root River, South Branch</b>		<b>Headwaters to T102 R12W S16, south line</b>	<b>2B, 3B</b>	
MNPCA1	S001-312		s br root r, 2 mi nw of cherry grove			CSMP	652
MNPCA1	S001-314		s br root r at br, 1 mi ne ostrander			CSMP	34
MNPCA1	S001-317		s br root r, 3 mi nw ostrander			CSMP	116
MNPCA1	S001-318		s br root r at br, 1 mi n of etna			CWPSBRT	24
MNPCA1	S001-318		s br root r at br, 1 mi n of etna			RTURB-L	16
MNPCA1	S001-318		s br root r at br, 1 mi n of etna			CSMP	116
MNPCA1	S001-428		s br root r at csah-1 4 mi sw of spring valley			CSMP	119
MNPCA1	S001-539		s br root r at grvl rd br 1 mi w of csah14 5 mi se gr meadow			CWPSBRT	11
MNPCA1	S001-539		s br root r at grvl rd br 1 mi w of csah14 5 mi se gr meadow			MDAQQMP	26
MNPCA1	S001-539		s br root r at grvl rd br 1 mi w of csah14 5 mi se gr meadow			CSMP	223
MNPCA1	S001-945		s br root r at csah-14, 3 mi nw of ostrander			CSMP	160
MNPCA1	S001-945		s br root r at csah-14, 3 mi nw of ostrander			CWPSBRT	25
MPCAB	04LM111		South Branch Root River; just upstream of CR 114, ~ 1 mile N. of Etna			biocriteria	1
MPCAB	08LM019		Root River, South Branch; Upstream of 151st Ave, 7 mi. SW of Wykoff			phase1	1

Aquatic life NS =Chloride FS 0/42[3] DO12 -- 0/27[5] DO5\_9am FS 0/2[2] DO5\_All FS 0/21[5] DO7 FS 0/6[3] +DOFinal IF[[0]] +pH FS 0/20[2] \$Turbid\_TT\_TSS NS 14/46[5](14/46[5] 69/932[11] 2/12[3])  
 Ecoregion norms EX =NO2&NO3 EX 95/115[6] =Phosphorus EX 13/66[6]

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<b>07040008-589</b>	<b>3D</b>	<b>1.7</b>	<b>Gribben Creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>1B, 2A, 3B</b>	
MNPCA1	S001-966		gribben cr 1.75 mi se of whalan, mn				CSMP	175
MNPCA1	S005-075		gribben ck at cr-23 brg, 1.5 mi s of whalan				SETRT-S	2
MPCAB	04LM114		Gribben Creek; Along CR 23, 3 miles E. of Lanesboro				biocriteria	1
MPCAB	08LM044		Gribben Creek; Upstream of CSAH 23, 1.5 mi. SE of Whalan				phase1	2

Aquatic life FS +pH FS 0/10[2] =Turbid\_TT\_TSS FS 14/179[7](0/3[2] 14/176[7] --/--[--])

<b>07040008-591</b>	<b>3D</b>	<b>1.0</b>	<b>Gribben Creek</b>		<b>Unnamed cr to Root R</b>		<b>1B, 2A, 3B</b>	
MNPCA1	S001-406		gribben ck at mn-16 0.4 mi e of whalan				CSMP	7
MNPCA1	S001-406		gribben ck at mn-16 0.4 mi e of whalan				FILLSWCD	8
MNPCA1	S001-407		gribben ck 0.1 mi s of mn-16 0.5 mi ese of whalan				CSMP	8

Aquatic life IF +pH FS 0/10[4] +Un-ionzed ammonia FS 0/5[4]

<b>07040008-595</b>	<b>3A</b>	<b>1.0</b>	<b>Carson Creek (Little Jordan Creek)</b>		<b>Unnamed cr to M Br Root R</b>		<b>1B, 2A, 3B</b>	
MNPCA1	S003-385		carson ck at csah 5, 3 miles n of fillmore				FILLSWCD	8

Aquatic life IF +pH FS 1/10[4]

<b>07040008-607</b>	<b>3D</b>	<b>2.0</b>	<b>Torkelson Creek</b>		<b>T104 R10W S25, north line to M Br Root R</b>		<b>1B, 2A, 3B</b>	
MNPCA1	S003-390		torkelson ck at unn rd, 4 mi n of lanesboro				FILLSWCD	8

Aquatic life IF +pH FS 2/12[4] +Un-ionzed ammonia FS 0/6[4]

<b>07040008-616</b>	<b>3B</b>	<b>6.1</b>	<b>Shattuck Creek (Nepstad Creek)</b>		<b>T102 R9W S2, west line to S Fk Root R</b>		<b>1B, 2A, 3B</b>	
MNPCA1	S003-397		shattuck ck at unn rd, 7.5 mi se of lanesboro				CWPSBRT	1
MNPCA1	S003-397		shattuck ck at unn rd, 7.5 mi se of lanesboro				FILLSWCD	11
MNPCA1	S004-125		shattuck cr on unn rd, 1.5 mi s of highland				FILLSWCD	1
MPCAB	08LM025		Shattuck Creek; Upstream of 401st Ave, 7 mi. SE of Lanesboro				phase1	1

Aquatic life IF +pH FS 0/20[6] Un-ionzed ammonia FS 1/10[5]

<b>07040008-617</b>	<b>3B</b>	<b>4.2</b>	<b>Unnamed creek (Maple Creek)</b>		<b>T103 R8W S28, west line to T102 R8W S3, south line</b>		<b>1B, 2A, 3B</b>	
MNPCA1	S003-398		unn trib at mn-43, 1 mi n of choice				FILLSWCD	10
MNPCA1	S003-398		unn trib at mn-43, 1 mi n of choice				CWPSBRT	1
MPCAB	08LM033		Trib. to Root River, South Fork; Upstream of Hwy 43, 9 mi. SE of Lanesboro				phase1	1

Aquatic life IF +pH FS 1/18[6] Un-ionzed ammonia FS 1/7[4]

<b>07040008-621</b>	<b>3D</b>	<b>0.5</b>	<b>Diamond Creek</b>		<b>T103 R9W S3, south line to Root R</b>		<b>2B, 3B</b>	
MNPCA1	S003-391		diamond ck at mn-16 brg, 4.5 mi ne of lanesboro				FILLSWCD	8

Aquatic life IF +pH FS 0/10[4] +Un-ionzed ammonia FS 0/5[4]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: LM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07040008-623		3A	3.7	Big Springs Creek	Unnamed cr to Root R	1B, 2A, 3B	
MNPCA1	S003-393			big springs ck at cr-23 brg, 6 mi ne of lanesboro		FILLSWCD	8
MNPCA1	S003-393			big springs ck at cr-23 brg, 6 mi ne of lanesboro		SNAKEWBT	1
MPCAB	08LM073			Big Springs Creek; Adjacent to CR 105, 6 mi. NE of Lanesboro		phase1	1

Aquatic life      IF      +pH FS 0/12[5]  
 Aquatic recreation      IF      +E. coli IF 0/1Ind 0/0mo

07040008-631		3A	5.8	Corey Creek	T105 R6W S18, east line to Money Cr	1B, 2A, 3B	
MNPCA1	S004-287			corey ck just off csah-17, 6.5 mi ne of rushford		CSMP	51
MPCAB	08LM018			Corey Creek; Downstream of CSAH 17, 3.5 mi. NW of Money Creek		phase1	1

Aquatic life      FS      +Turbid\_TT\_TSS FS 0/52[3](--/--) 0/52[3] --/--)

07040008-689		3A	2.6	Unnamed creek	Headwaters to Unnamed cr	2B, 3B	
MNPCA1	S003-606			hdwtrs spring & trib to n br root r in s1, w of mn-74		WWNMP	18

Aquatic life      IF      +Chloride FS 0/21[1]

07040008-690		3B	2.8	Unnamed creek	Headwaters to Unnamed cr	2B, 3B	
MNPCA1	S003-607			hdwtrs spring and trib to n br root r btwn s1 and s12		WWNMP	107
MNPCA1	S003-607			hdwtrs spring and trib to n br root r btwn s1 and s12			2

Aquatic life      IF      +Chloride FS 0/119[6]  
 Aquatic recreation      IF      +E. coli IF 0/2Ind 0/0mo

07040008-696		3A	0.5	Carey Creek	Unnamed cr to Unnamed cr	2B, 3B	
MNPCA1	S004-319			carey ck at 16th st brg, 1 mi sw of stewartville		CSMP	81
MPCAB	08LM022			Carey Creek; Upstream of Mower/Olmstead Rd, 1.5 mi. SW of Stewartville		phase1	1

Aquatic life      FS      +Turbid\_TT\_TSS FS 6/82[3](--/--) 6/82[3] --/--)

07040008-716		5C	32.1	Root River, North Branch	Unnamed cr to Mill Cr	2B, 3B	
MNPCA1	S002-482			root r, n br at brg on unn road, 2 mi ne of stewartville		CSMP	58
MNPCA1	S003-827			root r, n br, at cr-19, 8.5 mi se of rochester, mn		CSMP	26
MNPCA1	S004-841			root r, nb at csah-2, 1 mi w of chatfield		RTURB-L	16
MNPCA1	S004-919			root r, nb at walking brg in park, n side of stewartville		RTURB-L	16
MPCAB	04LM025			North Branch Root River; Upstream of Hwy 30, 4 miles NW of Chatfield		EMAP	1
MPCAB	04LM130			North Branch of Root River; Upstream of county route 19, 4 miles NW of Cummingsville.		biocriteria	1
MPCAB	08LM017			Root River, North Branch; Upstream of CSAH 19, 6 mi. SW of Eyota		phase1	1
MPCAB	08LM032			Root River, North Branch; Upstream of 15th Ave NE, 1.5 mi. NE of Stewartville		phase1	1
MPCAB	08LM084			Root River, North Branch; Downstream of CSAH 2, 0.5 mi. W of Chatfield		phase1	2

Aquatic life      NS      +pH FS 1/30[2]      \$Turbid\_TT\_TSS NS 16/98[6](5/15[2] 11/83[6] --/--)  
 Ecoregion norms      EX      +NO2&NO3 EX 21/39[2]      +Phosphorus EX 6/20[2]



**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: LM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
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<b>07040008-717</b>	<b>5C</b>	<b>30.8</b>	<b>Root River, North Branch</b>	<b>Headwaters to Carey Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-355		north branch root r 2.25 mi w of stewartville, mn		CSMP 114
MNPCA1	S005-119		root r, nb at 300th st., 4.5 mi n of dexter		MERCLKS/ 2
MPCAB	08LM039		Root River, North Branch; Upstream of CR 115, 5 mi. W of Stewartville		phase1 1
MPCAB	08LM054		Root River, North Branch; Upstream of 680th Ave, 8.5 mi. SE of Hayfield		phase1 1
MPCAB	08LM097		Root River, North Branch; Upstream of CSAH 7, 4 mi. NW of Dexter		phase1 1

Aquatic life      NS      +pH FS 0/10[1] \$Turbid\_TT\_TSS NS 32/121[9](--/--[ ] 32/117[9] 0/4[1])

<b>07040008-B02</b>		<b>0.8</b>	<b>Unnamed creek (East Branch Wiscoy Cr</b>	<b>Unnamed cr to T105 R7W S15, west line</b>	<b>2B, 3B</b>
MNPCA1	S001-819		unn ck (wiscoy ck) n of csah-17, 3 1/3 mi s of witoka		CSMP 157

Aquatic life      FS      +Turbid\_TT\_TSS FS 5/157[7](--/--[ ] 5/157[7] --/--[ ])

**HUC: 07060001      DNR Major: 44      HUC NAME: MISS R-Reno**

<b>07060001-509</b>	<b>5B</b>	<b>19.7</b>	<b>Mississippi River</b>	<b>Root R to MN/IA border</b>	<b>2B, 3B</b>
LTRM	M679.5V		Mississippi River 679.5 MN-WI IMP west side of channel 07/22/1988 09/05/2002		119
LTRM	M679.5X		Mississippi River 679.5 MN-WI MC transect site-mid channel 01/12/2000 08/19/2002		53
LTRM	M679.5Z		Mississippi River 679.5 MN-WI MC transect site-east side 01/12/2000 08/19/2002		53
MNPCA1	S000-094		mississippi r. @ lock & dam #8 reno,mn/genoa,wi	LOCK&DAM	49
MPCAB	07LM382		Mississippi River; 1 mi. NW of Genoa, WI	EMAP-GRE	1

Aquatic life      NS      =Chloride FS 0/127[5] DO12 -- 2 158[8] DO5\_9am FS 1/23[5] DO5\_All FS 2/80[7] DO7 FS 0/78[7] +DOFinal IF[[7]] =pH FS 0/230[8] !!!Turbid\_TT\_TSS NS 12/78[8](12/78[8] 0/49[1] --/--[ ]) +Un-ionzed ammonia FS 0/147[6]

Ecoregion norms      EX      =NO2&NO3 EX 167/173[7] <>Phosphorus EX 13/77[8] =TSS EX 47/105[8]

<b>07060001-520</b>	<b>3A</b>	<b>2.8</b>	<b>Crooked Creek, North Fork</b>	<b>T102 R5W S21, north line to Crooked Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-794		crooked ck, n fk, off mn-249, 5 mi se of caledonia, mn		CSMP 46

Aquatic life      FS      +Turbid\_TT\_TSS FS 0/46[2](--/--[ ] 0/46[2] --/--[ ])

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
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**HUC: 04010101      DNR Major: 1      HUC NAME: LAKE SUPERIOR-North**

04010101-502	5C	13.2	Brule River	Greenwood R to Lk Superior	1B, 2A, 3B
MNPCA1	S000-251		brule r upstrm of us-61 at judge cr magney park		11
MNPCA1	S000-251		brule r upstrm of us-61 at judge cr magney park	MILE	50
MNPCA1	S000-251		brule r upstrm of us-61 at judge cr magney park	NS_LOAD	102
MNPCA1	S003-904		brule r at us-61, 4.5 mi sw of hovland, mn	CSMP	41

Aquatic life      NS      =Chloride FS 0/110[8] DO12 -- 3/117[9] DO5\_9am FS 0/5[4] DO5\_All FS 3/65[8] DO7 FS 0/52[9] +DOFinal IF[[6]] =pH FS 9/250[9] !!!Turbid\_TT\_TSS NS 22/143[10](22/143[10] 0/45[2] --/--[--]) +Un-ionzed ammonia FS 0/38[8]

Aquatic recreation      FS      +E. coli FS 0/30Ind 0/3mo

Drinking Water      FS      +NO2&NO3 FS 0/104[9]

Ecoregion norms      EX      +BOD5 OK 0/11[3] =NO2&NO3 EX 46/104[9] =Phosphorus OK 7/130[8]

04010101-511	3A	11.1	Flute Reed River	Headwaters (Moosehorn Lk (16-0015-00) to Lk Superior	1B, 2A, 3B
MNPCA1	S003-903		flute reed ck at us-61 in hovland, mn	CSMP	16
MNPCA1	S004-235		flute reed r at camp 20 rd, 2.5 mi nw of hovland	CSMP	27
MNPCA1	S004-277		flute reed r at camp 20 rd, 4 3/4 mi nw of hovland	CSMP	9
MNPCA1	S004-278		flute reed r, near sup hike trail, 4.5 mi nw hovland	CSMP	16
MNPCA1	S004-283		flute reed r at cr-88 in hovland, mn	CSMP/FLU	13
MNPCA1	S004-283		flute reed r at cr-88 in hovland, mn	CSMP	50
MNPCA1	S004-283		flute reed r at cr-88 in hovland, mn	FLUTE-S	14

Aquatic life      NS      +Chloride FS 0/13[1] +pH FS 2/26[1] !!!Turbid\_TT\_TSS NS 22/117[4](9/14[1] 13/103[3] --/--[--]) +Un-ionzed ammonia FS 0/12[1]

Drinking Water      FS      +NO2&NO3 FS 0/14[1]

Ecoregion norms      EX      +NO2&NO3 EX 4/14[1]

04010101-536	2	4.6	Mistletoe Creek	Halls Pond to Poplar R	1B, 2A, 3B
MNPCA1	S002-276		mistletoe cr at csah 4, 5 mi n of lutsen, mn	CSMP	33

Aquatic life      FS      =Turbid\_TT\_TSS FS 0/33[4](--/--[--] 0/33[4] --/--[--])

04010101-551	3A	12.9	Lake Superior Shoreline	Baptism R to Manitou R	1B, 2A, 3A
MNPCA1	16-0001-B024		beach: lk sup, tettegouche st pk 4.5 mi ne of silver bay	EPABEACH	97

Aquatic recreation      IF      +E. coli IF 0/97Ind 0/5mo

04010101-552	3A	10.5	Lake Superior Shoreline	Manitou R to Two Island R	1B, 2A, 3A
MNPCA1	16-0001-B025		beach: lk sup, sugarloaf cove 4.5 mi sw of schroeder	EPABEACH	95

Aquatic recreation      IF      +E. coli IF 0/95Ind 0/5mo

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009
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<b>04010101-554</b>	<b>3A</b>	<b>1.2</b>	<b>Lake Superior Shoreline</b>		<b>Cross R to Temperance R</b>		<b>1B, 2A, 3A</b>
MNPCA1	16-0001-B026		beach: lk sup, schroeder town park in schroeder				EPABEACH 97
MNPCA1	16-0001-B027		beach: lk sup, temperance r st pk 1 mi ne of schroeder				EPABEACH 99
Aquatic recreation	IF		+E. coli IF 0/99Ind 0/5mo				
<b>04010101-557</b>	<b>3A</b>	<b>14.8</b>	<b>Lake Superior Shoreline</b>		<b>Cascade R to Devil Track R</b>		<b>1B, 2A, 3A</b>
MNPCA1	16-0001-B028		beach: lk sup, cutface ck wayside 5 mi sw of grand marais				EPABEACH 99
MNPCA1	16-0001-B029		beach: lk sup, grand marais campground in grand marais				EPABEACH 120
MNPCA1	16-0001-B030		beach: lk sup, grand marais downtown/marina in grand marais				EPABEACH 116
MNPCA1	16-0001-B031		beach: lk sup, old shore road ne of grand marais				EPABEACH 92
Aquatic recreation	IF		+E. coli IF 0/125Ind 0/6mo				
<b>04010101-558</b>	<b>3A</b>	<b>4.2</b>	<b>Lake Superior Shoreline</b>		<b>Devil Track R to Kimball Cr</b>		<b>1B, 2A, 3A</b>
MNPCA1	16-0001-B032		beach: lk sup, durfee ck mouth ne of grand marais				EPABEACH 95
Aquatic recreation	IF		+E. coli IF 0/95Ind 0/5mo				
<b>04010101-559</b>	<b>3A</b>	<b>7.1</b>	<b>Lake Superior Shoreline</b>		<b>Kimball Cr to Brule R</b>		<b>1B, 2A, 3A</b>
MNPCA1	16-0001-B033		beach: lk sup, kadunce ck mouth 8 mi ne of grand marais				EPABEACH 91
MNPCA1	16-0001-B034		beach: lk sup, paradise beach ne of grand marais				EPABEACH 88
Aquatic recreation	IF		+E. coli IF 0/91Ind 0/5mo				
<b>04010101-576</b>	<b>3A</b>	<b>0.9</b>	<b>Caribou River</b>		<b>Unnamed cr to Lk Superior</b>		<b>1B, 2A, 3B</b>
MNPCA1	S004-954		caribou r at us-61, 10 mi n of illgen city				NSHORE-S 12
Aquatic life	IF		+pH FS 0/22[1]				
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo				
<b>04010101-590</b>	<b>3A</b>	<b>14.4</b>	<b>Cascade River</b>		<b>N Br Cascade R to Lk Superior</b>		<b>1B, 2A, 3B</b>
MNPCA1	S000-253		Cascade River at us-61 bridge sw of grand marais				NSHORE-S 12
MPCAB	99NF198		Cascade River; ~1.2 miles S of CR 45, 8.5 mi. SW of Grand Marais				nlf 2
Aquatic life	IF		+pH FS 0/26[2]				
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo				

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>04010101-612</b>	<b>2</b>	<b>5.5</b>	<b>Poplar River</b>	<b>Mistletoe Cr to Superior Hiking Trail bridge</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-753		poplar r on ftbrg upst of lutsen ski hills, lutsen, mn		COOKLKSR 20
MNPCA1	S001-753		poplar r on ftbrg upst of lutsen ski hills, lutsen, mn		NS_LOAD 117
MNPCA1	S001-753		poplar r on ftbrg upst of lutsen ski hills, lutsen, mn		POPLAR-L 12

Aquatic life FS =Chloride FS 0/115[7] DO12 -- 0/78[6] DO5\_All FS 0/46[6] DO7 FS 0/32[6] +DOFinal IF[[5]] =pH FS 2/166[6] =Turbid\_TT\_TSS FS 7/112[7](7/112[7] 0/3[1] --/--[--])

Aquatic recreation FS +E. coli FS 0/20Ind 0/1mo

Drinking Water FS +NO2&NO3 FS 0/78[5]

Ecoregion norms EX =NO2&NO3 EX 49/78[5] =Phosphorus OK 7/112[7]

<b>04010101-613</b>	<b>5A</b>	<b>2.8</b>	<b>Poplar River</b>	<b>Superior Hiking Trail bridge to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	S000-261		poplar r between foot bridges at lutsen lodge		11
MNPCA1	S000-261		poplar r between foot bridges at lutsen lodge	COOKLKSR	18
MNPCA1	S000-261		poplar r between foot bridges at lutsen lodge	LOADSTDY	2
MNPCA1	S000-261		poplar r between foot bridges at lutsen lodge	MILE	51
MNPCA1	S000-261		poplar r between foot bridges at lutsen lodge	NS_LOAD	115
MNPCA1	S000-261		poplar r between foot bridges at lutsen lodge	POPLAR-L	9
MNPCA1	S004-406		poplar r at golf course br in lutsen, mn	NS_LOAD	15
MNPCA1	S004-406		poplar r at golf course br in lutsen, mn	COOKLKSR	22
MNPCA1	S004-406		poplar r at golf course br in lutsen, mn	POPLAR-L	12

Aquatic life NS =Chloride FS 0/131[8] DO12 -- 3/122[9] DO5\_9am FS 0/2[2] DO5\_All FS 3/70[8] DO7 FS 0/52[9] +DOFinal IF[[5]] =pH FS 3/256[9] \$Turbid\_TT\_TSS NS 54/158[10](54/158[10] 0/4[1] --/--[--]) +Un-ionzed ammonia FS 0/40[8]

Aquatic recreation FS +E. coli FS 1/50Ind 0/7mo

Drinking Water FS +NO2&NO3 FS 0/116[9]

Ecoregion norms EX +BOD5 OK 0/12[3] =NO2&NO3 EX 80/116[9] =Phosphorus EX 28/141[8]

<b>04010101-614</b>	<b>3D</b>	<b>2.2</b>	<b>Caribou Creek</b>	<b>Caribou Lk to Poplar R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S002-275		caribou cr on csah 4, 4.5 mi n of lutsen, mn		CSMP 32

Aquatic life FS +Turbid\_TT\_TSS FS 0/32[4](--/--[--] 0/32[4] --/--[--])

<b>04010101-615</b>	<b>3D</b>	<b>3.2</b>	<b>Spruce Creek (Deer Yard Creek)</b>	<b>Unnamed cr (Ward Lk outlet) to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-439		SPRUCE CR 10 mi s of grand marais, mn		CSMP 33

Aquatic life FS +Turbid\_TT\_TSS FS 3/33[3](--/--[--] 3/33[3] --/--[--])

<b>04010101-B62</b>	<b>3A</b>	<b>1.5</b>	<b>Unnamed creek (Sugar Loaf Creek)</b>	<b>T58 R5W S20, west line to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-865		sugarloaf ck .15 mi dnst of us-61, 6 mi sw of schroeder, mn		CSMP 56
MNPCA1	S004-951		unn str (sugar loaf ck) at us-61, 6 mi sw of schroeder		NSHORE-S 11

Aquatic life FS +pH FS 0/20[1] +Turbid\_TT\_TSS FS 2/64[3](2/8[1] 0/56[2] --/--[--])

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

**HUC: 04010102      DNR Major: 2      HUC NAME: LAKE SUPERIOR-South**

04010102-501	5A	23.4	Beaver River	Headwaters to Lk Superior	1B, 2A, 3B
MNPCA1	S000-252		beaver r south of csah-3 1.5 mi nw of beaver bay		11
MNPCA1	S000-252		beaver r south of csah-3 1.5 mi nw of beaver bay	MILE	50
MNPCA1	S004-955		beaver r just upstrm of us-61 at beaver bay	NSHORE-S	12

Aquatic life      NS      +Chloride FS 0/9[2] DO12 -- 0/56[9] DO5\_All FS 0/30[5] DO7 FS 0/26[9] +DOFinal IF[[1]] \$pH FS 10/112[9] \$Turbid\_TT\_TSS NS 16/55[9](16/55[9] 0/1[1] --/--[--])  
+Un-ionzed ammonia FS 0/37[8]

Aquatic recreation      FS      +E. coli FS 1/39Ind 0/6mo

Drinking Water      FS      +NO2&NO3 FS 0/38[8]

Ecoregion norms      EX      +BOD5 OK 0/12[3] =NO2&NO3 EX 34/38[8] =Phosphorus OK 1/30[6]

04010102-502	3A	22.9	Gooseberry River	Headwaters to Lk Superior	1B, 2A, 3B
MNPCA1	S000-256		gooseberry r down of us-61 gooseberry state park	NSHORE-S	12

Aquatic life      IF      +pH FS 0/22[1]

Aquatic recreation      IF      +E. coli IF 0/10Ind 0/0mo

04010102-504	5A	23.8	Knife River	Headwaters to Lk Superior	1B, 2A, 3B
MNPCA1	S000-257		Knife River upstream of old us-61 at Knife River		11
MNPCA1	S000-257		Knife River upstream of old us-61 at Knife River	MILE	47
MNPCA1	S000-257		Knife River upstream of old us-61 at Knife River	SSSTA	5
MNPCA1	S003-642		knife r dwnst of us-61, 0.5 mi sw of knife r, minnesota	KNIFE_R	68
MNPCA1	S003-670		knife r at nursery rd, 4.8 mi nw of two harbors, minnesota	KNIFE_R	65

Aquatic life      NS      +Chloride FS 0/9[2] DO12 -- 3/74[9] DO5\_9am FS 0/6[2] DO5\_All FS 3/45[6] DO7 FS 0/29[9] +DOFinal IF[[1]] \$pH FS 4/184[9] \$Turbid\_TT\_TSS NS  
42/107[9](42/107[9] 0/5[2] --/--[--]) +Un-ionzed ammonia FS 0/36[8]

Aquatic recreation      FS      +E. coli FS 1/30Ind 0/3mo

Drinking Water      FS      +NO2&NO3 FS 0/37[8]

Ecoregion norms      EX      =BOD5 OK 0/15[4] =NO2&NO3 EX 13 37[8] =Phosphorus EX 4/36[8]

04010102-508	5A	6.2	Talmadge River (Talmadge Creek)	Headwaters to Lk Superior	1B, 2A, 3B
MNPCA1	S001-755		talmadge r at co rd 281, 3 mi n of duluth, mn	CSMP	35
MNPCA1	S001-755		talmadge r at co rd 281, 3 mi n of duluth, mn	NS_LOAD	118

Aquatic life      NS      =Chloride FS 0/118[8] DO12 -- 2 79[7] DO5\_9am FS 0/2[2] DO5\_All FS 2/43[7] \$DO7 FS 0/36[6] \$DOFinal IF[[5]] =pH FS 2/172[7] \$Turbid\_TT\_TSS NS  
44/114[8](44/114[8] 0/37[3] --/--[--])

Drinking Water      FS      +NO2&NO3 FS 0/71[5]

Ecoregion norms      EX      =NO2&NO3 EX 27/71[5] =Phosphorus EX 42/117[8]

04010102-509	3D	0.7	Schmidt Creek	T51 R12W S17, north line to Lk Superior	1B, 2A, 3B
MNPCA1	S003-355		schmidt ck at us-61. 3 mi ne of duluth, mn	CSMP	71

Aquatic life      FS      +Turbid\_TT\_TSS FS 4/71[3](--/--[--] 4/71[3] --/--[--])

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>04010102-511</b>	<b>5C</b>	<b>2.3</b>	<b>Amity Creek</b>	<b>Unnamed cr to Lester R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-757		amity ck on first brg on occidental blvd in duluth		NS_LOAD 122
MNPCA1	S001-757		amity ck on first brg on occidental blvd in duluth		CSMP 34
MNPCA1	S003-820		amity ck off tioga st in lester park in duluth, mn		CSMP 83

Aquatic life NS =Chloride FS 0/122[8] DO12 -- 0/88[7] DO5\_9am FS 0/3[3] DO5\_All FS 0/45[7] DO7 FS 0/43[7] +DOFinal IF[[4]] =pH FS 3/188[7] \$Turbid\_TT\_TSS NS 62/118[8](62/118[8] 6/101[4] --/--[--])

Drinking Water FS +NO2&NO3 FS 0/65[5]

Ecoregion norms EX =NO2&NO3 EX 36/65[5] =Phosphorus EX 55/120[8]

<b>04010102-516</b>	<b>3A</b>	<b>15.9</b>	<b>Lake Superior</b>	<b>Blatnik bridge (Rices Pt) to Lester R</b>	<b>2B, 3B</b>
MNPCA1	16-0001-B008		beach: lk sup, duluth lk walk rest rooms, canal pk, duluth		EPABEACH 285
MNPCA1	16-0001-B009		beach: lk sup, leif erikson park in duluth		EPABEACH 111
MNPCA1	16-0001-B038		beach: lk sup, duluth lakewalk east/16th ave e, duluth		EPABEACH 78

Aquatic recreation IF +E. coli IF 3/287Ind 0/6mo

<b>04010102-519</b>	<b>3A</b>	<b>3.8</b>	<b>Split Rock River</b>	<b>W Br Split Rock R to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	S000-263		split rock r abv us-61 5 mi ne of castle danger		NSHORE-S 12

Aquatic life IF +pH FS 0/22[1]

Aquatic recreation IF +E. coli IF 0/10Ind 0/0mo

<b>04010102-521</b>	<b>3A</b>	<b>7.2</b>	<b>Lake Superior Shoreline</b>	<b>Lester R to French R</b>	<b>1B, 2A, 3A</b>
MNPCA1	16-0001-B010		beach: lk sup, 42nd avenue in duluth		EPABEACH 104
MNPCA1	16-0001-B012		beach: lk sup, brighton beach (kitchi gammi pk) in duluth		EPABEACH 241

Aquatic recreation IF +E. coli IF 0/244Ind 0/6mo

<b>04010102-522</b>	<b>3A</b>	<b>2.8</b>	<b>Lake Superior Shoreline</b>	<b>French R to Sucker R</b>	<b>1B, 2A, 3A</b>
MNPCA1	16-0001-B013		beach: lk sup, french r mouth ne of duluth		EPABEACH 110
MNPCA1	16-0001-B014		beach: lk sup, bluebird landing ne of duluth		EPABEACH 107

Aquatic recreation IF +E. coli IF 0/114Ind 0/5mo

<b>04010102-523</b>	<b>3A</b>	<b>5.2</b>	<b>Lake Superior Shoreline</b>	<b>Sucker R to Knife R</b>	<b>1B, 2A, 3A</b>
MNPCA1	16-0001-B015		beach: lk sup, stony point ne of duluth		EPABEACH 106
MNPCA1	16-0001-B035		beach: lk sup, knife r marina sw of two harbors		EPABEACH 92

Aquatic recreation IF +E. coli IF 0/108Ind 0/5mo

<b>04010102-524</b>	<b>3A</b>	<b>14.6</b>	<b>Lake Superior Shoreline</b>	<b>Knife R to Stewart R</b>	<b>1B, 2A, 3A</b>
MNPCA1	16-0001-B016		beach: lk sup, burlington bay in two harbors		EPABEACH 128
MNPCA1	16-0001-B017		beach: lk sup, flood bay 1 mi ne of two harbors		EPABEACH 119
MNPCA1	16-0001-B018		beach: lk sup, stewart r mouth 3 mi ne of two harbors		EPABEACH 97

Aquatic recreation IF +E. coli IF 0/132Ind 0/6mo

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location			Project	#Sample Dates	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						
<b>04010102-525</b>	<b>3A</b>	<b>13.0</b>	<b>Lake Superior Shoreline</b>		<b>Stewart R to Gooseberry R</b>	<b>1B, 2A, 3A</b>		
MNPCA1	16-0001-B019		beach: lk sup, gooseberry falls st pk 13 mi ne two harbors				EPABEACH	98
	Aquatic recreation	IF	+E. coli IF 0/98Ind 0/5mo					
<b>04010102-526</b>	<b>3A</b>	<b>15.5</b>	<b>Lake Superior Shoreline</b>		<b>Gooseberry R to Beaver R</b>	<b>1B, 2A, 3A</b>		
MNPCA1	16-0001-B020		beach: lk sup, twin points pub access 15 mi ne two harbors				EPABEACH	100
MNPCA1	16-0001-B021		beach: lk sup, split rock r mouth 16.5 mi ne of two harbors				EPABEACH	100
MNPCA1	16-0001-B022		beach: lk sup, split rock lthouse st pk 20 mi ne two harbors				EPABEACH	98
	Aquatic recreation	IF	+E. coli IF 0/103Ind 0/5mo					
<b>04010102-527</b>	<b>3A</b>	<b>11.1</b>	<b>Lake Superior Shoreline</b>		<b>Beaver R to Baptism R</b>	<b>1B, 2A, 3A</b>		
MNPCA1	16-0001-B023		beach: lk sup, silver bay marina in silver bay				EPABEACH	97
	Aquatic recreation	IF	+E. coli IF 0/97Ind 0/5mo					
<b>04010102-528</b>	<b>3A</b>	<b>2.8</b>	<b>Skunk Creek</b>		<b>Headwaters to Lk Superior</b>	<b>2B, 3B</b>		
MNPCA1	S001-268		SKUNK CREEK mouth at lk superior in two harbors				CSMP	82
	Aquatic life	NS	!!!Turbid_TT_TSS NS 26/82[2](--/--[ ] 26/82[2] --/--[ ])					
<b>04010102-540</b>	<b>3A</b>	<b>3.6</b>	<b>Amity Creek, East Branch</b>		<b>Unnamed cr to Amity Cr</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S004-950		amity ck, eb above confluence with amity ck, wb in duluth				NSHORE-S	11
	Aquatic life	IF	+pH FS 0/20[1]					
	Aquatic recreation	IF	+E. coli IF 1/8Ind 0/0mo					
<b>04010102-543</b>	<b>3A</b>	<b>5.0</b>	<b>Tischer Creek</b>		<b>Headwaters to Unnamed cr</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S003-769		tischer ck at hartley rd, 1.5 mi n of duluth, mn				CSMP	97
MNPCA1	S004-363		tischer ck, ds frm hartley pnd "hartley", duluth				CSMP	11
	Aquatic life	FS	+Turbid_TT_TSS FS 0/104[4](--/--[ ] 0/104[4] --/--[ ])					
<b>04010102-544</b>	<b>3A</b>	<b>1.5</b>	<b>Tischer Creek</b>		<b>Unnamed cr to Lk Superior</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S002-480		tischer ck just dwnst from brg crossing on 4th st in duluth				CSMP	33
MNPCA1	S004-364		tischer ck at wallace ave "mt. royal", duluth				CSMP	12
MNPCA1	S004-364		tischer ck at wallace ave "mt. royal", duluth				NSHORE-S	15
MNPCA1	S004-365		tischer ck, upstream of london rd "glensheen", duluth				CSMP	12
	Aquatic life	NS	+pH FS 0/20[1] !!!Turbid_TT_TSS NS 5/36[3](1/3[1] 4/33[2] --/--[ ])					
	Aquatic recreation	IF	+E. coli IF 2/8Ind 0/0mo					

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>04010102-545</b>	<b>3D</b>	<b>2.7</b>	<b>Chester Creek</b>	<b>E Br Chester Cr to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-530		chester ck in duluth		CSMP 70
MNPCA1	S002-481		chester ck upstm of brg crossing, e of kenwood ave in duluth		CSMP 55
MNPCA1	S003-821		chester ck 0.1 mi e of kenwood ave in chester park in duluth		CSMP 20
MNPCA1	S004-953		chester ck at college of st. scholastica in duluth		NSHORE-S 15

Aquatic life FS +pH FS 0/20[1] =Turbid\_TT\_TSS FS 6/148[6](1/3[1] 5/145[5] --/--[--])  
 Aquatic recreation IF +E. coli IF 5/8Ind 0/0mo

<b>04010102-549</b>	<b>5A</b>	<b>20.2</b>	<b>Lester River</b>	<b>T52 R14W S23, north line to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	16-0001-B011		beach: lk sup, lester r mouth in duluth		EPABEACH 111
MNPCA1	S000-258		lester r above superior st., lester pk at duluth		11
MNPCA1	S000-258		lester r above superior st., lester pk at duluth		CSMP 14
MNPCA1	S000-258		lester r above superior st., lester pk at duluth		MILE 50
MNPCA1	S001-329		Lester River on north end of duluth, mn.		CSMP 46
MNPCA1	S003-839		lester r at lester park br, .25 mi upst of mouth in duluth		CSMP 84
MNPCA1	S004-731		lester r 1/2 mi so of strand rd in duluth		CSMP 3

Aquatic life NS +Chloride FS 0/9[2] DO12 -- 4/45[9] DO5\_All NS 3/23[5] DO7 FS 1/22[9] !!!DOFinal NS[[0]] =pH FS 4/92[9] \$Turbid\_TT\_TSS NS 9/45[9](9/45[9] 23/148[10] --/--[--])  
 +Un-ionized ammonia FS 0/38[8]  
 Aquatic recreation FS +E. coli FS 0/134Ind 0/6mo  
 Drinking Water FS +NO2&NO3 FS 0/39[8]  
 Ecoregion norms EX +BOD5 OK 0/12[3] =NO2&NO3 EX 11/39[8] +Phosphorus OK 3/30[6]

<b>04010102-554</b>	<b>3A</b>	<b>8.6</b>	<b>Encampment River</b>	<b>T54 R10W S17, west line to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-979		encampment r at mouth of lk sup, 7 mi ne of two harbors, mn		NSHORE-S 5
MPCAB	99NF034		Encampment River; ~0.6 miles E of Hwy 3, ~0.8 miles WNW of Hwy 61		nlf 1

Aquatic life IF +pH FS 0/12[2]  
 Aquatic recreation IF +E. coli IF 0/4Ind 0/0mo

<b>04010102-555</b>	<b>5C</b>	<b>2.1</b>	<b>Big Sucker Creek (Sucker River)</b>	<b>Unnamed cr to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-756		sucker River at st. louis cty rd 290, 7 miles n of duluth, m		CSMP 82
MNPCA1	S001-756		sucker River at st. louis cty rd 290, 7 miles n of duluth, m		NS_LOAD 131
MNPCA1	S001-756		sucker River at st. louis cty rd 290, 7 miles n of duluth, m		LOADSTDY 1

Aquatic life NS =Chloride FS 0/132[8] DO12 -- 0/91[7] DO5\_9am FS 0/7[6] DO5\_All FS 0/48[7] DO7 FS 0/43[7] +DOFinal IF[[6]] =pH FS 5/194[7] \$Turbid\_TT\_TSS NS 55/128[8](55/128[8] 0/70[3] --/--[--])  
 Drinking Water FS +NO2&NO3 FS 0/76[6]  
 Ecoregion norms EX =NO2&NO3 EX 25/76[6] =Phosphorus EX 49/132[8]



AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>04010102-698</b>	<b>5C</b>	<b>11.4</b>	<b>French River</b>	<b>Unnamed lk (69-1182-00) to Lk Superior</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-754		french r at st. louis co hwy 50, 7 mi n of duluth, mn		CSMP 15
MNPCA1	S001-754		french r at st. louis co hwy 50, 7 mi n of duluth, mn		NS_LOAD 115
Aquatic life	NS	=Chloride FS 0/116[8] DO12 -- 0/85[7] DO5_9am FS 0/2[2] DO5_All FS 0/46[7] DO7 FS 0/39[7] +DOFinal IF[[5]] =pH FS 4/180[7] \$Turbid_TT_TSS NS 42/111[8](42/111[8] 1/17[2] --/--[--])			
Drinking Water	FS	+NO2&NO3 FS 0/60[5]			
Ecoregion norms	EX	=NO2&NO3 EX 19/60[5] =Phosphorus EX 38/113[8]			

<b>04010102-840</b>	<b>5A</b>	<b>0.8</b>	<b>Little Knife River (East Branch Little Kn</b>	<b>Unnamed cr to Knife R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-669		e little knife r at csah-12, 2.9 mi w of two harbors, mn		KNIFE_R 69
Aquatic life	NS	DO12 -- 5/33[2] DO5_9am NS 1/6[1] DO5_All NS 5/25[2] \$DO7 FS 0/8[2] \$DOFinal NS[[1]] =pH FS 1/108[3] \$Turbid_TT_TSS NS 51/55[3](51/55[3] 0/3[1] --/--[--])			

<b>04010102-847</b>	<b>2</b>	<b>2.4</b>	<b>Unnamed creek (West Branch Little Knif</b>	<b>Unnamed cr to Unnamed cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-668		unn trib to w br knife r at nappa rd, 6.8 mi w 2 harbors, mn		KNIFE_R 65
Aquatic life	FS	DO12 -- 0/29[2] DO5_All FS 0/22[2] DO7 FS 0/7[2] +DOFinal IF[[1]] =pH FS 0/88[3] =Turbid_TT_TSS FS 1/56[3](1/56[3] 0/2[1] --/--[--])			

**HUC: 04010201 DNR Major: 3 HUC NAME: ST. LOUIS RIVER**

<b>04010201-501</b>	<b>5A</b>	<b>4.8</b>	<b>St Louis River (St Louis Bay)</b>	<b>Pokegama R to Mouth of St Louis Bay at Blatnik bridge</b>	<b>2B, 3B</b>
MNPCA1	S000-277		st. louis bay below i-535 bridge at superior, wi		10
MNPCA1	S000-277		st. louis bay below i-535 bridge at superior, wi	LAKE	1
MNPCA1	S000-277		st. louis bay below i-535 bridge at superior, wi	MILE	49
Aquatic life	NS	+Chloride FS 0/10[3] DO12 -- 0/44[9] DO5_All FS 0/23[5] DO7 FS 0/21[9] +DOFinal IF[[0]] =pH FS 0/90[9] !!!Turbid_TT_TSS NS 5/44[9](5/44[9] 0/2[1] --/--[--]) +Un-ionzed ammonia FS 0/38[8]			
Aquatic recreation	FS	+E. coli FS 0/30Ind 0/3mo			
Ecoregion norms	EX	+BOD5 OK 0/12[3] =NO2&NO3 EX 33 39[8] =Phosphorus EX 12/31[7]			

<b>04010201-503</b>	<b>5A</b>	<b>9.6</b>	<b>St Louis River</b>	<b>Cloquet R to Pine R</b>	<b>2B, 3B</b>
MNPCA1	S000-023		st. louis r bridge on us-2, 2 mi se of brookston		MILE 47
MNPCA1	S000-023		st. louis r bridge on us-2, 2 mi se of brookston		10
Aquatic life	NS	+Chloride FS 0/9[2] DO12 -- 0/45[9] DO5_All FS 0/24[5] DO7 FS 0/21[9] +DOFinal IF[[0]] =pH FS 2/90[9] !!!Turbid_TT_TSS NS 8/45[9](8/45[9] --/--[--] --/--[--]) +Un-ionzed ammonia FS 0/37[8]			
Aquatic recreation	FS	+E. coli FS 0/30Ind 0/2mo			
Ecoregion norms	EX	+BOD5 OK 0/11[3] =NO2&NO3 EX 17/38[8] <>Phosphorus EX 4/29[6]			

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>04010201-508</b>	<b>5C</b>	<b>6.9</b>	<b>St Louis River</b>		<b>Whiteface R to Floodwood R</b>		<b>2B, 3B</b>
MNPCA1	S005-303		st louis r at csah-8 brg just outside of floodwood				CMB 9

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

<b>04010201-511</b>	<b>5C</b>	<b>19.7</b>	<b>St Louis River</b>		<b>Embarrass R to East Two R</b>		<b>2B, 3B</b>
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MNPCA1	S000-119		st louis r bridge at csah-7, 0.5 mi s of forbes				T-TUBE 3
MNPCA1	S000-119		st louis r bridge at csah-7, 0.5 mi s of forbes				CMB 9
MNPCA1	S000-119		st louis r bridge at csah-7, 0.5 mi s of forbes				MILE 49
MNPCA1	S000-119		st louis r bridge at csah-7, 0.5 mi s of forbes				CMB / MILE 1
MNPCA1	S000-119		st louis r bridge at csah-7, 0.5 mi s of forbes				10

Aquatic life NS +Chloride FS 0/10[2] DO12 -- 0/49[10] DO5\_All FS 0/26[6] DO7 FS 0/23[10] +DOFinal IF[[0]] =pH FS 0/96[10] !!!Turbid\_TT\_TSS NS 7/47[9](7/47[9] 0/7[2] --/--[--]) +Un-ionzed ammonia FS 0/38[8]

Aquatic recreation FS +E. coli FS 0/39Ind 0/4mo

Ecoregion norms EX +BOD5 OK 0/12[3] =NO2&NO3 EX 23 39[8] =Phosphorus OK 2/32[8]

<b>04010201-512</b>	<b>5A</b>	<b>9.6</b>	<b>Miller Creek</b>		<b>Headwaters to Lk Superior</b>		<b>1B, 2A, 3B</b>
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MNPCA1	S001-169		miller ck at chambersburg rd t50n/r14w/s19				CWPMILLR 22
MNPCA1	S001-169		miller ck at chambersburg rd t50n/r14w/s19				MILLERCR 34
MNPCA1	S001-169		miller ck at chambersburg rd t50n/r14w/s19				STLR-S 10
MNPCA1	S001-372		Miller Creek in duluth, minnesota				CSMP 32
MNPCA1	S003-070		Miller Creek, upper gage site ay hwy 53 in duluth				STLR-S 9
MNPCA1	S003-070		Miller Creek, upper gage site ay hwy 53 in duluth				CWPMILLR 22
MNPCA1	S003-070		Miller Creek, upper gage site ay hwy 53 in duluth				MILLERCR 33
MNPCA1	S003-071		Miller Creek, lower site at 26th ave w in duluth				STLR-S 9
MNPCA1	S003-071		Miller Creek, lower site at 26th ave w in duluth				MILLERCR 43
MNPCA1	S003-071		Miller Creek, lower site at 26th ave w in duluth				CWPMILLR 22
MNPCA1	S004-667		miller ck e of lincoln pk dr, nr lincoln school in duluth				CSMP 19
MNPCA1	S004-973		miller cr at lk superior college, 2 mi w of duluth, mn				STLR-S 10

Aquatic life NS !!!Chloride NS 31/164[3] +pH FS 0/78[2] !!!Turbid\_TT\_TSS NS 7/46[2](7/46[2] 2/51[4] --/--[--])

Aquatic recreation IF +E. coli IF 0/10Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/30[1]

Ecoregion norms EX +NO2&NO3 EX 17/30[1]

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

04010201-513	5A	1.8	St Louis River	Fond du Lac Dam to Mission Cr	2B, 3B
MNPCA1	S000-021		st louis River at bridge on mn-23 at fond du lac		11
MNPCA1	S000-021		st louis River at bridge on mn-23 at fond du lac	MILE	50
MNPCA1	S004-971		st louis r at chambers grove pk, 2.9 mi wsw of gary, mn	CMB	9
MNPCA1	S004-971		st louis r at chambers grove pk, 2.9 mi wsw of gary, mn	STLR-S	10
MNPCA1	S004-976		st louis r at 133rd ave w, 2.6 mi wsw of gary, mn	STLR-S	10

Aquatic life FS +Chloride FS 0/9[2] DO12 -- 0/56[9] DO5\_All FS 0/33[5] DO7 FS 0/23[9] +DOFinal IF[[0]] =pH FS 1/112[9] =Turbid\_TT\_TSS FS 4/55[9](4/55[9] 0/6[2] --/--[--]) +Un-ionized ammonia FS 0/38[8]

Aquatic recreation FS +E. coli FS 1/47Ind 0/5mo

Ecoregion norms EX +BOD5 OK 0/12[3] =NO2&NO3 EX 28/57[8] <>Phosphorus OK 3/30[6]

04010201-515	5A	3.2	St Louis River	Scanlon Dam to Thomson Reservoir	2B, 3B
MNPCA1	S000-046		st louis r. old ush-61 at scanlon	RNC	8
MNPCA1	S001-304		st louis r, e of mn-45 and 0.5 mi s scanlon	CSMP	41
MNPCA1	S005-089		st. louis r at csah-61 brg, just e of scanlon	LOADSTDY	2
MNPCA1	S005-296		st. louis r just e of mn-45 and s of i-35 in scanlon	CMB	9

Aquatic life FS +pH FS 0/18[2] =Turbid\_TT\_TSS FS 2/56[6](0/10[2] 2/46[5] --/--[--])

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 1/10[2] +Phosphorus OK 0/10[2]

04010201-530	5A	2.4	St Louis River (St Louis Bay)	Mouth of St Louis Bay at Blatnik bridge to Duluth Ship C	2B, 3B
MNPCA1	16-0001-B007		beach: lk sup st. louis bay, pk pt boat club/14th st, duluth	EPABEACH	325
MNPCA1	16-0001-B036		beach: lk sup, park point, southworth marsh, duluth	EPABEACH	231
MNPCA1	16-0001-B037		beach: lk sup, st louis bay, pk pt 20th st/hearding is, dlth	EPABEACH	286

Aquatic recreation NS !!!E. coli NS 7/364Ind 1/6mo

04010201-531	5A	5.3	St Louis River (St Louis Bay)	Mouth of St Louis Bay at Blatnik bridge to Superior Entr	2B, 3B
MNPCA1	16-0001-B004		beach: lk sup st. louis bay, pk point, sky harbor lot duluth	EPABEACH	236

Aquatic recreation FS +E. coli FS 1/236Ind 0/6mo

04010201-532	5A	4.6	St Louis River	Mission Cr to Oliver bridge	2B, 3B
MNPCA1	16-0001-B001		beach: lk sup st. louis r est, boy scout landing, new duluth	EPABEACH	101

Aquatic recreation FS +E. coli FS 2/101Ind 0/5mo

04010201-533	5A	5.3	St Louis River	Oliver bridge to Pokegama R	2B, 3B
MNPCA1	16-0001-B002		beach: lk sup st. louis r est, clyde av landing, smithville	EPABEACH	155

Aquatic recreation FS +E. coli FS 9/155Ind 0/5mo

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>04010201-534</b>	<b>3A</b>	<b>14.6</b>	<b>West Two River</b>		<b>McQuade Lk outlet to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S004-601		west two r at cr-661, 4 mi sw of forbes			STLOU-S	11
Aquatic life	IF		+pH FS 3/20[2]				
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo				
<b>04010201-541</b>	<b>3D</b>	<b>14.5</b>	<b>Midway River</b>		<b>Headwaters to T49 R16W S21, south line</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S003-780		midway r 0.13 mi dnst of csah-13, 2 mi s of adolph, mn			CSMP	67
MNPCA1	S003-826		midway r at saint louis r rd, 1 mi s of adolph, mn			CSMP	15
MNPCA1	S004-597		midway r at csah-1 in northridge pk, just n of esko			STLOU-S	12
Aquatic life	FS		+pH FS 4/22[2] =Turbid_TT_TSS FS 0/82[4](--/--[2] 0/82[4] --/--[2])				
Aquatic recreation	IF		+E. coli IF 0/11Ind 0/0mo				
<b>04010201-544</b>	<b>3A</b>	<b>12.4</b>	<b>Artichoke River</b>		<b>Headwaters (Artichoke Lk 69-0623-00) to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S004-321		artichoke r at csah-8, w of culver			CSMP	34
MNPCA1	S004-600		artichoke r just e of csah-31, 1 mi n of brookston			STLOU-S	12
Aquatic life	FS		+pH FS 1/22[2] +Turbid_TT_TSS FS 0/34[2](--/--[2] 0/34[2] --/--[2])				
Aquatic recreation	IF		+E. coli IF 1/11Ind 0/0mo				
<b>04010201-552</b>	<b>3A</b>	<b>37.0</b>	<b>Partridge River</b>		<b>Headwaters to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S004-595		partridge r at cr-565, 1 mi e of hoyt lakes			STLOU-S	11
Aquatic life	IF		+pH FS 0/20[2]				
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo				
<b>04010201-560</b>	<b>3A</b>	<b>34.4</b>	<b>Floodwood River</b>		<b>Headwaters (Floodwood Lk 69-0884-00) to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S004-599		floodwood r at mn-73 in floodwood			STLOU-S	12
Aquatic life	IF		+pH FS 0/22[2]				
Aquatic recreation	IF		+E. coli IF 0/11Ind 0/0mo				
<b>04010201-562</b>	<b>3A</b>	<b>25.9</b>	<b>Stoney Brook</b>		<b>Headwaters to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S004-594		STONEY BK at csah-31 and duff rd, s of brookston			STLOU-S	12
Aquatic life	IF		+pH FS 3/22[2]				
Aquatic recreation	IF		+E. coli IF 0/11Ind 0/0mo				
<b>04010201-566</b>	<b>3A</b>	<b>3.7</b>	<b>Silver Creek</b>		<b>Headwaters to St Louis R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S000-616		LITTLE SILVER CRook in jay cooke state park			STLR-S	10
Aquatic life	IF		+pH FS 0/20[1]				
Aquatic recreation	IF		+E. coli IF 0/6Ind 0/0mo				
Drinking Water	FS		+NO2&NO3 FS 0/9[1]				

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

**Basin: LS**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]			#Sample Dates
<b>04010201-577</b>	<b>3D</b>	<b>14.5</b>	<b>Embarrass River</b>	<b>Embarrass Lk to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S001-542		embarrass r at csah-20 brg, 4 mi se of gilbert			CSMP 116
Aquatic life	FS		=Turbid_TT_TSS FS 0/116[8](--/--[ ] 0/116[8] --/--[ ])			
<b>04010201-626</b>	<b>3A</b>	<b>6.9</b>	<b>Kingsbury Creek</b>	<b>Mogie Lk to St Louis R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-952		kingsbury ck at lk superior zoo in duluth			NSHORE-S 15
Aquatic life	IF		+pH FS 0/20[1]			
Aquatic recreation	IF		+E. coli IF 2/8Ind 0/0mo			
<b>04010201-627</b>	<b>3D</b>	<b>6.8</b>	<b>Keene Creek</b>	<b>Headwaters to St Louis R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S003-504		kenne ck e of okerstrom rd, 2.5 mi nw of duluth, mn			CSMP 127
MNPCA1	S004-968		keene cr at raleigh st in duluth, mn			STLR-S 9
Aquatic life	FS		+pH FS 0/12[1] =Turbid_TT_TSS FS 0/133[5](0/6[1] 0/127[5] --/--[ ])			
Aquatic recreation	IF		+E. coli IF 0/6Ind 0/0mo			
Drinking Water	FS		+NO2&NO3 FS 0/9[1]			
<b>04010201-629</b>	<b>3A</b>	<b>5.8</b>	<b>Otter Creek</b>	<b>Little Otter Cr to T48 R16W S7, east line</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-596		otter ck on munger shaw bike tr, s of mn-210, se of carlton			STLOU-S 11
Aquatic life	IF		+pH FS 4/20[2]			
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo			
<b>04010201-640</b>	<b>3A</b>	<b>0.3</b>	<b>Mission Creek</b>	<b>T48 R15W S8, north line to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S004-974		mission ck at mn-23, 2.6 mi wsw of gary, mn			STLR-S 10
Aquatic life	IF		+pH FS 0/20[1]			
Aquatic recreation	IF		+E. coli IF 0/7Ind 0/0mo			
<b>04010201-848</b>	<b>3A</b>	<b>6.8</b>	<b>Sargent Creek</b>	<b>Headwaters to St Louis R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-972		sargent ck at at hudson blvd, 1 mi s of gary, mn			STLR-S 10
Aquatic life	IF		+pH FS 0/20[1]			
Aquatic recreation	IF		+E. coli IF 0/3Ind 0/0mo			
Drinking Water	FS		+NO2&NO3 FS 0/9[1]			
<b>04010201-879</b>	<b>3A</b>	<b>3.0</b>	<b>Fond du Lac Creek (Squaw Creek)</b>	<b>Unnamed cr to T49 R17W S9, north line</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-598		squaw ck (fond du lac ck) at reservation rd, 3 mi nw cloquet			STLOU-S 11
Aquatic life	IF		+pH FS 4/20[2]			
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo			

AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>04010201-884</b>	<b>3A</b>	<b>2.8</b>	<b>Stewart Creek</b>		<b>T49 R15W S21, west line to St Louis R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-970		stewart ck at us steel rr line, 2 mi nne of gary, mn			STLR-S	10

Aquatic life	IF	+pH FS 0/20[1]
Aquatic recreation	IF	+E. coli IF 0/3Ind 0/0mo
Drinking Water	FS	+NO2&NO3 FS 0/9[1]

<b>04010201-987</b>			<b>Unnamed creek</b>		<b>Unnamed cr to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S004-975		unn str at w superior st in duluth, mn			STLR-S	9

Aquatic life	IF	+pH FS 0/12[1]
Aquatic recreation	IF	+E. coli IF 0/6Ind 0/0mo

<b>04010201-989</b>			<b>Unnamed creek</b>		<b>Simian Lk to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S004-956		unn str (simian ck) at brevator rd, 6.5 mi nw of cloquet			NSHORE-S	11

Aquatic life	IF	+pH FS 0/20[1]
Aquatic recreation	IF	+E. coli IF 0/9Ind 0/0mo

**HUC: 04010202      DNR Major: 4      HUC NAME: CLOQUET RIVER**

<b>04010202-501</b>	<b>3A</b>	<b>17.9</b>	<b>Cloquet River</b>		<b>Us-kab-wan-ka R to St Louis R</b>	<b>2B, 3B</b>	
MNPCA1	S003-863		cloquet r at us-53, 21 mi nw of duluth, mn			CSMP	25
MNPCA1	S003-968		cloquet r at csah 7, 4.5 mi sw of independence, mn			CSMP	33

Aquatic life	FS	+Turbid_TT_TSS FS 0/54[3](--/--[ ] 0/54[3] --/--[ ])
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<b>04010202-512</b>	<b>3A</b>	<b>1.5</b>	<b>Hellwig Creek</b>		<b>Unnamed cr to Cloquet R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S003-861		hellwig ck .13 mi e of us-53, 21 mi nw of duluth			CSMP	26
MPCAB	02LS001		Hellwig Creek; river mile 0.1; upstream from forest road off of US 53			misc	1

Aquatic life	FS	+Turbid_TT_TSS FS 0/26[3](--/--[ ] 0/26[3] --/--[ ])
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**HUC: 04010301      DNR Major: 5      HUC NAME: NEMADJI RIVER**

<b>04010301-526</b>	<b>3C</b>	<b>6.5</b>	<b>Clear Creek</b>		<b>Headwaters to S Fk Nemadji R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S003-270		clear ck at b. benson bridge, 2.5 mi se duesler, minnesota			NEMADJI	22

Ecoregion norms	EX	=Phosphorus EX 14/22[2]
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AUID	Category	Miles	Reach Name	Basin: LS	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>04010301-531</b>	<b>5C</b>	<b>6.9</b>	<b>Deer Creek</b>	<b>Headwaters to Nemadji R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-250		deer ck at mn-23, 1 mi s of pleasant valley, minnesota		NEMADJ-L 24
MNPCA1	S003-250		deer ck at mn-23, 1 mi s of pleasant valley, minnesota		NEMADJI 86
MNPCA1	S004-929		deer ck at csah-3, 8 mi s of carlton, mn		NEMADJ-L 22
MNPCA1	S004-932		deer ck at csah-6, 9 mi sse of carlton, mn		NEMADJ-L 20

Aquatic life NS +Chloride FS 0/7[1] DO12 -- 3/20[1] DO5\_9am FS 0/2[1] DO5\_All NS 3/16[1] DO7 FS 0/4[1] !!!DOFinal NS[[1]] +pH FS 0/46[1] \$Turbid\_TT\_TSS NS 56/56[3](56/56[3] 2/3[1] --/--[--]) +Un-ionzed ammonia FS 0/7[1]

Drinking Water FS +NO2&NO3 FS 0/9[2]

Ecoregion norms EX =Phosphorus EX 86/86[6]

<b>04010301-532</b>	<b>3A</b>	<b>3.0</b>	<b>Unnamed creek</b>	<b>Headwaters to Deer Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S004-930		unn str at csah-3, 8.5 mi s of carlton, mn		NEMADJ-L 16
MNPCA1	S004-931		unn str at csah-6, 9 mi s of carlton, mn		NEMADJ-L 20

Aquatic life IF +pH FS 0/36[1]

<b>04010301-555</b>	<b>5C</b>	<b>33.3</b>	<b>Nemadji River</b>	<b>T46 R17W S33, south line to MN/WI border</b>	<b>1B, 2A, 3B</b>
MNPCA1	S000-110		nemadji r. n fork by wrenshall		NEMADJI 86
MNPCA1	S000-110		nemadji r. n fork by wrenshall		NEMADJ-L 2
MNPCA1	S001-235		nemadji r. 70 yd. dnst. of co. rd c, wi.		NEMADJI 16
MNPCA1	S001-235		nemadji r. 70 yd. dnst. of co. rd c, wi.		NS_LOAD 14

Aquatic life NS =Chloride FS 0/21[3] =pH FS 1/46[3] \$Turbid\_TT\_TSS NS 48/53[4](48/53[4] --/--[--] --/--[--]) +Un-ionzed ammonia FS 0/7[1]

Drinking Water FS +NO2&NO3 FS 0/19[2]

Ecoregion norms EX =NO2&NO3 EX 10/19[2] =Phosphorus EX 66/98[7]

<b>04010301-573</b>	<b>5C</b>	<b>4.5</b>	<b>Rock Creek</b>	<b>Headwaters to Unnamed cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-251		rock ck at mn-23, 0.5 mi e of pleasant valley, minnesota		NEMADJI 53

Aquatic life NS \$Turbid\_TT\_TSS NS 30/30[2](30/30[2] --/--[--] --/--[--])

Ecoregion norms EX =Phosphorus EX 41/53[4]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

**HUC: 07020001      DNR Major: 22      HUC NAME: MINN R-Headwaters**

<b>07020001-510</b>	<b>5C</b>	<b>8.9</b>	<b>Yellow Bank River, North Fork</b>	<b>MN/SD border to Yellow Bank R</b>	<b>2C, 3C</b>
MNPCA1	S000-158		yellow bank r. csah-7 n of rosen		CSMP 75
MNPCA1	S003-083		n fk yellow bank r at cty hwy 7 10 mi n of marrietta, mn		LQPARLE 59
MPCAB	03MN053		North Fork Yellow Bank River; 7 mi S. of Ortonville on C.R. 7		biocriteria 1
Aquatic life	NS	DO12 -- 9/24[2] DO5_9am NS 8/17[1] DO5_All NS 9/20[2] DO7 FS 0/4[1] !!!DOFinal NS[[1]] =pH FS 1/106[3] =Turbid_TT_TSS FS 3/39[2](3/39[2] 7/92[7] 2/3[1])			
Ecoregion norms	EX	=NO2&NO3 EX 6/58[3] =Phosphorus OK 4/56[3]			
<b>07020001-517</b>	<b>5C</b>	<b>7.0</b>	<b>Minnesota River (Lac Qui Parle Lake)</b>	<b>Lac Qui Parle Lk below Emily Cr</b>	<b>2B, 3B</b>
MNPCA1	S000-146		minnesota r bridge on mn-40, 3 mi west of milan		LISTSTAT 10
Aquatic life	IF	+pH FS 0/20[1] \$Un-ionzed ammonia FS 1/10[1]			
<b>07020001-525</b>	<b>5C</b>	<b>12.0</b>	<b>Yellow Bank River</b>	<b>N Fk Yellow Bank R to Minnesota R</b>	<b>2B, 3B</b>
MNPCA1	S001-724		yellowbank r, 6.5 mi nw of bellingham, mn		CSMP 2
MNPCA1	S003-091		yellow bank r at csah-40 2.5 mi sw of odessa, mn		LQPARLE 74
MNPCA1	S003-091		yellow bank r at csah-40 2.5 mi sw of odessa, mn		LOADSTDY 49
MPCAB	03MN054		Yellow Bank River; 2.5 mi S.W. of Odessa on C.R. 40		biocriteria 1
Aquatic life	NS	+Chloride FS 0/46[2] DO12 -- 1/44[3] DO5_9am FS 1/16[2] DO5_All FS 1/28[3] DO7 FS 0/16[2] +DOFinal FS[[2]] =pH FS 5/82[3] !!!Turbid_TT_TSS NS			
Aquatic recreation	NS	!!!E. coli NS 2/15Ind 0/0mo			
Ecoregion norms	EX	<>NO2&NO3 EX 40/119[6] <>Phosphorus EX 15/95[5]			
<b>07020001-526</b>	<b>5C</b>	<b>27.2</b>	<b>Yellow Bank River, South Fork</b>	<b>MN/SD border to N Fk Yellow Bank R</b>	<b>2C, 3C</b>
MNPCA1	S003-090		s br yellow bank r at twp road 6.25 mi nw of bellingham, mn		LQPARLE 42
MPCAB	01MN033		South Fork Yellow Bank River; upstream of CR 32, 5 mi W of Bellingham		EMAP 1
Aquatic life	FS	DO12 -- 0/22[2] DO5_9am FS 0/16[1] DO5_All FS 0/18[2] DO7 FS 0/4[1] +DOFinal IF[[1]] =pH FS 0/80[3] =Turbid_TT_TSS FS 2/27[3](2/27[3] 0/13[2] 1/3[1])			
Ecoregion norms	EX	=NO2&NO3 EX 6/40[3] =Phosphorus OK 2/40[3]			
<b>07020001-547</b>	<b>3A</b>	<b>6.3</b>	<b>Emily Creek</b>	<b>Unnamed cr to Lac Qui Parle Lk</b>	<b>2C</b>
MNPCA1	S002-069		emily ck at unn rd, just w of cr-66, 4.5 mi ne of milan		CSMP 5
MNPCA1	S004-284		emily ck, 4 mi sw of milan, mn		CSMP 24
Aquatic life	FS	+Turbid_TT_TSS FS 1/29[2](--/--[1] 1/29[2] --/--[1])			



**HUC: 07020002      DNR Major: 23      HUC NAME: POMME DE TERRE RIVER**

07020002-501	5B	47.9	Pomme de Terre River	Muddy (Mud) Cr to Minnesota R (Marsh Lk)	2B, 3B	
MNPCA1	S000-195		pomme de terre r upstr of mn-119 / mn-7 / us-59 at appleton		MILE	45
MNPCA1	S000-195		pomme de terre r upstr of mn-119 / mn-7 / us-59 at appleton		MDAWQMP	4
MNPCA1	S000-195		pomme de terre r upstr of mn-119 / mn-7 / us-59 at appleton		SWIFTCTY	52
MNPCA1	S000-195		pomme de terre r upstr of mn-119 / mn-7 / us-59 at appleton		LISTSTAT	16
MNPCA1	S000-195		pomme de terre r upstr of mn-119 / mn-7 / us-59 at appleton		AG_PEST	3
MNPCA1	S000-195		pomme de terre r upstr of mn-119 / mn-7 / us-59 at appleton			14
MNPCA1	S000-195		pomme de terre r upstr of mn-119 / mn-7 / us-59 at appleton		PDT_WM	12
MNPCA1	S000-195		pomme de terre r upstr of mn-119 / mn-7 / us-59 at appleton		LOADSTDY	52
MNPCA1	S001-695		pomme de terre r at hering st brg in appleton		CSMP	153
MNPCA1	S001-710		pomme de terre r on csah 20, 7 mi nw of holloway, mn		SWIFTCTY	19
MNPCA1	S001-710		pomme de terre r on csah 20, 7 mi nw of holloway, mn		CSMP	145
MNPCA1	S001-725		pomme de terre r at us 59, 2.25 mi ne of appleton, mn		CSMP	36
MNPCA1	S001-725		pomme de terre r at us 59, 2.25 mi ne of appleton, mn		SWIFTCTY	1
MNPCA1	S004-485		pomme de terre r at cr-78, 7 mi s of morris		PDT_WM	10
MNPCA1	S004-570		pomme de terre r at 190th ave, 4 mi nw of holloway		SWIFTCTY	8
MNPCA1	S004-571		pomme de terre r at csah-7, 7 mi n of holloway		SWIFTCTY	2
MNPCA1	S004-572		pomme de terre r at csah-22, 9 mi nw of holloway		SWIFTCTY	3
MNPCA1	S004-573		pomme de terre r at csah-36, 3 mi ne of appleton		SWIFTCTY	18
MNPCA1	S004-575		pomme de terre r at cr-56, 6 mi nw of holloway		SWIFTCTY	6
MNPCA1	S004-576		pomme de terre r at us-12 bridge, 3 mi ne of holloway		SWIFTCTY	11
MNPCA1	S004-577		pomme de terre r at 185th ave, 6 mi nw of holloway		SWIFTCTY	2
MNPCA1	S004-579		pomme de terre r, 70th st nw, 10 mi n of holloway		PDT_WM	2
MNPCA1	S004-579		pomme de terre r, 70th st nw, 10 mi n of holloway		SWIFTCTY	49
MNPCA1	S004-580		pomme de terre r on cr-51 (before marsh lk) 2 mi s appleton		SWIFTCTY	46
MNPCA1	S004-593		pomme de terre r at us-59, 4.5 mi s of morris		STEVENS	8
MPCAB	01MN069		Pomme de Terre River; upstream of CR 51, 2.5 mi W of Appleton		EMAP	1
MPCAB	07MN011		Pomme de Terre River; Upstream of CR 58, 9 mi. SE of Alberta		phase1	1
MPCAB	07MN027		Pomme de Terre River; Upstream of Hwy 12, 6 mi. N of Appleton		phase1	1
MPCAB	07MN029		Pomme de Terre River; Downstream of CR 51, 3 mi. W of Appleton		phase1	1
MPCAB	07MN032		Pomme de Terre River; Upstream of CR 59, in Appleton		phase1	1

Aquatic life      NS      +Chloride FS 0/76[2] DO12 -- 3/153[10] DO5\_9am FS 0/16[5] DO5\_All FS 3/111[8] DO7 FS 0/42[10] +DOFinal IF[[6]] =pH FS 0/210[9] \$Turbid\_TT\_TSS NS  
83/148[9](83/148[9] 172/308[8] 0/4[2]) +Un-ionized ammonia FS 0/107[9]

Aquatic recreation      NS      !!!E. coli NS 0/40Ind 4/5mo

Ecoregion norms      EX      <>BOD5 EX 2/16[4] =NO2&NO3 EX 97/241[9] =Phosphorus EX 18/156[9]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020002-502	5B	48.0	Pomme de Terre River	Pomme de Terre Lk to Muddy (Mud) Cr	2B, 3B
MNPCA1	S002-057		pomme de terre r on cr-47 brg, 5.5 mi n of barrett		PDT_WM 11
MNPCA1	S002-057		pomme de terre r on cr-47 brg, 5.5 mi n of barrett		CSMP 77
MNPCA1	S002-058		pomme de terre r at brg on unn road, 4 mi s of barrett		CSMP 77
MNPCA1	S002-414		pomme de terre r at township rd 179, 4 mi sw of hoffman, mn		CSMP 56
MNPCA1	S002-885		pomme de terre r at cr-74, 7 mi ne of morris		STEVENS 11
MNPCA1	S002-886		pomme de terre r at cr-76, 11 mi ne of morris		STEVENS 11
MNPCA1	S004-411		pomme de terre r at mn-9, 2 mi se of morris		STEVENS 8
MNPCA1	S004-411		pomme de terre r at mn-9, 2 mi se of morris		PDT_WM 12
MNPCA1	S004-592		pomme de terre r at csah-5, 2.5 mi s of morris		STEVENS 8
MPCAB	03MN003		Pomme de Terre River; 4 mi. S.E. of Barrett, downstream of C. R.		biocriteria 1
MPCAB	03MN003		Pomme de Terre River; 4 mi. S.E. of Barrett, downstream of C. R.		phase1 2
MPCAB	07MN003		Pomme de Terre River; Upstream of CR 47, 4 mi. N of Barrett		phase1 1
MPCAB	07MN009		Pomme de Terre River; Upstream of Hwy 9, 2 mi. SE of Morris		phase1 1
MPCAB	07MN014		Pomme de Terre River; Downstream of CR 76, 6 mi. SW of Hoffman		phase1 1

Aquatic life FS +Chloride FS 0/22[1] +pH FS 0/32[2] =Turbid\_TT\_TSS FS 0/125[9](0/13[3] 0/90[6] 0/22[4]) +Un-ionzed ammonia FS 0/19[1]  
 Aquatic recreation IF +E. coli IF 0/12Ind 0/0mo  
 Ecoregion norms OK +NO2&NO3 OK 1/36[4] +Phosphorus OK 0/36[7]

07020002-505	4A	3.7	Pomme de Terre River	Tennile Lk to Pelican Cr	2B, 3B
MNPCA1	S002-056		pomme de terre r at cr-51 brg, 5.5 mi w of ashby		CSMP 66
MNPCA1	S004-510		pomme de terre r at csah-37, 4.5 mi sw of dalton, mn		OTTERCTY 8
MNPCA1	S004-510		pomme de terre r at csah-37, 4.5 mi sw of dalton, mn		CSMP 10

Aquatic life FS =Turbid\_TT\_TSS FS 0/75[6](--/--[ ] 0/75[6] --/--[ ])

07020002-506	3B	9.5	Pelican Creek	T130 R41W S4, north line to Pomme de Terre R	2C
MNPCA1	S002-055		pelican ck at brg on unn rd, 2 m sw of ashby		CSMP 77
MNPCA1	S004-410		pelican ck at 160th ave, 3 mi sw of ashby		PDT_WM 11
MPCAB	07MN001		Pelican Creek; Downstream of 160th Ave, 3 mi. SW of Ashby		phase1 1

Aquatic life FS +Chloride FS 0/11[1] +pH FS 1/24[1] =Turbid\_TT\_TSS FS 7/89[6](1/1[1] 6/88[6] --/--[ ]) Un-ionzed ammonia FS 1/11[1]  
 Aquatic recreation IF +E. coli IF 1/11Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 OK 1/12[1] +Phosphorus EX 4/12[1]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020002-511</b>	<b>3A</b>	<b>22.3</b>	<b>Muddy Creek</b>	<b>T124 R44W S3, west line to Pomme de Terre R</b>	<b>7</b>
MNPCA1	S004-412		muddy ck at 490th ave, 3 mi sw of morris		PDT_WM 7
MPCAB	01MN032		Muddy Creek; downstream of CR 7, 3 mi SW of Morris		EMAP 1
MPCAB	01MN032		Muddy Creek; downstream of CR 7, 3 mi SW of Morris		phase1 1
MPCAB	07MN008		Muddy Creek; Upstream of 530th Ave, 1.5 mi. NE of Alberta		phase1 1
MPCAB	07MN013		Muddy Creek; Upstream of 580th Ave. 3 mi. E of Chokio		phase1 1
MPCAB	07MN016		Muddy Creek; Upstream of 240th St, 4 mi. E of Alberta		phase1 1

Aquatic recreation IF +E. coli IF 1/7Ind 0/0mo  
 Limited Use Waters IF +Chloride FS 0/7[1] +pH FS 0/18[2] +Un-ionized ammonia FS 0/6[1]

<b>07020002-514</b>	<b>4A</b>	<b>14.5</b>	<b>Pomme de Terre River</b>	<b>Stalker Lk to Tenmile Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-705		pomme de terre r, 3.5 mi nw of dalton, mn		CSMP 77
MNPCA1	S001-706		pomme de terre r, 2.75 mi ne of dalton, mn		CSMP 5
MNPCA1	S001-890		pomme de terre r, 3.1 mi nw of dalton, mn		CSMP 160
MNPCA1	S004-560		pomme de terre r on csah-35, 3.5 mi sw of dalton		OTTERCTY 8
MNPCA1	S004-562		pomme de terre r on csah-35, 2 mi n of dalton		OTTERCTY 8
MNPCA1	S004-563		pomme de terre r at dam on back lk rd, 3 mi ne of dalton		OTTERCTY 8
MPCAB	03MN002		Pomme de Terre River; 2 mi. N.W. of Dalton, downstream of Dalton Rd.		biocriteria 1
MPCAB	03MN002		Pomme de Terre River; 2 mi. N.W. of Dalton, downstream of Dalton Rd.		phase1 1

Aquatic life FS =Turbid\_TT\_TSS FS 0/242[8](0/2[2] 0/240[8] --/--[--])  
 Ecoregion norms OK +NO2&NO3 OK 1/26[6]

<b>07020002-521</b>	<b>3A</b>	<b>4.1</b>	<b>Dry Wood Creek</b>	<b>T122 R43W S2, north line to T122 R42W S6, north line</b>	<b>2C</b>
MNPCA1	S004-413		dry wood ck at 200th ave nw, 12 mi se of alberta		PDT_WM 20
MPCAB	07MN022		Drywood Creek; Downstream of 520th St, 2 mi. NW of Fairfield		phase1 1
MPCAB	07MN022		Drywood Creek; Downstream of 520th St, 2 mi. NW of Fairfield		phase2 1
MPCAB	08MN088		Drywood Creek; Upstream of 210th St, 3 mi. NW of Fairfield		phase2 1

Aquatic life IF +Chloride FS 0/7[1] DO12 -- 0/20[2] DO5\_9am FS 0/1[1] DO5\_All FS 0/20[2] +DOFinal IF[[0]] +pH FS 1/38[2] +Un-ionized ammonia FS 0/6[1]  
 Aquatic recreation NS !!!E. coli NS 7/20Ind 2/2mo  
 Ecoregion norms EX +NO2&NO3 EX 3 10[2] +Phosphorus EX 9/10[2]

<b>07020002-523</b>	<b>3A</b>	<b>1.1</b>	<b>Dry Wood Creek</b>	<b>T122 R42W S6, north line to Pomme de Terre R</b>	<b>2C</b>
MNPCA1	S004-578		drywood ck at 190th ave, 11.5 mi nw of holloway		SWIFTCTY 9
MNPCA1	S004-578		drywood ck at 190th ave, 11.5 mi nw of holloway		PDT_WM 2
MPCAB	08MN089		Drywood Creek; Downstream of CR 7, 2 mi. N of Fairfield		phase2 1

Ecoregion norms EX +NO2&NO3 EX 5/12[2] +Phosphorus EX 11/11[2]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020002-528	3A	0.6	Unnamed creek	Long Lk (56-0428-00) to Stalker Lk	2B, 3B
MNPCA1	S004-565		unn str at stalker lk inlet 1/3 mi so 180th 4.5 mi ne dalton		OTTERCTY 8
MNPCA1	S004-566		unn str at long lk outlet on 180th st 4.5 mi se of underwood		OTTERCTY 8
Ecoregion norms	OK		+NO2&NO3 OK 0/16[4]		

**HUC: 07020003      DNR Major: 24      HUC NAME: LAC QUI PARLE RIVER**

07020003-501	5A	25.8	Lac qui Parle River	W Br Lac Qui Parle R to Tenmile Cr	2C, 3C
MNPCA1	S001-112		lac qui parle r at priv rd (no. of us-212) s15 1 mi e dawson		LQPARLE 4
MNPCA1	S001-836		lac qui parle r at csah-20, 1/2 mi s of lac qui parle		CSMP 34
MNPCA1	S003-087		lac qui parle r at cty hwy 31 1 mi sw of lac qui parle, mn		LQPARLE 158
MNPCA1	S003-087		lac qui parle r at cty hwy 31 1 mi sw of lac qui parle, mn		LOADSTDY 23
MNPCA1	S003-380		lac qui parle (upstrm ampi outfl) w of cr-37 1.4 mi e dawson		LQPARLE 3
MNPCA1	S003-675		lac qui parle r at csah-27, 5 mi ne of dawson		LQPARLE 2
MNPCA1	S003-676		lac qui parle r at csah-16, 2 mi ne of dawson		LQPARLE 2
MNPCA1	S003-828		lac qui parle r at us-212, 1 mi e of dawson, mn		CSMP 52
MPCAB	01MN059		Lac Qui Parle River; downstream of CR 16, 2 mi NE of Dawson		EMAP 1
MPCAB	90MN004		Lac qui Parle River; 3/4 mile east of Cty. Rd. 27 in county park		mrap 1

Aquatic life	NS	=Chloride FS 0/14[2] DO12 -- 2 27[4] DO5_9am NS 2/5[4] DO5_All FS 2/21[4] \$DO7 FS 0/6[2] \$DOFinal IF[[1]] =pH FS 1/122[6] \$Turbid_TT_TSS NS 66/153[8](66/153[8] 44/110[8] 1/3[1]) +Un-ionzed ammonia FS 0/7[1]
Aquatic recreation	IF	\$E. coli IF 1/14Ind 0/0mo
Ecoregion norms	EX	=NO2&NO3 EX 106/180[8] <>Phosphorus EX 16/155[7]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020003-505	5A	61.6	Lac qui Parle River	Headwaters (Lk Hendricks 41-0110-00) to Lazarus Cr (Ca	2C, 3C
MNPCA1	S001-441		lac qui parle r 5 mi n of canby, mn		CSMP 159
MNPCA1	S001-773		lac qui parle r, 1 mi s of cr 12, 2 mi e of canby		CSMP 53
MNPCA1	S001-835		lac qui parle r, brg on cr-d8, 6 1/2 mi sw of canby		CSMP 100
MNPCA1	S001-837		s br lac qui parle r, 1 mi s of csah-20, 8 mi s of canby		CSMP 29
MNPCA1	S001-838		lac qui parle r at brg on 240th ave, 6 mi e of canby		CSMP 19
MNPCA1	S001-839		lac qui parle r at brg on 260th ave, 7 1/2 mi ne of canby		CSMP 18
MNPCA1	S003-084		s br lac qui parle r at mn hwy 68 2 mi se of canby, mn		LQPARLE 125
MNPCA1	S003-085		s br lac qui parle r at mn hwy 67 7.5 mi ne of canby, mn		LQPARLE 119
MPCAB	03MN045		Lac Qui Parle River; 3.5 mi. S. of Canby on C.R. 105 (W. of Hwy 75 bridge)		biocriteria 1

Aquatic life NS DO12 -- 2 48[4] DO5\_9am NS 1/3[3] DO5\_All FS 1/38[4] DO7 FS 1/10[3] +DOFinal IF[[2]] =pH FS 0/210[7] \$Turbid\_TT\_TSS NS 57/107[5](57/107[5] 129/249[8] 2/3[1])

Aquatic recreation IF \$E. coli IF 1/15Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 177/238[7] <>Phosphorus EX 11/104[6]

07020003-506	5A	28.4	Lac qui Parle River	Lazarus Cr (Canby Cr) to W Br Lac Qui Parle R	2C, 3C
MNPCA1	S001-113		lac qui parle r (aka s br) at rr bridge 1 mi se of dawson		LQPARLE 2
MNPCA1	S003-079		lac qui parle r at cty rd 23 2.5 mi s of dawson		LQPARLE 170
MPCAB	03MN051		Lac Qui Parle River; 2 mi. S. of Dawson on C.R. 23		biocriteria 1

Aquatic life NS DO12 -- 1/24[3] DO5\_9am NS 1/2[1] DO5\_All FS 1/19[3] DO7 FS 0/5[1] +DOFinal IF[[1]] =pH FS 0/118[5] \$Turbid\_TT\_TSS NS 80/141[7](80/141[7] 17/28[6] 1/4[1])

Aquatic recreation IF \$E. coli IF 1/16Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 99/157[8] =Phosphorus OK 13/143[7]

07020003-508	5A	21.6	Lazarus Creek (Canby Creek)	Canby Cr to Lac Qui Parle R	2B, 3C
MNPCA1	S001-840		lazarus ck at brg on cr-52, e of mn-75, 8 1/2 mi n of canby		CSMP 20
MNPCA1	S003-074		lazarus ck at us hwy 75 8 miles n of canby, mn		LQPARLE 130

Aquatic life NS DO12 -- 2 48[3] DO5\_9am FS 0/5[2] DO5\_All FS 1/38[3] DO7 FS 1/10[3] +DOFinal IF[[1]] =pH FS 0/212[7] \$Turbid\_TT\_TSS NS 32/108[5](32/108[5] 11/38[4] 4/8[1])

Aquatic recreation NS !!!E. coli NS 3/16Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 86/126[7] =Phosphorus OK 5/104[6]

07020003-509	5C	25.2	Lazarus Creek	MN/SD border to Canby Cr	2C, 3C
MNPCA1	S002-066		lazarus ck at cr-e2 brg, 3 mi nw of canby		CSMP 41
MNPCA1	S003-836		lazarus ck at 180th st, 2 mi nw of canby, mn		CSMP 95
MPCAB	03MN046		Lazarus Creek; 5 mi. W. of Canby on Hwy 68		biocriteria 1

Aquatic life FS =Turbid\_TT\_TSS FS 11/137[6](0/1[1] 11/136[6] --/--[--])

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020003-511</b>	<b>5A</b>	<b>31.7</b>	<b>Tenmile Creek</b>	<b>Headwaters to Lac Qui Parle R</b>	<b>2B, 3B</b>
MNPCA1	S003-075		ten mile ck at cr 18 10 mi ne of dawson, mn		LQPARLE 59
MNPCA1	S003-376		tenmile ck at 220th st, 9.5 mi ne of dawson, mn		CSMP 100
MPCAB	01MN037		Ten Mile Creek (Jud. Ditch #1); 1mi S from Boyd off Cty Rd 29		EMAP 1
MPCAB	01MN061		Ten Mile Creek; upstream of U.S. 212, 5 mi. N. of Boyd		EMAP 2

Aquatic life NS DO12 -- 2 27[3] DO5\_All FS 2/23[3] DO7 FS 0/4[1] +DOFinal IF[[0]] =pH FS 3/110[4] !!!Turbid\_TT\_TSS NS 7/40[3](7/40[3] 13/117[6] 0/4[1])  
 Ecoregion norms EX =NO2&NO3 EX 51/56[3] =Phosphorus EX 7/53[3]

<b>07020003-512</b>	<b>5C</b>	<b>7.2</b>	<b>Lac qui Parle River, West Branch</b>	<b>Unnamed cr to Unnamed ditch</b>	<b>2C, 3C</b>
MNPCA1	S002-065		w br lac qui parle r at walking brg in dawson		CSMP 70
MNPCA1	S002-065		w br lac qui parle r at walking brg in dawson		LQPARLE 2
MNPCA1	S002-458		lac qui parle r, w br, at end of 11th st in dawson, mn		CSMP 7
MNPCA1	S003-089		w br lac qui parle ri on east diagonal st in dawson, mn		LQPARLE 166
MNPCA1	S004-280		laq qui parle r, w br, near 6th st in dawson, mn		CSMP 21

Aquatic life NS DO12 -- 1/22[2] DO5\_9am NS 1/1[1] DO5\_All FS 1/18[2] DO7 FS 0/4[1] +DOFinal IF[[0]] =pH FS 0/110[4] =Turbid\_TT\_TSS FS 12/131[7](12/131[7] 6/125[8] 0/3[1])  
 Aquatic recreation IF \$E. coli IF 1/15Ind 0/0mo  
 Ecoregion norms EX =NO2&NO3 EX 79/151[8] <Phosphorus EX 14/136[7]

<b>07020003-516</b>	<b>5C</b>	<b>4.0</b>	<b>Lac qui Parle River, West Branch</b>	<b>Lost Cr to Florida Cr</b>	<b>2C, 3C</b>
MNPCA1	S003-086		w br lac qui parle r at us hwy 212 12.5 mi sw of madison, mn		LQPARLE 62
MNPCA1	S003-086		w br lac qui parle r at us hwy 212 12.5 mi sw of madison, mn		CSMP 9

Aquatic life NS DO12 -- 4/26[1] DO5\_9am NS 3/12[1] DO5\_All NS 4/22[1] DO7 FS 0/4[1] !!!DOFinal NS[[1]] =pH FS 0/112[3] !!!Turbid\_TT\_TSS NS 5/43[2](5/43[2] 4/23[3] 0/5[1])  
 Ecoregion norms EX =NO2&NO3 EX 8/59[3] =Phosphorus OK 4/58[3]

<b>07020003-518</b>	<b>3D</b>	<b>6.4</b>	<b>Lost Creek</b>	<b>MN/SD border to Crow Timber Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-822		lost ck, crossing of unn co. rd & 212, 5 mi s of marietta		CSMP 24

Aquatic life FS =Turbid\_TT\_TSS FS 0/24[2](--/--) 0/24[2] --/--)

<b>07020003-521</b>	<b>5A</b>	<b>37.5</b>	<b>Florida Creek</b>	<b>MN/SD border to W Br Lac Qui Parle R</b>	<b>2C, 3C</b>
MNPCA1	S002-060		florida ck at cr-e3 brg, 2.5 mi w of burr		CSMP 20
MNPCA1	S002-067		florida ck at brg on unn rd, 6.5 mi nw of canby		CSMP 41
MNPCA1	S003-081		cobb ck at mn hwy 22 3 mi s of gary, sd		LQPARLE 58
MNPCA1	S003-088		florida ck at us hwy 212 11 mi sw of madison, mn		LQPARLE 51
MNPCA1	S003-088		florida ck at us hwy 212 11 mi sw of madison, mn		CSMP 9
MPCAB	03MN047		Florida Creek; 7 mi. N.W. of Canby on C.R. 15		biocriteria 1
MPCAB	03MN052		Florida Creek; 2 mi. S. of Hwy 212, 1/2 mi. W. of C.R. 13 (dead end- Florida Creek WMA)		biocriteria 1

Aquatic life NS DO12 -- 1/26[2] DO5\_9am NS 1/8[1] DO5\_All FS 1/22[2] DO7 FS 0/4[1] +DOFinal IF[[1]] =pH FS 0/118[3] \$Turbid\_TT\_TSS NS 17/39[2](17/39[2] 11/86[5] 1/3[1])  
 Ecoregion norms EX =NO2&NO3 EX 23 99[3] =Phosphorus EX 6/57[3]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020003-522</b>	<b>3A</b>	<b>10.6</b>	<b>County Ditch 27</b>		<b>Headwaters to Lac Qui Parle R</b>	<b>7</b>	
MNPCA1	S003-379		cd #27 on township grvl rd/cсах-39, 2.75 mi. no. dawson			LQPARLE	4
MPCAB	03MN055		County Ditch #27; 2.5 mi N. of Dawson on C.R. 25			biocriteria	1
Limited Use Waters IF +pH FS 0/10[3]							
<b>07020003-525</b>	<b>3A</b>	<b>4.5</b>	<b>Unnamed ditch (County Ditch 4)</b>		<b>Unnamed ditch to Lac Qui Parle R</b>	<b>2B, 3B</b>	
MNPCA1	S001-841		co. dt no. 4, at cr-20 & 27 cross, 4 mi w of lac qui parle			LQPARLE	2
MNPCA1	S001-841		co. dt no. 4, at cr-20 & 27 cross, 4 mi w of lac qui parle			CSMP	8
MNPCA1	S004-716		unn dt (cd-4) 6 mi ne of dawson, mn			CSMP	25
Aquatic life NS !!!Turbid_TT_TSS NS 5/35[4](--/--[ ] 5/35[4] --/--[ ])							
<b>07020003-526</b>	<b>2</b>	<b>5.1</b>	<b>County Ditch 34</b>		<b>Unnamed ditch to Tenmile Cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-843		co. dt no. 34, w side of cr-31, 3 1/2 mi s of lac qui parle			CSMP	108
Aquatic life FS =Turbid_TT_TSS FS 5/108[7](--/--[ ] 5/108[7] --/--[ ])							
<b>07020003-528</b>	<b>3B</b>	<b>9.6</b>	<b>Cobb Creek</b>		<b>Unnamed cr to Florida Cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-775		cobb ck, .5 mi s of cr 12, 11 mi sw of madison			CSMP	54
Aquatic life NS !!!Turbid_TT_TSS NS 15/54[6](--/--[ ] 15/54[6] --/--[ ])							
<b>07020003-532</b>	<b>2</b>	<b>8.2</b>	<b>County Ditch 34</b>		<b>Headwaters to Unnamed ditch</b>	<b>2B, 3B</b>	
MNPCA1	S002-064		co dt 34 on unn rd, just w of csah-27, 5 mi sw of dawson			CSMP	170
Aquatic life FS =Turbid_TT_TSS FS 1/170[6](--/--[ ] 1/170[6] --/--[ ])							
<b>07020003-556</b>	<b>2</b>	<b>8.7</b>	<b>Canby Creek</b>		<b>Del Clark Lk to Lazarus Cr</b>	<b>2C, 3C</b>	
MNPCA1	S000-861		canby ck at csah-3 0.5 mi e of canby			CSMP	89
MNPCA1	S002-068		canby ck in lk sylvan pk in canby, mn			CSMP	87
MNPCA1	S002-070		canby ck at mn-68 in canby			CSMP	87
MPCAB	01MN021		Canby Creek; In Canby City Park. Off US 75, near baseball fields			EMAP	2
Aquatic life FS +Turbid_TT_TSS FS 1/175[7](0/2[1] 1/173[6] --/--[ ])							
<b>07020003-557</b>		<b>9.6</b>	<b>Canby Creek</b>		<b>T114 R46W S21, south line to Del Clark Lk</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S001-013		canby ck at rd btn s13/18 3.5 mi sw of canby			CSMP	25
MNPCA1	S001-774		canby ck .5 mi s of cr 30, 3.75 mi sw of canby			CSMP	57
Aquatic life FS +Turbid_TT_TSS FS 5/82[3](--/--[ ] 5/82[3] --/--[ ])							

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: MN</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

**HUC: 07020004**      **DNR Major: 25**      **HUC NAME: MINN R-Granite Falls**

<b>07020004-501</b>	<b>5B</b>	<b>10.9</b>	<b>Minnesota River</b>	<b>Chippewa R to Stony Run Cr</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S000-740		minnesota r on ush-59/212 .8 mi sw of montivideo		MDAQMP 19
MPCAB	03MN081		Minnesota River; Downstream of Montevideo		biocriteria 1

Drinking Water      FS      +NO2&NO3 FS 0/19[6]  
 Ecoregion norms      OK      +Phosphorus OK 1/20[6]

<b>07020004-502</b>	<b>5C</b>	<b>27.8</b>	<b>Yellow Medicine River</b>	<b>Spring Cr to Minnesota R</b>	<b>2B, 3B</b>
MNPCA1	S000-159		yellow medicine r mn-67 br 7 mi se granite falls		14
MNPCA1	S000-159		yellow medicine r mn-67 br 7 mi se granite falls	MILE	45
MNPCA1	S000-159		yellow medicine r mn-67 br 7 mi se granite falls	RNC	4
MNPCA1	S002-316		yellow med r, 1 1/3 mi no csah-18, 5 1/4 mi ne hanley falls	CWP_YM	93
MNPCA1	S002-316		yellow med r, 1 1/3 mi no csah-18, 5 1/4 mi ne hanley falls	LOADSTDY	24

Aquatic life      NS      +Chloride FS 0/24[1] DO12 -- 2 130[9] DO5\_9am FS 0/10[2] DO5\_All FS 2/86[8] DO7 FS 0/44[9] +DOFinal IF[[4]] =pH FS 0/134[8] \$Turbid\_TT\_TSS NS  
 28/69[8](28/69[8] 26/81[7] 7/14[4]) +Un-ionzed ammonia FS 0/59[8]  
 Aquatic recreation      FS      +E. coli FS 1/45Ind 0/6mo  
 Ecoregion norms      EX      =BOD5 OK 2/20[4] <>NO2&NO3 EX 16/97[9] =Phosphorus OK 8/121[8]



AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020004-503	5B	62.7	Yellow Medicine River, South Branch (C	Headwaters to Yellow Medicine R	2B, 3B
MNPCA1	S001-156		s br yellow medicine r at csah-10, at minneota		YM_TMDL 7
MNPCA1	S001-217		s br yellow medicine r at csah-3, at minneota		YM_TMDL 7
MNPCA1	S002-320		so br yellow medicine r on csah-26, 4 mi n minneota		CWP_YM 97
MNPCA1	S002-320		so br yellow medicine r on csah-26, 4 mi n minneota		YM_TMDL 6
MNPCA1	S002-327		so br yellow med r on 340th st, 1 mi so of minneota		YM_TMDL 7
MNPCA1	S002-328		so br yellow med r on cr-76, 5 mi so and 3 mi w of minneota		YM_TMDL 7
MNPCA1	S002-335		so br yellow med r at 370th st, 2 mi ne of minneota		YM_TMDL 7
MNPCA1	S002-336		so br yellow med r at 160th street, 1 mi ne of minneota		YM_TMDL 7
MNPCA1	S002-337		so br yellow med r at csah-3, 2 mi so of minneota		YM_TMDL 7
MNPCA1	S002-338		so br yellow med r at csah-8 bridge, 3 1/4 mi so of minneota		YM_TMDL 7
MNPCA1	S002-339		so br yellow med r at 130th st brg, 5 mi sw of minneota		YM_TMDL 7
MNPCA1	S002-340		so br yellow medicine r at csah-13 brg, 7 mi sw of minneota		YM_TMDL 7
MNPCA1	S002-341		so br yellow med r at 290th st brg, 7 1/2 mi sw of minneota		YM_TMDL 7
MNPCA1	S002-342		so br yellow med r at grvl pit rd, 8 mi sw of minneota		YM_TMDL 7
MNPCA1	S002-343		so br yellow med r at csah-13 brg, 8 1/3 mi sw of minneota		YM_TMDL 7
MNPCA1	S002-344		so br yellow med r at mn-19 brg, 8 1/2 mi sw of minneota		YM_TMDL 7
MNPCA1	S002-345		so br yellow med r on unn street, 6 mi ne of arco		YM_TMDL 7
MNPCA1	S002-346		so br yellow med r at unn street, 5 mi ne of arco		YM_TMDL 7
MPCAB	03MN038		South Branch Yellow Medicine R; upstream of C.R., 8 mi. W. of Ivanhoe		biocriteria 1
MPCAB	03MN039		South Branch Yellow Medicine R; 3 mi. S. of Minneota on C.R. 3		biocriteria 1
MPCAB	03MN040		South Branch Yellow Medicine R; 5 mi. S.E. of Ivanhoe		biocriteria 1
MPCAB	03MN041		South Branch Yellow Medicine R; 3 mi. E. of Ivanhoe (WMA)		biocriteria 1

Aquatic life NS DO12 -- 0/78[6] DO5\_9am FS 0/9[2] DO5\_All FS 0/53[6] DO7 FS 0/25[6] +DOFinal IF[[3]] \$Turbid\_TT\_TSS NS 35/106[7](0/2[1] 25/88[6] 10/16[4])

Aquatic recreation IF \$E. coli IF 0/17Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 30/38[4] =Phosphorus EX 13/62[5]

07020004-508	4A	27.1	Hawk Creek	T119 R35W S19, north line to T118 R37W S31, south line	7
MNPCA1	S002-140		hawk ck, at cr-116, 1.25 mi s of mn-40, 4.2 mi sw of willmar		CWPHAWK 268
MNPCA1	S002-141		hawk ck, township road 8, 1.1 mi ne of raymond		CWPHAWK 6
MNPCA1	S002-142		hawk ck, at 160th ave se, 1.5 mi w raymond		CWPHAWK 6
MNPCA1	S002-243		hawk ck on unn road, just s of csah-13, 1.5 mi w of raymond		CSMP 41
MNPCA1	S004-689		hawk ck on csah-7 at raymond golf course, city of raymond		CWPHAWK 37
MNPCA1	S004-767		hawk ck at 60th st sw, .5 mi w of priam		CSMP 3
MPCAB	03MN007		Hawk Creek; 4 mi. S.W. of Willmar on C.R. 116, upstream of bridge		biocriteria 1
MPCAB	07MN046		Hawk Creek; Upstream of CR 116, 4 mi. SW of Willmar		ref. ditches 1

Limited Use Waters IF DO12 -- 0/154[7] DO5\_All FS 0/116[7] DO7 FS 0/38[6] +DOFinal IF[[4]] +E. coli FS 5/42Ind 0/5mo +pH FS 0/84[5]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020004-509	5B	9.4	Minnesota River	Timms Cr to Redwood R	2B, 3C
MNPCA1	S000-055		minnesota r bridge on csah-21, 3 mi ne of delhi		MILE 45
MNPCA1	S000-055		minnesota r bridge on csah-21, 3 mi ne of delhi		RNC 4
MNPCA1	S000-055		minnesota r bridge on csah-21, 3 mi ne of delhi		MERCLKS/ 3
MNPCA1	S000-055		minnesota r bridge on csah-21, 3 mi ne of delhi		AG_PEST 3
MNPCA1	S000-055		minnesota r bridge on csah-21, 3 mi ne of delhi		14
MNPCA1	S003-759		mn r 0.6 mi e of River rd, 2.5 mi n of redwood falls, mn		CSMP 95
MPCAB	03MN093		Minnesota River; Upstream of Highway 101, 2 Mi. No of Redwood Falls		biocriteria 1
MPCAB	05MN004		Minnesota River; 1.5 miles upstream of highway 101		methods comparison 1

Aquatic life NS DO12 -- 0/50[7] DO5\_9am FS 0/1[1] DO5\_All FS 0/31[6] DO7 FS 0/19[7] +DOFinal IF[[1]] =pH FS 0/96[7] \$Turbid\_TT\_TSS NS 27/48[7](27/48[7] 66/99[5] 1/4[1]) +Un-ionzed ammonia FS 0/39[7]

Aquatic recreation FS +E. coli FS 0/28Ind 0/0mo

Ecoregion norms EX =BOD5 EX 4/16[3] =NO2&NO3 OK 2/43[7] =Phosphorus OK 1/36[6]

07020004-510	4A	10.5	Hawk Creek	T117 R37W S6, north line to Chetomba Cr	2B, 3B
MNPCA1	S002-146		hawk ck, at csah-4 (at city park), south side of maynard		CWPHAWK 6
MNPCA1	S004-688		hawk ck on mn-7 brg xing in clara city		CWPHAWK 38
MPCAB	03MN016		Hawk Creek; 1 mi. S.W. of Clara City, downstream of 100th St. S.E.		biocriteria 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 32/51[7](0/1[1] 25/38[6] 7/12[1])

07020004-513	5C	33.6	Yellow Medicine River	S Br Yellow Medicine R to Spring Cr	2B, 3B
MNPCA1	S002-317		yellow med r on csah-18, 4 mi w of hanley falls		CWP_YM 94
MNPCA1	S003-758		yellow medicine r at csah-10 7 mi ne of minneota, mn		CSMP 194
MPCAB	03MN048		Yellow Medicine River; 5 mi. S.W. of Hanley Falls		biocriteria 2

Aquatic life NS DO12 -- 1/70[5] DO5\_9am FS 0/2[2] DO5\_All FS 1/46[5] DO7 FS 0/24[5] +DOFinal IF[[3]] \$Turbid\_TT\_TSS NS 81/271[7](0/2[1] 75/257[6] 6/12[2])

Aquatic recreation IF +E. coli IF 0/18Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 26/34[4] =Phosphorus EX 13/61[5]

07020004-515	5B	4.2	Minnesota River	Minnesota Falls Dam to Hazel Cr	2B, 3C
MNPCA1	S002-964		mn r w of petes point rd, 2.6 mi se of granite falls, mn		CSMP 70
MPCAB	03MN086		Minnesota River; Approx. 7 mi. downstream of Granite Falls @ Hazel Ck Confluence		biocriteria 1

Aquatic life NS \$Turbid\_TT\_TSS NS 32/71[6](0/1[1] 32/70[6] --/--[--])

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020004-525</b>	<b>2</b>	<b>16.3</b>	<b>Timms Creek</b>	<b>Headwaters to Minnesota R</b>	<b>2C</b>
MNPCA1	S002-965		timms ck e of csah 15. 13 mi sw of olivia, mn		CSMP 72
MNPCA1	S003-867		timms ck at csah-15, 2.8 mi nne of delhi, minnesota		CWPHAWK 91
MNPCA1	S004-696		timms ck (cd-35a) on 760th ave culvert xing 9 mi se renville		CWPHAWK 34

Aquatic life NS DO12 -- 0/50[4] DO5\_9am FS 0/2[2] DO5\_All FS 0/37[4] DO7 FS 0/13[4] +DOFinal IF[[1]] +pH FS 0/40[3] !!!Turbid\_TT\_TSS NS 8/42[4](8/42[4] 5/116[6] --/--[--])

Aquatic recreation NS !!!E. coli NS 6/25Ind 2/2mo

Ecoregion norms EX +NO2&NO3 EX 25/39[3] +Phosphorus OK 3/40[3]

<b>07020004-526</b>	<b>2</b>	<b>14.9</b>	<b>Sacred Heart Creek</b>	<b>Headwaters to Minnesota R</b>	<b>2B, 3B</b>
MNPCA1	S001-341		sacred heart ck at csah-15 br, 5 mi nw of delhi, mn		CSMP 71
MNPCA1	S001-341		sacred heart ck at csah-15 br, 5 mi nw of delhi, mn		CWPHAWK 96
MNPCA1	S002-238		sacred heart ck just w of cr-61, 5 mi se of renville		CSMP 50
MNPCA1	S002-239		sacred heart ck at unn road, 6.5 mi sw of renville		CSMP 50
MNPCA1	S002-239		sacred heart ck at unn road, 6.5 mi sw of renville		CWPHAWK 29
MNPCA1	S004-693		sacred heart ck on us-212, 2 mi w of renville		CWPHAWK 20

Aquatic life NS DO12 -- 6/64[5] DO5\_All NS 6/47[5] DO7 FS 0/17[5] !!!DOFinal NS[[2]] +pH FS 0/68[4] !!!Turbid\_TT\_TSS NS 8/42[4](8/42[4] 3/117[8] 0/10[1])

Aquatic recreation NS !!!E. coli NS 4/25Ind 1/2mo

Ecoregion norms EX +NO2&NO3 EX 23 39[3] +Phosphorus EX 37/40[3]

<b>07020004-528</b>	<b>5A</b>	<b>13.3</b>	<b>Beaver Creek</b>	<b>E Fk Beaver Cr to Minnesota R</b>	<b>2B, 3B</b>
MNPCA1	S000-666		beaver ck at csah-2 2.5 mi ne of north redwood		CWPHAWK 270

Aquatic life NS DO12 -- 0/153[7] DO5\_9am FS 0/5[3] DO5\_All FS 0/114[7] DO7 FS 0/39[6] +DOFinal IF[[4]] +pH FS 0/78[3] \$Turbid\_TT\_TSS NS 34/138[5](34/138[5] 14/86[7] 38/92[3])

Aquatic recreation NS !!!E. coli NS 7/53Ind 5/6mo

Ecoregion norms EX +NO2&NO3 EX 66/110[4] =Phosphorus EX 40/174[7]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020004-530	5A	29.4	Beaver Creek, West Fork	Headwaters to E Fk Beaver Cr	2B, 3B
MNPCA1	S000-405		w fk beaver ck at csah-4 6.5 mi s of olivia		CWPHAWK 259
MNPCA1	S002-154		west fork beaver ck, at cr-70, 2.6 mi nw of danube		CWPHAWK 6
MNPCA1	S002-155		west fork beaver ck, at unk gravel rd, 3.1 mi se of danube		CWPHAWK 6
MNPCA1	S002-156		west fork beaver ck, at cr-62, 6.3 mi ne of bechyn		CWPHAWK 6
MNPCA1	S002-240		w fk beaver ck, 1 mi s of us-212, 1.5 mi sw of danube		CSMP 94
MNPCA1	S003-761		beaver ck, w fk (cd-17a) at 270th st/cr-59 2 mi nw of danube		CWPHAWK 36
MNPCA1	S003-761		beaver ck, w fk (cd-17a) at 270th st/cr-59 2 mi nw of danube		CSMP 163
MNPCA1	S004-675		beaver ck wf (cd31) on cr-59 (aka 270th st) 6 mi ne renville		CWPHAWK 35
MNPCA1	S004-697		beaver ck wf on us-212, 3 mi e of renville		CWPHAWK 37
MNPCA1	S004-698		beaver ck wf on cr-53 brg xing, 2 mi sw of danube		CWPHAWK 12
MNPCA1	S004-699		beaver ck wf on csah-1, 3 mi s of danube		CWPHAWK 37
MPCAB	03MN018		West Fork Beaver Creek; 8 mi. N. of Morton on C.R. 4, upstream of bridge		biocriteria 1

Aquatic life NS DO12 -- 22 160[7] DO5\_9am NS 1/17[3] DO5\_All NS 22/118[7] DO7 FS 0/42[6] !!!DOFinal NS[[5]] +pH FS 1/98[5] \$Turbid\_TT\_TSS NS 53/130[6](53/130[6] 70/303[7] 53/94[3])

Aquatic recreation NS !!!E. coli NS 10/52Ind 6/6mo

Ecoregion norms EX +NO2&NO3 EX 64/106[5] =Phosphorus EX 35/165[7]

07020004-531	3A	4.1	County Ditch 37 (1)	Headwaters to W Fk Beaver Cr	2B, 3B
MNPCA1	S004-678		cd #37 on 260th ave culvert xing, 2 mi ne of renville		CWPHAWK 30
MNPCA1	S004-679		cd #37 on csah-21 culvert xing, 1.5 mi n of renville		CWPHAWK 15
MPCAB	03MN017		County Ditch #37; Site is downstream of North/South road, 2.5 mi. E. of Renville		biocriteria 1

Aquatic life FS +pH FS 0/32[3] +Turbid\_TT\_TSS FS 2/32[6](0/1[1] 2/31[5] --/--[--])

07020004-532	3A	5.0	County Ditch 37 (2)	Headwaters to W Fk Beaver Cr	2B, 3B
MNPCA1	S004-700		cd-37 (trib to beaver ck wf) at cr-53, 2 1/4 mi se of danube		CWPHAWK 25

Aquatic life FS +Turbid\_TT\_TSS FS 0/25[4](--/--[--] 0/25[4] --/--[--])

07020004-534	3A	17.8	Palmer Creek (County Ditch 68)	Headwaters to Minnesota R	2C
MNPCA1	S002-136		palmer ck at 15th ave se, 2 mi nw of granite falls		CWPHAWK 87
MNPCA1	S004-692		palmer ck on csah-16 culvert xing, 9 mi n of granite falls		CWPHAWK 32

Aquatic life NS DO12 -- 0/40[4] DO5\_All FS 0/27[4] DO7 FS 0/13[4] +DOFinal IF[[1]] +pH FS 0/36[2] !!!Turbid\_TT\_TSS NS 7/37[4](7/37[4] 3/47[6] 1/6[1])

Aquatic recreation NS !!!E. coli NS 3/21Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 31/34[3] +Phosphorus EX 8/34[3]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07020004-538</b>	<b>5C</b>	<b>41.2</b>	<b>Spring Creek</b>		<b>Headwaters to Yellow Medicine R</b>	<b>2B, 3B</b>	
MNPCA1	S002-318		spring ck, 1/4 mi no of csah-3, 3 3/4 mi nw of hanley falls			CWP_YM	83
MPCAB	91MN014		Spring Creek; downstream of old farm driveway, N of CR 3 0.1 mi, E of CR9 0.8 mi.			mrmap	1
Aquatic life	NS	DO12 -- 4/61[6]	DO5_All NS 4/39[6]	DO7 FS 0/22[5]	!!!DOFinal NS[1]	!!!Turbid_TT_TSS NS 13/91[7](0/1[1] 10/74[6] 3/16[4])	
Aquatic recreation	IF	+E. coli IF 0/14Ind 0/0mo					
Ecoregion norms	EX	=NO2&NO3 EX 20/26[3]	=Phosphorus EX 20/53[5]				
<b>07020004-542</b>	<b>2</b>	<b>39.9</b>	<b>Yellow Medicine River, North Branch</b>		<b>CD 8 to Yellow Medicine R</b>	<b>2C, 3C</b>	
MNPCA1	S002-322		n br yellow med, cr-116, 1/2 mi n mn-68, 2 3/4 mi nw taunton			CWP_YM	88
MPCAB	03MN042		North Branch Yellow Medicine River; 7 mi. S.E. of Canby, site N. of Hwy 19 road crossing			biocriteria	2
Aquatic life	NS	DO12 -- 2 62[5]	DO5_9am NS 2/11[2]	DO5_All FS 2/40[5]	DO7 FS 0/22[5]	+DOFinal IF[3]	!!!Turbid_TT_TSS NS 27/88[7](0/2[1] 22/78[6] 5/8[4])
Aquatic recreation	IF	+E. coli IF 0/14Ind 0/0mo					
Ecoregion norms	EX	=NO2&NO3 EX 30/34[4]	=Phosphorus EX 10/56[5]				
<b>07020004-543</b>	<b>3D</b>	<b>29.2</b>	<b>Mud Creek</b>		<b>Headwaters to T114 R43W S35, south line</b>	<b>2C</b>	
MNPCA1	S002-321		mud ck just so. of csah-27 on unn st, 5 1/2 mi n of minneota			CWP_YM	90
Aquatic life	NS	DO12 -- 4/63[5]	DO5_9am NS 3/9[1]	DO5_All FS 4/42[5]	DO7 FS 0/21[5]	!!!DOFinal NS[3]	!!!Turbid_TT_TSS NS 14/88[7](--/--) 14/81[6] 0/7[3])
Aquatic recreation	IF	+E. coli IF 0/14Ind 0/0mo					
Ecoregion norms	EX	=NO2&NO3 EX 26/31[5]	=Phosphorus EX 17/56[5]				
<b>07020004-555</b>	<b>2</b>	<b>4.3</b>	<b>Boiling Spring Creek</b>		<b>T114 R37W S20, west line to Minnesota R</b>	<b>2C</b>	
MNPCA1	S004-345		boiling spring ck at twnshp rd 9, 4.5 mi n of belview, mn			CSMP	67
MPCAB	01MN055		Boiling Springs Creek; 4.5 N. of Bellview			EMAP	1
Aquatic life	NS	!!!Turbid_TT_TSS NS 10/68[3](0/1[1] 10/67[2] --/--)					
<b>07020004-568</b>	<b>5B</b>	<b>1.2</b>	<b>Hawk Creek</b>		<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-148		hawk ck, at mn-23, 2.2 mi sw of maynard			CWPHAWK	268
Aquatic life	NS	DO12 -- 1/151[7]	DO5_9am FS 0/2[2]	DO5_All FS 1/113[7]	DO7 FS 0/38[6]	+DOFinal IF[4]	+pH FS 1/78[3] \$Turbid_TT_TSS NS 53/137[5](53/137[5] 37/85[7] 63/92[3])
Aquatic recreation	NS	!!!E. coli NS 3/51Ind 4/5mo					
Ecoregion norms	EX	+NO2&NO3 EX 59/109[4]	=Phosphorus EX 148/173[7]				
<b>07020004-572</b>	<b>3A</b>	<b>1.4</b>	<b>Unnamed creek</b>		<b>Unnamed cr to CD 31</b>	<b>2B, 3B</b>	
MNPCA1	S004-671		unn str (chetomba ck) on csah-3 brg xing, 6 mi e of raymond			CWPHAWK	38
Aquatic life	FS	+Turbid_TT_TSS FS 3/38[6](--/--) 3/38[6] --/--)					

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020004-576</b>	<b>3A</b>	<b>17.6</b>	<b>Chetomba Creek</b>	<b>T117 R36W S9, east line to T116 R37W S8, west line</b>	<b>7</b>
MNPCA1	S002-149		chetomba ck, at mn-7, .7 mi w of prinsburg		CWPHAWK 6
MNPCA1	S002-150		chetomba ck, at 120th st sw, 1 mi sw of prinsburg		CWPHAWK 6
MNPCA1	S004-668		chetomba ck on kandiyohi/renville cty line, 7 mi no renville		CWPHAWK 37
MNPCA1	S004-670		chetomba ck on 870th ave brg crossing, 6 mi nw of renville		CWPHAWK 37
MNPCA1	S004-672		chetomba ck on cr-9 brg crossing, 5.5 mi n of sacred heart		CWPHAWK 37
MNPCA1	S004-763		chetomba ck (jd-17) at cr-619, 3.5 mi sw of prinsburg		CSMP 7
MPCAB	07MN077		Chetamba Creek; Downstream of CR 64, 5 mi. SW of Prinsburg		ref. ditches 1

Limited Use Waters IF +Chloride FS 0/6[2] +pH FS 0/34[4] +Un-ionized ammonia FS 0/14[4]

<b>07020004-584</b>	<b>3B</b>	<b>44.7</b>	<b>Yellow Medicine River</b>	<b>Headwaters to Mud Cr</b>	<b>2B, 3B</b>
MNPCA1	S002-323		yell med r, brg min main rd, 1/4 mi e csah-8, 2 mi w taunton		CWP_YM 97
MPCAB	07MN070		Yellow Medicine River; Upstream of CR 110, 2 mi. NE of Ivanhoe		ref. ditches 1

Aquatic life NS DO12 -- 0/69[5] DO5\_9am FS 0/14[4] DO5\_All FS 0/48[5] DO7 FS 0/21[5] +DOFinal IF[[4]] !!!Turbid\_TT\_TSS NS 37/106[7](0/1[1] 24/87[6] 13/18[5])  
 Aquatic recreation IF +E. coli IF 0/15Ind 0/0mo  
 Ecoregion norms EX =NO2&NO3 OK 2/35[4] =Phosphorus EX 14/61[6]

<b>07020004-586</b>	<b>3A</b>	<b>8.4</b>	<b>Beaver Creek, East Fork</b>	<b>T115 R35W S35, north line to W Fk Beaver Cr</b>	<b>2B, 3B</b>
MNPCA1	S000-404		e fk beaver ck at csah-4 6.5 mi s of olivia		CWPHAWK 38
MNPCA1	S002-157		e fk beaver ck, at us-71, 4.9 mi ne of bechyn		CWPHAWK 6

Aquatic life NS !!!Turbid\_TT\_TSS NS 13/50[7](--/--[6] 9/38[6] 4/12[1])

<b>07020004-587</b>	<b>5B</b>	<b>15.6</b>	<b>Hawk Creek</b>	<b>Spring Cr to Minnesota R</b>	<b>2B, 3B</b>
MNPCA1	S002-012		hawk ck at cr 52 br, 6.5 mi se of granite falls		CSMP 75
MNPCA1	S002-012		hawk ck at cr 52 br, 6.5 mi se of granite falls		CWPHAWK 241
MNPCA1	S002-246		hawk cr, 4.75 mi se of granite falls, mn		CSMP 138
MNPCA1	S003-760		hawk ck at 822nd avenue 4.8 mi se of granite falls, mn		CSMP 96
MNPCA1	S004-690		hawk ck at mn falls elevator on grvl rd 2 mi sw sacred heart		CWPHAWK 37
MPCAB	90MN017		Hawk Creek; 1 mi. south of Hwy 212 on Rd 52		mrap 1

Aquatic life NS DO12 -- 0/155[8] DO5\_9am FS 0/2[2] DO5\_All FS 0/116[8] DO7 FS 0/39[6] +DOFinal IF[[4]] +pH FS 1/80[4] \$Turbid\_TT\_TSS NS 44/138[6](44/138[6] 106/339[7] 60/108[3])  
 Aquatic recreation NS !!!E. coli NS 1/53Ind 3/6mo  
 Ecoregion norms EX +NO2&NO3 EX 59/112[5] =Phosphorus EX 135/177[7]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020004-589	5C	0.9	Unnamed ditch		Chetomba Cr to Spring Cr	2B, 3B	
MNPCA1	S002-152		chetomba ck, at unnamed twp rd, 5 mi se of maynard				CWPHAWK 265
Aquatic life	NS	DO12 -- 0/148[7] DO5_9am FS 0/2[2] DO5_All FS 0/113[7] DO7 FS 0/35[6] +DOFinal IF[[4]] +pH FS 0/78[3] \$Turbid_TT_TSS NS 16/138[5](16/138[5] 21/83[7] 40/86[3])					
Aquatic recreation	NS	!!!E. coli NS 5/53Ind 3/6mo					
Ecoregion norms	EX	+NO2&NO3 EX 61/111[4] =Phosphorus OK 15/175[7]					
07020004-601	3D	1.3	Unnamed creek		CD 66 to Minnesota R	2B, 3B	
MNPCA1	S001-357		hungry hollow 25 feet upst mn River at granite falls, mn				CSMP 23
Aquatic life	FS	=Turbid_TT_TSS FS 0/23[2](--/--[ ] 0/23[2] --/--[ ])					
07020004-602	3B	0.2	Unnamed creek (Eagle Lake Inlet)		Unnamed cr to Eagle Lk	2B, 3B	
MNPCA1	S001-811		unn trib to eagle lk (halvr Slough) at cr-9, 5 mi ne willmar				CSMP 40
MNPCA1	S001-811		unn trib to eagle lk (halvr Slough) at cr-9, 5 mi ne willmar				EAGLELK 34
Aquatic life	NS	!!!Turbid_TT_TSS NS 12/40[8](--/--[ ] 12/40[8] --/--[ ])					
Ecoregion norms	EX	+Phosphorus EX 25/34[7]					
07020004-608	3A	2.1	Unnamed ditch		Unnamed ditch to Chetomba Cr	2B, 3B	
MNPCA1	S003-170		unn dtch off chetomba ck w of 75th st. 2 mi ne of prinsburg				CSMP 39
Aquatic life	FS	+Turbid_TT_TSS FS 2/39[2](--/--[ ] 2/39[2] --/--[ ])					
07020004-610	3A	2.8	Brafees Creek		T116 R40W S1, north line to Minnesota R	2C	
MNPCA1	S004-669		brafees ck outlet at csah-15 sw, 5 mi nw of granite falls				CWPHAWK 35
Aquatic life	FS	+Turbid_TT_TSS FS 1/35[6](--/--[ ] 1/35[6] --/--[ ])					
07020004-613	4A	3.2	Minnesota River		8th Ave and Baldwin St bridge to Minnesota Falls Dam	2B, 3C	
MNPCA1	S000-343		minnesota r.,ush-212 at granite falls				CSMP 20
Aquatic life	FS	=Turbid_TT_TSS FS 0/20[2](--/--[ ] 0/20[2] --/--[ ])					
07020004-615	3A	1.9	Middle Creek		CD 120 to Minnesota R	2C	
MNPCA1	S004-691		middle ck on csah-15, 3 mi ne of delhi				CWPHAWK 38
Aquatic life	FS	+Turbid_TT_TSS FS 2/38[6](--/--[ ] 2/38[6] --/--[ ])					
07020004-617	3A	6.4	Smith Creek (County Ditch 125A)		T113 R35W S4, north line to Minnesota R	2C	
MNPCA1	S004-694		smith ck (cd-125a) on csah-15, 4 1/2 mi n redwood falls				CWPHAWK 38
Aquatic life	FS	+Turbid_TT_TSS FS 1/38[6](--/--[ ] 1/38[6] --/--[ ])					

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020004-622</b>	<b>3D</b>	<b>1.0</b>	<b>Judicial Ditch 17</b>		<b>CD 3 to Yellow Medicine R</b>		<b>2B, 3B</b>
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MNPCA1	S002-319		jd #17 on csah-18, 1 mi w of hanley falls				CWP_YM	94
Aquatic life	FS	DO12 -- 1/68[5]	DO5_All FS 1/44[5]	DO7 FS 0/24[5]	+DOFinal IF[[1]]	=Turbid_TT_TSS FS 4/102[7]	(--/--[--] 2/84[6] 2/18[5])	
Aquatic recreation	IF	+E. coli IF 0/17Ind 0/0mo						
Ecoregion norms	EX	=NO2&NO3 EX 16/32[4] <>Phosphorus OK 5/59[5]						

<b>07020004-623</b>	<b>3A</b>	<b>8.2</b>	<b>Judicial Ditch 16</b>		<b>Headwaters to Chetomba Cr</b>		<b>2B, 3B</b>
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MNPCA1	S002-967		jd-16 at 240th avenue sw. 3 mi s of roseland, mn				CSMP	19
MNPCA1	S004-762		jd-16 at csah-1, 3 mi s of prinsburg				CSMP	5
Aquatic life	NS	!!!Turbid_TT_TSS NS 3/24[3](--/--[--] 3/24[3] --/--[--])						

<b>07020004-640</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek (Hawk Creek)</b>		<b>Eagle Lk to Swan Lk</b>		<b>2B, 3B</b>
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MNPCA1	S002-137		hawk ck, otlt eagle lk, frontage r off us-71, 5 mi n willmar				CWPHAWK	33
Aquatic life	FS	+Turbid_TT_TSS FS 0/37[7](--/--[--] 0/29[6] 0/8[1])						

<b>07020004-642</b>	<b>3A</b>	<b>0.3</b>	<b>Unnamed creek (Hawk Creek)</b>		<b>Swan Lk to Willmar Lk</b>		<b>2B, 3B</b>
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MNPCA1	S002-138		hawk ck, willmar lk inlt, at 26th ave ne in willmar				CWPHAWK	42
Aquatic life	NS	!!!Turbid_TT_TSS NS 19/48[7](--/--[--] 18/36[6] 1/12[1])						

<b>07020004-648</b>	<b>3A</b>	<b>1.2</b>	<b>Unnamed creek (County Ditch 119)</b>		<b>Unnamed cr to Minnesota R</b>		<b>2B, 3B</b>
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MNPCA1	S003-866		cd-119 at csah-15, 5.6 mi s of sacred heart, minnesota				CWPHAWK	73
Aquatic life	NS	DO12 -- 0/36[4]	DO5_All FS 0/24[4]	DO7 FS 0/12[4]	+DOFinal IF[[0]]	+pH FS 0/34[3]	!!!Turbid_TT_TSS NS 6/31[4](6/31[4] 1/42[6] --/--[--])	
Aquatic recreation	NS	!!!E. coli NS 1/18Ind 1/2mo						
Ecoregion norms	EX	+NO2&NO3 EX 22/30[3] +Phosphorus OK 1/28[3]						

<b>07020004-653</b>	<b>3A</b>	<b>1.6</b>	<b>Unnamed creek</b>		<b>Unnamed lk (34-0131-00) to Unnamed cr</b>		<b>2B, 3B</b>
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MNPCA1	S004-401		unn str at csah-26 east (within swanson wpa) 6 mi ne willmar				EAGLELK	20
Aquatic life	FS	+Turbid_TT_TSS FS 0/20[8](--/--[--] 0/20[8] --/--[--])						
Ecoregion norms	EX	+Phosphorus EX 14/17[7]						

<b>07020004-654</b>	<b>3A</b>	<b>3.2</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
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MNPCA1	S004-402		unn str inlt to halverson Slough csah-26 mid 5.75 ne willmar				EAGLELK	30
Aquatic life	FS	+Turbid_TT_TSS FS 1/28[8](--/--[--] 1/28[8] --/--[--])						
Ecoregion norms	EX	+Phosphorus EX 21/27[7]						

<b>07020004-656</b>	<b>3A</b>	<b>2.1</b>	<b>Unnamed creek</b>		<b>Headwaters to Unnamed cr</b>		<b>2B, 3B</b>
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MNPCA1	S004-403		unn str inlt halverson Slough csah-26 west 5.5 mi ne willmar				EAGLELK	26
Aquatic life	FS	+Turbid_TT_TSS FS 0/26[8](--/--[--] 0/26[8] --/--[--])						
Ecoregion norms	EX	+Phosphorus EX 11/23[7]						

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms  
 '\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '-' = same as previous pre-assessment. '<>' = different than previous pre-assessment



AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
07020004-657	3A	0.4	Unnamed creek		Unnamed cr to Eagle Lk	2B, 3B	
MNPCA1	S004-405		unn str (lawler) to east side eagle lk 5 1/4 mi ne willmar			EAGLELK	27
	Aquatic life	FS	+Turbid_TT_TSS FS 0/27[8](--/--[ ] 0/27[8] --/--[ ])				
	Ecoregion norms	EX	+Phosphorus EX 11/24[7]				
07020004-676		7.6	County Ditch 45		T115 R36W S7, east line to T114 R36W S6, south line	7	
MNPCA1	S002-153		County Ditch 45, at cr-53, 2 mi s of renville			CWPHAWK	6
MNPCA1	S003-830		co dt-45 at csah-17. 4 mi s of renville, mn			CSMP	20
MNPCA1	S004-680		cd #45 on cr-62 (aka 770th ave), 6.25 mi s of renville			CWPHAWK	37
MNPCA1	S004-681		cd #45 on us-212, 1/4 mi outside city of renville			CWPHAWK	27
	Limited Use Waters	IF	+pH FS 0/30[2]				
07020004-677		5.2	County Ditch 59		Unnamed cr to W Fk Beaver Cr	2B, 3B	
MNPCA1	S004-674		cd #59 at cr-59 (aka 270th st) culvert xing 4 mi ne renville			CWPHAWK	37
	Aquatic life	NS	!!!Turbid_TT_TSS NS 4/37[6](--/--[ ] 4/37[6] --/--[ ])				
07020004-678		1.6	County Ditch 17A		Unnamed ditch to W Fk Beaver Cr	2B, 3B	
MNPCA1	S004-673		cd #17a on cr-59, 6 mi ne of renville			CWPHAWK	36
	Aquatic life	NS	!!!Turbid_TT_TSS NS 7/36[6](--/--[ ] 7/36[6] --/--[ ])				
07020004-679		0.1	Unnamed creek		Unnamed lk (34-0408-00) to Long Lk	2B, 3B	
MNPCA1	S004-799		unn otlr (aka ringo lake otlr) on cr-27, 6 1/2 mi n willmar			HAWKCK-L	8
	Aquatic life	IF	+Chloride FS 0/8[1] +pH FS 3/16[1]				
07020004-682		2.3	County Ditch 36A		Unnamed cr to Minnesota R	2B, 3B	
MNPCA1	S004-676		cd #36a on cr-15 (aka mn River rd), 6 mi nw of granite falls			CWPHAWK	34
	Aquatic life	FS	+Turbid_TT_TSS FS 2/34[6](--/--[ ] 2/34[6] --/--[ ])				
07020004-684		5.0	County Ditch 116		Unnamed ditch to T115 R37W S8, east line	2B, 3B	
MNPCA1	S004-684		cd #104 on us-212, 1/4 mi from sacred heart			CWPHAWK	22
	Aquatic life	FS	+Turbid_TT_TSS FS 1/22[6](--/--[ ] 1/22[6] --/--[ ])				
07020004-685		4.2	County Ditch 119		Headwaters to Unnamed ditch	2B, 3B	
MNPCA1	S004-686		cd #119 on us-212, 1.5 mi from sacred heart			CWPHAWK	23
	Aquatic life	FS	+Turbid_TT_TSS FS 2/23[6](--/--[ ] 2/23[6] --/--[ ])				

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
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<b>07020004-688</b>		<b>14.5</b>	<b>Minnesota River</b>		<b>Lac qui Parle dam to Chippewa R</b>		<b>1C, 2Bd, 3C</b>
MNPCA1	S000-741		minnesota r.,csah-14 by watson				MERCLKS/ 1
MNPCA1	S004-649		mn r 500 ft s csah-13 near usgs gage house dwnst of sooo-781				LOADSTDY 48
MPCAB	03MN084		Minnesota River; Approx. 2 miles upstream of Montevideo				biocriteria 1
MPCAB	05MN001		Minnesota River; Downstream of CR 15, ~5 miles NW of Montevideo				methods comparison 1

Aquatic life NS +Chloride FS 0/47[2] DO12 -- 0/42[4] DO5\_9am FS 0/7[2] DO5\_All FS 0/29[4] DO7 FS 0/13[2] +DOFinal IF[[2]] +pH FS 1/86[4] !!!Turbid\_TT\_TSS NS  
 17/46[4](17/46[4] 0/4[2] --/--[--])

Aquatic recreation IF +E. coli IF 2/15Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/49[4]

Ecoregion norms EX +Phosphorus EX 7/27[3]

<b>07020004-900</b>	<b>3A</b>	<b>0.7</b>	<b>Unnamed creek</b>		<b>Unnamed ditch to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S002-255		unn inlet l shaok. at csah-15, 12 mi sw ivanhoe				CWP_SHAO 6
MNPCA1	S002-255		unn inlet l shaok. at csah-15, 12 mi sw ivanhoe				SHAOKATN 23

Ecoregion norms EX +Phosphorus EX 9/27[2]

<b>07020004-902</b>	<b>3C</b>	<b>0.8</b>	<b>Unnamed creek (Lake Shaokatan Inlet)</b>		<b>Headwaters to Lk Shaokatan</b>		<b>2B, 3B</b>
MNPCA1	S002-395		unn inlet l shaokatan (southern edge) 11 mi sw ivanhoe				CWP_SHAO 16
MNPCA1	S002-395		unn inlet l shaokatan (southern edge) 11 mi sw ivanhoe				SHAOKATN 16

Ecoregion norms EX =Phosphorus EX 10/30[2]

<b>07020004-903</b>		<b>0.0</b>	<b>Unnamed creek (Lake Shaokatan Inlet)</b>		<b>Headwaters to Lk Shaokatan</b>		<b>2B, 3B</b>
MNPCA1	S002-396		unn inlet l shaokatan (so side of lake) 11 mi sw ivanhoe				CWP_SHAO 10
MNPCA1	S002-396		unn inlet l shaokatan (so side of lake) 11 mi sw ivanhoe				SHAOKATN 18

Ecoregion norms EX =Phosphorus EX 5/26[2]

<b>07020004-905</b>		<b>0.0</b>	<b>Unnamed creek (Lake Shaokatan Inlet)</b>		<b>Headwaters to Lk Shaokatan</b>		<b>2B, 3B</b>
MNPCA1	S002-262		w drain tile inlet l shaok s24 seq/neq/nwq, 7 mi sw ivanhoe				CWP_SHAO 7
MNPCA1	S002-262		w drain tile inlet l shaok s24 seq/neq/nwq, 7 mi sw ivanhoe				SHAOKATN 10

Ecoregion norms EX +Phosphorus EX 7/17[2]

<b>07020004-906</b>		<b>0.0</b>	<b>Unnamed creek (Lake Shaokatan Inlet)</b>		<b>Headwaters to Lk Shaokatan</b>		<b>2B, 3B</b>
MNPCA1	S002-263		e drain tile inlet l shaok. s24 seq/neq/nwq, 7 mi sw ivanhoe				SHAOKATN 19
MNPCA1	S002-263		e drain tile inlet l shaok. s24 seq/neq/nwq, 7 mi sw ivanhoe				CWP_SHAO 8

Ecoregion norms EX +Phosphorus EX 17/25[2]

<b>07020004-910</b>	<b>3A</b>	<b>0.5</b>	<b>Unnamed ditch</b>		<b>Driveway intersecting CSAH 1 to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S002-260		unn inlet l shaok. swq s32, 13 mi sw ivanhoe				SHAOKATN 19

Ecoregion norms EX +Phosphorus EX 9/17[1]

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Agency	Station		Location				Project
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**HUC: 07020005      DNR Major: 26      HUC NAME: CHIPPEWA RIVER**

07020005-501	5B	13.0	Chippewa River	Watson Sag to Minnesota R	2B, 3B
MNPCA1	S000-175		Chippewa River at bridge on mn-7 at montevideo		4
MNPCA1	S000-175		Chippewa River at bridge on mn-7 at montevideo	CHIPTMDL	14
MNPCA1	S002-966		chippewa r at rr brg in montevideo, mn	CHIPTMDL	5
MNPCA1	S002-966		chippewa r at rr brg in montevideo, mn		4

Aquatic life      IF      =pH FS 0/28[2] +Un-ionzed ammonia FS 2/19[2]  
 Aquatic recreation      IF      \$E. coli IF 0/4Ind 0/0mo  
 Ecoregion norms      EX      +NO2&NO3 EX 4/11[2]

07020005-503	5B	70.7	Chippewa River	Stowe Lk to Little Chippewa R	2B, 3B
MNPCA1	S001-860		chippewa r at cr 99, 3.5 mi w of kensington	CSMP	46
MNPCA1	S002-190		chippewa r at 140th st, 7 mi n of cyrus	CWP_CHIP	171
MNPCA1	S004-234		chippewa r, 200 yds s of mn-28, .1 mi e of cyrus	CSMP	16
MNPCA1	S005-268		chippewa r at lk jennie rd, 5 mi s of evansville	CSMP	23

Aquatic life      NS      DO12 -- 6/84[5] DO5\_All FS 6/67[5] DO7 FS 0/17[4] +DOFinal IF[[2]] \$Turbid\_TT\_TSS NS 63/128[8](63/128[8] 36/97[8] 1/54[2])  
 Aquatic recreation      NS      !!!E. coli NS 0/23Ind 1/2mo  
 Ecoregion norms      EX      <>NO2&NO3 EX 18/76[4] =Phosphorus EX 14/120[7]

07020005-504	4A	8.4	Chippewa River	Little Chippewa R to Unnamed cr	2B, 3B
MNPCA1	S002-192		chippewa r at csah-1, 6 mi ne of hancock	CSMP	64

Aquatic life      NS      !!!Turbid\_TT\_TSS NS 43/64[2](--/--[2] 43/64[2] --/--[2])

07020005-505	5B	22.5	Chippewa River	Unnamed cr to E Br Chippewa R	2B, 3B
MNPCA1	S001-862		chippewa r at cr 2, 3.5 mi e of hancock	CSMP	135
MNPCA1	S002-193		chippewa r at csah-22, 1 mi e of clontarf	CWP_CHIP	218
MPCAB	03MN009		Chippewa River; 4 mi. S.E. of Hancock, upstream of C.R. (?)	biocriteria	1
MPCAB	03MN010		Chippewa River; 1 mi. N.E. of Clontarf on C.R. 22 (upstream of bridge)	biocriteria	1
MPCAB	03MN010		Chippewa River; 1 mi. N.E. of Clontarf on C.R. 22 (upstream of bridge)	ref. ditches	1

Aquatic life      NS      DO12 -- 4/99[5] DO5\_9am FS 0/4[2] DO5\_All FS 4/77[5] DO7 FS 0/22[4] +DOFinal IF[[3]] \$Turbid\_TT\_TSS NS 98/158[8](98/158[8] 79/160[8] 31/62[2])  
 Aquatic recreation      NS      !!!E. coli NS 0/26Ind 2/3mo  
 Ecoregion norms      EX      =NO2&NO3 EX 35/95[5] <>Phosphorus OK 12/158[8]

07020005-506	4A	12.0	Chippewa River	E Br Chippewa R to Shakopee Cr	2B, 3B
MNPCA1	S000-383		chippewa r at n x-ing w/cr-75 1 mi sw of benson	CSMP	2
MNPCA1	S001-851		chippewa r, 1 mi s of cr-75, 3 mi sw of benson	CSMP	18
MNPCA1	S001-863		chippewa r at us-12, 1 mi w of benson	CSMP	2

Aquatic life      NS      !!!Turbid\_TT\_TSS NS 8/22[2](--/--[2] 8/22[2] --/--[2])

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020005-508</b>	<b>5B</b>	<b>9.2</b>	<b>Chippewa River</b>		<b>Cottonwood Cr to Dry Weather Cr</b>		<b>2B, 3B</b>
MNPCA1	S000-292		Chippewa River sh-40 e of milan				MDAWQMP 19
MNPCA1	S002-203		chippewa r, at mn-40, 5.5 mi e of milan				CWP_CHIP 238
Aquatic life	NS	DO12 -- 0/106[5]	DO5_9am FS 0/8[4]	DO5_All FS 0/82[5]	DO7 FS 0/24[4]	+DOFinal IF[[4]]	\$Turbid_TT_TSS NS 104/166[8](104/166[8] 25/41[7] 44/60[4])
Aquatic recreation	IF	\$E. coli IF 1/26Ind 0/2mo					
Ecoregion norms	EX	=NO2&NO3 EX 98/126[6] =Phosphorus EX 22/177[10]					

<b>07020005-509</b>	<b>4A</b>	<b>17.4</b>	<b>Dry Weather Creek</b>		<b>Headwaters to Chippewa R</b>		<b>2C</b>
MNPCA1	S002-204		Dry Weather Creek, at 85th ave nw, 4 mi ne of watson				CWP_CHIP 222
Aquatic life	NS	DO12 -- 4/98[5]	DO5_9am FS 1/16[5]	DO5_All FS 4/75[5]	DO7 FS 0/23[4]	+DOFinal IF[[4]]	!!!Turbid_TT_TSS NS 18/162[8](18/162[8] 9/32[7] 9/27[4])
Aquatic recreation	NS	!!!E. coli NS 0/24Ind 2/3mo					
Ecoregion norms	EX	=NO2&NO3 EX 73 95[4] <>Phosphorus EX 20/152[8]					

<b>07020005-511</b>	<b>3D</b>	<b>5.3</b>	<b>Cottonwood Creek</b>		<b>T120 R41W S21, west line to Chippewa R</b>		<b>1B, 2A, 3B</b>
MNPCA1	S002-202		cottonwood ck, swift/chippewa cty line 2.5 mi w big bend cty				CWP_CHIP 62
MPCAB	90MN011		Cottonwood Creek; east of CR 65, 5 mi SE of Holloway				mrap 1
Aquatic life	NS	DO12 -- 6/30[3]	DO5_9am FS 0/2[2]	DO5_All NS 6/27[3]	DO7 FS 0/3[1]	!!!DOFinal NS[[0]]	!!!Turbid_TT_TSS NS 7/55[4](7/55[4] 0/8[3] --/--[--])
Drinking Water	FS	+NO2&NO3 FS 0/20[2]					
Ecoregion norms	EX	+NO2&NO3 EX 12/20[2] =Phosphorus OK 0/36[3]					

<b>07020005-512</b>	<b>2</b>	<b>10.9</b>	<b>Shakopee Creek</b>		<b>Headwaters to T121 R36W S36, south line</b>		<b>2B, 3B</b>
MNPCA1	S001-861		shakopee ck at cr 29, 10.5 mi n of willmar				CSMP 66
MNPCA1	S002-209		shakopee ck s andrew rd at lk andrew olt 4.5 mi w new london				CWPSHKPE 107
MPCAB	03MN006		Shakopee Creek; 4.5 mi. West of New London, upstream of C.R. 40				biocriteria 1
Aquatic life	FS	=Turbid_TT_TSS FS 0/82[6](0/82[6] 0/90[9] 0/2[1])					
Aquatic recreation	IF	+E. coli IF 0/16Ind 0/0mo					
Ecoregion norms	OK	=NO2&NO3 OK 0/36[4] =Phosphorus OK 0/94[7]					

<b>07020005-514</b>	<b>5B</b>	<b>17.2</b>	<b>Chippewa River, East Branch</b>		<b>Mud Cr to Chippewa R</b>		<b>2B, 3B</b>
MNPCA1	S002-196		e br chippewa r @ mn-29, 1.5 mi ne of benson				CWP_CHIP 231
MNPCA1	S005-364		chippewa r, eb, at 15th ave ne, 2.5 mi n of benson				MDAWQMP 15
MPCAB	07MN041		Chippewa River, East Branch; Upstream of CR 78, 3 mi. N of Benson				ref. ditches 1
Aquatic life	NS	DO12 -- 3/104[5]	DO5_9am NS 1/5[3]	DO5_All FS 3/83[5]	DO7 FS 0/21[4]	!!!DOFinal NS[[2]]	\$Turbid_TT_TSS NS 49/151[8](49/151[8] 26/48[7] 34/62[4])
Aquatic recreation	NS	!!!E. coli NS 1/24Ind 1/2mo					
Ecoregion norms	EX	=NO2&NO3 EX 83 113[5] <>Phosphorus OK 12/164[10]					

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<b>07020005-515</b>	<b>2</b>	<b>47.0</b>	<b>Chippewa River, East Branch</b>	<b>Headwaters (Amelia Lk 61-0064-00) to Mud Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-854		e br chippewa r at 205th st brg, 2 3/4 mi nw of seden		CSMP 60
MNPCA1	S001-868		chippewa r, on csah-19, 2 mi s csah-10, 3 1/2 mi w gilchrist		CSMP 22
MPCAB	03MN012		East Branch Chippewa River; Swift Falls Co. Park		biocriteria 1

Aquatic life FS =Turbid\_TT\_TSS FS 0/81[5](0/1[1] 0/80[5] --/--[--])

<b>07020005-521</b>	<b>3A</b>	<b>1.9</b>	<b>Unnamed creek</b>	<b>Lk Emily to Chippewa R</b>	<b>2B, 3B</b>
MNPCA1	S003-768		lk emily outlet at 375th ave, 4.7 mi e of hancock, mn		CSMP 62
MNPCA1	S003-768		lk emily outlet at 375th ave, 4.7 mi e of hancock, mn		CWP_CHIP 42

Aquatic life NS DO12 -- 2 37[2] DO5\_All FS 1/25[2] DO7 FS 1/12[2] +DOFinal IF[[2]] !!!Turbid\_TT\_TSS NS 20/36[2](20/36[2] 46/68[4] --/--[--])

Aquatic recreation IF +E. coli IF 1/20Ind 0/1mo

Ecoregion norms EX +NO2&NO3 OK 0/40[2] +Phosphorus EX 2/17[1]

<b>07020005-523</b>	<b>3A</b>	<b>12.8</b>	<b>Outlet Creek</b>	<b>Lk Minnewaska to Lk Emily</b>	<b>2B, 3B</b>
MNPCA1	S000-898		outlet ck at csah-14 5 mi sw of starbuck		CWP_CHIP 45
MNPCA1	S000-928		outlet ck directly above starbuck wwtp discharge		SRCL/SAU 1
MNPCA1	S001-855		unn outlet from lk minnewaska at csah-29, 1/2 mi s starbuck		CSMP 20

Aquatic life NS DO12 -- 0/41[2] DO5\_9am FS 0/1[1] DO5\_All FS 0/28[2] DO7 FS 0/13[2] +DOFinal IF[[2]] !!!Turbid\_TT\_TSS NS 4/40[2](4/40[2] 0/25[3] --/--[--])

Aquatic recreation IF +E. coli IF 1/21Ind 0/1mo

Ecoregion norms EX +NO2&NO3 EX 13 43[2] +Phosphorus EX 3/20[1]

<b>07020005-530</b>	<b>5C</b>	<b>20.3</b>	<b>Little Chippewa River</b>	<b>Unnamed cr to Chippewa R</b>	<b>2B, 3B</b>
MNPCA1	S004-705		little chippewa r at mn-28, 4 mi w of starbuck		CWP_CHIP 44
MPCAB	03MN004		Little Chippewa River; 7 mi. W. of Starbuck, upstream of C.R. 1		biocriteria 1

Aquatic life NS DO12 -- 0/41[3] DO5\_All FS 0/28[3] DO7 FS 0/13[2] +DOFinal IF[[2]] !!!Turbid\_TT\_TSS NS 11/40[3](11/40[3] 1/5[2] --/--[--])

Aquatic recreation NS !!!E. coli NS 2/21Ind 1/2mo

Ecoregion norms EX +NO2&NO3 EX 23 43[3] +Phosphorus EX 5/21[2]

<b>07020005-536</b>	<b>3D</b>	<b>2.8</b>	<b>Unnamed creek</b>	<b>Unnamed lk through Devils Lk to Little Chippewa Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-856		unn outlet from big chippewa lk on csah-7, 2 mi ne brandon		CSMP 243
MNPCA1	S001-857		unn otlt devils lk, unn rd 1/2 mi e csah-16, 2 1/4 n brandon		CSMP 243

Aquatic life FS =Turbid\_TT\_TSS FS 0/247[7](--/--[--] 0/247[7] --/--[--])

<b>07020005-554</b>	<b>2</b>	<b>11.0</b>	<b>Mud Creek</b>	<b>CD 15 to E Br Chippewa R</b>	<b>2B, 3B</b>
MNPCA1	S001-865		mud ck, 1.5 mi e of csah 33, 14.5 mi ne of benson		CSMP 19
MNPCA1	S003-372		mud ck at csah-33, 10.2 mi ne of degraff, mn		CSMP 72
MNPCA1	S004-162		mud ck at csah-28, 8 mi nw of sunburg		CSMP 34
MPCAB	03MN013		Mud Creek; 10 mi. N.E. of Benson on C.R. 87 (Camp Kerk WMA)		biocriteria 1

Aquatic life FS =Turbid\_TT\_TSS FS 6/123[6](0/1[1] 6/122[5] --/--[--])

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<b>07020005-557</b>	<b>3B</b>	<b>20.3</b>	<b>Shakopee Creek</b>	<b>Swan Lk to Shakopee Lk</b>	<b>2C</b>
MNPCA1	S002-550		shakopee ck at us-12. 1 mi se of kerkhoven, mn		CSMP 168
MNPCA1	S004-738		shakopee cr at 120th st nw, 3.35 mi nw of pennock, mn		CSMP 41
MPCAB	07MN038		Shakopee Creek; Upstream of Kandi-Swift Rd, 3.5 mi. NW of Pennock		ref. ditches 1
MPCAB	07MN084		Shakopee Creek; Downstream of Kandi-Swift Rd, 3.5 mi. NW of Pennock		ref. ditches 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 63/207[6](0/2[1] 63/205[6] --/--[--])

<b>07020005-559</b>	<b>5B</b>	<b>13.1</b>	<b>Shakopee Creek</b>	<b>Shakopee Lk to Chippewa R</b>	<b>2C</b>
MNPCA1	S002-201		shakopee ck, at unn twnshp rd, 1 mi w mn-29, 8 mi s benson		CWP_CHIP 235
MNPCA1	S002-201		shakopee ck, at unn twnshp rd, 1 mi w mn-29, 8 mi s benson		MDAWQMP 15
MPCAB	03MN015		Shakopee Creek; 7.5 mi. S. of Benson [upstream of 20th(?) Ave.]		biocriteria 2

Aquatic life NS DO12 -- 7/104[5] DO5\_9am NS 1/5[3] DO5\_All FS 7/81[5] DO7 FS 0/23[4] !!!DOFinal NS[[3]] \$Turbid\_TT\_TSS NS 118/162[8](118/162[8] 28/33[6] 30/40[3])  
 Aquatic recreation NS !!!E. coli NS 3/26Ind 1/2mo  
 Ecoregion norms EX =NO2&NO3 EX 95/118[6] =Phosphorus EX 67/173[10]

<b>07020005-566</b>	<b>4A</b>	<b>1.9</b>	<b>Unnamed ditch (Judicial Ditch 29)</b>	<b>Headwaters to CD 29</b>	<b>2B, 3B</b>
MNPCA1	S002-206		jd #29 at cr-1 (inlet w norway lk, w side rd) 5 mi e sunburg		CWPSHKPE 144
Aquatic life	FS		=Turbid_TT_TSS FS 6/105[7](6/105[7] 3/36[7] 3/6[3])		
Aquatic recreation	NS		!!!E. coli NS 4/25Ind 1/3mo		
Ecoregion norms	EX		+NO2&NO3 EX 49/53[4] =Phosphorus EX 24/102[7]		

<b>07020005-567</b>	<b>4A</b>	<b>3.3</b>	<b>County Ditch 29</b>	<b>Headwaters to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S002-197		cd#29 (2nd culvert) on cr-1, 4 mi e of sunburg		CWPSHKPE 148
Aquatic life	NS		DO12 -- 5/23[3] DO5_9am NS 1/1[1] DO5_All NS 5/16[3] DO7 FS 0/7[1] !!!DOFinal NS[[1]] =Turbid_TT_TSS FS 5/106[7](5/106[7] 4/40[8] 1/4[2])		
Aquatic recreation	NS		!!!E. coli NS 2/23Ind 1/2mo		
Ecoregion norms	EX		+NO2&NO3 EX 53 54[4] =Phosphorus EX 50/105[7]		

<b>07020005-570</b>	<b>4A</b>	<b>2.6</b>	<b>County Ditch 27</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S002-198		cd#27 on cr-1 (to w norway lk), 5.4 mi se of sunburg		CWPSHKPE 148
MNPCA1	S002-198		cd#27 on cr-1 (to w norway lk), 5.4 mi se of sunburg		SNAKEWEP 1

Aquatic life NS DO12 -- 5/23[3] DO5\_All NS 5/15[2] DO7 FS 0/8[2] !!!DOFinal NS[[1]] !!!Turbid\_TT\_TSS NS 15/108[7](15/108[7] 8/38[7] 1/4[2])  
 Aquatic recreation NS !!!E. coli NS 5/26Ind 2/3mo  
 Ecoregion norms EX =NO2&NO3 EX 33 56[4] =Phosphorus EX 39/106[7]

<b>07020005-574</b>	<b>5C</b>	<b>2.2</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S001-866		unn str, 1 mi w of cr 33, 5.75 mi sw of kerkhoven		CSMP 42
Aquatic life	NS		\$Turbid_TT_TSS NS 6/42[2](--/--[--] 6/42[2] --/--[--])		

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
07020005-576	3B	7.0	Unnamed creek		Unnamed cr to Chippewa R	2B, 3B	
MNPCA1	S001-850		co. dt no. 21, 1 mi s of mn-40, 3 1/2 mi s of big bend city			CSMP	126
	Aquatic life	FS	<>Turbid_TT_TSS FS 12/126[7](--/--[ ] 12/126[7] --/--[ ])				
07020005-578	3A	2.1	Unnamed creek		Headwaters to Unnamed cr (Cottonwood Cr)	2B, 3B	
MNPCA1	S001-847		un trib to cottonwood ck, 1/4 mi n csah-38, 1 mi ne holloway			CANNRV-S	1
MNPCA1	S001-847		un trib to cottonwood ck, 1/4 mi n csah-38, 1 mi ne holloway			CSMP	1
	Aquatic recreation	IF	+E. coli IF 0/1Ind 0/0mo				
07020005-579	3D	2.3	County Ditch 3		CD 7 to Chippewa R	2B, 3B	
MNPCA1	S001-864		County Ditch 3 at us-12, 4 mi w of benson			CSMP	2
MNPCA1	S003-507		County Ditch #3 (jd #9) at cr-75 bridge, 4 mi sw of benson			CWP_CHIP	63
	Aquatic life	NS	DO12 -- 0/28[2] DO5_All FS 0/25[2] DO7 FS 0/3[1] +DOFinal IF[[0]] !!!Turbid_TT_TSS NS 7/53[3](7/53[3] 1/11[4] 0/2[1])				
	Ecoregion norms	EX	+NO2&NO3 EX 12/20[1] =Phosphorus OK 1/35[2]				
07020005-581	3D	1.5	Hoplin Creek		Little Chippewa Lk to Stowe Lk	2B, 3B	
MNPCA1	S001-867		un outlt from little chippewa lk, on cr-108, 2 mi n brandon			CSMP	314
	Aquatic life	FS	=Turbid_TT_TSS FS 0/314[7](--/--[ ] 0/314[7] --/--[ ])				
07020005-594	3A	1.2	Spring Creek (County Ditch 10A)		T117 R40W S5, north line to Minnesota R	2C	
MNPCA1	S002-205		spring ck at mn-29, 1/2 mi n of montevideo			CWP_CHIP	39
	Aquatic life	FS	+Turbid_TT_TSS FS 2/36[3](2/36[3] 1/3[2] --/--[ ])				
	Ecoregion norms	EX	+Phosphorus EX 5/39[3]				
07020005-621	3D	5.1	Spring Creek		Headwaters to Mud Cr	2B, 3B	
MNPCA1	S003-373		spring ck at unn st 10 mi ne of degraff, mn			CSMP	46
	Aquatic life	FS	=Turbid_TT_TSS FS 1/46[4](--/--[ ] 1/46[4] --/--[ ])				
07020005-628	3A	4.9	Trapper Run Creek		Strandness Lk to Pelican Lk	2B, 3B	
MNPCA1	S001-858		trapper run ck at 260th ave culvert, 4 mi w of glenwood			CSMP	157
	Aquatic life	FS	+Turbid_TT_TSS FS 13/157[7](--/--[ ] 13/157[7] --/--[ ])				
07020005-633	3A	1.2	Unnamed creek		Holleque Lk to Lk Venus	2B, 3B	
MNPCA1	S004-338		unnamed str, holleque lk outlet, 6 mi sw of brandon, mn			CSMP	48
	Aquatic life	FS	+Turbid_TT_TSS FS 1/48[2](--/--[ ] 1/48[2] --/--[ ])				
07020005-634	3A	0.8	Unnamed creek		Quam Lk to Lk Venus	2B, 3B	
MNPCA1	S004-339		unnamed str, quam lk outlet, 6.3 mi sw of brandon, mn			CSMP	54
	Aquatic life	FS	+Turbid_TT_TSS FS 1/54[3](--/--[ ] 1/54[3] --/--[ ])				

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

<b>07020005-901</b>	<b>5C</b>	<b>0.1</b>	<b>Unnamed creek (Freeborn Lake Inlet)</b>	<b>to Freeborn Lk</b>	<b>2B, 3B</b>		
MNPCA1	S001-771		unn inlet to freeborn lk, 3.6 mi ne of kensington		CSMP	41	
	Aquatic life	NS	\$Turbid_TT_TSS NS 8/41[3](--/--[3] 8/41[3] --/--[3])				
<b>07020005-903</b>	<b>3D</b>	<b>0.1</b>	<b>Unnamed creek</b>	<b>Little Freeborn Lk to Freeborn Lk</b>	<b>2B, 3B</b>		
MNPCA1	S001-770		unn inlet to freeborn lk, 4 mi ne of kensington		CSMP	53	
	Aquatic life	FS	=Turbid_TT_TSS FS 1/53[4](--/--[4] 1/53[4] --/--[4])				
<b>07020005-904</b>	<b>2</b>	<b>0.2</b>	<b>Unnamed creek</b>	<b>Henschien Lk to Lk Andrew</b>	<b>2B, 3B</b>		
MNPCA1	S002-208		unn olt from henchien lk at cr-38, 5 mi w of new london		CWPSHKPE	98	
	Aquatic life	FS	=Turbid_TT_TSS FS 0/71[6](0/71[6] 0/26[6] 0/2[1])				
	Aquatic recreation	IF	+E. coli IF 0/3Ind 0/0mo				
	Ecoregion norms	OK	<>NO2&NO3 OK 0/23[3] =Phosphorus OK 0/82[7]				
<b>07020005-917</b>	<b>2</b>	<b>1.1</b>	<b>Unnamed creek (Huse Creek)</b>	<b>to Norway Lk</b>	<b>2B, 3B</b>		
MNPCA1	S002-207		huse ck, cr-404 (62nd st), inlet to norway lk 5 mi e sunburg		CWPSHKPE	124	
	Aquatic life	FS	=Turbid_TT_TSS FS 3/98[7](3/98[7] 0/25[7] 0/2[1])				
	Aquatic recreation	NS	!!!E. coli NS 2/20Ind 1/3mo				
	Ecoregion norms	EX	+NO2&NO3 EX 19/46[4] =Phosphorus OK 4/94[7]				
<b>07020005-923</b>	<b>3D</b>	<b>0.3</b>	<b>Unnamed creek (Lake Blackwell Inlet)</b>	<b>Kron Lks to Blackwell Lk</b>	<b>2B, 3B</b>		
MNPCA1	S001-768		spirits ck at blackwell lk inlet, 1 mi sw of holmes city		CSMP	96	
	Aquatic life	FS	=Turbid_TT_TSS FS 5/95[4](--/--[4] 5/95[4] --/--[4])				

**HUC: 07020006**      **DNR Major: 27**      **HUC NAME: REDWOOD RIVER**

<b>07020006-501</b>	<b>5B</b>	<b>4.1</b>	<b>Redwood River</b>	<b>Ramsey Cr to Minnesota R</b>	<b>2B, 3B</b>		
MNPCA1	S000-299		redwood r at bridge on csah-101 at north redwood		CWP_RWR	35	
MNPCA1	S000-299		redwood r at bridge on csah-101 at north redwood			14	
MNPCA1	S000-299		redwood r at bridge on csah-101 at north redwood		MILE	45	
MNPCA1	S000-299		redwood r at bridge on csah-101 at north redwood		RNC	4	
MNPCA1	S004-602		redwood r 1 mi nw of redwood falls, mn		CSMP	13	
MPCAB	92MN049		Redwood River; in Ramsey park, N of Redwood Falls		mrsp	1	
	Aquatic life	NS	DO12 -- 2 51[7] DO5_9am FS 0/3[2] DO5_All FS 2/31[5] DO7 FS 0/20[7] +DOFinal IF[[2]] =pH FS 1/98[7] \$Turbid_TT_TSS NS 27/51[7](27/51[7] 8/14[2] --/--[3]) +Un-ionized ammonia FS 0/36[7]				
	Aquatic recreation	NS	!!!E. coli NS 4/58Ind 3/6mo				
	Ecoregion norms	EX	=BOD5 EX 3/20[4] =NO2&NO3 EX 15/42[7] =Phosphorus EX 21/47[7]				

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment



AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020006-502	5B	28.2	Redwood River	T111 R42W S33, west line to Threemile Cr	2B, 3B
MNPCA1	S001-199		redwood r at cr-73, 3.5 miles se of green valley		CWP_RWR 30
MNPCA1	S001-201		redwood r at mn-23, 1 mile south of green valley		RWRTMDL 5
MNPCA1	S001-203		redwood r at twp rd nr cr67 .5 mi ne of marshall		RWRTMDL 10
MNPCA1	S001-203		redwood r at twp rd nr cr67 .5 mi ne of marshall		SULDIS 3
MNPCA1	S002-185		redwood r at bridge on csah-33, 3/4 mi ne of marshall		RWRTMDL 10
MNPCA1	S003-702		redwood r at brg 225th ave (off mn-19), 2 mi sw of marshall		CWP_RWR 30
MNPCA1	S003-702		redwood r at brg 225th ave (off mn-19), 2 mi sw of marshall		SULDIS 3
MPCAB	92MN030		Redwood River; downstream of CR 74		mrp 1
MPCAB	92MN031		Redwood River; just above treatment plant, upstream of CR 33		mrp 1
MPCAB	92MN032		Redwood River; below Marshall wastewater treatment plant		UMN research 1
MPCAB	92MN033		Redwood River; 4-5 mi NE of Marshall, at bend in road (CR 9)		mrp 1

Aquatic life NS \$Chloride NS 4/29[3] =pH FS 0/28[4] +Un-ionzed ammonia FS 0/25[2]  
 Aquatic recreation NS !!!E. coli NS 2/30Ind 5/6mo  
 Ecoregion norms EX +NO2&NO3 EX 8/10[2] +Phosphorus EX 10/11[3]

07020006-503	5B	29.5	Redwood River	Threemile Cr to Clear Cr	2B, 3B
MNPCA1	S004-299		redwood r at csah-10, 1/2 mi se of vesta		CSMP 21
MPCAB	92MN038		Redwood River; upstream of Co Rd 8		mrp 2
MPCAB	92MN041		Redwood River; upstream of Co Rd 56		mrp 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 16/24[2](1/3[1] 15/21[1] --/--[--])

07020006-504	5A	51.9	Threemile Creek	Headwaters to Redwood R	2B, 3B
MNPCA1	S002-313		three mile ck at cr-67, 1 mi no of green valley		CWP_RWR 147
MNPCA1	S002-313		three mile ck at cr-67, 1 mi no of green valley		MDAWQMP 12
MNPCA1	S004-285		threemile ck at 230th ave, 3 mi ne of ghent, mn		CSMP 43
MPCAB	03MN037		Three Mile Creek; 8 mi. W. of Marshall on C.R. 15		biocriteria 1
MPCAB	92MN034		Three Mile Creek; upstream of unpaved road		UMN research 1
MPCAB	92MN036		Three Mile Creek; upstream of Co Rd 67 bridge		UMN research 1

Aquatic life NS DO12 -- 1/77[6] DO5\_9am FS 0/5[2] DO5\_All FS 1/60[6] DO7 FS 0/17[4] +DOFinal IF[[2]] =pH FS 0/132[6] \$Turbid\_TT\_TSS NS 35/81[6](35/81[6] 7/46[5] 43/80[5])  
 Aquatic recreation NS !!!E. coli NS 0/35Ind 5/6mo  
 Ecoregion norms EX =NO2&NO3 EX 99/123[9] =Phosphorus EX 21/126[10]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020006-506</b>	<b>5C</b>	<b>25.3</b>	<b>Clear Creek</b>	<b>Headwaters to Redwood R</b>	<b>2B, 3B</b>
MNPCA1	S001-700		clear ck at csah 5, 3.5 mi nw of lucan		CSMP 197
MNPCA1	S002-311		clear ck cr-56, 1/3 mi upst conflu redwd r, ne edge seaforth		CWP_RWR 118
MPCAB	07MN071		Clear Creek; Downstream of CR 5. 3 mi. NW of Lucan		ref. ditches 1
MPCAB	92MN042		Clear Creek; alongside unpaved road		UMN research 1
MPCAB	92MN043		Clear Creek; downstream of township road		UMN research 1

Aquatic life NS DO12 -- 9/74[6] DO5\_9am FS 1/12[4] DO5\_All NS 9/59[6] DO7 FS 0/15[4] !!!DOFinal NS[[3]] =pH FS 0/128[6] !!!Turbid\_TT\_TSS NS 19/78[6](19/78[6] 10/198[8] 20/70[5])

Aquatic recreation IF \$E. coli IF 0/8Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 44/68[5] =Phosphorus EX 24/119[10]

<b>07020006-509</b>	<b>5B</b>	<b>14.0</b>	<b>Redwood River</b>	<b>Clear Cr to Redwood Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-679		redwood r at csah-17, 3 miles sw of redwood falls		LOADSTDY 6
MNPCA1	S001-679		redwood r at csah-17, 3 miles sw of redwood falls		RNC 4
MNPCA1	S001-679		redwood r at csah-17, 3 miles sw of redwood falls		MDAWQMP 13
MNPCA1	S001-679		redwood r at csah-17, 3 miles sw of redwood falls		CWP_RWR 192
MNPCA1	S001-679		redwood r at csah-17, 3 miles sw of redwood falls		CSMP 13
MPCAB	92MN044		Redwood River; upstream of Co Rd 6		mrmap 1
MPCAB	92MN045		Redwood River; downstream of Co Rd 17		UMN research 1

Aquatic life NS +Chloride FS 0/5[1] DO12 -- 1/115[7] DO5\_9am FS 1/30[6] DO5\_All FS 1/67[7] DO7 FS 0/48[6] +DOFinal IF[[6]] =pH FS 0/196[7] \$Turbid\_TT\_TSS NS 66/118[7](66/118[7] 7/20[5] 76/110[6])

Aquatic recreation NS !!!E. coli NS 2/34Ind 3/6mo

Ecoregion norms EX =NO2&NO3 EX 88/175[10] =Phosphorus EX 116/181[10]

<b>07020006-510</b>	<b>5B</b>	<b>3.4</b>	<b>Redwood River</b>	<b>Coon Cr to T110 R42W S20, north line</b>	<b>2B, 3B</b>
MNPCA1	S000-696		redwood r at csah-15 in russell		CWP_RWR 89
MNPCA1	S000-696		redwood r at csah-15 in russell		MDAWQMP 8

Aquatic life NS DO12 -- 0/54[6] DO5\_9am FS 0/2[1] DO5\_All FS 0/44[6] DO7 FS 0/10[4] +DOFinal IF[[1]] =pH FS 0/96[6] !!!Turbid\_TT\_TSS NS 11/55[6](11/55[6] 0/1[1] 1/18[2])

Aquatic recreation NS !!!E. coli NS 1/35Ind 5/6mo

Ecoregion norms EX =NO2&NO3 EX 46/64[7] =Phosphorus OK 1/68[8]

<b>07020006-511</b>	<b>5A</b>	<b>37.7</b>	<b>Coon Creek</b>	<b>Lk Benton to Redwood R</b>	<b>2B, 3B</b>
MNPCA1	S001-615		Coon Creek at co rd 10 brg, 3 mi sw of arco		CSMP 112
MPCAB	01MN057		Coon Creek; N of CR 66, approx. 5 mi NW of Russell		EMAP 2
MPCAB	92MN027		Coon Creek; upstream of Co Rd 113		UMN research 2

Aquatic life FS <>Turbid\_TT\_TSS FS 10/116[9](3/4[2] 7/112[9] --/--[--])

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

<b>07020006-512</b>	<b>3A</b>	<b>6.3</b>	<b>Judicial Ditch 12 (Tyler Creek)</b>	<b>CD 14 to Redwood R</b>	<b>7</b>
MNPCA1	S002-315		jd # 12 (tyler creek) at mn-23, 1 mi n of florence		CWP_RWR 30
MPCAB	92MN023		Tyler Creek; upstream of Hwy 23		UMN research 2

Limited Use Waters    NS    !!!E. coli NS 1/30Ind 1/6mo

**HUC: 07020007      DNR Major: 28      HUC NAME: MINN R-Mankato**

<b>07020007-501</b>	<b>5B</b>	<b>6.3</b>	<b>Minnesota River</b>	<b>Shahaska Cr to Rogers Cr</b>	<b>2B, 3B</b>
MCES	Minnesota River 89.7		Minnesota River at Hwy-99 Bridge in St Peter		111
MNPCA1	S000-041		Minnesota River at bridge on mn-22 at st. peter	MILE	40
MNPCA1	S000-041		Minnesota River at bridge on mn-22 at st. peter	CSMP	142
MNPCA1	S000-041		Minnesota River at bridge on mn-22 at st. peter		14
MNPCA1	S000-041		Minnesota River at bridge on mn-22 at st. peter	MDAQMP	1
MNPCA1	S004-130		minnesota r at mn-99 in st. peter, mn	MNRIVER	126
MNPCA1	S004-130		minnesota r at mn-99 in st. peter, mn	MERCLKS/	2
MPCAB	05MN008		Minnesota River; 1.2 miles down stream of highway 99 bridge inSt. Peter	methods comparison	1

Aquatic life      NS      =Chloride FS 0/109[6] DO12 -- 0/41[8] DO5\_9am FS 0/1[1] DO5\_All FS 0/24[6] DO7 FS 0/17[6] +DOFinal IF[[1]] =pH FS 1/78[8] \$Turbid\_TT\_TSS NS 168/245[11](168/245[11] 123/143[6] 35/54[1]) +Un-ionized ammonia FS 0/31[8]

Aquatic recreation      NS      !!!E. coli NS 3/53Ind 2/6mo

Ecoregion norms      EX      =BOD5 EX 7/14[4] =NO2&NO3 EX 97/103[9] =Phosphorus EX 108/150[9]

<b>07020007-502</b>	<b>5B</b>	<b>17.0</b>	<b>Minnesota River</b>	<b>Blue Earth R to Shahaska Cr</b>	<b>2B, 3B</b>
MPCAB	03MN087		Minnesota River; Seven Mile Creek County Park		biocriteria 1
MPCAB	03MN090		Minnesota River; In Mankato at Mouth of Blue Earth River		biocriteria 1

Aquatic life      IF      =pH FS 0/10[3]

<b>07020007-503</b>	<b>5B</b>	<b>7.9</b>	<b>Minnesota River</b>	<b>Cottonwood R to Little Cottonwood R</b>	<b>2B, 3B</b>
MNPCA1	S000-054		minnesota r csah-24 bridge, 1 mi s of courtland	MILE	46
MNPCA1	S000-054		minnesota r csah-24 bridge, 1 mi s of courtland		14
MNPCA1	S000-054		minnesota r csah-24 bridge, 1 mi s of courtland	MERCLKS/	2
MNPCA1	S003-906		mn r 1.3 mi s of us-14, 3 mi se of new ulm, mn	CSMP	31
MPCAB	01MN065		Minnesota River; approx. 2 mi upstream of CR 42, 1 mi. SW of Courtland	EMAP	1

Aquatic life      NS      DO12 -- 0/44[7] DO5\_All FS 0/26[4] DO7 FS 0/18[7] +DOFinal IF[[0]] =pH FS 2/86[7] \$Turbid\_TT\_TSS NS 38/46[7](38/46[7] 27/32[3] --/--[--]) +Un-ionized ammonia FS 0/35[7]

Aquatic recreation      IF      +E. coli IF 1/28Ind 0/1mo

Ecoregion norms      EX      =BOD5 EX 2/12[3] <>NO2&NO3 EX 8/38[7] =Phosphorus EX 3/29[6]

**Basin: MN**

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Reach Description</b>	<b>Use Class</b>	<b>Date Printed: 3/4/2009</b>
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]			#Sample Dates

<b>07020007-504</b>	<b>5B</b>	<b>3.2</b>	<b>Minnesota River</b>	<b>Minneopa Cr to Blue Earth R</b>	<b>2B, 3B</b>		
MNPCA1	S004-160		mn r at boat landing, upstr memories park so shore, mankato			CSMP	69

Aquatic life      NS      !!!Turbid\_TT\_TSS NS 51/69[3](-/--[--] 51/69[3] --/--[--])

<b>07020007-505</b>	<b>5B</b>	<b>8.6</b>	<b>Minnesota River</b>	<b>Swan Lk outlet to Minneopa Cr</b>	<b>2B, 3B</b>	
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MCES	Minnesota River 120		Minnesota River at Co Rd 42 Bridge in Judson				122
MNPCA1	S001-759		minnesota r at csah 42 at judson			MNRIVER	89
MNPCA1	S001-759		minnesota r at csah 42 at judson			MERCLKS/	1
MNPCA1	S001-759		minnesota r at csah 42 at judson			CSMP	58
MNPCA1	S001-759		minnesota r at csah 42 at judson			MDAWQMP	164
MPCAB	03MN091		Minnesota River; Downstream of Judson			biocriteria	1
MPCAB	05MN007		Minnesota River; 2 mi. downstream of Judson			methods comparison	1

Aquatic life      NS      =Chloride FS 0/120[6] \$Turbid\_TT\_TSS NS 97/185[9](97/185[9] 55/69[5] 42/70[5])

Aquatic recreation      NS      !!!E. coli NS 2/23Ind 1/2mo

Ecoregion norms      EX      +NO2&NO3 EX 88/240[10] +Phosphorus EX 42/254[10]

<b>07020007-508</b>	<b>5B</b>	<b>20.0</b>	<b>Minnesota River</b>	<b>Eightmile Cr to Cottonwood R</b>	<b>2B, 3B</b>	
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MNPCA1	S005-294		minnesota r just w of csah-37 brg in new ulm			CMB	12
MNPCA1	S005-295		minnesota r at a culvert, .25 mi w of csah-37 brg in new ulm			CMB	9
MPCAB	01MN050		Minnesota River; approx. 2 mi upstream of CR 14			EMAP	1
MPCAB	05MN006		Minnesota River; @ New Ulm.			methods comparison	1

Aquatic recreation      IF      +E. coli IF 0/12Ind 0/0mo

<b>07020007-514</b>	<b>5B</b>	<b>9.3</b>	<b>Minnesota River</b>	<b>Beaver Cr to Birch Coulee</b>	<b>2B, 3C</b>	
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MNPCA1	S000-145		minnesota r bridge on us-71 and mn-19 at morton			RNC	3
MNPCA1	S000-145		minnesota r bridge on us-71 and mn-19 at morton			LOADSTDY	43
MNPCA1	S000-145		minnesota r bridge on us-71 and mn-19 at morton			MILE	45
MNPCA1	S000-145		minnesota r bridge on us-71 and mn-19 at morton				14
MNPCA1	S000-145		minnesota r bridge on us-71 and mn-19 at morton			MDAWQMP	1
MPCAB	03MN092		Minnesota River; Downstream of Redwood Falls, Upstream of U.S. 71			biocriteria	1

Aquatic life      NS      +Chloride FS 0/42[2] DO12 -- 0/88[9] DO5\_9am FS 0/34[3] DO5\_All FS 0/60[7] DO7 FS 0/28[9] +DOFinal FS[[2]] =pH FS 1/172[9] \$Turbid\_TT\_TSS NS 64/87[9](64/87[9] 6/6[4] --/--[--]) +Un-ionzed ammonia FS 0/77[9]

Aquatic recreation      FS      +E. coli FS 1/28Ind 0/0mo

Ecoregion norms      EX      =BOD5 EX 2/15[3] =NO2&NO3 OK 4/84[10] <>Phosphorus OK 4/76[9]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020007-515	5A	83.8	Little Cottonwood River	Headwaters to Minnesota R	2B, 3B
MNPCA1	S001-377		little Cottonwood River 2 mi nw of cambria, mn		CSMP 40
MNPCA1	S001-377		little Cottonwood River 2 mi nw of cambria, mn		MIDDLEMN 24
MNPCA1	S001-377		little Cottonwood River 2 mi nw of cambria, mn		CWPLCOTT 142
MNPCA1	S001-377		little Cottonwood River 2 mi nw of cambria, mn		MDAWQMP 14
MNPCA1	S002-399		l cottonwood r at mn-71, 4 mi e of jeffers, mn		CWPLCOTT 28
MNPCA1	S002-400		l cottonwood r at csah-22, 6 mi nw of hanska, mn		CWPLCOTT 27
MNPCA1	S002-401		l cottonwood r at csah-10, 7 mi w of comfrey, mn		CWPLCOTT 46
MNPCA1	S004-609		little cottonwood r at apple rd, 1.6 mi s of courtland, mn		CSMP 11
MNPCA1	S004-616		little cottonwood r at csah 13, 5.5 mi ssw of new ulm, mn		CSMP 19
MPCAB	91MN056		Little Cottonwood River; upstream of Co Rd 2		mrmap 1

Aquatic life NS DO12 -- 4/81[8] DO5\_9am NS 1/3[2] DO5\_All FS 3/51[8] DO7 FS 1/30[8] !!!DOFinal NS[[3]] =pH FS 7/218[10] \$Turbid\_TT\_TSS NS 38/58[5](38/58[5] 73/156[10] 43/60[7])

Aquatic recreation NS !!!E. coli NS 12/57Ind 5/6mo

Ecoregion norms EX =NO2&NO3 EX 56/72[6] =Phosphorus EX 29/176[11]

07020007-516	5A	6.3	County Ditch 46A	Headwaters to Sevenmile Cr	2B, 3B
MNPCA1	S002-936		cty dtch 46a dwst of csah-13, 6 mi sw of st. peter		CSMP 57
MNPCA1	S002-936		cty dtch 46a dwst of csah-13, 6 mi sw of st. peter		CWPSEVEN 131
MNPCA1	S002-936		cty dtch 46a dwst of csah-13, 6 mi sw of st. peter		MIDDLEMN 24
MNPCA1	S003-515		co dt 46a at 411th avenue, 5 mi e of nicollet, mn		CSMP 60
MPCAB	91MN059		County Ditch 46A; upstream of township road 186, 6 mi E. of St. Peter		mrmap 1

Aquatic life NS DO12 -- 0/47[4] DO5\_9am FS 0/2[2] DO5\_All FS 0/29[4] DO7 FS 0/18[3] +DOFinal IF[[3]] +pH FS 2/88[4] \$Turbid\_TT\_TSS NS 21/89[6](21/89[6] 16/100[5] 18/42[4])

Aquatic recreation NS !!!E. coli NS 10/56Ind 4/6mo

Ecoregion norms EX =NO2&NO3 EX 101/120[7] =Phosphorus EX 22/147[9]

07020007-522	3A	18.9	Eightmile Creek	Headwaters to Minnesota R	2C
MNPCA1	S004-348		eightmile cr at csah-5, 8 mi nw of new ulm, mn		CSMP 43
MNPCA1	S004-509		eightmile cr at 366th st, 2.5 mi nw of st. george, mn		CSMP 65

Aquatic life NS !!!Turbid\_TT\_TSS NS 18/107[3](--/--[3] 18/107[3] --/--[3])

07020007-524	3B	28.3	Fort Ridgley Creek and County Ditch 10	Headwaters to Minnesota R	2B, 3B
MNPCA1	S001-408		fort ridgley ck at Unknown cr brg 3.5 mi ssw of fairfax		CSMP 328

Aquatic life NS !!!Turbid\_TT\_TSS NS 34/328[9](--/--[9] 34/328[9] --/--[9])

07020007-530	3A	8.8	Morgan Creek	JD 10 to Minnesota R	2C
MNPCA1	S004-281		morgan ck at mn-68, .5 mi nw of cambria, mn		CSMP 49

Aquatic life NS !!!Turbid\_TT\_TSS NS 5/49[2](--/--[2] 5/49[2] --/--[2])

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07020007-531</b>	<b>3B</b>	<b>7.2</b>	<b>Minneopa Creek</b>		<b>Headwaters to Lily Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-469		minneopa ck .4 mi n of csah-6. .8 mi nw of Lake Crystal, mn			CSMP	133
Aquatic life	NS		!!!Turbid_TT_TSS NS 48/133[6](--/--[ ] 48/133[6] --/--[ ])				
<b>07020007-534</b>	<b>5C</b>	<b>7.5</b>	<b>Minneopa Creek</b>		<b>T108 R28W S23, south line to Minnesota R</b>	<b>2B, 3B</b>	
MNPCA1	S001-985		minneopa cr at minneopa state pk, 4 mi w of mankato, mn			CSMP	313
Aquatic life	NS		\$Turbid_TT_TSS NS 62/313[7](--/--[ ] 62/313[7] --/--[ ])				
<b>07020007-557</b>	<b>3A</b>	<b>8.3</b>	<b>County Ditch 56 (Lake Crystal Inlet)</b>		<b>Headwaters to Lk Crystal</b>	<b>2B, 3B</b>	
MNPCA1	S001-983		cd 56 at csah-9 in s end of Lake Crystal, mn			CSMP	19
MNPCA1	S001-983		cd 56 at csah-9 in s end of Lake Crystal, mn			C-L-M	20
MNPCA1	S001-983		cd 56 at csah-9 in s end of Lake Crystal, mn			CRYSTL-L	24
Aquatic life	NS		!!!Turbid_TT_TSS NS 16/37[2](16/37[2] 6/24[3] 0/2[1])				
Aquatic recreation	NS		!!!E. coli NS 4/33Ind 3/4mo				
Ecoregion norms	EX		+NO2&NO3 EX 35/44[2] +Phosphorus EX 9/43[2]				
<b>07020007-558</b>	<b>3D</b>	<b>1.4</b>	<b>Unnamed creek (Glenwood Ave Creek)</b>		<b>Headwaters to Division St</b>	<b>2B, 3B</b>	
MNPCA1	S001-305		glenwood ave ck at pohl rd in mankato			CSMP	6
MNPCA1	S003-813		glenwood ck off monks ave in mankato, mn			CSMP	51
Aquatic life	FS		=Turbid_TT_TSS FS 1/57[2](--/--[ ] 1/57[2] --/--[ ])				
<b>07020007-562</b>	<b>5A</b>	<b>5.2</b>	<b>Sevenmile Creek</b>		<b>T109 R27W S4, north line to Minnesota R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S002-466		7 mi ck at 7 mi ck park, 5.3 mi sw of saint peter, mn			CSMP	106
MNPCA1	S002-937		sevenmile ck in sevenmile ck cty pk, 5.5 mi sw of st. peter			CWPSEVEN	185
MNPCA1	S002-937		sevenmile ck in sevenmile ck cty pk, 5.5 mi sw of st. peter			MIDDLEMN	26
MNPCA1	S002-937		sevenmile ck in sevenmile ck cty pk, 5.5 mi sw of st. peter			CSMP	58
MNPCA1	S003-706		seven mile ck in sevenmile ck cty park, 6 mi sw of st peter			MDAWQMP	98
MNPCA1	S003-706		seven mile ck in sevenmile ck cty park, 6 mi sw of st peter				1
MNPCA1	S003-706		seven mile ck in sevenmile ck cty park, 6 mi sw of st peter			CWPSEVEN	1
Aquatic life	NS		DO12 -- 1/52[3] DO5_9am FS 0/5[3] DO5_All FS 1/32[3] DO7 FS 0/20[3] +DOFinal IF[[3]] +pH FS 4/80[4] \$Turbid_TT_TSS NS 53/93[5](53/93[5] 28/228[8] 23/49[11])				
Aquatic recreation	NS		!!!E. coli NS 9/60Ind 4/6mo				
Drinking Water	NS		!!!NO2&NO3 NS 197/300[11]				
Ecoregion norms	EX		=NO2&NO3 EX 253 300[11] =Phosphorus EX 48/229[11]				

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020007-564</b>	<b>5A</b>	<b>1.3</b>	<b>Sevenmile Creek</b>		<b>CD 13A to CD 46A</b>		<b>2B, 3B</b>
MNPCA1	S002-934		sevenmile ck dwst of mn-99, 6 mi sw of st. peter				MIDDLEMN 23
MNPCA1	S002-934		sevenmile ck dwst of mn-99, 6 mi sw of st. peter				CWPSEVEN 136
Aquatic life	NS	DO12 -- 3/46[3] DO5_All NS 3/27[3] DO7 FS 0/19[3] !!!DOFinal NS[[2]] +pH FS 2/86[3] \$Turbid_TT_TSS NS 14/88[5](14/88[5] 6/45[5] 8/52[6])					
Aquatic recreation	NS	!!!E. coli NS 9/56Ind 4/6mo					
Ecoregion norms	EX	=NO2&NO3 EX 95/123[9] =Phosphorus EX 30/156[11]					
<b>07020007-598</b>	<b>5C</b>	<b>1.1</b>	<b>Unnamed ditch</b>		<b>Unnamed cr to underground pipe</b>		<b>2B, 3B</b>
MNPCA1	S003-632		rasmussen ck at rasmussen woods rd, 1.3 mi s of munkato, mn				CSMP 11
MNPCA1	S003-632		rasmussen ck at rasmussen woods rd, 1.3 mi s of munkato, mn				INDIANCK 47
Aquatic life	NS	!!!Turbid_TT_TSS NS 46/105[3](--/--[--] 4/11[1] 42/94[2])					
Ecoregion norms	EX	=Phosphorus EX 24/46[2]					
<b>07020007-600</b>	<b>5C</b>	<b>2.8</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S003-637		indian ck at indian ck rd, 2.4 mi sw of munkato, minnesota				INDIANCK 40
Aquatic life	NS	!!!Turbid_TT_TSS NS 36/80[2](--/--[--] --/--[--] 36/80[2])					
Ecoregion norms	EX	=Phosphorus EX 20/39[2]					
<b>07020007-602</b>	<b>5C</b>	<b>0.9</b>	<b>Unnamed creek</b>		<b>Headwaters to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S003-636		unn trib to indian ck at 200th st, 2.7 mi s of munkato, mn				INDIANCK 43
Aquatic life	NS	!!!Turbid_TT_TSS NS 11/86[2](--/--[--] --/--[--] 11/86[2])					
Ecoregion norms	EX	=Phosphorus EX 12/42[2]					
<b>07020007-603</b>	<b>5C</b>	<b>0.7</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S003-634		stony ck at stoltzman dr, 2.1 mi s of munkato, minnesota				INDIANCK 45
Aquatic life	NS	!!!Turbid_TT_TSS NS 24/88[2](--/--[--] --/--[--] 24/88[2])					
Ecoregion norms	EX	=Phosphorus EX 13/43[2]					
<b>07020007-604</b>	<b>5C</b>	<b>1.8</b>	<b>Unnamed creek</b>		<b>Headwaters to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S003-635		unn trib to indian ck at monks ave, 2.4 mi sse of munkato mn				INDIANCK 53
Aquatic life	NS	!!!Turbid_TT_TSS NS 20/106[2](--/--[--] --/--[--] 20/106[2])					
Ecoregion norms	EX	=Phosphorus EX 23/53[2]					

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MN**      **Reach Description**      **Use Class**      **Date Printed: 3/4/2009**  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

<b>07020007-637</b>	<b>2.4</b>	<b>Unnamed creek (Sevenmile Creek Tribut</b>	<b>Headwaters to T109 R27W S15, north line</b>	<b>2B, 3B</b>
MNPCA1	S002-464	co dt 24 at timber lane, 5.5 mi nw of mankato, mn		CSMP 57
MNPCA1	S002-464	co dt 24 at timber lane, 5.5 mi nw of mankato, mn		CWPSEVEN 36
MNPCA1	S002-464	co dt 24 at timber lane, 5.5 mi nw of mankato, mn		MIDDLEMN 18

Aquatic life      NS      DO12 -- 0/40[3]    DO5\_9am FS 0/2[2]    DO5\_All FS 0/26[3]    DO7 FS 0/14[3]    +DOFinal IF[[2]]    +pH FS 2/76[3]    !!!Turbid\_TT\_TSS NS 7/51[3](7/51[3] 1/56[4] 0/4[2])  
 Aquatic recreation      NS      !!!E. coli NS 7/30Ind 3/3mo  
 Ecoregion norms      EX      +NO2&NO3 EX 42/52[3]    +Phosphorus EX 7/53[3]

<b>07020007-902</b>	<b>3B</b>	<b>0.4</b>	<b>Unnamed creek (Duck Lake Inlet)</b>	<b>to Duck Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-752	unn trib to duck lk, .5 mi n of madison, mn			CSMP 34

Aquatic life      NS      !!!Turbid\_TT\_TSS NS 14/34[7](--/--[ ] 14/34[7] --/--[ ])

**HUC: 07020008      DNR Major: 29      HUC NAME: COTTONWOOD RIVER**

<b>07020008-501</b>	<b>5B</b>	<b>24.1</b>	<b>Cottonwood River</b>	<b>JD 30 to Minnesota R</b>	<b>2B, 3B</b>
MNPCA1	S000-139	cottonwood r at mn-15, 0.5 mi se of new ulm			MERCLKS/ 1
MNPCA1	S000-139	cottonwood r at mn-15, 0.5 mi se of new ulm			MILE 45
MNPCA1	S000-139	cottonwood r at mn-15, 0.5 mi se of new ulm			14
MNPCA1	S000-139	cottonwood r at mn-15, 0.5 mi se of new ulm			RNC 4
MNPCA1	S001-395	cottonwood r in flandrau state park in s new ulm			CSMP 12
MNPCA1	S001-918	cottonwood r near mn-68 and cottonwood st in new ulm. mn			MDAWQMP 12
MNPCA1	S001-918	cottonwood r near mn-68 and cottonwood st in new ulm. mn			COTTONWD 202
MNPCA1	S001-918	cottonwood r near mn-68 and cottonwood st in new ulm. mn			LOADSTDY 6
MNPCA1	S003-788	cottonwood r at cottonwood st in new ulm, mn			CSMP 80

Aquatic life      NS      +Chloride FS 0/5[1]    DO12 -- 0/181[10]    DO5\_9am FS 0/1[1]    DO5\_All FS 0/110[9]    DO7 FS 0/71[10]    +DOFinal IF[[7]]    =pH FS 1/322[10]    \$Turbid\_TT\_TSS NS 106/169[9](106/169[9] 46/116[9] 62/86[5])    +Un-ionzed ammonia FS 0/37[8]  
 Aquatic recreation      NS      !!!E. coli NS 7/59Ind 2/6mo  
 Ecoregion norms      EX      =BOD5 EX 5 20[4]    =NO2&NO3 EX 120/218[10]    =Phosphorus EX 40/217[10]



AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07020008-504</b>	<b>5B</b>	<b>13.4</b>	<b>Cottonwood River</b>	<b>Plum Cr to Dutch Charlie Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-921		cottonwood r at csah 7 br, 3.1 mi ne of revere, mn		COTTONWD 10
MNPCA1	S002-247		cottonwood r at us-14 brg, 1 mi ne of lamberton		COTTONWD 161
MNPCA1	S004-607		cottonwood r at cr-76, 1.75 mi e of lamberton, mn		CSMP 31

Aquatic life NS DO12 -- 0/98[7] DO5\_9am FS 0/2[1] DO5\_All FS 0/77[7] DO7 FS 0/21[5] +DOFinal IF[[3]] =pH FS 0/164[7] \$Turbid\_TT\_TSS NS 48/93[6](48/93[6] 9/40[6] 73/92[5])

Aquatic recreation NS !!!E. coli NS 2/35Ind 4/6mo

Ecoregion norms EX =NO2&NO3 EX 74/127[9] =Phosphorus EX 18/146[10]

<b>07020008-508</b>	<b>5B</b>	<b>23.9</b>	<b>Cottonwood River</b>	<b>Coal Mine Cr to Sleepy Eye Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-920		cottonwood r at csah 8 br, 0.4 mi n of leavenworth, mn		COTTONWD 158
MPCAB	01MN034		Cottonwood River; Downstream Cr 8, approx 8mi SW of Sleepy Eye		EMAP 1

Aquatic life NS DO12 -- 0/91[8] DO5\_All FS 0/72[8] DO7 FS 0/19[5] +DOFinal IF[[2]] =pH FS 0/158[7] \$Turbid\_TT\_TSS NS 54/87[7](54/87[7] 3/8[4] 59/82[5])

Aquatic recreation NS !!!E. coli NS 4/35Ind 6/6mo

Ecoregion norms EX =NO2&NO3 EX 72/118[9] =Phosphorus EX 19/134[10]

<b>07020008-512</b>	<b>5A</b>	<b>51.8</b>	<b>Sleepy Eye Creek</b>	<b>Headwaters to Cottonwood R</b>	<b>2B, 3B</b>
MNPCA1	S001-919		sleepy eye cr at csah 8 br, 2.2 mi n of leavenworth, mn		COTTONWD 156
MNPCA1	S005-378		sleepy eye ck at 320th ave, 5.5 mi sw of sleepy eye		MDAWQMP 15
MPCAB	03MN032		Sleepy Eye Creek; 2 mi. N.W. of Leavenworth on C.R. 8		biocriteria 1
MPCAB	07MN072		Sleepy Eye Creek; Upstream of Porter Ave, 3.5 mi. N of Springfield		ref. ditches 1

Aquatic life NS DO12 -- 0/89[7] DO5\_All FS 0/71[7] DO7 FS 0/18[5] +DOFinal IF[[2]] =pH FS 0/154[7] \$Turbid\_TT\_TSS NS 22/87[6](22/87[6] 2/7[3] 53/80[5])

Aquatic recreation NS !!!E. coli NS 4/35Ind 6/6mo

Ecoregion norms EX =NO2&NO3 EX 96/134[9] =Phosphorus EX 23/135[10]

<b>07020008-515</b>	<b>3A</b>	<b>10.9</b>	<b>Meadow Creek</b>	<b>Headwaters to Cottonwood R</b>	<b>2B, 3B</b>
MNPCA1	S001-917		meadow ck at csah 11 br, 8 mi n of tracy, mn		COTTONWD 30

Aquatic recreation NS !!!E. coli NS 4/30Ind 6/6mo

<b>07020008-516</b>	<b>5A</b>	<b>34.1</b>	<b>Plum Creek (Judicial Ditch 20A)</b>	<b>Headwaters to Cottonwood R</b>	<b>2B, 3B</b>
MNPCA1	S001-699		plum ck, 2.7 mi ne of walnut grove		CSMP 183
MNPCA1	S001-913		Plum Creek at csah 10 br, 4.75 mi ne of walnut grove, mn		COTTONWD 151
MPCAB	07MN085		Judicial Ditch 20A; Upstream of CR 22, 4 mi. S of Tracy		ref. ditches 1

Aquatic life NS DO12 -- 4/87[7] DO5\_9am NS 2/4[3] DO5\_All FS 4/71[7] DO7 FS 0/16[4] !!!DOFinal NS[[2]] =pH FS 0/146[7] \$Turbid\_TT\_TSS NS 36/81[6](36/81[6] 28/195[8] 40/66[5])

Aquatic recreation NS !!!E. coli NS 4/34Ind 6/6mo

Ecoregion norms EX =NO2&NO3 EX 76/113[9] =Phosphorus EX 26/123[10]

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020008-517</b>	<b>5A</b>	<b>7.3</b>	<b>Dutch Charlie Creek</b>		<b>Highwater Cr to Cottonwood R</b>	<b>2B, 3B</b>	
MNPCA1	S001-915		dutch charley ck at csah 15 br, 2 mi se of lamberton, mn			COTTONWD	51
MPCAB	03MN034		Dutch Charley Creek; 2.5 mi. E. of lamberton			biocriteria	1
Aquatic life	NS		\$Turbid_TT_TSS NS 15/31[3](3/13[2] --/--[--] 12/18[1])				
Aquatic recreation	NS		!!!E. coli NS 6/30Ind 6/6mo				
Ecoregion norms	EX		=NO2&NO3 EX 9/12[2] =Phosphorus EX 2/12[3]				
<b>07020008-518</b>	<b>5A</b>	<b>39.5</b>	<b>Dutch Charlie Creek</b>		<b>Headwaters to Highwater Cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-703		dutch charley ck at csah 10, 7 mi ne of westbrook			CSMP	77
MNPCA1	S004-879		dutch charley ck at csah-6, 1/2 mi s of lamberton			COTTONWD	12
MPCAB	03MN023		Dutch Charley Creek; 5 mi. N.E. of Wesbrook on C.R. 10			biocriteria	1
MPCAB	03MN035		Dutch Charley Creek; 2 mi. W. of Westbrook, site S. of C.R. 76			biocriteria	1
Aquatic life	NS		\$Turbid_TT_TSS NS 53/91[6](3/14[2] 50/77[4] --/--[--])				
<b>07020008-519</b>	<b>2</b>	<b>33.1</b>	<b>Highwater Creek</b>		<b>Double Lk outlet to Dutch Charlie Cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-608		highwater cr, 1.7 mi se of lamberton, mn			CSMP	32
MPCAB	01MN056		Highwater Creek; upstream of CR 10			EMAP	1
MPCAB	90MN063		Highwater Creek; just north of Hwy 10 in Cottonwood Cty Park			mrapp	1
Aquatic life	NS		!!!Turbid_TT_TSS NS 4/34[3](0/2[1] 4/32[2] --/--[--])				
<b>07020008-521</b>	<b>2</b>	<b>25.1</b>	<b>Mound Creek</b>		<b>Headwaters to Cottonwood R</b>	<b>2B, 3B</b>	
MNPCA1	S001-701		mound ck at csah 3 brg, .4 mi nw of dotson			CSMP	19
MPCAB	03MN033		Mound Creek; South of Dotson on C.R. 3 to stream crossing			biocriteria	1
MPCAB	91MN067		Mound Creek; 1/4 mile north of RR tracks, upstream of road, 4 mi SW of Springfield			mrapp	1
Aquatic life	NS		!!!Turbid_TT_TSS NS 17/21[2](0/1[1] 17/20[2] --/--[--])				
<b>07020008-524</b>	<b>3A</b>	<b>17.2</b>	<b>Lone Tree Creek</b>		<b>T109 R39W S7, west line to Cottonwood R</b>	<b>7</b>	
MNPCA1	S001-914		lone tree ck at csah 5 br, 5.4 mi n of walnut grove, mn			COTTONWD	30
Limited Use Waters	NS		!!!E. coli NS 9/30Ind 2/6mo				
<b>07020008-533</b>	<b>3A</b>	<b>10.8</b>	<b>Judicial Ditch 30</b>		<b>E Br JD 30 to T110 R33W S36, east line</b>	<b>2B, 3B</b>	
MNPCA1	S004-153		jd #30 at csah-27, 1 mi w of sleepy eye			CSMP	64
Aquatic life	NS		!!!Turbid_TT_TSS NS 31/64[3](--/--[--] 31/64[3] --/--[--])				
<b>07020008-535</b>	<b>3B</b>	<b>10.0</b>	<b>Pell Creek</b>		<b>Headwaters to T109 R38W S29, east line</b>	<b>2B, 3B</b>	
MNPCA1	S001-702		pell ck, 10.5 mi n of westbrook			CSMP	97
Aquatic life	NS		!!!Turbid_TT_TSS NS 17/97[4](--/--[--] 17/97[4] --/--[--])				

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07020008-547	3A	4.0	Judicial Ditch 9	Unnamed cr to Unnamed cr	2B, 3B
MNPCA1	S003-798		jd-9 at aspen ave, 6 mi nw of walnut grove, mn		CSMP 64
Aquatic life	FS		+Turbid_TT_TSS FS 0/64[3](--/--[ ] 0/64[3] --/--[ ])		

**HUC: 07020009 DNR Major: 30 HUC NAME: BLUE EARTH RIVER**

07020009-501	5B	3.3	Blue Earth River	Le Sueur R to Minnesota R	2B, 3B
MNPCA1	S000-134		Blue Earth River in sibley park at munkato		MERCLKS/ 1
MNPCA1	S000-134		Blue Earth River in sibley park at munkato		MILE 45
MNPCA1	S000-134		Blue Earth River in sibley park at munkato		RNC 4
MNPCA1	S000-134		Blue Earth River in sibley park at munkato		CSMP 92
MNPCA1	S000-134		Blue Earth River in sibley park at munkato		14

Aquatic life NS DO12 -- 0/46[7] DO5\_All FS 0/29[4] DO7 FS 0/17[7] +DOFinal IF[[0]] =pH FS 1/92[7] \$Turbid\_TT\_TSS NS 34/49[7](34/49[7] 47/92[3] --/--[ ]) +Un-ionized ammonia FS 0/36[7]

Aquatic recreation NS !!!E. coli NS 3/28Ind 0/1mo

Ecoregion norms EX =BOD5 EX 3/20[4] =NO2&NO3 EX 20/40[7] =Phosphorus EX 6/40[7]

07020009-502	5B	47.8	Elm Creek	Cedar Cr to Blue Earth R	2B, 3B
MNPCA1	S001-028		Elm Creek br at csah-149, 4.5 mi ne of northrop		CNTRELM 7
MNPCA1	S001-949		elm cr at csah 53, 4.35 mi n of granada, mn		CSMP 79
MNPCA1	S002-476		elm ck on Unknown rd (1 mi no csah-10), 2 mi sw of winnebago		CSMP 36
MNPCA1	S003-022		Elm Creek at 260th ave - 4 mi ne northrup		CNTRELM 25
MNPCA1	S003-025		Elm Creek at 290th ave - 4.5 mi ne of granada		CNTRELM 235
MNPCA1	S004-080		elm cr at csah-27, 4.5 mi w of trimont		CSMP 1
MNPCA1	S004-080		elm cr at csah-27, 4.5 mi w of trimont		CROWRW-S 6
MPCAB	03MN063		Elm Creek; 4.5 mi E. of Trimont on C.R. 27 (E. side of bridge)		biocriteria 1
MPCAB	03MN065		Elm Creek; 6-7 mi W. of Winnebago at C.R. 159		biocriteria 1

Aquatic life NS DO12 -- 1/185[7] DO5\_9am FS 0/3[1] DO5\_All FS 1/140[6] DO7 FS 0/45[6] +DOFinal IF[[5]] =pH FS 0/366[8] \$Turbid\_TT\_TSS NS 17/27[3](17/27[3] 209/312[9] 10/34[2]) +Un-ionized ammonia FS 0/118[5]

Aquatic recreation NS !!!E. coli NS 3/53Ind 5/6mo

Ecoregion norms EX =NO2&NO3 EX 95/173[6] =Phosphorus OK 9/208[8]

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<b>07020009-503</b>	<b>5B</b>	<b>29.4</b>	<b>Center Creek</b>	<b>Lily Cr to Blue Earth R</b>	<b>2B, 3B</b>
MNPCA1	S000-291		center ck between s34/35, 1 mile ne of fairmont		CNTRELM 25
MNPCA1	S000-291		center ck between s34/35, 1 mile ne of fairmont		MILE 44
MNPCA1	S000-291		center ck between s34/35, 1 mile ne of fairmont		12
MNPCA1	S003-024		Center Creek at 315th avenue - 1 mi s of huntley		CNTRELM 242
MPCAB	92MN083		Center Creek; above Fairmont treatment plant, E of North Ave at the N end of Fairmont		mrmap 1
MPCAB	92MN084		Center Creek; upstream of 230th Ave, 2 mi E of Fairmont		mrmap 1

Aquatic life NS DO12 -- 5/260[9] DO5\_9am FS 0/5[3] DO5\_All FS 2/188[8] DO7 FS 3/72[9] +DOFinal IF[[6]] =pH FS 0/510[9] \$Turbid\_TT\_TSS NS 26/51[7](26/51[7] 119/206[7] 35/74[3]) \$Un-ionized ammonia NS 4/158[8]

Aquatic recreation NS !!!E. coli NS 7/77Ind 5/7mo

Ecoregion norms EX =BOD5 EX 5 12[3] =NO2&NO3 EX 110/219[10] =Phosphorus EX 62/248[9]

<b>07020009-504</b>	<b>5B</b>	<b>6.3</b>	<b>Blue Earth River</b>	<b>W Br Blue Earth R to Coon Cr</b>	<b>2B, 3B</b>
MNPCA1	S000-135		Blue Earth River at csah-4, 4 mi s of blue earth		RNC 8
MNPCA1	S000-135		Blue Earth River at csah-4, 4 mi s of blue earth		CSMP 23
MPCAB	00MN001		Blue Earth River; downstream of C.R. 4, 4 mi S. of Blue Earth		nutrients 1

Aquatic life NS +pH FS 1/18[1] \$Turbid\_TT\_TSS NS 14/32[2](3/9[1] 11/23[1] --/--[--])

<b>07020009-505</b>	<b>5B</b>	<b>6.7</b>	<b>Judicial Ditch 3</b>	<b>Headwaters to Elm Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-950		jd no 3 at csah 53, 3.3 mi n of granada, mn		CSMP 81
MNPCA1	S003-021		Judicial Ditch #3 at 170th st. - 2.5 e of northrup		CNTRELM 25

Aquatic life FS DO12 -- 2 25[2] DO5\_9am FS 0/1[1] DO5\_All FS 2/25[2] \$DOFinal IF[[0]] =pH FS 0/34[2] =Turbid\_TT\_TSS FS 7/106[6](1/6[1] 6/100[6] --/--[--]) +Un-ionized ammonia FS 0/9[2]

<b>07020009-507</b>	<b>5B</b>	<b>37.1</b>	<b>Blue Earth River</b>	<b>Willow Cr to Watonwan R</b>	<b>2B, 3B</b>
MNPCA1	S001-327		blue earth r at csah-34, 2.5 miles sw of rapidan		CSMP 41
MNPCA1	S001-327		blue earth r at csah-34, 2.5 miles sw of rapidan		RNC 16
MPCAB	00MN005		Blue Earth River; east of Garden City, upstream of CR 34 bridge		nutrients 1

Aquatic life NS =pH FS 0/30[2] \$Turbid\_TT\_TSS NS 43/57[6](11/16[3] 32/41[4] --/--[--])

Ecoregion norms EX =BOD5 EX 4/15[2] =NO2&NO3 EX 7/17[3] =Phosphorus EX 4/16[3]

<b>07020009-508</b>	<b>5B</b>	<b>10.9</b>	<b>Blue Earth River</b>	<b>E Br Blue Earth R to South Cr</b>	<b>2B, 3B</b>
MNPCA1	S000-469		blue earth r at csah-8 2 mi nw of blue earth		RNC 16
MPCAB	00MN002		Blue Earth River; downstream of C.R. 8, 2 mi N. of Blue Earth		nutrients 1

Aquatic life IF =pH FS 0/34[2]

Ecoregion norms EX =BOD5 OK 1/16[2] =NO2&NO3 EX 8/17[2] =Phosphorus OK 1/17[2]

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Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				
<b>07020009-509</b>	<b>5B</b>	<b>8.9</b>	<b>Blue Earth River</b>		<b>Rapidan Dam to Le Sueur R</b>	<b>2B, 3B</b>	
MCES	Blue Earth River 12		Blue Earth River at Dam in Rapidan TWP				118
MNPCA1	S001-231		Blue Earth River 150 ft dnst of rapidan dam				MNRIVER 121
MNPCA1	S001-231		Blue Earth River 150 ft dnst of rapidan dam				BLUEARTH 1
MNPCA1	S001-231		Blue Earth River 150 ft dnst of rapidan dam				MERCLKS/ 2
MNPCA1	S005-379		blue earth r, .25 mi n of csah-9, 2 mi w of rapidan				MDAWQMP 178
Aquatic life	NS	=Chloride FS 0/114[6] \$Turbid_TT_TSS NS 121/239[11](121/239[11] 8/11[3] 12/22[5])					
Aquatic recreation	IF	\$. coli IF 0/17Ind 0/1mo					
Ecoregion norms	EX	+NO2&NO3 EX 180/249[10] +Phosphorus EX 68/295[10]					
<b>07020009-514</b>	<b>4A</b>	<b>2.3</b>	<b>Blue Earth River</b>		<b>Center Cr to Elm Cr</b>	<b>2B, 3B</b>	
MNPCA1	S000-523		blue earth r at csah-10 1.5 mi s of winnebago				RNC 7
MNPCA1	S000-523		blue earth r at csah-10 1.5 mi s of winnebago				CSMP 33
Aquatic life	NS	+pH FS 0/14[1] !!!Turbid_TT_TSS NS 21/36[3](1/2[1] 20/34[3] --/--[--])					
<b>07020009-515</b>	<b>5B</b>	<b>25.8</b>	<b>Blue Earth River</b>		<b>Elm Cr to Willow Cr</b>	<b>2B, 3B</b>	
MNPCA1	S000-522		blue earth r at csah-12 1 mi w of winnebago				RNC 16
MNPCA1	S001-302		blue earth r at sh-30, 3 mi w of amboy				CSMP 18
MNPCA1	S001-302		blue earth r at sh-30, 3 mi w of amboy				RNC 30
MNPCA1	S002-478		blue earth r, 1 mi. w of us-169, 5 mi. no. of winnebago				CSMP 19
MPCAB	00MN003		Blue Earth River; upstream of C.R. 12, 1 mi E. of Winnebago				nutrients 1
MPCAB	00MN004		Blue Earth River; upstream of Hwy 30				nutrients 1
Aquatic life	NS	=Chloride FS 0/6[1] DO12 -- 0/31[4] DO5_9am FS 0/5[2] DO5_All FS 0/31[4] +DOFinal IF[0] =pH FS 0/62[4] \$Turbid_TT_TSS NS 25/30[4](25/30[4] 20/36[1] 1/2[1])					
Ecoregion norms	EX	=BOD5 EX 9/30[4] =NO2&NO3 EX 20/47[4] =Phosphorus EX 6/31[4]					
<b>07020009-518</b>	<b>5B</b>	<b>3.3</b>	<b>Blue Earth River</b>		<b>Coon Cr to Badger Cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-378		blue earth r at w 14th st, 0.2 mi sw of blue earth, mn				CSMP 263
Aquatic life	NS	\$Turbid_TT_TSS NS 61/263[4](--/--[--] 61/263[4] --/--[--])					
<b>07020009-521</b>	<b>5B</b>	<b>8.9</b>	<b>Cedar Creek</b>		<b>Cedar Lk to Elm Cr</b>	<b>2C</b>	
MNPCA1	S000-671		cedar run at road btn s34/35 2.5 mi e of trimont				CNTRELM 25
Aquatic life	NS	DO12 -- 2 25[2] DO5_9am NS 1/1[1] DO5_All FS 2/25[2] +DOFinal IF[0] =pH FS 0/34[2] \$Turbid_TT_TSS NS 17/25[2](3/4[1] 14/21[2] --/--[--])					
<b>07020009-522</b>	<b>5B</b>	<b>26.8</b>	<b>Elm Creek</b>		<b>S Fk Elm Cr to Cedar Cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-020		Elm Creek at 185th st. - 2.5 mi e of trimont				CNTRELM 25
Aquatic life	NS	=pH FS 0/30[2] \$Turbid_TT_TSS NS 22/25[2](4/4[1] 18/21[2] --/--[--])					

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<b>07020009-523</b>	<b>3A</b>	<b>15.0</b>	<b>Elm Creek</b>		<b>Headwaters to S Fk Elm Cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-217		elm ck at 890th st (1/8 mi w cr-28-29), 8 mi w of trimont			JACKSONS	45
Aquatic life	NS		!!!Turbid_TT_TSS NS 7/45[8](7/45[8] --/--[--] --/--[--])				
Aquatic recreation	IF		+E. coli IF 0/7Ind 0/0mo				
Ecoregion norms	OK		+Phosphorus OK 0/45[8]				
<b>07020009-524</b>	<b>3A</b>	<b>13.1</b>	<b>Elm Creek, South Fork</b>		<b>T103 R34W S30, west line to T103 R34W S1, north line</b>	<b>2C</b>	
MNPCA1	S004-218		elm ck sf at 870th/cсах-26 (1/4 mi w cr-29) 8 mi w trimont			JACKSONS	43
Aquatic life	NS		!!!Turbid_TT_TSS NS 8/43[7](8/43[7] --/--[--] --/--[--])				
Aquatic recreation	IF		+E. coli IF 0/7Ind 0/0mo				
Ecoregion norms	OK		+Phosphorus OK 1/43[7]				
<b>07020009-525</b>	<b>5B</b>	<b>16.2</b>	<b>Lily Creek</b>		<b>Headwaters (Fox Lk 46-0109-00) to Center Cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-001		Lily Creek at hunt farm - n border of fairmont			CNTRELM	25
MNPCA1	S003-934		lily ck n of 140th street, 3.7 mi nw of fairmont, mn			CSMP	19
Aquatic life	NS		=pH FS 0/36[2] \$Turbid_TT_TSS NS 22/44[3](5/6[1] 17/38[3] --/--[--]) +Un-ionzed ammonia FS 0/8[2]				
<b>07020009-526</b>	<b>4A</b>	<b>0.9</b>	<b>Center Creek</b>		<b>George Lk to Lily Cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-023		Center Creek at george lk. dam - fairmont			CNTRELM	22
Aquatic life	IF		=pH FS 1/32[2] +Un-ionzed ammonia FS 0/7[2]				
<b>07020009-527</b>	<b>5B</b>	<b>5.4</b>	<b>Dutch Creek</b>		<b>Headwaters to Hall Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-332		dutch ck at csah-39 br in fairmont, mn			CSMP	16
MNPCA1	S001-610		dutch ck at lair rd, 2 mi sw of fairmont			CSMP	35
MNPCA1	S003-000		Dutch Creek at 100th st. - 0.5 miles w of fairmont			CNTRELM	242
MNPCA1	S003-000		Dutch Creek at 100th st. - 0.5 miles w of fairmont			MDAWQMP	32
MPCAB	07MN078		Dutch Creek; Upstream of 170th Ave, 3.5 mi. SW of Fairmont			ref. ditches	1
Aquatic life	NS		DO12 -- 0/151[6] DO5_9am FS 0/1[1] DO5_All FS 0/114[5] DO7 FS 0/37[5] +DOFinal IF[[3]] =pH FS 0/348[7] \$Turbid_TT_TSS NS 47/311[9](0/1[1] 33/228[8] 14/82[4]) +Un-ionzed ammonia FS 0/112[5]				
Aquatic recreation	NS		!!!E. coli NS 18/53Ind 4/6mo				
Ecoregion norms	EX		=NO2&NO3 EX 146/196[9] =Phosphorus OK 13/217[9]				
<b>07020009-535</b>	<b>3B</b>	<b>0.2</b>	<b>Unnamed creek</b>		<b>Unnamed lk (Mud Lk 46-0035-00) to Amber Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-333		Mud Creek at csah-20 in fairmont, mn			CSMP	26
Aquatic life	NS		!!!Turbid_TT_TSS NS 20/26[2](--/--[--] 20/26[2] --/--[--])				
<b>07020009-552</b>	<b>3A</b>	<b>15.7</b>	<b>Coon Creek</b>		<b>Headwaters to Blue Earth R</b>	<b>2B, 3B</b>	
MNPCA1	S000-533		coon ck at n/s road in s29 1 mi s of blue earth			CSMP	23
Aquatic life	NS		!!!Turbid_TT_TSS NS 4/23[2](--/--[--] 4/23[2] --/--[--])				

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<b>07020009-553</b>	<b>5A</b>	<b>36.9</b>	<b>Blue Earth River, East Branch</b>		<b>Brush Cr to Blue Earth R</b>	<b>2C, 3C</b>	
MNPCA1	S002-470		blue earth r, e br, at n e street in blue earth, mn			CSMP	138
MPCAB	01MN064		East Branch Blue Earth River; upstream of road, 3 mi E. of Blue Earth			EMAP	1
Aquatic life	NS		\$Turbid_TT_TSS NS 85/139[6](0/1[1] 85/138[5] --/--[--])				
<b>07020009-554</b>	<b>5A</b>	<b>22.9</b>	<b>Blue Earth River, East Branch</b>		<b>Headwaters to Brush Cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-477		e br blue earth r @ csah-16 brg #22592, 4 mi nw walters, mn			CSMP	150
MPCAB	01MN054		East Branch Blue Earth River; upstream of CR 31			EMAP	1
Aquatic life	NS		\$Turbid_TT_TSS NS 101/151[6](0/1[1] 101/150[5] --/--[--])				
<b>07020009-560</b>	<b>5B</b>	<b>11.2</b>	<b>Cedar Creek</b>		<b>T104 R33W S6, west line to Cedar Lk</b>	<b>2C</b>	
MNPCA1	S001-027		Cedar Run Creek br at csah-9, 4 mi nw of trimont			CNTRELM	25
MNPCA1	S003-002		Cedar Run Creek at 60th avenue - 1.5 mi nw of trimont			CNTRELM	4
Aquatic life	NS		DO12 -- 1/25[2] DO5_9am NS 1/3[2] DO5_All FS 1/25[2] \$DOFinal IF[[0]] =pH FS 0/36[2] +Un-ionzed ammonia FS 0/10[2]				
<b>07020009-565</b>	<b>5B</b>	<b>1.5</b>	<b>Blue Earth River</b>		<b>Badger Cr to E Br Blue Earth R</b>	<b>2B, 3B</b>	
MNPCA1	S002-471		blue earth r at csah-16. .6 mi w of blue earth, mn			CSMP	214
Aquatic life	NS		\$Turbid_TT_TSS NS 63/214[5](--/--[--] 63/214[5] --/--[--])				
<b>07020009-566</b>	<b>2</b>	<b>2.8</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Willow Cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-428		willow ck at unn rd .3 mi s of mn-30 1 mi sw of willow ck mn			LWRMAPLE	1
MNPCA1	S002-428		willow ck at unn rd .3 mi s of mn-30 1 mi sw of willow ck mn			CSMP	67
Aquatic life	FS		=Turbid_TT_TSS FS 2/68[4](0/1[1] 2/67[3] --/--[--])				
<b>07020009-571</b>	<b>3B</b>	<b>8.1</b>	<b>Judicial Ditch 13 Branch A</b>		<b>MN/IA border to JD 13</b>	<b>2B, 3B</b>	
MNPCA1	S003-445		jd-13 e of mn-254, 5.5 mi s of frost, mn			CSMP	186
MPCAB	07MN061		Judicial Ditch 13A; Upstream of 450th Ave. 4 mi. SW of Frost			ref. ditches	1
Aquatic life	NS		!!!Turbid_TT_TSS NS 46/186[4](0/1[1] 46/185[4] --/--[--])				
<b>07020009-592</b>	<b>3A</b>	<b>1.2</b>	<b>Unnamed creek</b>		<b>Unnamed cr to MN/IA border</b>	<b>2B, 3B</b>	
MNPCA1	S003-831		south ck at 10th st, 10 mi s of fairmont, mn			CSMP	54
Aquatic life	FS		+Turbid_TT_TSS FS 0/54[2](--/--[--] 0/54[2] --/--[--])				

HUC: 07020010

DNR Major: 31

HUC NAME: WATONWAN RIVER

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020010-501	5B	17.9	Watonwan River	Perch Cr to Blue Earth R	2B, 3B
MNPCA1	S000-163		watonwan r br on csah-13, 1 mi w of garden city		MILE 45
MNPCA1	S000-163		watonwan r br on csah-13, 1 mi w of garden city		14
MNPCA1	S000-163		watonwan r br on csah-13, 1 mi w of garden city		CSMP 12
MNPCA1	S000-163		watonwan r br on csah-13, 1 mi w of garden city		CWPWATON 334
MNPCA1	S000-163		watonwan r br on csah-13, 1 mi w of garden city		MDAWQMP 1
MNPCA1	S000-163		watonwan r br on csah-13, 1 mi w of garden city		RNC 4
MNPCA1	S000-163		watonwan r br on csah-13, 1 mi w of garden city		MERCLKS/ 1
MNPCA1	S000-402		watonwan r at csah-20 3.5 mi sw of madelia		CSMP 45
MNPCA1	S001-574		watonwan r, 2 mi sw of garden city		CSMP 220
MNPCA1	S001-750		watonwan r on main st in garden city, mn		CSMP 157
MPCAB	03MN068		Watonwan River; 1.5 mi W. of Garden City on C.R. 13		biocriteria 1

Aquatic life NS DO12 -- 0/47[7] DO5\_9am FS 0/1[1] DO5\_All FS 0/30[5] DO7 FS 0/17[7] +DOFinal IF[[0]] =pH FS 1/96[7] \$Turbid\_TT\_TSS NS 201/360[10](201/360[10] 112/311[8] 23/26[3]) +Un-ionized ammonia FS 0/35[7]

Aquatic recreation NS !!!E. coli NS 13/109Ind 6/7mo

Ecoregion norms EX =BOD5 OK 0/20[4] =NO2&NO3 EX 183 274[10] =Phosphorus EX 62/369[10]

07020010-510	5C	16.1	Watonwan River	S Fk Watonwan R to Perch Cr	2B, 3B
MNPCA1	S003-443		watonwan r 1200 yards dnst of jd-7. 1.5 mi se of madelia		CSMP 138
MNPCA1	S003-444		watonwan r 400 yards dnst of jd-7. 1.2 mi se of madelia, mn		CSMP 147
MNPCA1	S003-832		watonwan r 0.2 mi s of csah-3, in madelia, mn		CSMP 89

Aquatic life NS \$Turbid\_TT\_TSS NS 96/218[5](--[--] 96/218[5] --[--])

07020010-511	5B	7.5	Watonwan River	Butterfield Cr to S Fk Watonwan R	2B, 3B
MNPCA1	S002-254		watonwan r on unn road, 1 mi w of cr-6, 3.5 mi se of lasalle		CWPWATON 61
MPCAB	01MN052		Watonwan River; downstream of CR 16, 5 mi W of Madelia		EMAP 1

Aquatic life NS \$Turbid\_TT\_TSS NS 19/50[3](19/50[3] --[--] 23/24[2])

Ecoregion norms EX =NO2&NO3 EX 45/62[3] =Phosphorus EX 18/62[3]

07020010-512	5B	8.8	Watonwan River	N Fk Watonwan R to Butterfield Cr	2B, 3B
MNPCA1	S002-253		watonwan r on cr-16, 1 mi se of lasalle		CWPWATON 60

Aquatic life NS \$Turbid\_TT\_TSS NS 18/48[3](18/48[3] --[--] 21/24[2])

Ecoregion norms EX =NO2&NO3 EX 49/60[3] =Phosphorus OK 3/60[3]

07020010-513	5C	39.2	Watonwan River, North Fork	Headwaters to Watonwan R	2B, 3B
MNPCA1	S001-599		n fk watonwan r at csah-5 brg, 2 mi ne of darfur		CSMP 284

Aquatic life NS \$Turbid\_TT\_TSS NS 68/277[8](--[--] 68/277[8] --[--])



AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07020010-514</b>	<b>5B</b>	<b>59.5</b>	<b>Watonwan River</b>	<b>Headwaters to N Fk Watonwan R</b>	<b>2B, 3B</b>
MNPCA1	S001-748		watonwan r at cr 124, 1.2 mi sw of darfur, mn		CSMP 584
MNPCA1	S002-252		watonwan r on unn rd, 1 mi w of csah-4, 4.5 mi w of lasalle		CWPWATON 61
MPCAB	01MN047		Watonwan River; downstream of CR 1, 2 mi. N of Mountain Lake		EMAP 1

Aquatic life NS \$Turbid\_TT\_TSS NS 18/50[3](18/50[3] 153/584[8] 16/24[2])  
 Ecoregion norms EX =NO2&NO3 EX 49/62[3] =Phosphorus OK 3/62[3]

<b>07020010-516</b>	<b>5C</b>	<b>25.2</b>	<b>Butterfield Creek</b>	<b>Headwaters to St James Cr</b>	<b>2C</b>
MNPCA1	S001-746		butterfield cr at cr 116, 3.5 mi nw of st james, mn		CSMP 79
MPCAB	07MN067		Boot Creek; Upstream of Hwy 30, 1.5 mi. W of New Richland		ref. ditches 1

Aquatic life NS \$Turbid\_TT\_TSS NS 32/80[7](0/1[1] 32/79[6] --/--[--])

<b>07020010-517</b>	<b>5B</b>	<b>25.2</b>	<b>Watonwan River, South Fork</b>	<b>Willow Cr to Watonwan R</b>	<b>2B, 3B</b>
MNPCA1	S001-749		s fk watonwan r, 2 mi nw of s branch, mn		CSMP 60
MNPCA1	S002-251		watonwan r, s fk on cr-13, 3 mi sw of madelia		CWPWATON 61
MPCAB	90MN099		South Fork Watonwan River; downstream of Hwy 60 at Wayside Rest, 5 mi. E of St. James		mrapp 1

Aquatic life NS \$Turbid\_TT\_TSS NS 20/50[3](20/50[3] 23/60[3] 21/24[2])  
 Ecoregion norms EX =NO2&NO3 EX 44/62[3] =Phosphorus EX 8/62[3]

<b>07020010-521</b>	<b>5C</b>	<b>14.4</b>	<b>Willow Creek</b>	<b>Headwaters to S Fk Watonwan R</b>	<b>2C</b>
MNPCA1	S001-713		WILLOW CR, 2.75 mi sw of south branch, mn		CSMP 246
MNPCA1	S001-721		WILLOW CR, 8.5 mi w of truman, mn		CSMP 15
MPCAB	03MN062		Willow Creek; upstream of C.R. 8, 4.5 mi. W. of Ormsby		biocriteria 1
MPCAB	07MN068		County Ditch 6; Downstream of CR 37, 3.5 mi. SW of Jamesville		ref. ditches 1
MPCAB	07MN068		County Ditch 6; Downstream of CR 37, 3.5 mi. SW of Jamesville		phase1/class7 2

Aquatic life NS !!!Turbid\_TT\_TSS NS 32/262[8](0/1[1] 32/261[8] --/--[--])

<b>07020010-524</b>	<b>5C</b>	<b>25.2</b>	<b>Perch Creek</b>	<b>Headwaters (Perch Lk 46-0046-00) to Spring Cr</b>	<b>2C</b>
MNPCA1	S001-536		perch ck at cr-110 brg, 3 mi ne of truman		CSMP 129
MNPCA1	S001-715		perch cr at 121st st, 3.75 mi se of lewisville, mn		CSMP 117
MNPCA1	S001-716		perch cr at csah 24, 3.75 mi sw of lewisville, mn		CSMP 115
MNPCA1	S001-719		perch cr, 2.25 mi nw of truman, mn		CSMP 17

Aquatic life NS \$Turbid\_TT\_TSS NS 71/243[5](--/--[--] 71/243[5] --/--[--])

<b>07020010-542</b>	<b>3A</b>	<b>0.9</b>	<b>Judicial Ditch 5</b>	<b>CD 2 to Lk Hanska</b>	<b>2B, 3B</b>
MNPCA1	S003-855		jd-5 at 120th st, 6.7 miles w of hanska, mn		CSMP 48

Aquatic life FS +Turbid\_TT\_TSS FS 0/48[4](--/--[--] 0/48[4] --/--[--])

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07020010-548	5C	22.3	Judicial Ditch 1	Headwaters to Irish Lk	2B, 3B
MNPCA1	S001-723		jd no 1, 2 mi nw of odin, mn		CSMP 24
MNPCA1	S001-751		jd no 1, 4 mi sw of butterfield, mn		CSMP 27
MPCAB	03MN061		Judicial Ditch # 1; 2 mi. S.E. of Mountain Lake, S. on C.R. 8, 1.5 mi S. of Hwy 60 (E. side of road)		biocriteria 1
Aquatic life		NS	!!!Turbid_TT_TSS NS 34/49[2](0/1[1] 34/48[1] --/--[--])		

**HUC: 07020011**      **DNR Major: 32**      **HUC NAME: LE SUEUR RIVER**

07020011-501	5B	6.2	Le Sueur River	Maple R to Blue Earth R	2B, 3B
MCES	Le Sueur River 1.3		Le Sueur River at Hwy-66 in South Bend TWP		126
MNPCA1	S000-340		lesueur r mn-66 1.5 mi ne of rapidan	BLUEARTH	1
MNPCA1	S000-340		lesueur r mn-66 1.5 mi ne of rapidan	LESUER-L	2
MNPCA1	S000-340		lesueur r mn-66 1.5 mi ne of rapidan	LESUEUR	11
MNPCA1	S000-340		lesueur r mn-66 1.5 mi ne of rapidan	MERCLKS/	2
MNPCA1	S000-340		lesueur r mn-66 1.5 mi ne of rapidan	MNRIVER	112
MNPCA1	S000-340		lesueur r mn-66 1.5 mi ne of rapidan	RNC	2
MNPCA1	S000-340		lesueur r mn-66 1.5 mi ne of rapidan	MNRIVER / LESUE	1
MNPCA1	S000-340		lesueur r mn-66 1.5 mi ne of rapidan	MDAWQMP	244
MPCAB	08MN001		Le Sueur River; Upstream of Hwy 66, 1.5 mi NE of Rapidan	phase1	1
Aquatic life		NS	\$Acetochlor 6/233[9] +Alachlor 0/233[9] +Atrazine 0/233[9] =Chloride FS 0/139[7] +Chlorpyrifos 0/211[8] <>Metolachlor 0/233[9] +pH FS 0/24[2] \$Turbid_TT_TSS NS 137/245[11](137/245[11] 19/31[4] 56/74[5]) +Un-ionzed ammonia FS 0/11[2]		
Aquatic recreation		IF	\$E. coli IF 1/21Ind 0/1mo		
Ecoregion norms		EX	+NO2&NO3 EX 244/313[10] +Phosphorus EX 123/346[10]		

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
Agency      Station      Location      Project      #Sample  
Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

**07020011-503**      **5B**      **3.1**      **Unnamed creek (Little Beauford Ditch)**      **Headwaters to Cobb R**      **2B, 3B**

MCES	Little Beauford Ditch 0.6	Little Beauford Ditch at Hwy-22 near Beauford			111
MNPCA1	S001-210	unn trib to big cobb r, sh22 .5 mi n beauford		MDAWQMP	58
MNPCA1	S001-210	unn trib to big cobb r, sh22 .5 mi n beauford		MERCLKS/	2
MNPCA1	S001-210	unn trib to big cobb r, sh22 .5 mi n beauford		MNRIVER	87
MNPCA1	S001-210	unn trib to big cobb r, sh22 .5 mi n beauford		BLUEARTH	64
MPCAB	91MN104	tributary to Big Cobb River; upstream of Hwy 22		phase1	1

Aquatic life      NS      =Chloride FS 0/109[6] DO12 -- 3/34[7] DO5\_All FS 2/24[4] DO7 FS 1/10[4] +DOFinal IF[[1]] =pH FS 0/34[4] \$Turbid\_TT\_TSS NS 42/196[11](42/196[11] 18/81[5] 9/30[3])  
Aquatic recreation      IF      \$E. coli IF 1/15Ind 0/2mo  
Ecoregion norms      EX      =NO2&NO3 EX 87/100[4] =Phosphorus EX 26/127[4]

**07020011-504**      **5B**      **17.5**      **Little Cobb River**      **Bull Run Cr to Cobb R**      **2B, 3B**

MCES	Little Cobb River 1.6	Little Cobb River at Co Rd 16 in Beauford TWP			104
MNPCA1	S003-574	little cobb near csah-16, 6.3 mi w of pemberton, mn		MDAWQMP	26
MNPCA1	S003-574	little cobb near csah-16, 6.3 mi w of pemberton, mn		SSSTA	8
MNPCA1	S003-574	little cobb near csah-16, 6.3 mi w of pemberton, mn		MNRIVER	114
MNPCA1	S003-574	little cobb near csah-16, 6.3 mi w of pemberton, mn		MERCLKS/	1
MNPCA1	S003-574	little cobb near csah-16, 6.3 mi w of pemberton, mn		LESUEUR	11
MNPCA1	S003-574	little cobb near csah-16, 6.3 mi w of pemberton, mn		LESUEUR / MNRIV	1
MNPCA1	S003-574	little cobb near csah-16, 6.3 mi w of pemberton, mn		BLUEARTH	2
MPCAB	08MN006	Little Cobb River; Downstream of CR 174, 3 mi E of Beauford		phase1	2
MPCAB	08MN070	Little Cobb River; Downstream of CR 169, 3 mi. W of Pemberton		phase1	1

Aquatic life      NS      =Chloride FS 0/201[10] DO12 -- 12 109[10] DO5\_9am NS 2/5[4] DO5\_All NS 8/67[9] DO7 FS 4/42[9] !!!DOFinal NS[[5]] =pH FS 0/210[10] \$Turbid\_TT\_TSS NS 84/227[11](84/227[11] 9/13[4] 10/12[3]) +Un-ionzed ammonia FS 0/101[10]  
Aquatic recreation      IF      \$E. coli IF 1/22Ind 0/1mo  
Ecoregion norms      EX      =NO2&NO3 EX 133 191[10] =Phosphorus EX 33/231[10]

**07020011-506**      **3A**      **1.9**      **Le Sueur River**      **Cobb R to Maple R**      **2B, 3B**

MNPCA1	S003-859	le sueur r at csah-16, 5 mi s of mankato, mn		CSMP	16
MNPCA1	S005-310	lesueur r at mn-83, 2.1 mi s of Eagle Lake, mn		LESUER-L	2
MNPCA1	S005-317	lesueur r at csah-22, 5.5 mi se of mankato, mn		LESUER-L	2
MNPCA1	S005-318	lesueur r at csah-41, 4.5 mi se of mankato, mn		LESUER-L	2
MPCAB	08MN036	Le Sueur River; Downstream of CR 16, 8 mi. W of St. Clair		phase1	2

Aquatic life      NS      !!!Turbid\_TT\_TSS NS 14/20[2](1/2[1] 13/18[2] --/--[--])

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020011-507	5C	32.0	Le Sueur River	CD 6 to Cobb R	2B, 3B
MNPCA1	S001-409		lesueur r at hanging brg in wildwood pk 2.75mi n of st.clair		CSMP 126
MNPCA1	S003-447		le sueur r at csah-90, 3 mi se of mankato, mn		CSMP 40
MNPCA1	S003-448		le sueur r at csah 28 in saint clair, mn		MNRIVER 64
MNPCA1	S003-448		le sueur r at csah 28 in saint clair, mn		LESUER-L 2
MNPCA1	S003-448		le sueur r at csah 28 in saint clair, mn		CSMP 12
MNPCA1	S003-449		le sueur r at schalow st culvert in saint clair, mn		CSMP 13
MNPCA1	S003-810		le sueur r w of twp hwy 169, 4 mi se of mankato, mn		CSMP 90
MNPCA1	S003-860		le sueur r at csah-8, 5.1 mi sse of mankato, mn		MERCLKS/ 1
MNPCA1	S003-860		le sueur r at csah-8, 5.1 mi sse of mankato, mn		LESUER-L 2
MNPCA1	S003-860		le sueur r at csah-8, 5.1 mi sse of mankato, mn		MNRIVER 106
MNPCA1	S003-860		le sueur r at csah-8, 5.1 mi sse of mankato, mn		CSMP 16
MPCAB	03MN071		LeSueur River; 3.5 mi N. of St. Clair, 1/2 mi E. of MN 83, MRAP site @ Wildwood County Park		phase1 1
MPCAB	03MN071		LeSueur River; 3.5 mi N. of St. Clair, 1/2 mi E. of MN 83, MRAP site @ Wildwood County Park		biocriteria 1
MPCAB	08MN035		Le Sueur River; Downstream of CR 8, 7 mi. W of St. Clair		phase1 1

Aquatic life	NS	\$Turbid_TT_TSS NS 78/108[4](78/108[4] 159/254[10] 2/2[1])
Aquatic recreation	NS	!!!E. coli NS 3/24Ind 1/3mo
Ecoregion norms	EX	+NO2&NO3 EX 35/44[3] +Phosphorus EX 25/107[4]

07020011-508	2	70.9	Le Sueur River	Headwaters to CD 6	2B, 3B
MNPCA1	S000-295		Le Sueur River csah-9 by waseca		LESUER-L 2
MNPCA1	S000-656		lesueur r at csah-3 6 mi s of janesville		LESUER-L 2
MNPCA1	S000-657		lesueur r at csah-33 6 mi s of janesville		CSMP 46
MNPCA1	S003-900		le sueur r at 128th st 3.6 mi n of new richland, mn		CSMP 16
MNPCA1	S005-306		lesueur r at csah-14, 2 mi ne of pemberton, mn		LESUER-L 2
MNPCA1	S005-319		lesueur r at cr-172, 3.7 mi nnw of pemberton, mn		LESUER-L 2
MPCAB	03MN070		Le Sueur River; 3 mi S.W. of Waseca on C.R. 27 (C.R. 75)(USGS site)		biocriteria 1
MPCAB	07MN057		Le Sueur River; Downstream of 730th Ave, 1.5 mi. NW of Bath		phase1 1
MPCAB	07MN057		Le Sueur River; Downstream of 730th Ave, 1.5 mi. NW of Bath		ref. ditches 1
MPCAB	08MN029		Le Sueur River; Upstream of CR 51, 3 mi. SW of Otisco		phase1 1
MPCAB	08MN048		Le Sueur River; Downstream of CR 14, 2 mi. NE of Pemberton		phase1 1
MPCAB	08MN052		Le Sueur River; Upstream of CR 4, in Wilton		phase1 1
MPCAB	08MN053		Le Sueur River; Downstream of 120 th St, 1 mi. W of Otisco		phase1 1
MPCAB	08MN055		Le Sueur River; Upstream of 260th Ave, 2 mi. SE of Vista		phase1 1

Aquatic life	NS	+pH FS 0/14[3] !!!Turbid_TT_TSS NS 33/70[5](1/4[3] 32/66[4] --/--[--])
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AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		

<b>07020011-521</b>	<b>3A</b>	<b>5.3</b>	<b>County Ditch 6</b>	<b>T107 R24W S4, north line to T107 R25W S13, west line</b>	<b>7</b>
MNPCA1	S000-654		cd#6 at csah-14 btn s13/18 4 mi sw of janesville		LESUEUR 11
MPCAB	08MN047		County Ditch 6; Downstream of CR 54, 2mi. S of Janesville		phase1 1

Aquatic recreation IF +E. coli IF 0/7Ind 0/0mo  
 Limited Use Waters IF +Chloride FS 0/10[1] +pH FS 0/22[1] +Un-ionzed ammonia FS 0/9[1]

<b>07020011-531</b>	<b>5C</b>	<b>28.0</b>	<b>Rice Creek</b>	<b>Headwaters to Maple R</b>	<b>2B, 3B</b>
MNPCA1	S002-431		rice ck at cr-151 .9 mi se of sterling center, mn		CSMP 71
MNPCA1	S002-431		rice ck at cr-151 .9 mi se of sterling center, mn		LESUEUR 11
MNPCA1	S002-431		rice ck at cr-151 .9 mi se of sterling center, mn		RNC 2
MPCAB	01MN014		Rice Creek; downstream of road, 1 mi W of CR 13, 2 mi S of Delavan		EMAP 1
MPCAB	03MN067		Rice Creek; upstream of C.R., 5 mi. S.W. of Mapleton		biocriteria 1
MPCAB	08MN004		Rice Creek; Downstream of CR 151, 0.5 mi. S of Sterling Center		phase1 1
MPCAB	08MN010		Rice Creek; Downstream of Hwy 109, 1 mi. W of Delavan		phase1 1
MPCAB	08MN076		Rice Creek; Upstream of CR 18, 4.5 mi. NW of Delavan		class7 1
MPCAB	08MN086		Rice Creek; Downstream of CR 1, 5.5 mi. SE of Amboy		phase1 1

Aquatic life NS +Chloride FS 0/10[1] +pH FS 0/30[3] !!!Turbid\_TT\_TSS NS 54/89[4](3/11[3] 51/78[3] --/--[--]) +Un-ionzed ammonia FS 0/10[1]  
 Aquatic recreation IF +E. coli IF 0/7Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 EX 8/16[3] +Phosphorus OK 0/16[3]

<b>07020011-532</b>	<b>3A</b>	<b>3.8</b>	<b>Judicial Ditch 1</b>	<b>Headwaters to T103 R27W S1, north line</b>	<b>2B, 3B</b>
MNPCA1	S003-377		jd 1 at mn-109, 0.5 mi s of delavan, mn		CSMP 56
MPCAB	08MN077		Judicial Ditch 1 ; Upstream of Hwy 109, 1 mi. S of Delavan		class7 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 10/57[2](--/--[--] 10/57[2] --/--[--])

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020011-534	5B	30.8	Maple River	Rice Cr to Le Sueur R	2B, 3B
MNPCA1	S002-427		maple r at csah 35 5.2 mi s of mankato, mn		RNC 1
MNPCA1	S002-427		maple r at csah 35 5.2 mi s of mankato, mn		LWRMAPLE 285
MNPCA1	S002-427		maple r at csah 35 5.2 mi s of mankato, mn		LESUEUR 11
MNPCA1	S002-427		maple r at csah 35 5.2 mi s of mankato, mn		LESUER-L 5
MNPCA1	S002-427		maple r at csah 35 5.2 mi s of mankato, mn		CSMP 80
MNPCA1	S002-430		maple r .2 mi sw of township rd 531 .9 mi se of good thunder		CSMP 63
MNPCA1	S002-434		maple r off of township rd-146 5 mi s of mankato, mn		CSMP 299
MNPCA1	S002-435		maple r at township rd-96, 2 mi ne of good thunder, mn		CSMP 34
MNPCA1	S002-435		maple r at township rd-96, 2 mi ne of good thunder, mn		LESUER-L 2
MNPCA1	S002-436		maple r .2 mi n of csah-10, .5 mi e of good thunder, mn		CSMP 15
MNPCA1	S002-547		maple r off township rd 365. 1.25 mi ne of good thunder, mn		CSMP 42
MNPCA1	S004-101		maple r at csah-18, 2 miles north of sterling center		LESUER-L 5
MNPCA1	S004-101		maple r at csah-18, 2 miles north of sterling center		CSMP 1
MNPCA1	S004-101		maple r at csah-18, 2 miles north of sterling center		LWRMAPLE 139
MNPCA1	S004-304		maple r at csah-10 brg, .5 mi e of good thunder		CSMP 8
MNPCA1	S004-304		maple r at csah-10 brg, .5 mi e of good thunder		LESUER-L 2
MNPCA1	S004-343		maple r at conf. with le sueur r, 5.5 mi s of mankato, mn		CSMP 77
MPCAB	08MN003		Maple River; Downstream of CR 35, 6 mi. N of Good Thunder		phase1 1
MPCAB	08MN019		Maple River; Downstream of CR 18, 5 mi. W of Mapleton		phase1 2

Aquatic life NS +Chloride FS 0/10[1] +pH FS 0/24[1] \$Turbid\_TT\_TSS NS 181/290[6](181/290[6] 211/473[6] --/--[--]) +Un-ionzed ammonia FS 0/10[1]  
 Aquatic recreation NS !!!E. coli NS 9/83Ind 6/7mo  
 Ecoregion norms EX +NO2&NO3 EX 221/287[3] +Phosphorus EX 60/292[6]

07020011-535	3A	26.4	Maple River	Minnesota Lk outlet to Rice Cr	2B, 3B
MNPCA1	S002-433		maple r at township rd-367 1 mi e of sterling center mn		CSMP 31
MNPCA1	S005-305		maple r at mn-30, 7 mi s of good thunder, mn		LESUER-L 2
MNPCA1	S005-311		maple r at csah-7, 3.5 mi s of mapleton, mn		LESUER-L 2
MNPCA1	S005-312		maple r at csah-46, 5.5 mi sse of mapleton, mn		LESUER-L 2
MPCAB	08MN023		Maple River; Upstream of CR 46, 6 mi. S of Mapleton		phase1 1
MPCAB	08MN024		Maple River; Upstream of Hwy 30, 5 mi. SW of Mapleton		phase1 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 24/35[2](1/2[1] 23/33[2] --/--[--])

07020011-540	3B	2.8	Providence Creek (Judicial Ditch 49)	T105 R27W S17, east line to Maple R	2B, 3B
MNPCA1	S002-432		jd 49 at township rd 31 .1 mi se of sterling center, mn		CSMP 56

Aquatic life NS !!!Turbid\_TT\_TSS NS 9/56[2](--/--[--] 9/56[2] --/--[--])

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020011-552	3A	2.3	County Ditch 3	CD 9 to Maple R	2B, 3B
MNPCA1	S002-473		jd dt 9, 300 feet upst of csah 46. 5.5 mi s of mapleton, mn		LESUEUR 11
MNPCA1	S002-473		jd dt 9, 300 feet upst of csah 46. 5.5 mi s of mapleton, mn		LESUER-L 2
MNPCA1	S002-473		jd dt 9, 300 feet upst of csah 46. 5.5 mi s of mapleton, mn		CSMP 11
MPCAB	08MN002		County Ditch 3; Upstream of CR 46, 6 mi. S of Mapleton		phase1 1

Aquatic life NS +Chloride FS 0/10[1] +pH FS 0/22[1] !!!Turbid\_TT\_TSS NS 12/24[2](3/11[1] 9/13[2] --/--[--]) +Un-ionized ammonia FS 0/10[1]  
 Aquatic recreation IF +E. coli IF 3/7Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 EX 8/11[1] +Phosphorus OK 0/11[1]

07020011-556	5C	6.8	Cobb River	T107 R26W S30, west line to Le Sueur R	2C
MNPCA1	S001-282		cobb r at confl with lesueur r		MERCLKS/ 1
MNPCA1	S003-446		cobb r at csah-16, 4.4 mi ne of good thunder, mn		RNC 2
MNPCA1	S003-446		cobb r at csah-16, 4.4 mi ne of good thunder, mn		MNRIVER 101
MNPCA1	S003-446		cobb r at csah-16, 4.4 mi ne of good thunder, mn		MNRIVER / LESUE 1
MNPCA1	S003-446		cobb r at csah-16, 4.4 mi ne of good thunder, mn		LESUEUR 11
MNPCA1	S003-446		cobb r at csah-16, 4.4 mi ne of good thunder, mn		CSMP 57
MPCAB	08MN005		Cobb River; Downstream of CR 16, 3.5 mi. NW of Beauford		phase1 1

Aquatic life NS +Chloride FS 0/10[1] +pH FS 0/22[1] \$Turbid\_TT\_TSS NS 81/109[3](81/109[3] 43/59[5] --/--[--]) +Un-ionized ammonia FS 0/10[1]  
 Aquatic recreation NS !!!E. coli NS 0/30Ind 2/3mo  
 Ecoregion norms EX +NO2&NO3 EX 35/48[2] +Phosphorus EX 20/108[3]

07020011-559	3A	1.0	Boot Creek	T106 R22W S31, south line to Le Sueur R	2C
MNPCA1	S004-836		boot ck at 260th ave., 3 mi nw of new richland		LESUEUR 11

Aquatic life IF +Chloride FS 0/9[1] +pH FS 0/20[1] +Un-ionized ammonia FS 0/10[1]  
 Aquatic recreation IF +E. coli IF 2/7Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 EX 6/10[1] +Phosphorus OK 0/10[1]

07020011-565	2	2.1	Unnamed ditch (Minnesota Lake Inlet)	Headwaters to Minnesota Lk	2B, 3B
MNPCA1	S002-440		unn dt at csah-21 1 mi sw of minnesota lake, mn		CSMP 52

Aquatic life FS =Turbid\_TT\_TSS FS 1/52[2](--/--[--] 1/52[2] --/--[--])

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
07020011-568	5C	53.9	Cobb River		T104 R23W S34W, south line to Little Cobb R	2C	
MNPCA1	S002-472		cobb r at 250th street, 6.8 mi e of mn lk, mn			CSMP	13
MNPCA1	S004-300		cobb r (aka big cobb r) at csah-3 brg 5 mi ne minnesota lake			CSMP	17
MPCAB	08MN017		Cobb River; Upstream of CR 67, 3m. W of Matawan			phase1	1
MPCAB	08MN067		Cobb River; Upstream of CR 4, 3 mi. NE of Mapleton			phase1	1
MPCAB	08MN071		Cobb River; Upstream of 108th St, 2 mi. N of Minnesota Lake			phase1	1
MPCAB	08MN081		Cobb River; Upstream of CR 35, 5mi. S of Matawan			class7	2
Aquatic life		NS	!!!Turbid_TT_TSS NS 27/34[3](-/--[--] 27/34[3] -/--[--])				

**HUC: 07020012      DNR Major: 33      HUC NAME: MINN R-Shakopee**

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
07020012-501	5B	8.6	Minnesota River		Bevens Cr to Sand Cr	2B, 3B	
MCES	Minnesota River 39.4		Minnesota River at Carver Co Rd 45 and Scott Co Rd 9				350
MNPCA1	S000-039		minnesota r. csah-9 n of jordan			MDAWQMP	1
MNPCA1	S003-778		mn r 0.1 mi upst of csah-9, 1.5 mi n of jordan, mn			CSMP	33
MPCAB	03MN089		Minnesota River; Carver Rapids			biocriteria	1
Aquatic life		NS	=Chloride FS 0/158[10] DO12 -- 0/301[10] DO5_9am FS 0/16[5] DO5_All FS 0/170[9] DO7 FS 0/131[10] +DOFinal IF[[10]] =pH FS 0/598[11] \$Turbid_TT_TSS NS 112/250[9](112/250[9] 33/33[1] -/--[--]) +Un-ionized ammonia FS 0/210[7]				
Ecoregion norms		EX	=BOD5 EX 62/151[7] =Phosphorus EX 103/152[7]				

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
07020012-503	5B	10.8	Minnesota River		Rush R to High Island Cr	2B, 3B	
MNPCA1	S000-040		Minnesota River at mn-19 bridge at henderson				13
MNPCA1	S000-040		Minnesota River at mn-19 bridge at henderson			MILE	43
Aquatic life		NS	DO12 -- 0/41[7] DO5_9am FS 0/4[2] DO5_All FS 0/25[4] DO7 FS 0/16[7] +DOFinal IF[[1]] =pH FS 1/78[7] \$Turbid_TT_TSS NS 37/43[7](37/43[7] -/--[--] -/--[--]) +Un-ionized ammonia FS 0/34[7]				
Aquatic recreation		IF	\$E. coli IF 2/27Ind 0/1mo				
Ecoregion norms		EX	=BOD5 EX 8/16[4] =NO2&NO3 EX 30/35[7] =Phosphorus EX 27/35[7]				



AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020012-505	5B	23.8	Minnesota River	RM 22 to Mississippi R	2C, 3C
MCES	Minnesota River 14.3		Minnesota River Railroad Swing Bridge at Savage		322
MCES	Minnesota River 3.5		Minnesota River at Fort Snelling State Park		448
MCES	Minnesota River 8.5		Minnesota River near NSP Plant in Burnsville		289
MNPCA1	S000-086		minnesota r at mn-77 brg in bloomington	CSMP	122
MNPCA1	S000-086		minnesota r at mn-77 brg in bloomington	BLACKDOG	6
MNPCA1	S000-310		minnesota r at mces site off the se end of runway 121/30r	MERCLKS/	7
MNPCA1	S000-310		minnesota r at mces site off the se end of runway 121/30r	MILE	45
MNPCA1	S000-310		minnesota r at mces site off the se end of runway 121/30r	MNMODEL	5
MNPCA1	S000-310		minnesota r at mces site off the se end of runway 121/30r		14
MNPCA1	S002-452		mn r 75 ft upst black dog lk otl .25 mi e i35w burnsville mn	CSMP	28
MNPCA1	S003-505		mn r at end of lyndale ave, in bloomington, mn	BLACKDOG	6
MNPCA1	S003-505		mn r at end of lyndale ave, in bloomington, mn	CSMP	147
MNPCA1	S004-109		minnesota r at River mi 15, .5 mi n of mn-101 in bloomington	MNMODEL	5
MPCAB	03MN079		Minnesota River; ~ 1 mi downstream of I-35 in Burnsville	biocriteria	1

Aquatic life NS =Arsenic FS 0/9[4] =Cadmium FS 0/7[4] =Chloride FS 0/283[7] +Chromium FS 0/6[3] =Copper FS 0/9[4] DO12 -- 3/773[11] DO5\_9am FS 1/234[9] DO5\_All FS 3/387[10] \$DO7 FS 0/386[10] \$DOFinal IF[[10]] =Lead FS 0/9[4] \$Mercury FS 1/8[4] +Nickel FS 0/9[4] =pH FS 2/1014[11] \$Turbid\_TT\_TSS NS 161/375[10](161/375[10] 243/267[7] 3/6[2]) +Un-ionzed ammonia FS 1/759[9] =Zinc FS 0/9[4]

Aquatic recreation IF \$E. coli IF 1/27Ind 0/0mo

Ecoregion norms EX =BOD5 EX 89/195[8] =NO2&NO3 EX 52/52[7] =Phosphorus EX 147/222[10]

07020012-506	5B	10.5	Minnesota River	Carver Cr to RM 22	2B, 3B
MCES	Minnesota River 25.1		Minnesota River at Hwy-169 in Shakopee		322
MNPCA1	S004-122		minnesota r at River mile 22.6, n of mn-101 in shakopee	MNMODEL	3
MPCAB	03MN080		Minnesota River; Upstream of 101 in Shakopee	biocriteria	2
MPCAB	05MN010		Minnesota River; Downstream of Shakopee.	methods comparison	1

Aquatic life NS =Chloride FS 0/54[4] DO12 -- 0/299[10] DO5\_9am FS 0/43[7] DO5\_All FS 0/159[9] DO7 FS 0/140[9] +DOFinal IF[[9]] =pH FS 1/642[11] \$Turbid\_TT\_TSS NS 89/244[8](89/244[8] 1/1[1] 2/6[1]) +Un-ionzed ammonia FS 0/242[7]

Ecoregion norms EX =BOD5 EX 62/146[7] =Phosphorus EX 37/64[6]

07020012-507	5B	11.8	Minnesota River	Cherry Cr to Le Sueur Cr	2B, 3B
MNPCA1	S000-735		minnesota r on csah-26 at le sueur	CSMP	42
MPCAB	03MN088		Minnesota River; Upstream of Highway 169, Near Le Sueur	biocriteria	1

Aquatic life NS !!!Turbid\_TT\_TSS NS 29/43[3](0/1[1] 29/42[2] --/--)

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020012-509</b>	<b>3A</b>	<b>11.0</b>	<b>Judicial Ditch 1A</b>	<b>CD 40A to S Br Rush R</b>	<b>7</b>
MNPCA1	S002-933		jd 1a at cr-63, 9 mi se of gaylord		CWPRUSH 70
MNPCA1	S002-943		jd-1a at cr-3, 11 mi nw of st peter, mn		CSMP 11
MNPCA1	S002-943		jd-1a at cr-3, 11 mi nw of st peter, mn		NFCRWD 23
MPCAB	03MN026		Judicial Ditch # 1A; About 10 mi. W. of Le Sueur, downstream of bridge on C.R. 3/9		biocriteria 2
MPCAB	07MN082		Judicial Ditch 1A; Upstream of CR 60, 2.5 mi. W of New Sweden		ref. ditches 1

Limited Use Waters IF DO12 -- 0/20[4] DO5\_All FS 0/15[4] DO7 FS 0/5[2] +DOFinal IF[[2]] +pH FS 0/14[2]

<b>07020012-511</b>	<b>5C</b>	<b>5.0</b>	<b>Riley Creek</b>	<b>Riley Lk to Minnesota R</b>	<b>2B, 3B</b>
MCES	Riley Creek 1.3		Riley Creek at Flying Cloud Dr. (Hwy 212) in Eden Prairie		82
MNPCA1	S005-380		riley ck (grass lk inlet) at us-212 in eden prairie		MDAWQMP 12

Aquatic life FS =Chloride FS 0/66[9] \$Turbid\_TT\_TSS FS 2/78[10](2/78[10] --/--) --/--)

Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 10/10[2] +Phosphorus OK 0/12[2]

<b>07020012-512</b>	<b>5C</b>	<b>6.2</b>	<b>Chaska Creek</b>	<b>Headwaters to Minnesota R</b>	<b>2B, 3B</b>
MNPCA1	S002-548		w chaska ck, 250' w of cty rd 10, behind vfw, in chaska, mn		MDAWQMP 88
MNPCA1	S002-548		w chaska ck, 250' w of cty rd 10, behind vfw, in chaska, mn		CCWCHASC 152
MNPCA1	S002-548		w chaska ck, 250' w of cty rd 10, behind vfw, in chaska, mn		CARVER-L 17
MPCAB	00MN010		Chaska Creek; upstream of CR 10 in Chaska		metro surveys 1

Aquatic life NS DO12 -- 1/20[4] DO5\_9am FS 0/12[3] DO5\_All FS 1/18[3] DO7 FS 0/2[2] +DOFinal IF[[1]] !!!Turbid\_TT\_TSS NS 11/85[9](11/85[9] 1/56[8] 9/26[3])

Aquatic recreation IF \$E. coli IF 1/10Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 86/86[6] =Phosphorus EX 79/179[11]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
Agency      Station      Location      Project      #Sample  
Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07020012-513	5A	13.4	Sand Creek	Porter Cr to Minnesota R	2B, 3B
MCES	Sand Creek 8.2		1/3 mile east of 169 on Co. Rd. 282, Jordan		220
MNPCA1	S000-823		Sand Creek, us-169 at jordan	SANDCK	9
MNPCA1	S003-450		sand ck at rice st in jordan, mn	CSMP	3
MNPCA1	S004-523		sand ck (jabs dike) w/in louisville Swamp, 1.5 mi se carver	SANDCK	55
MNPCA1	S004-524		sand ck 173rd st w (b4 louisville Swamp), 2 1/2 mi n jordan	SANDCK	67
MNPCA1	S004-524		sand ck 173rd st w (b4 louisville Swamp), 2 1/2 mi n jordan	CSMP	25
MNPCA1	S004-898		sand ck at mn-282 crossing in jordan	SANDCK	35
MNPCA1	S004-910		sand ck at mn-21 crossing in jordan	SANDCK	12
MNPCA1	S004-912		sand ck at syndicate dr crossing, 1/2 mi no. of jordan	SANDCK	13
MPCAB	00MN006		Sand Creek; upstream Hwy 21	metro surveys	1
MPCAB	01MN044		Sand Creek; .3mi S of CR 61	EMAP	1
MPCAB	01MN044		Sand Creek; .3mi S of CR 61	TMDL	1
MPCAB	07MN033		Sand Creek; Downstream of Hwy 282, .25 mi. W of Jordan	TMDL	1
MPCAB	07MN034		Sand Creek; Upstream of 173rd St W, 3 mi. NE of Jordan	TMDL	1

Aquatic life      NS      =Chloride IF 3/204[10] DO12 -- 11/196[9] DO5\_9am NS 3/17[3] DO5\_All FS 10/107[7] DO7 FS 1/89[7] !!!DOFinal NS[[5]] +pH FS 0/138[4] \$Turbid\_TT\_TSS NS  
48/228[11](48/228[11] 5/28[2] 13/24[1]) +Un-ionzed ammonia FS 0/10[1]  
Aquatic recreation      IF      +E. coli IF 0/5Ind 0/0mo  
Ecoregion norms      EX      +BOD5 EX 7/13[1] +Phosphorus EX 33/49[3]

07020012-514	5B	3.6	Bevens Creek	Silver Cr to Minnesota R	2B, 3B
MCES	Bevens Creek 2		Bevens Creek at Co Rd 40 Bridge		163
MNPCA1	S002-505		bevans ck 100 yds upst of csah-40, 0.4 mi s east union, mn	CCBEVENS	15
MNPCA1	S002-549		bevans ck 100 yds dnst of csah-40, 0.4 mi s east union, mn	CCBEVENS	48
MNPCA1	S005-360		bevans ck just dwnstm of csah-40, s of east union	MDAWQMP	5
MPCAB	00MN012		Bevens Creek; upstream of CR 40 west of East Union	metro surveys	1

Aquatic life      NS      =Chloride FS 0/173[10] DO12 -- 2 109[9] DO5\_9am NS 1/18[4] DO5\_All FS 2/51[7] DO7 FS 0/58[8] +DOFinal IF[[7]] +pH FS 0/12[3] \$Turbid\_TT\_TSS FS  
12/143[11](12/143[11] 6/29[5] --/--[--])  
Aquatic recreation      IF      \$E. coli IF 0/3Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		

07020012-515	5B	23.8	Bevens Creek	Headwaters (Washington Lk 72-0017-00) to Silver Cr	2B, 3B
MCES	Bevens Creek 5		Bevens Creek at Maplewood Rd		94
MNPCA1	S000-825		bevans cr.,csah-41 by east union	CCBEVENS	110
MNPCA1	S002-506		bevans ck 100yd dnst of csah-50, 1.3 mi w of east union, mn	CCBEVENS	15
MNPCA1	S002-507		bevans ck 100yd upst of csah-50, 1.3 mi w of east union, mn	CCBEVENS	15
MNPCA1	S002-508		bevans ck at maplewood rd, 1.7 mi nw of east union, mn	CCBEVENS	33
MNPCA1	S002-509		bevans ck at csah-53, 1.2 mi s of cologne, mn	CSMP	146
MNPCA1	S002-509		bevans ck at csah-53, 1.2 mi s of cologne, mn	CCBEVENS	5
MNPCA1	S002-510		bevans ck at 154th st, 3.3 mi se of hamburg, mn	CCBEVENS	9
MNPCA1	S002-511		bevans ck at csah-33, 3.3 mi se of norwood young america, mn	CCBEVENS	29
MNPCA1	S002-516		bevans ck at 321st ave, 3 mi se of hamburg, mn	CARVER-L	16
MNPCA1	S002-516		bevans ck at 321st ave, 3 mi se of hamburg, mn	CCBEVENS	139
MNPCA1	S002-518		bevans ck at csah-16, 3 mi se of hamburg, mn	CARVER-L	5
MNPCA1	S002-518		bevans ck at csah-16, 3 mi se of hamburg, mn	CCBEVENS	42
MNPCA1	S002-539		bevans ck at rice ave, 3.9 mi se of norwood yng america, mn	CCBEVENS	156
MNPCA1	S002-539		bevans ck at rice ave, 3.9 mi se of norwood yng america, mn	CARVER-L	16

Aquatic life NS \$Chloride NS 4/117[10] DO12 -- 11/66[8] DO5\_All NS 11/43[7] DO7 FS 0/23[6] !!!DOFinal NS[[4]] \$Turbid\_TT\_TSS NS 32/185[11](32/185[11] 27/187[8] 2/22[2])  
 Aquatic recreation IF \$E. coli IF 0/13Ind 0/0mo  
 Ecoregion norms EX =Phosphorus EX 84/128[11]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020012-516	5B	31.9	Carver Creek	Headwaters to Minnesota R	2B, 3B
MCES	Carver Creek 1.7		Carver Creek at Co Rd 40, Carver		197
MNPCA1	S001-687		carver ck, 1.2 mi w of csah 43, 5.7 mi sw of chaska	CSMP	49
MNPCA1	S002-487		carver ck at csah-40, 1 mi sw of carver, mn	CARVERCK	4
MNPCA1	S002-488		carver ck at csah-40, 1.1 mi sw of carver, mn	CARVERCK	35
MNPCA1	S002-488		carver ck at csah-40, 1.1 mi sw of carver, mn	CARVER-L	1
MNPCA1	S002-489		carver ck at us-212, 2.5 mi e of cologne, mn	CARVERCK	140
MNPCA1	S002-489		carver ck at us-212, 2.5 mi e of cologne, mn	CARVERLK	19
MNPCA1	S002-489		carver ck at us-212, 2.5 mi e of cologne, mn	CARVER-L	17
MNPCA1	S002-490		carver ck at cr-140, 2.3 mi ne of benton, mn	CARVERCK	143
MNPCA1	S002-490		carver ck at cr-140, 2.3 mi ne of benton, mn	CARVERLK	21
MNPCA1	S002-490		carver ck at cr-140, 2.3 mi ne of benton, mn	CARVER-L	16
MNPCA1	S002-493		carver ck at csah-51, 1.1 mi s of hydes lake, mn	CARVERCK	12
MNPCA1	S002-495		carver ck at mn-284, 1.6 mi n of cologne, mn	MFCROW	10
MNPCA1	S002-495		carver ck at mn-284, 1.6 mi n of cologne, mn	CROWRW-S	9
MNPCA1	S002-495		carver ck at mn-284, 1.6 mi n of cologne, mn	CARVERCK	14
MNPCA1	S002-496		carver ck at knaver ave, 2 mi se of hydes lake, mn	CARVER-L	1
MNPCA1	S002-496		carver ck at knaver ave, 2 mi se of hydes lake, mn	CARVERCK	25
MNPCA1	S002-497		trib to carver ck at mn-25, 1.9 mi ne of norwood yng america	CARVERCK	9
MNPCA1	S003-551		carver ck at cr-43 (03mn030), 1.6 mi n of east union, mn	CARVBEV	1
MNPCA1	S003-908		winkler lk inlet at 114th st, 3 mi nw of cologne	CARVERLK	10
MPCAB	03MN030		Carver Creek; 4 mi. S.W. of Carver, upstream of C.R. 43	biocriteria	1

Aquatic life NS =Chloride FS 0/156[10] DO12 -- 15/162[10] DO5\_All NS 14/89[8] DO7 FS 1/73[8] !!!DOFinal NS[[7]] \$Turbid\_TT\_TSS NS 57/262[11](57/262[11] 14/123[10] 8/30[3])

Aquatic recreation IF \$E. coli IF 0/15Ind 0/1mo

Ecoregion norms EX =Phosphorus EX 101/148[11]

07020012-517	5C	21.9	Credit River	Headwaters to Minnesota R	2B, 3B
MCES	Credit River 0.6		Credit River at 123rd St Bridge near the water tower in Savage		23
MCES	Credit River 0.9		Credit River near 126th Street and Princeton Ave, Savage		168
MNPCA1	S004-587		credit r at hidden valley pk in savage, mn	CSMP	24
MNPCA1	S004-591		credit r at flag tr, 4.5 mi se of prior lk, mn	CSMP	22
MNPCA1	S004-933		credit r at csah-68, se of Credit River	CREDIT-L	18
MNPCA1	S004-935		credit r at 154th street, 2 mi ne of prior lake	CREDIT-L	20
MPCAB	90MN117		Credit River; upstream of Cty Rd. 68 in Murphy-Hanrahan Regional Park	mrsp	1

Aquatic life NS =Chloride FS 1/166[10] DO12 -- 9/97[7] DO5\_9am FS 0/2[1] DO5\_All NS 9/59[5] DO7 FS 0/38[6] !!!DOFinal NS[[4]] +pH FS 1/18[2] \$Turbid\_TT\_TSS FS 11/170[11](11/170[11] 7/39[1] --/--[--])

Aquatic recreation IF +E. coli IF 0/5Ind 0/0mo

Ecoregion norms EX +Phosphorus EX 10/21[2]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020012-518	5A	16.4	Ninemile Creek	Headwaters to Minnesota R	2B, 3B
MCES	Nine Mile Creek 1.8		Nine Mile Creek 500m down from 106th St, Bloomington		182
MNPCA1	S003-785		ninemile ck at pedestrian br s of w 90th st in bloomington	CSMP	101
MNPCA1	S005-377		ninemile ck just s of w 106th st in bloomington	MDAWQMP	9
MPCAB	00MN011		North Fork Nine Mile Creek; Edina City Park	metro surveys	1
MPCAB	03MN058		North Fork Nine Mile Creek; N.W. corner of Hwy 494 and Hwy 100 junction (Sofitel parking lot)	biocriteria	1
MPCAB	03MN094		Ninemile Creek, North Fork; near intersection of 66th St. and Creek Drive in Edina	TMDL	1
MPCAB	03MN098		Ninemile Creek; downstream of 98th St. in Bloomington	TMDL	1
MPCAB	03MN099		Ninemile Creek; downstream of Old Shakopee Road at 103rd St. W. in Bloomington	TMDL	1
MPCAB	03MN100		Ninemile Creek; downstream of 106th St. in Bloomington	TMDL	1

Aquatic life NS \$Chloride NS 20/157[10] DO12 -- 2 78[6] DO5\_9am NS 1/9[3] DO5\_All FS 2/47[6] DO7 FS 0/31[5] +DOFinal IF[[4]] =pH FS 0/28[4] \$Turbid\_TT\_TSS FS 13/146[11](13/146[11] 2/101[4] --/--[--])

Aquatic recreation IF +E. coli IF 0/7Ind 0/0mo

07020012-519	2	2.2	Eagle Creek	Headwaters to Minnesota R	1B, 2A, 3B
MCES	Eagle Creek 0.8		Eagle Creek 50m up from 126th Street		102
MNPCA1	S003-841		eagle ck upst of w 125th street in savage, mn	CSMP	4
MPCAB	99MN008		Eagle Creek; upstream 126th	metro surveys	1

Aquatic life NS =Chloride FS 0/96[9] DO12 -- 0/30[4] DO5\_9am FS 0/2[2] DO5\_All FS 0/13[3] DO7 FS 0/17[3] +DOFinal IF[[2]] !!!Turbid\_TT\_TSS NS 15/95[10](15/95[10] 0/4[1] --/--[--])

Aquatic recreation IF +E. coli IF 0/22Ind 1/1mo

Drinking Water FS +Nitrate FS 0/100[10] +Nitrite FS 0/100[10]

07020012-521	5A	8.2	Rush River	S Br Rush R to Minnesota R	2B, 3B
MNPCA1	S000-822		rush River, sh-93 by henderson	CSMP/CWP	1
MNPCA1	S000-822		rush River, sh-93 by henderson	CWPRUSH	162
MNPCA1	S000-822		rush River, sh-93 by henderson	CSMP	146
MNPCA1	S000-822		rush River, sh-93 by henderson	MERCLKS/	1
MNPCA1	S003-371		rush r at 312 street. 2.7 mi sw of henderson, mn	CSMP	17
MNPCA1	S003-829		rush r at mn r confluence, 1.6 mi n of le sueur, mn	CSMP	4
MPCAB	03MN028		Rush River; 2 mi. S. of Henderson, upstream of bridge on Hwy 93	biocriteria	2

Aquatic life NS DO12 -- 0/23[2] DO5\_9am FS 0/1[1] DO5\_All FS 0/16[2] DO7 FS 0/7[1] +DOFinal IF[[1]] \$Turbid\_TT\_TSS NS 83/144[6](83/144[6] 54/169[6] 2/4[1])

Aquatic recreation NS !!!E. coli NS 10/45Ind 3/5mo

Ecoregion norms EX =NO2&NO3 EX 155/160[6] =Phosphorus EX 85/156[6]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07020012-523</b>	<b>5B</b>	<b>13.4</b>	<b>Silver Creek</b>	<b>CD 32 to Bevens Cr</b>	<b>2B, 3B</b>
MNPCA1	S000-843		silver cr.,csah-41 by east union		CARVER-L 16
MNPCA1	S000-843		silver cr.,csah-41 by east union		CCBEVENS 135
MNPCA1	S000-843		silver cr.,csah-41 by east union		MDAWQMP 19
MNPCA1	S002-513		silver ck at ohio ave, 3.3 mi sw of gotha, mn		CCBEVENS 12
MNPCA1	S002-515		silver ck at csah-52, 2.2 mi se of gotha, mn		CARVER-L 15
MNPCA1	S002-515		silver ck at csah-52, 2.2 mi se of gotha, mn		CCBEVENS 18

Aquatic life NS =Chloride FS 0/7[1] DO12 -- 4/24[4] DO5\_9am NS 2/15[3] DO5\_All NS 4/22[3] DO7 FS 0/2[2] !!!DOFinal NS[[2]] \$Turbid\_TT\_TSS NS 11/74[7](11/74[7] 4/53[8] 3/24[2])

Aquatic recreation IF \$E. coli IF 0/9Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 19/19[4] =Phosphorus EX 69/110[9]

<b>07020012-526</b>	<b>5C</b>	<b>2.1</b>	<b>Unnamed creek</b>	<b>Headwaters to Carver Cr</b>	<b>2B, 3B</b>
MNPCA1	S002-512		trib to carver ck at csah-43, 1.6 mi n of east union, mn		CCBEVENS 41
MNPCA1	S002-512		trib to carver ck at csah-43, 1.6 mi n of east union, mn		CARVER-L 10

Aquatic life FS =Turbid\_TT\_TSS FS 1/36[6](--/--[--] 1/36[6] --/--[--])

Aquatic recreation IF \$E. coli IF 3/10Ind 0/0mo

<b>07020012-527</b>	<b>5A</b>	<b>2.5</b>	<b>Unnamed ditch</b>	<b>Burandt Lk to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S002-504		bent ck at mn-5, 1.3 mi sw of waconia, mn		CARVERCK 104
MNPCA1	S002-504		bent ck at mn-5, 1.3 mi sw of waconia, mn		CARVER-L 16
MNPCA1	S002-504		bent ck at mn-5, 1.3 mi sw of waconia, mn		MDAWQMP 103

Aquatic life NS DO12 -- 2 21[4] DO5\_9am NS 1/14[3] DO5\_All FS 1/18[3] \$DO7 NS 1/3[3] \$DOFinal IF[[2]] !!!Turbid\_TT\_TSS NS 6/35[3](6/35[3] 1/58[8] 4/26[2])

Aquatic recreation IF \$E. coli IF 0/10Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 55/55[5] =Phosphorus EX 53/145[9]

<b>07020012-528</b>	<b>5C</b>	<b>2.0</b>	<b>Unnamed creek</b>	<b>Headwaters to Minnesota R</b>	<b>2B, 3B</b>
MNPCA1	S002-499		spring ck on 6th st, in carver, mn		CARVERCK 88
MNPCA1	S002-499		spring ck on 6th st, in carver, mn		CARVER-L 17

Aquatic life FS DO12 -- 0/22[3] DO5\_All FS 0/21[3] DO7 FS 0/1[1] +DOFinal IF[[2]] =Turbid\_TT\_TSS FS 1/25[3](1/25[3] 1/55[6] 1/20[2])

Aquatic recreation IF \$E. coli IF 0/10Ind 0/0mo

Ecoregion norms OK <>Phosphorus OK 3/39[5]

<b>07020012-533</b>	<b>3A</b>	<b>2.5</b>	<b>Unnamed ditch</b>	<b>T115 R26W S14, north line to CD 4A</b>	<b>7</b>
MNPCA1	S002-520		trib to co dt 4a at tacoma ave, 1 mi se of norwood yng ameri		CCBEVENS 174
MNPCA1	S002-520		trib to co dt 4a at tacoma ave, 1 mi se of norwood yng ameri		CARVER-L 17

Aquatic recreation IF +E. coli IF 1/8Ind 0/0mo

Limited Use Waters IF DO12 -- 0/24[3] DO5\_9am FS 0/0[1] DO5\_All FS 0/23[3] DO7 FS 0/1[1] +DOFinal FS[[2]]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020012-538	3B	1.8	Sand Creek	Raven Str to Porter Cr	2B, 3B
MNPCA1	S001-365		Sand Creek 2 mi e of mn-21 s of cr-8 in helena, mn		CSMP 17
MNPCA1	S001-763		sand ck at csah 8 in helena		SANDCK 13
MNPCA1	S001-763		sand ck at csah 8 in helena		CSMP 122
MPCAB	07MN055		Sand Creek; Upstream of 220th St, 3 mi. SE of Jordan		TMDL 1

Aquatic life NS +pH FS 0/18[2] !!!Turbid\_TT\_TSS NS 48/153[9](4/14[2] 44/139[8] --/--[--])

07020012-540	2	25.4	Porter Creek	Headwaters to Sand Cr	2B, 3B
MNPCA1	S001-366		porter ck 3/4 mi n of cr-8 on xanadu ave in helena, mn		CSMP 17
MNPCA1	S001-366		porter ck 3/4 mi n of cr-8 on xanadu ave in helena, mn		SANDCK 85
MNPCA1	S004-314		porter ck at csah-56 (100 yd e of csah-23) 9 mi s prior lake		CSMP 62
MNPCA1	S004-519		porter ck at jonquil ave, 2 1/2 mi sw of new market		SANDCK 66
MNPCA1	S004-588		porter ck, 5 mi se of jordan, mn		CSMP 25
MNPCA1	S004-589		porter ck at cr-64/newport ave, 7 mi ne of new prague, mn		SANDCK 12
MNPCA1	S004-589		porter ck at cr-64/newport ave, 7 mi ne of new prague, mn		CSMP 13
MNPCA1	S004-590		porter ck at zachary ave, 3.5 mi sw of new market, mn		CSMP 6
MNPCA1	S004-900		porter ck at csah-2 crossing, 7 mi e of new prague		SANDCK 12
MNPCA1	S004-905		porter ck at csah-86 crossing, 3 mi sw of new market		SANDCK 6
MNPCA1	S004-914		porter ck at xeon ave crossing, 6 mi se of jordan		SANDCK 9
MPCAB	99MN003		Porter Creek; upstream of Rice CR 3		metro surveys 1
MPCAB	99MN004		Porter Creek; upstream of Xanada Ave		metro surveys 1

Aquatic life NS +Chloride FS 0/82[5] DO12 -- 14/59[3] DO5\_9am NS 7/20[2] DO5\_All NS 12/37[3] DO7 FS 2/22[2] !!!DOFinal NS[[2]] +pH FS 0/92[3] !!!Turbid\_TT\_TSS NS 21/89[6](21/89[6] 26/120[4] 24/30[2])

Ecoregion norms EX +BOD5 EX 7/30[4] +Phosphorus EX 71/90[5]



AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07020012-541	5C	15.6	Raven Stream, West Branch	Headwaters (Rennenberg Lk 40-0088-00) to Sand Cr	2B, 3B
MCES	West Raven Creek 4.7		West Raven Creek near New Prague at Church Ave		120
MNPCA1	S000-841		raven stm.,csah-61 by st. benedict	CSMP	8
MNPCA1	S001-431		w branch raven str, 1/4 mi n of union hill	CSMP	18
MNPCA1	S001-732		w br raven str on st benedict rd in st benedict, mn	CSMP	274
MNPCA1	S001-732		w br raven str on st benedict rd in st benedict, mn	SANDCK	12
MNPCA1	S001-764		raven str at cr 64, 1 mi s of helena	SANDCK	72
MNPCA1	S001-764		raven str at cr 64, 1 mi s of helena	CSMP	94
MNPCA1	S001-765		raven str at mn-21, 2.3 mi s of helena	CSMP	37
MNPCA1	S004-617		w br raven str at church ave, 5 mi nw of new prague	SANDCK	37

Aquatic life NS !!!Chloride NS 8/188[10] DO12 -- 12 66[2] DO5\_9am NS 6/16[2] DO5\_All NS 9/45[2] DO7 NS 3/21[2] !!!DOFinal NS[[2]] +pH FS 1/102[2] <>Turbid\_TT\_TSS FS 14/163[10](14/163[10] 53/358[9] 7/16[3]) +Un-ionzed ammonia FS 0/13[2]

Aquatic recreation NS !!!E. coli NS 9/24Ind 2/2mo

Ecoregion norms EX +BOD5 EX 8/32[4] +Phosphorus EX 57/76[4]

07020012-543	3A	12.1	Raven Stream, East Branch	Headwaters (Lk Pepin 40-0028-00) to Raven Str	2B, 3B
MNPCA1	S000-753		ebr raven str at cr-54 1.5 mi nw of new prague	SANDCK	58

Aquatic life NS !!!Chloride NS 7/40[2] DO12 -- 1/58[2] DO5\_9am FS 1/11[2] DO5\_All FS 1/42[2] DO7 FS 0/16[2] +DOFinal IF[[2]] +pH FS 0/80[2] !!!Turbid\_TT\_TSS NS 8/58[2](8/58[2] --/--[2] --/--[2])

Ecoregion norms EX +Phosphorus EX 31/40[2]

07020012-545	2	14.9	Forest Prairie Creek	CD 29 to Minnesota R	2B, 3B
MNPCA1	S001-376		Forest Prairie Creek 2.5 mi e of le sueur, mn	CSMP	18
MNPCA1	S003-837		forest prairie ck, 1.5 mi w of csah-11, 6 mi ne of le sueur	CSMP	102
MNPCA1	S003-862		forest prairie (le sueur) ck at cr-117 in le sueur, mn	CSMP	78
MPCAB	03MN075		Forest Prairie Creek; Near Le Sueur on C.R. 116 about 1/4 mi W. of 310st Ave.	biocriteria	1

Aquatic life NS !!!Turbid\_TT\_TSS NS 52/196[6](0/1[1] 52/195[5] --/--[2])

07020012-546	2	24.7	Le Sueur Creek	CD 23 to Forest Prairie Cr	2B, 3B
MNPCA1	S001-387		le sueur ck 2 mi east of le sueur, mn	CSMP	27
MNPCA1	S003-781		le sueur ck, .1 mi e of twp rd 71, 3.8 mi w of le center, mn	CSMP	14
MNPCA1	S003-823		le sueur ck at township hwy 44, 1.3 mi e of le sueur, mn	CSMP	37
MNPCA1	S003-926		le sueur ck 0.3 mi w of cr-115, 2.6 mi se of le sueur, mn	CSMP	108
MPCAB	03MN074		Le Sueur Creek; Near Le Sueur at C.R. 116 about 1 mi W. of C.R. 15	biocriteria	1
MPCAB	07MN063		County Ditch 23; Downstream of Hwy 11, .5 mi. N of LeCenter	ref. ditches	1

Aquatic life NS !!!Turbid\_TT\_TSS NS 62/178[7](0/2[2] 62/176[6] --/--[2])

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07020012-548</b>	<b>2</b>	<b>11.5</b>	<b>Rush River</b>		<b>M Br Rush R to S Br Rush R</b>	<b>2B, 3B</b>	
MNPCA1	S002-935		rush r at 401st avenue, 8.1 mi se of gaylord, mn			CSMP	50
Aquatic life	NS		!!!Turbid_TT_TSS NS 26/50[3](-/--[--] 26/50[3] --/--[--])				
<b>07020012-553</b>	<b>5C</b>	<b>32.6</b>	<b>Rush River, South Branch</b>		<b>Unnamed ditch to Rush R</b>	<b>2B, 3B</b>	
MNPCA1	S002-932		s br, rush r at cr-63, 7.5 mi se of gaylord			CWPRUSH	70
MNPCA1	S002-944		s br rush r at csah-18, 6.8 mi sw of henderson, mn			CSMP	44
MPCAB	03MN025		South Branch Rush River; About 10 mi. W. of Le Sueur, upstream of bridge on C.R. 9			biocriteria	1
Aquatic life	NS		!!!Turbid_TT_TSS NS 7/59[3](7/59[3] 17/53[3] 0/2[1])				
Ecoregion norms	EX		=NO2&NO3 EX 54/70[3] =Phosphorus OK 4/69[3]				
<b>07020012-555</b>	<b>3B</b>	<b>14.8</b>	<b>Rush River, North Branch (Judicial Ditch)</b>		<b>Headwaters to Titlow Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-171		jd 18 on mn-22, 1 mi n of gaylord			CWPRUSH	7
MNPCA1	S003-902		jd-18 (rush r) 100 yds upst of csah-26, 3.8 mi nw of gaylord			CSMP	27
MNPCA1	S004-961		jd18 (rush r, nb) at 481st ave, 2 mi nw of gaylord			TITLOW-S	27
Aquatic life	FS		+pH FS 0/50[1] <>Turbid_TT_TSS FS 3/31[2](3/31[2] 2/28[2] --/--[--])				
Aquatic recreation	NS		!!!E. coli NS 5/15Ind 0/0mo				
Ecoregion norms	EX		+NO2&NO3 EX 17/22[2] +Phosphorus EX 5/21[2]				
<b>07020012-566</b>	<b>3A</b>	<b>0.4</b>	<b>Unnamed ditch</b>		<b>Meuwissen Lk to Lk Benton</b>	<b>2B, 3B</b>	
MNPCA1	S003-907		benton lk inlet at cologne wwtp in cologne			CARVER-L	7
MNPCA1	S003-907		benton lk inlet at cologne wwtp in cologne			CCBEVENS	6
MNPCA1	S003-907		benton lk inlet at cologne wwtp in cologne			CARVERLK	8
Aquatic life	NS		!!!Turbid_TT_TSS NS 8/29[3](2/8[1] 0/5[1] 6/16[2])				
Ecoregion norms	EX		+Phosphorus EX 15/21[3]				
<b>07020012-568</b>	<b>3B</b>	<b>2.0</b>	<b>Unnamed creek</b>		<b>Benton Lk to Carver Cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-486		benton lk outlet at mn-284, in benton, mn			CARVERCK	42
MNPCA1	S002-486		benton lk outlet at mn-284, in benton, mn			CARVER-L	6
Aquatic life	NS		!!!Turbid_TT_TSS NS 11/24[3](11/24[3] 8/14[3] 5/20[3])				
Ecoregion norms	EX		=Phosphorus EX 18/38[5]				
<b>07020012-578</b>	<b>5A</b>	<b>7.5</b>	<b>Buffalo Creek</b>		<b>Unnamed cr to High Island Cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-807		buffalo ck, at 270th st, 1.5 mi nw of henderson			CSMP	78
MNPCA1	S001-807		buffalo ck, at 270th st, 1.5 mi nw of henderson			CWPHIGH	172
MPCAB	90MN111		Buffalo Creek; 2 mi. NW of Henderson, upstream of twp. Rd.			mrap	1
Aquatic life	NS		DO12 -- 0/23[2] DO5_All FS 0/16[2] DO7 FS 0/7[1] +DOFinal IF[[1]] \$Turbid_TT_TSS NS 63/138[7](63/138[7] 31/94[7] 3/10[3])				
Aquatic recreation	NS		!!!E. coli NS 9/45Ind 2/4mo				
Ecoregion norms	EX		=BOD5 EX 6/33[3] =NO2&NO3 EX 149/168[8] =Phosphorus EX 74/165[8]				

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

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AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07020012-579</b>	<b>5C</b>	<b>4.0</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S004-904		unn str to louisville Swamp at csah-15, 5 mi so. of shakopee			SANDCK	8
MNPCA1	S004-915		unn str to louisville Swamp at zumbro ave, 5 mi s shakopee			SANDCK	7
MPCAB	01MN058		unnamed trib. to Sand Creek; 0.1 mi upstream of Zumbro Ave, 6 mi. W of Prior Lake			EMAP	2
MPCAB	01MN058		unnamed trib. to Sand Creek; 0.1 mi upstream of Zumbro Ave, 6 mi. W of Prior Lake			TMDL	1
Aquatic life	IF		+pH FS 0/18[3]				
<b>07020012-580</b>	<b>3A</b>	<b>1.0</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Sand Cr</b>		<b>2B, 3B</b>
MNPCA1	S004-522		unn str (to louisville Swamp) at frontage rd, 3 mi se carver			SANDCK	56
MNPCA1	S004-916		unn str to louisville Swamp, w of us-169, 4 mi s of shakopee			SANDCK	8
Aquatic life	FS		+Chloride FS 0/24[2] DO12 -- 1/56[2] DO5_9am FS 0/10[2] DO5_All FS 1/40[2] DO7 FS 0/16[2] +DOFinal IF[[2]] +pH FS 0/72[2] +Turbid_TT_TSS FS 4/55[2](4/55[2] --/--[2] --/--[2])				
Ecoregion norms	EX		+Phosphorus EX 6/25[2]				
<b>07020012-581</b>	<b>5A</b>	<b>3.1</b>	<b>Unnamed creek (East Creek)</b>		<b>Unnamed cr to Minnesota R</b>		<b>2B, 3B</b>
MNPCA1	S001-761		e chaska ck in chaska			CARVER-L	16
MNPCA1	S001-761		e chaska ck in chaska			CCECHASC	93
MNPCA1	S001-761		e chaska ck in chaska			CSMP	83
MNPCA1	S002-541		trib to mn r at carver co courthouse, in carver, mn			CCECHASC	85
MNPCA1	S002-541		trib to mn r at carver co courthouse, in carver, mn			CARVER-L	17
MPCAB	01MN008		East Creek; Upstream Engler Blvd, 2 mi N of Chaska			EMAP	1
Aquatic life	NS		\$Turbid_TT_TSS NS 13/50[5](13/50[5] 31/123[7] 1/24[2])				
Aquatic recreation	IF		\$E. coli IF 1/10Ind 0/0mo				
Ecoregion norms	EX		=Phosphorus EX 16/66[7]				
<b>07020012-586</b>	<b>3B</b>	<b>7.2</b>	<b>Rush River, Middle Branch (County Ditch)</b>		<b>Unnamed ditch to T112 R30W S13, east line</b>		<b>2B, 3B</b>
MNPCA1	S000-489		middle br rush r at mn-15 1.5 mi s of winthrop			CWPRUSH	6
MNPCA1	S002-939		mid br rush r at csah-25, 2 mi sw of winthrop, mn			CSMP	92
MNPCA1	S002-939		mid br rush r at csah-25, 2 mi sw of winthrop, mn			CWPRUSH	1
MNPCA1	S003-375		rush r, mid br at 571st avenue, 2.5 mi sw of winthrop, mn			CSMP	39
Aquatic life	FS		<>Turbid_TT_TSS FS 11/135[5](1/6[1] 10/129[5] --/--[2])				
<b>07020012-588</b>	<b>5A</b>	<b>1.9</b>	<b>High Island Ditch 2</b>		<b>Unnamed cr to High Island Cr</b>		<b>2B, 3B</b>
MNPCA1	S001-809		sibley co. dt no. 2, at 401 avenue, 1/2 mi n of arlington			CSMP	50
MNPCA1	S001-809		sibley co. dt no. 2, at 401 avenue, 1/2 mi n of arlington			CWPHIGH	11
Aquatic life	NS		\$Turbid_TT_TSS NS 13/44[3](--/--[2] 13/38[3] 0/6[1])				
Ecoregion norms	EX		=NO2&NO3 EX 8/11[2] =Phosphorus EX 8/11[2]				

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<b>07020012-589</b>	<b>5A</b>	<b>31.2</b>	<b>High Island Creek</b>		<b>Unnamed cr to Minnesota R</b>		<b>2B, 3B</b>
MNPCA1	S000-437		high island ck at rd in s14 1 mi e of arlington			CWPHIGH	4
MNPCA1	S000-438		high island ck at cr-66 at arlington			CWPHIGH	12
MNPCA1	S000-676		high island cr., csah-6 by henderson			CWPHIGH	189
MNPCA1	S001-808		high island ck, trocke brg at csah-11, 3 mi e of arlington			CSMP	20
MNPCA1	S001-872		high island ck at csah-6, 2 mi n of henderson			CSMP	28
MNPCA1	S001-873		high island ck, sportsman brg, at cr-66, 1 mi e of arlington			CSMP	20
MNPCA1	S001-891		high island ck at csah 9, 1 mi nw of arlington			CSMP	11
MNPCA1	S001-891		high island ck at csah 9, 1 mi nw of arlington			CWPHIGH	169
MPCAB	01MN062		High Island Creek; .5 mi S of CR 12, approx. 5 mi. SE of Arlington			EMAP	1
Aquatic life	NS	DO12 -- 0/23[2]	DO5_9am FS 0/1[1]	DO5_All FS 0/16[2]	DO7 FS 0/7[1]	+DOFinal IF[[1]]	\$Turbid_TT_TSS NS 99/149[7](99/149[7] 26/82[7] 7/12[3])
Aquatic recreation	NS	!!!E. coli NS 9/48Ind 3/5mo					
Ecoregion norms	EX	=BOD5 OK 2/36[3]	=NO2&NO3 EX 253 369[8]	=Phosphorus EX 52/182[8]			
<b>07020012-590</b>	<b>3B</b>	<b>13.8</b>	<b>Judicial Ditch 11</b>		<b>CD 103 to CD 10</b>		<b>2B, 3B</b>
MNPCA1	S002-277		high island ck at csah-8, 6 mi sw of stewart			CWPHIGH	11
Ecoregion norms	EX	<>BOD5 OK 1/10[2]	=NO2&NO3 EX 7/11[2]	=Phosphorus EX 6/11[2]			
<b>07020012-591</b>	<b>2</b>	<b>6.7</b>	<b>Judicial Ditch 24</b>		<b>Headwaters to JD 11</b>		<b>2B, 3B</b>
MNPCA1	S001-630		jd 24 at cr-51, 3 mi s of stewart			CSMP	27
Aquatic life	FS	=Turbid_TT_TSS FS 0/27[2](--/--[2] 0/27[2] --/--[2])					
<b>07020012-594</b>	<b>2</b>	<b>1.6</b>	<b>Unnamed creek (County Ditch 30)</b>		<b>Headwaters to Bakers Lk</b>		<b>2B, 3B</b>
MNPCA1	S001-627		co dtch no 30 at robin ave, 3 mi sw of brownton			CSMP	104
Aquatic life	FS	=Turbid_TT_TSS FS 0/104[7](--/--[7] 0/104[7] --/--[7])					
<b>07020012-596</b>	<b>3B</b>	<b>3.1</b>	<b>Judicial Ditch 19 (High Island Lake Inlet</b>		<b>Headwaters to High Island Lk</b>		<b>2B, 3B</b>
MNPCA1	S002-305		jd 19 at mn-22, .5 mi n of new auburn			CWPHIGH	14
Ecoregion norms	EX	=NO2&NO3 EX 7/11[1]	=Phosphorus EX 5/14[1]				
<b>07020012-598</b>	<b>5C</b>	<b>3.2</b>	<b>Buffalo Creek (County Ditch 59)</b>		<b>High Island Ditch 5 to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S002-306		buffalo ck on csah 17, 3.5 mi se of arlington			CWPHIGH	33
Aquatic life	NS	!!!Turbid_TT_TSS NS 7/39[3](4/15[1] 3/12[2] 0/12[2])					
Ecoregion norms	EX	=BOD5 OK 2/29[3]	=NO2&NO3 EX 30/33[3]	=Phosphorus EX 27/33[3]			
<b>07020012-599</b>	<b>3D</b>	<b>0.4</b>	<b>Unnamed creek</b>		<b>Spring Lk to Upper Prior Lk</b>		<b>2B, 3B</b>
MNPCA1	S001-392		unn trib to prior lk at csah-12 in sw prior lake			CSMP	53
Aquatic life	FS	=Turbid_TT_TSS FS 1/53[6](--/--[6] 1/53[6] --/--[6])					

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07020012-601</b>	<b>2</b>	<b>8.7</b>	<b>Ninemile Creek, South Fork</b>		<b>Minnetoga Lk (27-0088-00) to Ninemile Cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-858		ninemile ck, s fk, at rowland rd in eden prairie, mn			CSMP	21
MPCAB	03MN059		Ninemile Creek, South Fork; S.W. corner of 78th St. and Creekbridge Ctr intersection (7808 Creekbridge Circle)			TMDL	1
MPCAB	03MN059		Ninemile Creek, South Fork; S.W. corner of 78th St. and Creekbridge Ctr intersection (7808 Creekbridge Circle)			biocriteria	1
Aquatic life	FS		+Turbid_TT_TSS FS 0/23[3](0/2[2] 0/21[1] --/--[--])				
<b>07020012-604</b>	<b>3B</b>	<b>2.8</b>	<b>Unnamed creek (County Ditch 13)</b>		<b>Unnamed ditch to Spring Lk (70-0054-00)</b>	<b>2B, 3B</b>	
MNPCA1	S002-896		unn stream at mn-13 in sec 8, se of Spring Lake			PLSLCD13	47
MNPCA1	S003-268		cd-13 at csah-13, 0.8 mi n of lydia, minnesota			PLSLCD13	48
MNPCA1	S003-269		cd-13 at csah-13, outlet tmt wl 2.5 mi n of lydia, minnesota			PLSLCD13	50
Aquatic life	FS		=pH FS 0/38[1] =Turbid_TT_TSS FS 3/100[4](--/--[--] --/--[--] 3/100[4])				
Ecoregion norms	EX		=Phosphorus EX 35/50[4]				
<b>07020012-610</b>	<b>3D</b>	<b>2.9</b>	<b>Unnamed ditch (County Ditch 55)</b>		<b>Headwaters (Altnow Lk 72-0039-00) to N Br Rush R</b>	<b>2B, 3B</b>	
MNPCA1	S002-938		co dtch-55 0.5 mi w of csah-13, 3.4 mi ne of gaylord, mn			CSMP	61
Aquatic life	FS		=Turbid_TT_TSS FS 0/61[6](--/--[--] 0/61[6] --/--[--])				
<b>07020012-618</b>	<b>5C</b>	<b>0.9</b>	<b>Unnamed creek</b>		<b>Goose Lk (10-0089-00) to Unnamed wetland</b>	<b>2B, 3B</b>	
MNPCA1	S002-491		goose lk outlet at csah-10, 0.6 mi n of maple, mn			CARVER-L	12
MNPCA1	S002-491		goose lk outlet at csah-10, 0.6 mi n of maple, mn			CARVERCK	16
Aquatic life	FS		+Turbid_TT_TSS FS 2/26[3](--/--[--] 2/14[2] 0/12[2])				
Aquatic recreation	IF		\$E. coli IF 0/7Ind 0/0mo				
<b>07020012-619</b>	<b>5C</b>	<b>1.6</b>	<b>Unnamed creek (Lake Waconia Inlet)</b>		<b>Unnamed wetland to Lk Waconia</b>	<b>2B, 3B</b>	
MNPCA1	S002-503		waconia lk inlet at n shore rd, 1 mi e maple, mn			CARVERCK	41
MNPCA1	S002-503		waconia lk inlet at n shore rd, 1 mi e maple, mn			CARVER-L	4
Aquatic life	FS		=Turbid_TT_TSS FS 0/21[3](0/21[3] 0/18[3] 0/12[2])				
Ecoregion norms	EX		=Phosphorus EX 20/31[5]				
<b>07020012-621</b>	<b>3A</b>	<b>1.8</b>	<b>Unnamed creek</b>		<b>Reitz Lk to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-492		trib to carver ck at csah-10, 1.5 mi se of waconia, mn			CARVER-L	15
MNPCA1	S002-492		trib to carver ck at csah-10, 1.5 mi se of waconia, mn			CARVERCK	23
Aquatic life	NS		!!!Turbid_TT_TSS NS 5/34[3](0/8[1] 1/14[2] 4/12[1])				
Aquatic recreation	IF		+E. coli IF 1/9Ind 0/0mo				
Ecoregion norms	EX		+Phosphorus EX 2/15[3]				
<b>07020012-623</b>	<b>3A</b>	<b>0.5</b>	<b>Unnamed creek</b>		<b>Lk Waconia to Burandt Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-502		waconia lk outlet on csah-30, 0.7 mi nw of waconia, mn			CARVERCK	19
Ecoregion norms	OK		=Phosphorus OK 0/10[1]				

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Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				
<b>07020012-625</b>	<b>3B</b>	<b>0.1</b>	<b>Unnamed creek</b>		<b>Black Dog Lk to Minnesota R</b>	<b>2B, 3B</b>	
MNPCA1	S003-455		black dog lk outlet, 0.25 mi e of i-35w in burnsville, mn			CSMP	97
MNPCA1	S003-455		black dog lk outlet, 0.25 mi e of i-35w in burnsville, mn			BLACKDOG	6
Aquatic life	NS	+pH FS 0/12[1] !!!Turbid_TT_TSS NS 102/103[5](6/6[1] 96/97[5] --/--[--])					
<b>07020012-628</b>	<b>5C</b>	<b>2.1</b>	<b>County Ditch 10</b>		<b>CD 3 to Raven Str</b>	<b>2B, 3B</b>	
MCES	Scott County Ditch 10 0.3		Scott County Ditch 10 at Church Ave				130
MNPCA1	S004-618		cd #10 at church ave, 5 1/4 mi nw of new prague			SANDCK	40
Aquatic life	NS	=Chloride FS 0/159[10] DO12 -- 6/34[2] DO5_9am NS 4/13[2] DO5_All NS 6/20[2] DO7 FS 0/14[2] !!!DOFinal NS[[2]] +pH FS 0/54[2] +Turbid_TT_TSS FS 12/127[10](12/127[10] --/--[--] 0/8[2]) +Un-ionzed ammonia FS 0/16[2]					
Aquatic recreation	NS	!!!E. coli NS 8/29Ind 2/3mo					
Ecoregion norms	EX	+BOD5 EX 5 22[2] +Phosphorus EX 15/32[2]					
<b>07020012-629</b>	<b>5C</b>	<b>1.7</b>	<b>Judicial Ditch 22</b>		<b>Unnamed cr to Silver Cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-514		trib to silver ck at csah-53, 1.7 mi s of gotha, mn			CCBEVENS	33
MNPCA1	S002-514		trib to silver ck at csah-53, 1.7 mi s of gotha, mn			CARVER-L	5
Aquatic life	NS	!!!Turbid_TT_TSS NS 16/46[5](6/16[2] 8/14[2] 2/16[2])					
Ecoregion norms	EX	+Phosphorus EX 20/28[4]					
<b>07020012-648</b>	<b>3A</b>	<b>1.6</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Mud Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-815		trib to high island ck at leaf ave, 2.7 mi sw of new auburn			CSMP	40
Aquatic life	NS	!!!Turbid_TT_TSS NS 6/40[3](--/--[--] 6/40[3] --/--[--])					
<b>07020012-652</b>	<b>3A</b>	<b>0.1</b>	<b>Unnamed creek</b>		<b>Black Dog Lk to Minnesota R</b>	<b>2B, 3B</b>	
MNPCA1	S005-003		unn str (blk dog otl), .15 mi upstr of mn-77 in bloomington			BLACKDOG	6
Aquatic life	IF	+pH FS 0/12[1]					
<b>07020012-653</b>	<b>5A</b>	<b>7.1</b>	<b>High Island Creek</b>		<b>JD 15 to Bakers Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-629		high island ck at csah-7 brg, 4 mi se of stewart			CWPHIGH	35
MNPCA1	S001-629		high island ck at csah-7 brg, 4 mi se of stewart			CSMP	173
MNPCA1	S001-631		high island ck at cr-54 brg, 4.5 mi sw of brownton			CSMP	171
MPCAB	07MN083		High Island Creek; South of CR 51, 4.5 mi. SE of Stewart			ref. ditches	1
Aquatic life	NS	\$Turbid_TT_TSS NS 31/216[9](3/16[2] 25/186[9] 3/14[3])					
Ecoregion norms	EX	=BOD5 OK 1/31[3] =NO2&NO3 EX 30/37[4] =Phosphorus EX 10/36[4]					

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07020012-654	5A	10.1	High Island Creek	Bakers Lk to Unnamed cr	2B, 3B	
MNPCA1	S001-626		high island ck at csah-13 brg, 4 mi w of new auburn		CSMP	146
MNPCA1	S001-626		high island ck at csah-13 brg, 4 mi w of new auburn		CWPHIGH	36
MNPCA1	S002-307		high island lk outlet, just w of mn-22, 2 mi s of new auburn		CWPHIGH	11

Aquatic life      NS      \$Turbid\_TT\_TSS NS 8/24[2](8/24[2] 8/154[7] 0/10[2])  
 Ecoregion norms      EX      =BOD5 OK 1/32[3] =NO2&NO3 EX 24/45[3] =Phosphorus EX 12/46[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07020012-661	3A	3.5	County Ditch 30 (County Ditch 54)	CD 22 to T112 R23W S26, north line	7	
MNPCA1	S004-902		cd30 (cd54) dwnstrm Lake Pepin on cr-144, 3 mi ne montgomery		SANDCK	11
MNPCA1	S004-911		sand ck at csah-28 crossing, 3 1/2 mi no. of montgomery		SANDCK	13
MPCAB	03MN077		County Ditch #30; 1 mi. N. of Montgomery		biocriteria	1

Limited Use Waters      IF      +pH FS 0/10[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07020012-662	3B	20.7	Sand Creek	T112 R23W S23, south line to Raven Str	2B, 3B	

MNPCA1	S001-760		sand ck at 270th st, 2 mi ne of new prague		CSMP	46
MNPCA1	S004-516		sand ck at cr-145, 2.5 mi se of new prague		SANDCK	57
MNPCA1	S004-518		sand ck at csah-2, 1 3/4 mi n of new prague		SANDCK	103
MNPCA1	S004-795		sand ck just s of csah-8, 5 mi se of jordan		CSMP	6
MNPCA1	S004-899		sand ck at csah-15 crossing, 5 mi se of jordan		SANDCK	11
MNPCA1	S004-909		sand ck at mn-19 crossing, 1 1/2 mi e of new prague		SANDCK	12
MPCAB	07MN056		Sand Creek; Downstream of CR 15, 4 mi. SE of Jordan		TMDL	1

Aquatic life      NS      !!!Chloride NS 10/92[5] DO12 -- 17/71[2] DO5\_9am NS 6/11[2] DO5\_All NS 17/48[2] DO7 FS 0/23[2] !!!DOFinal NS[[2]] +pH FS 0/108[2] !!!Turbid\_TT\_TSS NS 56/98[5](56/98[5] 18/52[3] 33/38[2])  
 Ecoregion norms      EX      +BOD5 EX 17/25[3] +Phosphorus EX 83/98[5]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07020012-663	3A	2.2	Unnamed creek	Rice Lk to Lk Sanborn	2B, 3B	

MNPCA1	S001-792		unn outlet from rice lk (sand ck) at brg, 3 mi ne montgomery		CSMP	8
MNPCA1	S004-908		unn otlt from rice lk upst of cr-142, 3 mi ne montgomery		SANDCK	25

Aquatic life      NS      +Chloride FS 0/14[1] DO12 -- 5/25[1] DO5\_9am NS 1/2[1] DO5\_All NS 4/19[1] DO7 NS 1/6[1] !!!DOFinal NS[[1]] +pH FS 2/16[1] +Turbid\_TT\_TSS FS 3/33[2](3/24[1] 0/9[2] --/--[--])  
 Ecoregion norms      EX      +Phosphorus EX 10/14[1]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07020012-684		2.0	Unnamed creek	Unnamed cr to Sand Cr	2B, 3B	

MNPCA1	S004-521		unn str (trib to sand ck) at csah-2, 2 1/4 mi ne new prague		SANDCK	61
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Aquatic life      NS      +Chloride FS 0/32[4] DO12 -- 12 42[2] DO5\_9am NS 1/4[2] DO5\_All NS 12/27[2] DO7 FS 0/15[2] !!!DOFinal NS[[2]] +pH FS 0/44[2] +Turbid\_TT\_TSS FS 4/56[4](4/56[4] --/--[--] 3/10[1])  
 Ecoregion norms      EX      +BOD5 EX 2/13[2] +Phosphorus EX 28/46[4]

AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07020012-685</b>		<b>0.5</b>	<b>Unnamed creek</b>		<b>Unnamed lk (70-0039-00) to Cedar Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-520		unn inlet to cedar lk at 247th st, 4 1/2 mi ne of new prague			SANDCK	35
Aquatic life	NS		+Chloride FS 0/5[1] DO12 -- 6/34[2] DO5_9am NS 1/1[1] DO5_All NS 6/17[2] DO7 FS 0/17[2] !!!DOFinal NS[[2]] +pH FS 0/34[2] +Turbid_TT_TSS FS 0/35[2](0/35[2] --/--[--] --/--[--])				
Ecoregion norms	EX		+Phosphorus EX 20/23[2]				
<b>07020012-686</b>		<b>0.8</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Cody Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-517		unn str (upstrm of cody lk) at 80th st w 2 1/2 mi w lonsdale			SANDCK	24
Aquatic life	NS		+Chloride FS 0/6[1] DO12 -- 12 23[2] DO5_9am NS 5/5[2] DO5_All NS 12/17[2] DO7 FS 0/6[2] !!!DOFinal NS[[1]] +pH FS 0/32[2] !!!Turbid_TT_TSS NS 8/23[2](8/23[2] --/--[--] --/--[--])				
<b>07020012-703</b>		<b>3.5</b>	<b>Unnamed creek</b>		<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-901		unn str to louisville Swamp at cr-79, 5 mi so. shakopee			SANDCK	7
Aquatic life	IF		+pH FS 0/12[2]				
<b>07020012-704</b>		<b>1.8</b>	<b>Unnamed creek</b>		<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-897		unn str to unn ck (louisville Swamp) w 170th 5 mi s shakopee			SANDCK	6
Aquatic life	IF		+pH FS 0/10[2]				
<b>07020012-710</b>		<b>7.2</b>	<b>Bluff Creek</b>		<b>Headwaters to Rice Lk</b>	<b>2B, 3B</b>	
MCES	Bluff Creek 3.5		Bluff Creek at Hwy-212 in Chanhassen				117
MNPCA1	S004-963		bluff ck at csah-14 (pioneer trail), 2.5 mi n of shakopee			BLUFF-L	9
MPCAB	00MN008		Bluff Creek; upstream of Hwy 212			metro surveys	1
Aquatic life	NS		+Chloride FS 1/113[10] DO12 -- 2 50[6] DO5_All FS 2/27[5] DO7 FS 0/23[5] +DOFinal IF[[2]] !!!Turbid_TT_TSS NS 21/114[11](21/114[11] --/--[--] --/--[--])				
Aquatic recreation	IF		+E. coli IF 0/2Ind 0/0mo				
<b>07020012-713</b>			<b>Unnamed ditch</b>		<b>Headwaters to Titlow Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-960		unn str (lk titlow inlet) at 250th ave, 2 mi ne of gaylord			TITLOW-S	24
Aquatic life	IF		+pH FS 0/46[1]				
Aquatic recreation	IF		+E. coli IF 3/13Ind 0/0mo				
Ecoregion norms	EX		+NO2&NO3 EX 11/13[1] +Phosphorus EX 3/13[1]				
<b>07020012-714</b>			<b>County Ditch #18</b>		<b>CD #40 to Titlow Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-962		cd18 at 481st ave, 1 mi nw of gaylord			TITLOW-S	26
Aquatic life	IF		+pH FS 2/48[1]				
Aquatic recreation	IF		+E. coli IF 6/16Ind 0/0mo				
Ecoregion norms	EX		+NO2&NO3 EX 13 15[1] +Phosphorus EX 6/15[1]				



AUID	Category	Miles	Reach Name	Basin: MN	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates
07020012-903		0.0	Unnamed inlet		to High Island Lk	2B, 3B		
MNPCA1	S002-309		high island lk inlet, 1.5 mi e of new auburn				CWPHIGH	12
Ecoregion norms	EX	<>NO2&NO3 OK 1/10[1] =Phosphorus EX 4/12[1]						
07020012-906		0.0	Willow Creek		Underground str near Hwy 13 and Washburn Ave	2B, 3B		
MCES	Willow Creek 1		Willow Creek 300m north of Hwy 13, Burnsville					110
Aquatic life	FS	Chloride NA 7/83[9] DO12 -- 0/21[2] DO5_9am FS 0/5[1] DO5_All FS 0/11[2] DO7 FS 0/10[2] +DOFinal IF[[1]] +Turbid_TT_TSS FS 2/91[10](2/91[10] --/--[10] --/--[10] --/--[10])						
Aquatic recreation	IF	+E. coli IF 1/31Ind 1/3mo						
07020012-907	3A	0.2	Unnamed creek (Goose Lake Inlet)		to Goose Lk (10-0089-00)	2B, 3B		
MNPCA1	S002-500		goose lk inlet, at csah-30, 1.9 mi se mayer, mn				CARVERCK	18
MNPCA1	S002-500		goose lk inlet, at csah-30, 1.9 mi se mayer, mn				CARVER-L	6
Aquatic recreation	IF	+E. coli IF 0/6Ind 0/0mo						

AUID	Category	Miles	Reach Name	Basin: MO	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

**HUC: 10170203      DNR Major: 82      HUC NAME: BIG SIOUX-Pipestone**

10170203-501	5A	8.9	Pipestone Creek	N Br Pipestone Cr to MN/SD border (Pipestone County)	2C, 3C
MNPCA1	S000-099		Pipestone Creek br on n line of s24 (t106n/r47w)		PIPE_CR 1
MNPCA1	S000-099		Pipestone Creek br on n line of s24 (t106n/r47w)		MERCLKS/ 5
MNPCA1	S000-099		Pipestone Creek br on n line of s24 (t106n/r47w)		LOADSTDY 1
MNPCA1	S000-099		Pipestone Creek br on n line of s24 (t106n/r47w)		MILE 45
MNPCA1	S000-099		Pipestone Creek br on n line of s24 (t106n/r47w)		11

Aquatic life      NS      +Arsenic FS 0/7[4] +Cadmium FS 0/5[4] +Chromium FS 0/7[4] +Copper FS 0/7[4] DO12 -- 4/43[8] DO5\_9am NS 2/2[2] DO5\_All NS 3/25[6] DO7 FS 1/18[7] !!!DOFinal NS[[1]] +Lead FS 0/7[4] +Mercury FS 1/7[4] +Nickel FS 0/7[4] =pH FS 2/80[8] \$Turbid\_TT\_TSS NS 27/45[8](27/45[8] 1/1[1] --/--)) +Un-ionzed ammonia FS 1/34[7] +Zinc FS 0/7[4]

Aquatic recreation      NS      !!!E. coli NS 3/24Ind 0/0mo

Ecoregion norms      EX      =BOD5 EX 6/12[3] =NO2&NO3 EX 36/37[8] =Phosphorus EX 9/31[8]

10170203-507	5C	13.5	Split Rock Creek	Split Rock Lk to Pipestone Cr	2C, 3C
MNPCA1	S001-139		split rock c at rd btwn s13/24 4 m sw of jasper		SPLTRKCK 19
MNPCA1	S001-141		split rk c at rd btwn s12/13 2.5 m sw of jasper		SPLTRKCK 18
MNPCA1	S001-142		split rock c at rd btwn s1/12 1.5 m sw of jasper		SPLTRKCK 17
MNPCA1	S001-144		split rock c 0.2 m w of jasper at county line		SPLTRKCK 18
MNPCA1	S002-358		SPLIT ROCK CK on unn rd, just e of mn-23, 1.5 mi n of jasper		SPLTRKCK 16
MNPCA1	S004-529		SPLIT ROCK CK at cr-20 dwstrm split rock lk, 1 mi so. ihlen		SPLTRKCK 12
MPCAB	04MS005		Split Rock Creek; upstream of CR 53, 1.4 miles NE of Jasper		EMAP 1

Aquatic life      NS      DO12 -- 15/20[3] DO5\_9am NS 12/15[2] DO5\_All NS 15/20[3] \$DOFinal NS[[1]] +pH FS 0/10[2] +Un-ionzed ammonia FS 0/5[1]

10170203-514	5A	28.1	Pipestone Creek, North Branch	Headwaters to Pipestone Cr	2B, 3B
MNPCA1	S001-904		n branch pipestone ck at cr 71 brg		CSMP 90
MNPCA1	S001-904		n branch pipestone ck at cr 71 brg		PIPE_CR 64
MNPCA1	S002-380		pipestone ck, n br at cr-53, 2 mi sw of cazenovia		PIPE_CR 1

Aquatic life      NS      DO12 -- 6/44[2] DO5\_9am FS 1/10[2] DO5\_All NS 6/41[2] DO7 FS 0/3[1] !!!DOFinal NS[[1]] =pH FS 0/88[2] \$Turbid\_TT\_TSS NS 15/43[3](15/43[3] 64/107[7] --/--))

Ecoregion norms      EX      =NO2&NO3 EX 44/44[3] =Phosphorus EX 5/41[3]

10170203-522	3A	17.4	Beaver Creek	Little Beaver Cr to MN/SD border	2C, 3C
MNPCA1	S004-811		beaver ck on 10th ave brg, 1 mi w of manley		BEAVER-S 16

Aquatic life      IF      +pH FS 0/32[1]

Aquatic recreation      NS      !!!E. coli NS 7/16Ind 0/0mo

Ecoregion norms      EX      +NO2&NO3 EX 16/16[1] +Phosphorus EX 3/16[1]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: MO**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

10170203-527	5A	2.0	Main Ditch	CD A to Pipestone Cr	2B, 3B
MNPCA1	S000-646		Main Ditch on mn-23 at pipestone		CSMP 74
MNPCA1	S000-646		Main Ditch on mn-23 at pipestone		MDAWQMP 15
MNPCA1	S000-646		Main Ditch on mn-23 at pipestone		PIPE_CR 65
MNPCA1	S000-646		Main Ditch on mn-23 at pipestone		LOADSTDY 49
MPCAB	04MS055		Pipestone Creek; in North Pipestone		biocriteria 1
Aquatic life	NS	+Chloride FS 0/48[2] DO12 -- 7/93[4] DO5_9am NS 4/23[4] DO5_All FS 7/83[4] DO7 FS 0/10[3] !!!DOFinal NS[[3]] =pH FS 1/184[4] \$Turbid_TT_TSS NS 15/91[5](15/91[5] 7/85[7] 0/2[1]) +Un-ionized ammonia FS 0/24[1]			
Ecoregion norms	EX	=NO2&NO3 EX 108/109[7] <>Phosphorus OK 6/103[7]			

**HUC: 10170204      DNR Major: 83      HUC NAME: ROCK RIVER**

10170204-501	5A	11.6	Rock River	Elk Cr to MN/IA border	2C, 3C
MNPCA1	S000-097		rock River br on stateline rd 10 mi s of luverne		ROCK 12
MNPCA1	S000-097		rock River br on stateline rd 10 mi s of luverne		MILE 46
MNPCA1	S000-097		rock River br on stateline rd 10 mi s of luverne		11
MNPCA1	S000-097		rock River br on stateline rd 10 mi s of luverne		MERCLKS/ 4
MNPCA1	S000-687		rock r at csah-1 7 mi s of luverne		ROCK 12
MPCAB	04MS016		Rock River; ~3 miles upstream of County Route 1, Clinton Township		EMAP 1
Aquatic life	NS	+Arsenic FS 0/6[3] +Chromium FS 0/6[3] +Copper FS 0/6[3] DO12 -- 1/55[9] DO5_9am FS 0/7[3] DO5_All FS 1/34[6] DO7 FS 0/21[9] +DOFinal IF[[1]] +Lead FS 0/6[3] +Mercury FS 0/6[3] +Nickel FS 0/6[3] =pH FS 0/108[9] \$Turbid_TT_TSS NS 23/46[7](23/46[7] 3/13[3] --/--[--]) +Un-ionized ammonia FS 0/35[7] +Zinc FS 0/6[3]			
Aquatic recreation	IF	\$E. coli IF 2/24Ind 0/0mo			
Ecoregion norms	EX	=BOD5 EX 3/12[3] =NO2&NO3 EX 61/62[9] =Phosphorus EX 7/43[8]			
10170204-506	3B	15.7	Rock River	Poplar Cr to Unnamed cr	2C, 3C
MNPCA1	S000-147		rock River csah-7 e of hardwick		ROCK 12
MPCAB	04MS032		Rock River; downstream of CR 21, 4 miles NE of Kenneth		EMAP 1
Aquatic life	IF	+pH FS 0/26[3]			
Ecoregion norms	EX	+NO2&NO3 EX 13 13[3] +Phosphorus OK 1/13[3]			

AUID	Category	Miles	Reach Name	Basin: MO	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				
<b>10170204-508</b>	<b>3B</b>	<b>4.4</b>	<b>Rock River</b>		<b>Unnamed cr to Champepadan Cr</b>	<b>2C, 3C</b>	
MNPCA1	S004-390		rock r at csah-8 brg, 3 mi n of luverne			ROCK	12
Aquatic life	IF	+pH FS 1/24[2]					
Ecoregion norms	EX	+NO2&NO3 EX 12/12[2] +Phosphorus OK 0/12[2]					
<b>10170204-509</b>	<b>5C</b>	<b>12.8</b>	<b>Rock River</b>		<b>Champepadan Cr to Elk Cr</b>	<b>2C, 3C</b>	
MNPCA1	S000-690		rock r at chicago & nw rr in s11 at luverne			LOADSTDY	26
MNPCA1	S001-359		rock River at csah 16 br 2 mi s of luverne, mn			LOADSTDY	1
MNPCA1	S001-359		rock River at csah 16 br 2 mi s of luverne, mn			CSMP	69
MNPCA1	S005-381		rock r at csah-4 in luverne			MDAWQMP	12
MPCAB	04MS019		Rock River; Upstream of County Route 4, 1 mile E of Luverne			EMAP	2
Aquatic life	NS	+Chloride FS 0/27[2] DO12 -- 0/28[3] DO5_All FS 0/21[2] DO7 FS 0/7[2] +DOFinal IF[[1]] =pH FS 0/56[3] \$Turbid_TT_TSS NS 13/28[3](13/28[3] 62/69[5] --/--[--])					
Ecoregion norms	EX	=NO2&NO3 EX 40/41[4] +Phosphorus OK 2/40[4]					
<b>10170204-513</b>	<b>5C</b>	<b>2.2</b>	<b>Little Rock River</b>		<b>Little Rock Cr to MN/IA border</b>	<b>2C, 3C</b>	
MNPCA1	S004-928		Little Rock River on 340th st, 8 1/2 mi s of rushmore			LROCKR-S	18
Aquatic life	IF	=pH FS 0/36[1]					
Aquatic recreation	NS	!!!E. coli NS 8/18Ind 0/0mo					
<b>10170204-514</b>	<b>3A</b>	<b>17.1</b>	<b>Kanaranzi Creek, East Branch</b>		<b>Headwaters to Kanaranzi Cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-927		kanaranzi ck e br at dolan ave, 2 mi ne of adrian			KANARZ-S	18
MPCAB	04MS050		East Branch Kanaranzi Creek; ~3 miles ENE of Adrian, E of CR 15			biocriteria	1
Aquatic life	IF	+pH FS 0/38[2]					
Aquatic recreation	NS	!!!E. coli NS 5/18Ind 0/0mo					
Ecoregion norms	EX	+NO2&NO3 EX 15/19[2] +Phosphorus OK 0/19[2]					
<b>10170204-517</b>	<b>3A</b>	<b>6.7</b>	<b>Kanaranzi Creek</b>		<b>Norwegian Cr to MN/IA border</b>	<b>2C, 3C</b>	
MNPCA1	S004-717		kanaranzi ck at mn/ia border, 5.25 mi nw of ellsworth, mn			CSMP	25
MNPCA1	S004-717		kanaranzi ck at mn/ia border, 5.25 mi nw of ellsworth, mn			KANARZ-S	18
Aquatic life	NS	+pH FS 0/36[1] !!!Turbid_TT_TSS NS 25/43[2](13/18[1] 12/25[1] --/--[--])					
Aquatic recreation	NS	!!!E. coli NS 11/18Ind 0/0mo					
Ecoregion norms	EX	+NO2&NO3 EX 18/18[1] +Phosphorus OK 1/18[1]					
<b>10170204-518</b>	<b>3A</b>	<b>9.8</b>	<b>Norwegian Creek</b>		<b>Headwaters to Kanaranzi Cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-016		norwegian ck at csah-11 0.5 mi nw of ellsworth			KANARZ-S	18
Aquatic life	IF	+pH FS 0/36[1]					
Aquatic recreation	NS	!!!E. coli NS 9/18Ind 0/0mo					
Ecoregion norms	EX	+NO2&NO3 EX 18/18[1] +Phosphorus OK 0/18[1]					

AUID	Category	Miles	Reach Name	Basin: MO	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>10170204-519</b>	<b>5C</b>	<b>31.3</b>	<b>Elk River</b>		<b>Headwaters to Rock R</b>	<b>2B, 3B</b>	
MNPCA1	S001-360		elk ck 3 mi se of luverne, mn			CSMP	69

Aquatic life NS \$Turbid\_TT\_TSS NS 66/69[5](--/--[ ] 66/69[5] --/--[ ])

<b>10170204-525</b>	<b>5C</b>	<b>16.3</b>	<b>Mud Creek</b>		<b>Headwaters to MN/IA border</b>	<b>2C, 3C</b>	
MNPCA1	S004-391		mud ck on 21st street brg, .5 mi s of hills			ROCK	12
MNPCA1	S004-391		mud ck on 21st street brg, .5 mi s of hills			MUDCK-S	10

Aquatic life IF =pH FS 0/32[2]

Aquatic recreation IF +E. coli IF 4/10Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 11/12[2] =Phosphorus EX 4/12[2]

**HUC: 09020101      DNR Major: 54      HUC NAME: BOIS DE SIOUX RIVER**

09020101-501	5A	15.3	Bois de Sioux River	Rabbit R to Otter Tail R	2C
MNPCA1	S000-553		bois de sioux r on csah-6 5.1 mi sw of doran		CSMP 24
MNPCA1	S000-553		bois de sioux r on csah-6 5.1 mi sw of doran		LOADSTDY 25
MNPCA1	S000-553		bois de sioux r on csah-6 5.1 mi sw of doran		REDRIVER 101
MNPCA1	S000-553		bois de sioux r on csah-6 5.1 mi sw of doran		CSMP/RRW 8
MNPCA1	S000-553		bois de sioux r on csah-6 5.1 mi sw of doran		CSMP/RED 1
MNPCA1	S000-553		bois de sioux r on csah-6 5.1 mi sw of doran		REDRWTCB 5
MNPCA1	S000-553		bois de sioux r on csah-6 5.1 mi sw of doran		MDAWQMP 16

Aquatic life      NS      +Chloride FS 0/48[3]   DO12 -- 8/125[7]   DO5\_All FS 8/98[7]   \$DO7 FS 0/27[7]   \$DOFinal IF[[3]]   =pH FS 0/250[6]   \$Turbid\_TT\_TSS NS 93/122[7](93/122[7] 5/8[2] --/[-])   +Un-ionized ammonia FS 0/48[3]

Aquatic recreation      IF      +E. coli IF 2/8Ind 0/0mo

Ecoregion norms      EX      =NO2&NO3 EX 77/127[7]   =Phosphorus EX 19/44[7]

09020101-502	5A	22.7	Rabbit River	Wilkin County line to Bois de Sioux R	2C
MNPCA1	S001-029		RABBIT RIVER at us-75, 5 miles nw of campbell		CSMP/RED 5
MNPCA1	S001-029		RABBIT RIVER at us-75, 5 miles nw of campbell		CSMP 27
MNPCA1	S001-029		RABBIT RIVER at us-75, 5 miles nw of campbell		LOADSTDY 2
MNPCA1	S001-029		RABBIT RIVER at us-75, 5 miles nw of campbell		REDRIVER 56
MNPCA1	S001-029		RABBIT RIVER at us-75, 5 miles nw of campbell		REDRWTCB 11
MNPCA1	S001-029		RABBIT RIVER at us-75, 5 miles nw of campbell		UPPERRED 15
MNPCA1	S001-029		RABBIT RIVER at us-75, 5 miles nw of campbell		CSMP/RRW 10
MNPCA1	S001-052		rabbit r at csah-2 3 mi se of campbell		UPPERRED 1
MNPCA1	S001-053		rabbit r at csah-19 2.5 mi n of nashua		UPPERRED 19
MNPCA1	S001-053		rabbit r at csah-19 2.5 mi n of nashua		CSMP 3
MNPCA1	S001-053		rabbit r at csah-19 2.5 mi n of nashua		CSMP/RED 4
MNPCA1	S001-053		rabbit r at csah-19 2.5 mi n of nashua		REDRWTCB 7
MNPCA1	S002-002		rabbit r, at csah-4 rt bank of brg. .1 mi sw of campbell		UPPERRED 16
MNPCA1	S002-002		rabbit r, at csah-4 rt bank of brg. .1 mi sw of campbell		REDRWTCB 13
MNPCA1	S002-002		rabbit r, at csah-4 rt bank of brg. .1 mi sw of campbell		CSMP/RED 5
MNPCA1	S002-002		rabbit r, at csah-4 rt bank of brg. .1 mi sw of campbell		CSMP 5
MPCAB	05RD013		Rabbit River; upstream of CR 158, ~10 miles SE of Breckenridge		EMAP 1

Aquatic life      NS      +Chloride FS 0/25[3]   DO12 -- 18/109[8]   DO5\_9am FS 0/3[3]   DO5\_All NS 17/80[7]   \$DO7 FS 1/29[8]   \$DOFinal NS[[2]]   =pH FS 1/192[8]   \$Turbid\_TT\_TSS NS 77/100[8](77/100[8] 5/9[2] --/[-])   +Un-ionized ammonia FS 0/71[5]

Aquatic recreation      NS      !!!E. coli NS 0/25Ind 2/4mo

Ecoregion norms      EX      =NO2&NO3 EX 51/99[8]   =Phosphorus EX 14/36[5]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020101-510</b>	<b>3A</b>	<b>26.7</b>	<b>Unnamed creek (Doran Slough)</b>	<b>Headwaters to Bois de Sioux R</b>	<b>2C</b>
MNPCA1	S005-144		unn str (doran Slough) at 190th ave 2.6 mi s of breckenridge		CSMP/RED 9
MNPCA1	S005-145		unn str (doran Slough) on us-75, 1 mi sw of dora		CSMP/RED 7
Aquatic life	IF	+pH FS 0/18[1]	+Un-ionized ammonia FS 0/5[1]		
Aquatic recreation	IF	+E. coli IF 0/9Ind 0/0mo			

<b>09020101-512</b>	<b>3A</b>	<b>7.5</b>	<b>Rabbit River, South Fork</b>	<b>Wilkin County line to Rabbit R</b>	<b>2C</b>
MNPCA1	S004-176		rabbit r at cr-152, 3.1 mi se of campbell		CSMP 3
MNPCA1	S004-176		rabbit r at cr-152, 3.1 mi se of campbell		CSMP/RED 5
MNPCA1	S004-176		rabbit r at cr-152, 3.1 mi se of campbell		REDRWATCH 5
Aquatic life	IF	+pH FS 0/12[2]			

<b>09020101-513</b>	<b>3A</b>	<b>4.3</b>	<b>County Ditch 9</b>	<b>Unnamed ditch to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S004-177		cd-9 at unn rd, 3 mi ne of campbell		REDRWATCH 5
MNPCA1	S004-177		cd-9 at unn rd, 3 mi ne of campbell		CSMP 2
MNPCA1	S004-177		cd-9 at unn rd, 3 mi ne of campbell		CSMP/RED 5
Aquatic life	IF	+pH FS 0/12[2]			

<b>09020101-515</b>	<b>3A</b>	<b>2.4</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Rabbit R</b>	<b>2B, 3B</b>
MNPCA1	S003-120		unn trib to the rabbit r at mn-9, 1.5 mi no. of campbell		CSMP/RED 5
MNPCA1	S003-120		unn trib to the rabbit r at mn-9, 1.5 mi no. of campbell		REDRWATCH 7
MNPCA1	S003-120		unn trib to the rabbit r at mn-9, 1.5 mi no. of campbell		CSMP 2
Aquatic life	IF	+pH FS 0/12[2]			

<b>09020101-516</b>	<b>3A</b>	<b>1.6</b>	<b>Judicial Ditch 2</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S003-274		jd #2 on mn-55, 2 mi e of nashua		CSMP/RED 5
MNPCA1	S003-274		jd #2 on mn-55, 2 mi e of nashua		CSMP 1
MNPCA1	S003-274		jd #2 on mn-55, 2 mi e of nashua		REDRWATCH 6
MNPCA1	S003-274		jd #2 on mn-55, 2 mi e of nashua		REDRIVER 7
Aquatic life	IF	+pH FS 0/18[3]			

<b>09020101-517</b>	<b>3A</b>	<b>2.0</b>	<b>Judicial Ditch 12</b>	<b>Unnamed ditch to JD 7</b>	<b>2B, 3B</b>
MNPCA1	S003-275		jd #12 at 2nd street bridge on east edge of tintah		REDRWATCH 9
MNPCA1	S003-275		jd #12 at 2nd street bridge on east edge of tintah		REDRIVER 5
MNPCA1	S003-275		jd #12 at 2nd street bridge on east edge of tintah		CSMP/RED 5
MNPCA1	S003-275		jd #12 at 2nd street bridge on east edge of tintah		CSMP 4
Aquatic life	IF	+pH FS 0/22[3]			

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample
09020101-520	3A	3.5	Unnamed ditch	Unnamed ditch to Unnamed ditch	2B, 3B	
MNPCA1	S003-272		north lateral one of jd #12 at cr-41, 9.8 mi se of tintah		CSMP	1
MNPCA1	S003-272		north lateral one of jd #12 at cr-41, 9.8 mi se of tintah		REDRIVER	6
MNPCA1	S003-272		north lateral one of jd #12 at cr-41, 9.8 mi se of tintah		REDRWTC	2

Aquatic life      IF      +pH FS 0/12[1]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample
09020101-527	3A	4.1	Unnamed ditch	Headwaters to Unnamed ditch	2B, 3B	
MNPCA1	S003-273		lateral three of jd #2 at cr-42, 9.1 mi ese of tintah		CSMP	2
MNPCA1	S003-273		lateral three of jd #2 at cr-42, 9.1 mi ese of tintah		REDRIVER	6
MNPCA1	S003-273		lateral three of jd #2 at cr-42, 9.1 mi ese of tintah		REDRWTC	2

Aquatic life      IF      +pH FS 0/12[1]

**HUC: 09020102      DNR Major: 55      HUC NAME: MUSTINKA RIVER**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample
09020102-503	5A	8.5	Mustinka River	Unnamed cr to Lk Traverse	2C	
MNPCA1	S000-062		mustinka r ush-75 at wheaton		REDRIVER	99
MNPCA1	S000-062		mustinka r ush-75 at wheaton		CSMP	24
MNPCA1	S000-062		mustinka r ush-75 at wheaton		CSMP/RRW	3
MNPCA1	S000-062		mustinka r ush-75 at wheaton		LOADSTDY	9
MNPCA1	S000-062		mustinka r ush-75 at wheaton		REDRWTC	5
MNPCA1	S000-062		mustinka r ush-75 at wheaton		UPPERRED	31
MNPCA1	S000-344		mustinka r. sh-117 w of wheaton		RNC	7
MNPCA1	S000-680		mustinka r at br co rd 76 0.5 mi w of wheaton		LOADSTDY	14
MNPCA1	S000-680		mustinka r at br co rd 76 0.5 mi w of wheaton		CSMP/RRW	1
MPCAB	05RD125		Mustinka River; Just W of Wheaton		biocriteria	1

Aquatic life      NS      +Chloride FS 0/47[3]    DO12 -- 9/147[8]    DO5\_9am NS 1/8[6]    DO5\_All FS 9/113[8]    \$DO7 FS 0/34[8]    \$DOFinal NS[[4]]    =pH FS 0/304[8]    \$Turbid\_TT\_TSS NS 124/152[8](124/152[8] 6/6[2] --/--[--])    +Un-ionized ammonia FS 0/73[5]

Aquatic recreation      FS      +E. coli FS 0/22Ind 0/2mo

Ecoregion norms      EX      =NO2&NO3 EX 79/149[8]    =Phosphorus EX 18/59[5]



AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020102-506</b>	<b>3A</b>	<b>9.3</b>	<b>Mustinka River</b>		<b>Headwaters to Lightning Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-355		mustinka r at csah-26, 5.3 mi ne of wendell, mn			CSMP/RED	4
MNPCA1	S004-355		mustinka r at csah-26, 5.3 mi ne of wendell, mn			CSMP	40
Aquatic life	FS		+Turbid_TT_TSS FS 2/43[3](1/3[1] 1/40[3] --/--[--])				
Aquatic recreation	IF		+E. coli IF 2/4Ind 0/0mo				
<b>09020102-508</b>	<b>3A</b>	<b>10.1</b>	<b>Eighteenmile Creek</b>		<b>Unnamed cr to Mustinka R</b>	<b>2C</b>	
MNPCA1	S005-143		eighteen mile ck on csah-7, 1.5 mi sw of wheaton			CSMP/RED	8
Aquatic life	IF		+pH FS 0/16[1]				
Aquatic recreation	IF		+E. coli IF 3/8Ind 0/0mo				
<b>09020102-510</b>	<b>3A</b>	<b>11.3</b>	<b>Fivemile Creek</b>		<b>T127 R45W S24, east line to Mustinka River Ditch</b>	<b>2C</b>	
MNPCA1	S003-118		five mile ck on mn-27, 5.7 mi w of herman			CSMP	2
MNPCA1	S003-118		five mile ck on mn-27, 5.7 mi w of herman			REDRW TCH	17
MNPCA1	S003-118		five mile ck on mn-27, 5.7 mi w of herman			CSMP/RED	6
MNPCA1	S003-118		five mile ck on mn-27, 5.7 mi w of herman			REDRIVER	1
Aquatic life	NS		DO12 -- 2 24[6] DO5_All FS 2/21[6] DO7 FS 0/3[3] +DOFinal IF[[0]] +pH FS 0/14[2] !!!Turbid_TT_TSS NS 4/22[5](4/22[5] 0/2[1] --/--[--])				
Aquatic recreation	IF		+E. coli IF 1/6Ind 0/0mo				
<b>09020102-511</b>	<b>3A</b>	<b>21.4</b>	<b>Twelvemile Creek, West Branch</b>		<b>T125 R46W S33, south line to Twelvemile Cr</b>	<b>2C</b>	
MNPCA1	S003-116		twelve mile creek w br at cr-62, 2 mi se of dumont			CSMP	11
MNPCA1	S003-116		twelve mile creek w br at cr-62, 2 mi se of dumont			CSMP/RED	3
MNPCA1	S003-116		twelve mile creek w br at cr-62, 2 mi se of dumont			REDRW TCH	16
MNPCA1	S003-123		twelve mile ck w br on csah-6, .25 mi e of dumont			CSMP	10
MNPCA1	S003-123		twelve mile ck w br on csah-6, .25 mi e of dumont			CSMP/RED	3
MNPCA1	S003-123		twelve mile ck w br on csah-6, .25 mi e of dumont			REDRW TCH	18
MNPCA1	S004-195		twelve mile ck w br on cr-72, 6.8 mi ese of wheaton			REDRW TCH	3
MNPCA1	S004-195		twelve mile ck w br on cr-72, 6.8 mi ese of wheaton			CSMP	1
Aquatic life	NS		DO12 -- 7/24[7] DO5_All NS 6/16[6] DO7 NS 1/8[5] !!!DOFinal NS[[0]] +pH FS 0/12[2] +Turbid_TT_TSS FS 2/23[6](2/23[6] 0/2[1] --/--[--])				
<b>09020102-513</b>	<b>3A</b>	<b>24.6</b>	<b>Twelvemile Creek (County Ditch 1)</b>		<b>Lundberg Lk to T126 R45W S28, north line</b>	<b>7</b>	
MNPCA1	S003-112		twelve mile creek e br at csah-18, 9 mi se of dumont			REDRW TCH	12
MNPCA1	S003-112		twelve mile creek e br at csah-18, 9 mi se of dumont			CSMP	7
MNPCA1	S003-112		twelve mile creek e br at csah-18, 9 mi se of dumont			CSMP/RED	2
MNPCA1	S004-190		twelve mile ck on cr-62/csah-8, 9.7 mi se of dumont			REDRW TCH	1
MPCAB	05RD117		Twelvemile Creek; 6m S of Herman, upstream of CR 71			biocriteria	1
Limited Use Waters	IF		+pH FS 0/12[3]				

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '-' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020102-514</b>	<b>3A</b>	<b>8.2</b>	<b>Twelvemile Creek</b>	<b>T126 R45W S21, south line to W Br Twelvemile Cr</b>	<b>2C</b>
MNPCA1	S003-114		twelve mile creek e br on csah-6, 3.4 mi e of dumont		REDRW TCH 22
MNPCA1	S003-114		twelve mile creek e br on csah-6, 3.4 mi e of dumont		CSMP 14
MNPCA1	S003-114		twelve mile creek e br on csah-6, 3.4 mi e of dumont		CSMP/RED 3
MNPCA1	S004-194		twelve mi ck on cr-72, 7.1 mi ese of wheaton		REDRW TCH 2

Aquatic life NS DO12 -- 6/25[7] DO5\_All NS 6/18[7] DO7 FS 0/7[5] !!!DOFinal NS[[0]] +pH FS 0/12[2] !!!Turbid\_TT\_TSS NS 10/22[6](10/22[6] 2/4[1] --/--)

<b>09020102-517</b>	<b>5C</b>	<b>34.1</b>	<b>Mustinka River</b>	<b>Lightning Lk to Grant/Traverse County line</b>	<b>2B, 3B</b>
MNPCA1	S002-001		mustinka r at csah-9 bridge, 1.3 mi nw of norcross		CSMP 1
MNPCA1	S002-001		mustinka r at csah-9 bridge, 1.3 mi nw of norcross		REDRIVER 1
MNPCA1	S002-001		mustinka r at csah-9 bridge, 1.3 mi nw of norcross		REDRTURB 24
MNPCA1	S002-001		mustinka r at csah-9 bridge, 1.3 mi nw of norcross		REDRW TCH 10
MNPCA1	S002-001		mustinka r at csah-9 bridge, 1.3 mi nw of norcross		UPPERRED 33
MNPCA1	S003-104		mustinka r at csah-13, 6 mi ne of herman		REDRW TCH 13
MNPCA1	S003-104		mustinka r at csah-13, 6 mi ne of herman		CSMP 42
MNPCA1	S003-104		mustinka r at csah-13, 6 mi ne of herman		REDRTURB 20
MNPCA1	S003-105		mustinka r at csah-8, 8 mi ne of herman		REDRW TCH 12
MNPCA1	S003-105		mustinka r at csah-8, 8 mi ne of herman		REDRTURB 22
MNPCA1	S003-105		mustinka r at csah-8, 8 mi ne of herman		CSMP 41
MNPCA1	S003-122		mustinka r at mustinka dam (pine ridge park), 5 mi ne herman		REDRW TCH 12
MNPCA1	S003-122		mustinka r at mustinka dam (pine ridge park), 5 mi ne herman		CSMP 26
MNPCA1	S004-144		mustinka r at csah-8, 1.75 mi e of norcross		REDRTURB 10
MNPCA1	S004-356		mustinka r at cr-42, 3.8 mi se of wendell, mn		CSMP 36
MNPCA1	S004-357		mustinka r at twp hwy 89, 1.3 mi ne of norcross, mn		CSMP 41
MNPCA1	S004-360		mustinka r at cr-67 brg (340th ave), 3.4 mi wnw of norcross		CSMP 41
MNPCA1	S004-739		mustinka r, 1/8 mi s of csah-12, 5.5 mi sw of Elbow Lake		CSMP 9
MNPCA1	S004-740		mustinka r at csah-12, 5.5 mi sw of Elbow Lake		CSMP 25
MNPCA1	S004-741		mustinka r at cr-44, 4.5 mi sw of Elbow Lake		CSMP 21
MNPCA1	S004-742		mustinka r at csah-1, 4 mi sw of Elbow Lake		CSMP 24
MNPCA1	S005-146		mustinka r at 300th st, 1 mi ne of wendell		CSMP/RED 8

Aquatic life NS DO12 -- 11/74[7] DO5\_9am NS 3/8[2] DO5\_All NS 10/53[7] DO7 FS 1/21[6] !!!DOFinal NS[[3]] =pH FS 0/128[6] \$Turbid\_TT\_TSS NS 32/78[6](32/78[6] 7/47[4] --/--) +Un-ionized ammonia FS 0/34[4]

Aquatic recreation NS !!!E. coli NS 1/28Ind 1/3mo

Ecoregion norms EX =NO2&NO3 EX 18/42[5] =Phosphorus EX 6/36[3]

<b>09020102-518</b>	<b>5C</b>	<b>4.8</b>	<b>Mustinka River</b>	<b>Grant/Traverse County line to Fivemile Cr</b>	<b>2C</b>
MNPCA1	S004-107		mustinka r on csah-13, 9.3 mi wnw of norcross		REDRTURB 7

Aquatic life IF +pH FS 0/14[1]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020102-524	3A	5.0	Unnamed creek	CD 33 to W Br Twelvemile Cr	2B, 3B	
MNPCA1	S003-115		unn trib (e br 12 mile ck to w br) at cr-62, 3 mi se dumont		CSMP/RED	3
MNPCA1	S003-115		unn trib (e br 12 mile ck to w br) at cr-62, 3 mi se dumont		REDRWTC	14
MNPCA1	S003-115		unn trib (e br 12 mile ck to w br) at cr-62, 3 mi se dumont		CSMP	9

Aquatic life      IF      +pH FS 0/10[2]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020102-527	3A	6.9	County Ditch 8	Headwaters to Lannon Lk	2B, 3B	
MNPCA1	S003-283		County Ditch no. 8 at csah-2, 4.4 mi se of graceville		CSMP/RED	3
MNPCA1	S003-283		County Ditch no. 8 at csah-2, 4.4 mi se of graceville		REDRIVER	3
MNPCA1	S003-283		County Ditch no. 8 at csah-2, 4.4 mi se of graceville		REDRWTC	1
MNPCA1	S003-283		County Ditch no. 8 at csah-2, 4.4 mi se of graceville		CSMP	1

Aquatic life      IF      +pH FS 0/14[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020102-538	3A	2.0	Unnamed creek	Unnamed cr to Mustinka R	2B, 3B	
MNPCA1	S004-354		unn str at csah-15, 4 mi ne of wendell, mn		CSMP	25

Aquatic life      FS      +Turbid\_TT\_TSS FS 2/25[3]{--/--[2] 2/25[3] --/--[2]}

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020102-557			Twelvemile Creek	W Br Twelvemile Cr to Mustinka River Ditch	2C	
MNPCA1	S003-124		twelve mile ck on csah-14, 7.5 mi ne of wheaton		REDRWTC	19
MNPCA1	S003-124		twelve mile ck on csah-14, 7.5 mi ne of wheaton		CSMP	7
MNPCA1	S003-124		twelve mile ck on csah-14, 7.5 mi ne of wheaton		REDRTURB	7
MNPCA1	S003-124		twelve mile ck on csah-14, 7.5 mi ne of wheaton		CSMP/RRW	10
MNPCA1	S004-197		twelve mile ck at mn-27, 5.8 mi e of wheaton		REDRWTC	6
MNPCA1	S004-197		twelve mile ck at mn-27, 5.8 mi e of wheaton		CSMP	2
MPCAB	05RD008		Twelvemile Creek; downstream of CR 84, 7 miles NE of Wheaton		EMAP	1

Aquatic life      NS      DO12 -- 1/38[7]      DO5\_All FS 1/31[7]      DO7 FS 0/7[5]      +DOFinal IF[0]      +pH FS 0/40[3]      !!!Turbid\_TT\_TSS NS 21/33[6](21/33[6] 3/5[1] --/--[2])

Aquatic recreation      IF      +E. coli IF 0/10Ind 0/0mo

HUC: 09020103

DNR Major: 56

HUC NAME: OTTER TAIL RIVER

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020103-502	4A	8.2	Otter Tail River	Breckenridge Lk to Bois de Sioux R	1C, 2Bd, 3C
MNPCA1	S000-006		otter tail r bridge on 4th st n at breckenridge		10
MNPCA1	S000-006		otter tail r bridge on 4th st n at breckenridge	MILE	47
MNPCA1	S000-006		otter tail r bridge on 4th st n at breckenridge	RNC	7
MNPCA1	S000-555		otter tail r,co rd-164 1.3 mi e of breckenridge	UPPERRED	63
MNPCA1	S002-000		otter tail r at 11th street bridge in breckenridge	UPPERRED	64
MNPCA1	S002-000		otter tail r at 11th street bridge in breckenridge	CSMP	25
MNPCA1	S002-000		otter tail r at 11th street bridge in breckenridge	CSMP/RRW	7
MNPCA1	S002-000		otter tail r at 11th street bridge in breckenridge	LOADSTDY	28
MNPCA1	S002-000		otter tail r at 11th street bridge in breckenridge	MERCLKS/	5
MNPCA1	S002-000		otter tail r at 11th street bridge in breckenridge	REDRWTC	2
MNPCA1	S002-000		otter tail r at 11th street bridge in breckenridge	REDRIVER	101
MNPCA1	S003-167		ottertail r on csah-10, 2 mi e of breckenridge	REDRWTC	2
MPCAB	05RD109		Otter Tail River; 1m E of Breken Ridge, ~ 2 m upstream of State Route 9	nutrients	1

Aquatic life NS +Arsenic FS 0/5[4] +Cadmium FS 0/5[4] +Chloride FS 0/60[4] +Chromium FS 0/5[4] +Copper FS 0/5[4] DO12 -- 2 205[10] DO5\_9am FS 0/3[2] DO5\_All FS 2/141[9] DO7 FS 0/64[10] +DOFinal IF[[8]] +Lead FS 0/5[4] +Mercury FS 0/5[4] +Nickel FS 0/5[4] =pH FS 0/418[10] \$Turbid\_TT\_TSS NS 94/200[10](94/200[10] 3/11[3] --/--[--]) +Un-ionzed ammonia FS 0/139[10] +Zinc FS 0/5[4]

Aquatic recreation FS +E. coli FS 3/87Ind 0/7mo

Drinking Water FS +NO2&NO3 FS 0/225[10]

Ecoregion norms OK =BOD5 OK 0/16[5] =Phosphorus OK 1/105[9]

09020103-503	2	3.0	Otter Tail River	Pelican R to Dayton Hollow Reservoir	1C, 2Bd, 3C
MNPCA1	S000-111		otter tail r br on csah-15 west of fergus falls		UPPERRED 25
MNPCA1	S000-111		otter tail r br on csah-15 west of fergus falls	RNC	7
MNPCA1	S000-111		otter tail r br on csah-15 west of fergus falls		10
MNPCA1	S000-111		otter tail r br on csah-15 west of fergus falls	MILE	47

Aquatic life NS +Chloride FS 0/7[1] DO12 -- 1/67[9] DO5\_9am FS 0/2[2] DO5\_All FS 0/35[6] DO7 FS 1/32[9] +DOFinal IF[[2]] =pH FS 1/144[9] !!!Turbid\_TT\_TSS NS 8/72[9](8/72[9] 0/1[1] 0/2[2]) +Un-ionzed ammonia FS 0/58[8]

Aquatic recreation NS !!!E. coli NS 2/38Ind 3/6mo

Drinking Water FS +NO2&NO3 FS 0/68[9]

Ecoregion norms OK =BOD5 OK 1/19[4] =Phosphorus OK 0/57[7]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>09020103-504</b>	<b>5A</b>	<b>18.7</b>	<b>Otter Tail River</b>	<b>JD 2 to Breckenridge Lk</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S001-999		otter tail r nr everdell, csah-17 brg, 4.5 mi s breckenridge		UPPERRED 64
MNPCA1	S001-999		otter tail r nr everdell, csah-17 brg, 4.5 mi s breckenridge		REDRWTCB 1
MNPCA1	S003-166		ottertail r on csah-19, 18 mi se of breckenridge		REDRWTCB 2

Aquatic life NS DO12 -- 0/30[3] DO5\_All FS 0/16[3] DO7 FS 0/14[3] +DOFinal IF[[1]] =pH FS 0/56[3] \$Turbid\_TT\_TSS NS 10/30[3](10/30[3] --/--) --/--) +Un-ionzed ammonia FS 0/24[3]

Aquatic recreation FS +E. coli FS 2/49Ind 1/6mo

Drinking Water FS +NO2&NO3 FS 0/28[3]

Ecoregion norms OK =Phosphorus OK 1/30[3]

<b>09020103-506</b>	<b>2</b>	<b>7.7</b>	<b>Otter Tail River</b>	<b>Orwell Dam to JD 2</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S002-003		otter tail r blw orwell dam, csah-15, 8 mi sw of fergus fls		REDRWTCB 2
MNPCA1	S002-003		otter tail r blw orwell dam, csah-15, 8 mi sw of fergus fls		UPPERRED 28

Aquatic life FS DO12 -- 0/30[3] DO5\_9am FS 0/2[2] DO5\_All FS 0/16[3] DO7 FS 0/14[3] +DOFinal IF[[1]] =pH FS 0/56[3] =Turbid\_TT\_TSS FS 2/29[3](2/29[3] --/--) --/--) +Un-ionzed ammonia FS 0/25[3]

Aquatic recreation FS +E. coli FS 0/16Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/27[3]

Ecoregion norms OK =Phosphorus OK 0/29[3]

<b>09020103-513</b>	<b>3A</b>	<b>46.0</b>	<b>Pelican River</b>	<b>Lk Lizzie to Otter Tail R</b>	<b>2B, 3B</b>
MNPCA1	S000-556		pelican r on mn-210 1.1 mi w of fergus falls		CSMP/RED 9
MNPCA1	S000-684		pelican r at csah-24 btn s22 and 27 (t135n/r43w)		CSMP/RED 9
MNPCA1	S005-140		pelican r on csah-88, 3 mi s of elizabeth		CSMP/RED 9
MPCAB	05RD111		Pelican River; 4 miles NW of Fergus Falls, Upstream of CR 116.		biocriteria 1

Aquatic life IF +pH FS 0/20[2] +Un-ionzed ammonia FS 0/9[1]

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 0/10[2]

<b>09020103-521</b>	<b>3A</b>	<b>12.5</b>	<b>Otter Tail River</b>	<b>Big Pine Lk to Rush Lk</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S000-536		otter tail r at csah-14 6 mi se of perham		CSMP/RED 8
MPCAB	05RD091		Otter Tail River; 1.5 m SE of Perham, downstream of Hwy 10		biocriteria 1

Aquatic life IF +pH FS 0/16[2]

Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo

<b>09020103-526</b>	<b>3A</b>	<b>10.6</b>	<b>Toad River</b>	<b>Little Toad Lk to T138 R38W S30, SW corner</b>	<b>1B, 2A, 3B</b>
MNPCA1	S005-137		toad r on cr-122, 9 mi ne of frazee		CSMP/RED 9

Aquatic life IF +pH FS 0/16[1]

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020103-529</b>	<b>3A</b>	<b>20.9</b>	<b>Otter Tail River</b>	<b>Height of Land Lk to Albertson Lk</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S003-938		ottertail r at mn-34 brg, 7 mi e of DETROIT Lakes		OTTERTAI 5
MNPCA1	S003-938		ottertail r at mn-34 brg, 7 mi e of DETROIT Lakes		CSMP/RED 9
Aquatic life	IF		+pH FS 0/26[2]		
Aquatic recreation	IF		+E. coli IF 0/9Ind 0/0mo		
Drinking Water	FS		+NO2&NO3 FS 0/8[2]		

<b>09020103-530</b>	<b>3A</b>	<b>5.0</b>	<b>Otter Tail River</b>	<b>Town Lk to Rice Lk</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S003-939		ottertail r at us-10 brg, 1 mi so of frazee		OTTERTAI 5
MNPCA1	S003-939		ottertail r at us-10 brg, 1 mi so of frazee		CSMP/RED 9
Aquatic life	IF		+pH FS 0/26[2]		
Aquatic recreation	IF		+E. coli IF 0/9Ind 0/0mo		
Drinking Water	FS		+NO2&NO3 FS 0/8[2]		

<b>09020103-532</b>	<b>5C</b>	<b>10.5</b>	<b>Otter Tail River</b>	<b>Rice Lk to Mud Lk</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S003-940		ottertail r at 425th ave brg, 3.75 mi no of perham		OTTERTAI 5
Drinking Water	FS		+NO2&NO3 FS 0/5[1]		

<b>09020103-542</b>	<b>3A</b>	<b>11.0</b>	<b>Toad River</b>	<b>T138 R38W S31, northwest corner to Pine Lk</b>	<b>2B, 3B</b>
MNPCA1	S004-736		todd r inlet to b PINE LK, 4.5 mi ne of perham, mn		CSMP 27
MNPCA1	S005-139		toad r on csah-8, 4.5 mi ne of perham		CSMP/RED 9
Aquatic life	FS		+pH FS 0/16[1] +Turbid_TT_TSS FS 0/35[2](0/6[1] 0/29[2] --/--[--])		
Aquatic recreation	IF		+E. coli IF 0/9Ind 0/0mo		

<b>09020103-543</b>	<b>2</b>	<b>3.8</b>	<b>Campbell Creek</b>	<b>Campbell Lk to Floyd Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-163		campbell ck at cr-149, 5 1/4 mi n of DETROIT Lakes		PRWD 256
MNPCA1	S002-164		campbell ck at 230th st, 6 1/4 mi n of DETROIT Lakes		PRWD 93
Aquatic life	FS		=Turbid_TT_TSS FS 25/396[11](--/--[--] --/--[--] 25/396[11])		
Ecoregion norms	OK		=Phosphorus OK 18/232[9]		

<b>09020103-544</b>	<b>3C</b>	<b>0.0</b>	<b>Unnamed creek</b>	<b>Floyd Lk to Little Floyd Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-166		unnamed ck at richwood rd culvert 4 1/4 mi n DETROIT Lakes		PRWD 350
Aquatic life	FS		=Turbid_TT_TSS FS 0/342[9](--/--[--] --/--[--] 0/342[9])		
Ecoregion norms	OK		=Phosphorus OK 1/346[9]		

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				

09020103-545	2	11.4	Pelican River	Headwaters to Detroit Lk	2B, 3B
MNPCA1	S002-168		pelican r at anchor rd, 3 1/4 mi n of DETROIT Lakes		PRWD 88
MNPCA1	S002-169		pelican r at mn-34, 1 mi ne of DETROIT Lakes		PRWD 207
MNPCA1	S002-170		pelican r at long avenue in DETROIT Lakes		PRWD 154
MNPCA1	S002-171		pelican r at north shore drive in DETROIT Lakes		PRWD 235
MNPCA1	S002-176		pelican r at corbett road in DETROIT Lakes		PRWD 7
MNPCA1	S002-178		pelican r blw rice lk olt 1.7 mi n csah-141, 2 mi ne det lks		PRWD 69
MNPCA1	S002-179		drainage dt @ little floyd lk rd (e), 4 1/3 mi n DETROIT Lks		PRWD 8
MNPCA1	S002-180		drainage dt @ little floyd lk rd (w) 4 1/3 mi n DETROIT Lks		PRWD 31
MNPCA1	S002-181		drainage ditch at erickson street, 5 mi n of DETROIT Lakes		PRWD 88
MNPCA1	S002-182		drainage ditch at csah-32, 6 1/2 mi n of DETROIT Lakes		PRWD 5

Aquatic life FS =Turbid\_TT\_TSS FS 6/512[11](--/--[--] --/--[--] 6/512[11])  
 Ecoregion norms OK =Phosphorus OK 18/357[9]

09020103-546	3B	1.1	County Ditch 14	St Clair Lk to Pelican R	2B, 3B
MNPCA1	S002-158		ditch 14 @ out from st clair lk at us-59 1-3/4 mi sw det lks		PRWD 270
MNPCA1	S002-159		ditch 14 at csah-6, 1 3/4 mi sw of DETROIT Lakes		PRWD 78
MNPCA1	S002-160		ditch 14 at outlet to pelican r 2 1/4 mi sw of DETROIT Lakes		PRWD 346
MNPCA1	S005-247		dtch 14 100 yds so csah-6 at field xing, w little DETROIT Lk		PRWD 39

Aquatic life FS =Turbid\_TT\_TSS FS 0/326[7](--/--[--] --/--[--] 0/326[7])  
 Ecoregion norms OK <>Phosphorus OK 21/391[9]

09020103-547	3C	0.2	Pelican River	Detroit Lk to CD 14	2B, 3B
MNPCA1	S002-172		pelican r @ olt from DETROIT Lk @ csah-22, 2 mi sw det lks		PRWD 316

Aquatic life FS =Turbid\_TT\_TSS FS 0/104[4](--/--[--] --/--[--] 0/104[4])  
 Ecoregion norms OK =Phosphorus OK 0/316[9]

09020103-550	3C	0.0	Pelican River	Muskrat Lk to Lk Sallie	2B, 3B
MNPCA1	S002-173		pelican r @ olt from muskrat lk dunton locks 3 mi sw det lks		PRWD 384

Aquatic life FS =Turbid\_TT\_TSS FS 0/366[8](--/--[--] --/--[--] 0/366[8])  
 Ecoregion norms OK =Phosphorus OK 0/382[9]

09020103-551	3C	3.2	Sucker Creek	Headwaters to Detroit Lk	1B, 2A, 3B
MNPCA1	S002-162		sucker ck at south shore drive, 3 1/2 mi se of DETROIT Lakes		PRWD 29

Ecoregion norms OK =Phosphorus OK 1/28[5]

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: RD</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]				#Sample Dates
<b>09020103-553</b>	<b>2</b>	<b>0.3</b>	<b>Pelican River</b>		<b>Lk Sallie to Lk Melissa</b>	<b>2B, 3B</b>	
MNPCA1	S002-174		pelican r @ outlet from lake sallie @ csah-22 at shoreham			PRWD	337
Aquatic life	FS		=Turbid_TT_TSS FS 0/110[6](--/--[--] --/--[--] 0/110[6])				
Ecoregion norms	OK		=Phosphorus OK 1/336[9]				
<b>09020103-555</b>	<b>3C</b>	<b>0.0</b>	<b>Pelican River</b>		<b>Lk Melissa to Mill Pond</b>	<b>2B, 3B</b>	
MNPCA1	S002-175		pelican r at melissa beach resort, 6 1/2 mi s of DETROIT Lks			PRWD	297
Aquatic life	FS		+Turbid_TT_TSS FS 0/130[7](--/--[--] --/--[--] 0/130[7])				
Ecoregion norms	OK		=Phosphorus OK 1/294[9]				
<b>09020103-556</b>	<b>3C</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>Lind Lk to Lk Melissa</b>	<b>2B, 3B</b>	
MNPCA1	S002-161		drainage from lind lake at us-59, 5 1/2 mi s DETROIT Lakes			PRWD	25
Ecoregion norms	OK		=Phosphorus OK 0/25[3]				
<b>09020103-557</b>	<b>3C</b>	<b>3.6</b>	<b>Unnamed creek (Campbell Creek)</b>		<b>Headwaters to Campbell Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-165		campbell ck at whiskey ck rd, 7 1/4 mi n of DETROIT Lakes			PRWD	76
Aquatic life	FS		+Turbid_TT_TSS FS 0/98[6](--/--[--] --/--[--] 0/98[6])				
Ecoregion norms	OK		<>Phosphorus OK 1/63[6]				
<b>09020103-559</b>	<b>3C</b>	<b>0.5</b>	<b>Unnamed creek</b>		<b>Long Lk to St Clair Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-177		unn olt from long lk just off long lk rd 2 mi w DETROIT Lks			PRWD	11
Ecoregion norms	OK		<>Phosphorus OK 1/11[2]				
<b>09020103-560</b>	<b>3C</b>	<b>2.0</b>	<b>Sucker Creek</b>		<b>Leitheiser Lk to Pelican R</b>	<b>2B, 3B</b>	
MNPCA1	S002-183		drainage ditch at csah-141, 1 1/2 mi ne of DETROIT Lakes			PRWD	45
MNPCA1	S002-184		drainage ditch at mn-34, 1 3/4 mi e of DETROIT Lakes			PRWD	131
Aquatic life	FS		+Turbid_TT_TSS FS 0/70[3](--/--[--] --/--[--] 0/70[3])				
Ecoregion norms	EX		=Phosphorus EX 46/132[7]				
<b>09020103-568</b>	<b>3A</b>	<b>7.2</b>	<b>Otter Tail River</b>		<b>Deer Lk/East Lost Lk to West Lost Lk</b>	<b>1C, 2Bd, 3C</b>	
MNPCA1	S005-141		otter tail r on csah-45, 3 mi w of otter tail lake			CSMP/RED	9
Aquatic life	IF		+pH FS 0/16[1]				
Aquatic recreation	IF		+E. coli IF 0/9Ind 0/0mo				
<b>09020103-570</b>	<b>3A</b>	<b>29.0</b>	<b>Otter Tail River</b>		<b>West Long Lk to Unnamed lk (56-1203-00)</b>	<b>1C, 2Bd, 3C</b>	
MNPCA1	S005-142		otter tail r on csah-10, 5.6 mi e of elizabeth			CSMP/RED	9
Aquatic life	IF		+pH FS 0/18[1]				
Aquatic recreation	IF		+E. coli IF 0/9Ind 0/0mo				



AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates
<b>09020103-619</b>	<b>3A</b>	<b>0.0</b>	<b>Otter Tail River</b>		<b>Mud Lk to Little Pine Lk</b>		<b>1C, 2Bd, 3C</b>	
MNPCA1	S004-735		ottertail r inlet to l PINE LK, 2.25 mi n of perham, mn				CSMP	28
Aquatic life	FS		+Turbid_TT_TSS FS 0/28[2](--/--[ ] 0/28[2] --/--[ ])					
<b>09020103-757</b>			<b>Unnamed creek</b>		<b>Unnamed creek to Dead Lk</b>		<b>2B, 3B</b>	
MNPCA1	S005-138		unn inlet to dead lk (toad r) on csah-33, 6.5 mi e of frazee				CSMP/RED	9
Aquatic life	IF		+pH FS 0/18[1]					
Aquatic recreation	IF		+E. coli IF 4/9Ind 0/0mo					
<b>09020103-901</b>	<b>3B</b>	<b>1.6</b>	<b>Unnamed creek</b>		<b>to Little Toad Lk</b>		<b>2B, 3B</b>	
MNPCA1	S001-606		little toad lk inlet at csah-31 brg, 2 mi s of local				CSMP	107
MNPCA1	S003-356		unn trib to little toad lk, 13 mi e of DETROIT Lakes, mn				CSMP	37
Aquatic life	NS		!!!Turbid_TT_TSS NS 15/110[8](--/--[ ] 15/110[8] --/--[ ])					
<b>09020103-903</b>	<b>3C</b>	<b>0.2</b>	<b>Unnamed creek (Little Floyd River)</b>		<b>Little Floyd Lk to Unnamed cr (Pelican R)</b>		<b>2B, 3B</b>	
MNPCA1	S002-167		little floyd r at outlet from little floyd lk 4 mi n det lks				PRWD	301
Aquatic life	FS		+Turbid_TT_TSS FS 1/30[5](--/--[ ] --/--[ ] 1/30[5])					
Ecoregion norms	OK		=Phosphorus OK 2/301[9]					
<b>09020103-904</b>	<b>2</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>Unnamed lk (03-1053-00) to Height of Land Lk</b>		<b>2B, 3B</b>	
MNPCA1	S001-707		unn trib to height of land lk, 7 mi nw of toad lk, mn				CSMP	121
Aquatic life	FS		=Turbid_TT_TSS FS 0/121[6](--/--[ ] 0/121[6] --/--[ ])					

HUC: 09020104

DNR Major: 57

HUC NAME: RED RIVER of NORTH

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020104-502	5A	21.0	Red River of the North	Fargo/Moorhead Dam A to Sheyenne R (ND)	1C, 2Bd, 3C
21NDHDWQ	385040		RED RIVER NR HARWOOD		60
21NDHDWQ	385211		Red River East of Harwood ND		3
MNPCA1	S000-219		red River csah-22 by moorhead		FARMORED 136
MNPCA1	S002-097		Red River of the North at cr-26, 7 mi n of fargo/moorhead		REDRIVER 101
MNPCA1	S002-097		Red River of the North at cr-26, 7 mi n of fargo/moorhead		LOADSTDY 6
MNPCA1	S002-097		Red River of the North at cr-26, 7 mi n of fargo/moorhead		FARMORED 26
MNPCA1	S002-097		Red River of the North at cr-26, 7 mi n of fargo/moorhead		FARGOMOR 31
MNPCA1	S002-097		Red River of the North at cr-26, 7 mi n of fargo/moorhead		CSMP 54

Aquatic life NS =Chloride FS 0/87[9] DO12 -- 10/236[9] DO5\_9am FS 1/52[6] DO5\_All FS 10/163[9] DO7 FS 0/73[9] +DOFinal IF[[8]] =pH FS 1/444[9] \$Turbid\_TT\_TSS NS 245/258[8](245/258[8] 36/39[6] --/--[--]) +Un-ionzed ammonia FS 0/27[3]

Aquatic recreation IF \$E. coli IF 0/16Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/198[9]

Ecoregion norms EX =Phosphorus EX 44/84[9]

09020104-503	5B	25.0	Red River of the North	Breckenridge Dam to Whiskey Cr	1C, 2Bd, 3C
21NDHDWQ	380082		RED RIVER - WAHPETON		1
21NDHDWQ	380083		RED RIVER - AT BRUSHVILLE, MN		60
MNPCA1	S000-012		red River at br on csah-18 0.5 mi w of brushvale		RNC 3
MNPCA1	S000-012		red River at br on csah-18 0.5 mi w of brushvale		MERCLKS/ 5
MNPCA1	S000-012		red River at br on csah-18 0.5 mi w of brushvale		CSMP 25
MNPCA1	S000-012		red River at br on csah-18 0.5 mi w of brushvale		10
MNPCA1	S000-012		red River at br on csah-18 0.5 mi w of brushvale		REDRIVER 101
MNPCA1	S000-012		red River at br on csah-18 0.5 mi w of brushvale		REDRWTCR 3
MNPCA1	S000-012		red River at br on csah-18 0.5 mi w of brushvale		MILE 47
MNPCA1	S003-111		red r at mn-210 bypass on no. side of breckenridge		REDRWTCR 4
MPCAB	06RD001		Red River; just upstream of Breckenridge, boat access on ND side of river in park visible from Hwy 210		biocriteria 1
MPCAB	06RD002		Red River; just N of McCauleyville/Kent, MN, boat access on ND side of river off CR22 in Fort Abercrombie State Historic Area		biocriteria 1

Aquatic life NS !!!Arsenic NS 3/5[4] +Cadmium FS 0/5[4] =Chloride FS 0/86[9] +Chromium FS 0/5[4] +Copper FS 0/5[4] DO12 -- 1/196[10] DO5\_9am FS 0/4[3] DO5\_All FS 1/124[9] DO7 FS 0/72[10] +DOFinal IF[[8]] +Lead FS 0/5[4] +Mercury FS 0/5[4] +Nickel FS 0/5[4] =pH FS 1/400[10] \$Turbid\_TT\_TSS NS 90/141[9](90/141[9] 8/10[3] --/--[--]) +Un-ionzed ammonia FS 0/64[9] +Zinc FS 0/5[4]

Aquatic recreation NS !!!E. coli NS 0/41Ind 1/7mo

Drinking Water FS +NO2&NO3 FS 0/192[10]

Ecoregion norms EX =BOD5 EX 3/17[4] =Phosphorus EX 16/129[10]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020104-504	5A	3.1	Red River of the North	Fargo/Moorhead Dam 1 to Dam A	1C, 2Bd, 3C
MNPCA1	S000-183		red River br on main ave at 3rd st., in moorhead		MERCLKS/ 1
MNPCA1	S000-183		red River br on main ave at 3rd st., in moorhead		RNC 3
MNPCA1	S000-183		red River br on main ave at 3rd st., in moorhead		MILE 47
MNPCA1	S000-183		red River br on main ave at 3rd st., in moorhead		10
MNPCA1	S001-308		red r at moorhead, 0.5 mi s mn-10		CSMP 331
MNPCA1	S002-116		red r on first ave no. brg in moorhead, mn/fargo, nd		CSMP 32
MNPCA1	S002-116		red r on first ave no. brg in moorhead, mn/fargo, nd		FARGOMOR 31
MNPCA1	S002-116		red r on first ave no. brg in moorhead, mn/fargo, nd		FARMORED 27
MNPCA1	S003-520		red r, .10 mi south of us-10/main ave, in fargo/moorhead		PCA-USGS 4
MNPCA1	S003-661		red r of n at 15th ave n, in moorhead, mn		FARMORED 136

Aquatic life NS +Chloride FS 0/7[1] DO12 -- 5/141[9] DO5\_9am FS 1/38[4] DO5\_All FS 5/77[8] DO7 FS 0/64[9] +DOFinal IF[[4]] =pH FS 1/224[9] \$Turbid\_TT\_TSS NS 188/221[9](188/221[9] 274/325[11] --/--[--]) +Un-ionzed ammonia FS 0/39[8]

Aquatic recreation IF \$E. coli IF 1/28Ind 0/2mo

Drinking Water FS +NO2&NO3 FS 0/94[9]

Ecoregion norms EX =BOD5 OK 0/19[4] =Phosphorus EX 15/46[8]

09020104-507	5A	5.9	Red River of the North	Fargo/Moorhead Dam 2 to Dam 1	1C, 2Bd, 3C
MNPCA1	S000-011		red River w.w. intake at fargo		MDAWQMP 1
MNPCA1	S003-660		red r of n at 12th ave s, in moorhead, mn		FARMORED 62

Aquatic life IF DO12 -- 0/51[1] DO5\_9am FS 0/9[1] DO5\_All FS 0/29[1] DO7 FS 0/22[1] +DOFinal IF[[1]] =pH FS 0/124[1]

09020104-508	5A	12.4	Red River of the North	Wild Rice R (ND) to Dam 2	1C, 2Bd, 3C
MNPCA1	S003-657		red r of n below confluence w wild rice r, 7.5 m s moorhead		FARMORED 173
MNPCA1	S003-658		red r of n e of 76th ave s, 6.1 mi s of moorhead, mn		FARMORED 24
MNPCA1	S003-659		red r of n at unn trib, 3.4 mi s of moorhead, mn		FARMORED 114
MPCAB	06RD003		Red River; S of Fargo/Moorhead area, boat access from CR 12 on ND side in Convent Landing Rec Area. X is ~100m DS of boat launch.		biocriteria 1

Aquatic life NS \$Turbid\_TT\_TSS NS 186/197[4](186/197[4] --/--[--] --/--[--])

09020104-510	5A	6.8	Red River of the North	Wolverton Cr to Wild Rice R (ND)	1C, 2Bd, 3C
21NDHDWQ	385213		Red River South of Fargo ND		3
MNPCA1	S002-114		red r on cr-8, 9 mi so of moorhead, mn & fargo, north dakota		FARGOMOR 30
MNPCA1	S002-114		red r on cr-8, 9 mi so of moorhead, mn & fargo, north dakota		CSMP 29
MNPCA1	S002-114		red r on cr-8, 9 mi so of moorhead, mn & fargo, north dakota		FARMORED 33

Aquatic life NS DO12 -- 0/39[4] DO5\_All FS 0/18[3] DO7 FS 0/21[4] +DOFinal IF[[3]] \$Turbid\_TT\_TSS NS 36/51[4](36/51[4] 27/30[4] --/--[--])

Drinking Water FS +NO2&NO3 FS 0/45[4]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020104-512</b>	<b>3A</b>	<b>12.7</b>	<b>Wolverton Creek</b>	<b>Unnamed cr to Red R</b>	<b>2C</b>
MNPCA1	S002-103		wolverton ck at 28th st & 1/2 mi s cr-58, 1 mi ne comstock		REDRIVER 8
MNPCA1	S003-271		wolverton ck at us-75, 3 mi s of rustad, minnesota		REDRIVER 2
MNPCA1	S004-880		wolverton ck at 140th ave s, 2 mi n of comstock		UPREDRWM 4
MNPCA1	S005-136		wolverton ck on cr-151 (140th ave), 2.5 mi ne of wolverton		CSMP/RED 10
MNPCA1	S005-322		wolverton ck at 130th ave s, 3 mi nw of comstock		UPREDRWM 4
MPCAB	08RD051		Wolverton Creek; Downstream of 130th Ave S, 7 mi. NW of Comstock		phase1 1
MPCAB	08RD063		Wolverton Creek; Downstream of CR 58, 1.5 mi. NE of Comstock		phase1 1

Aquatic life NS DO12 -- 9/23[2] DO5\_9am NS 1/2[1] DO5\_All NS 9/21[2] DO7 FS 0/2[1] !!!DOFinal NS[[0]] +pH FS 0/46[2] !!!Turbid\_TT\_TSS NS 7/22[2](7/22[2] 2/3[2] --/--[--]) +Un-ionzed ammonia FS 0/11[2]

Aquatic recreation IF +E. coli IF 1/14Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 10/23[2]

<b>09020104-516</b>	<b>3A</b>	<b>3.6</b>	<b>Unnamed creek</b>	<b>CD 6A to Whiskey Cr</b>	<b>2B, 3B</b>
MNPCA1	S004-150		unn ck (perennial str) along csah-3, 2 1/4 mi e of kent		REDRTURB 15
MPCAB	08RD054		Trib. to Whiskey Creek; Downstream of CR 3, 2 mi. E of Kent		phase1 2
MPCAB	08RD060		Trib. to Whiskey Creek; Upstream of Twp 48, 1.5 mi. SE of Kent		phase1 1

Aquatic life IF +pH FS 0/36[2]

<b>09020104-520</b>	<b>5A</b>	<b>19.9</b>	<b>Whiskey Creek</b>	<b>T133 R47W S13, east line to Red R</b>	<b>2C</b>
MNPCA1	S001-032		Whiskey Creek bridge on us-75 at kent		UPPERRED 35
MNPCA1	S001-060		whiskey ck at csah-1 1.5 mi nw of kent		REDRTURB 26
MNPCA1	S001-061		whiskey ck at csah-20 2 mi se of kent		REDRTURB 25
MNPCA1	S001-061		whiskey ck at csah-20 2 mi se of kent		UPPERRED 20
MNPCA1	S002-004		whiskey ck, at culverts, .5 mi e of us-75, 3.7 mi se of kent		UPPERRED 2
MNPCA1	S003-678		whiskey ck on cr-155 crossing, 5.75 mi n of breckenridge		REDRTURB 15
MNPCA1	S004-881		whisky ck at main street in kent		UPREDRWM 9
MPCAB	08RD052		Whiskey Creek; Downstream of Mainstreet, In Kent		phase1 1

Aquatic life NS DO12 -- 7/67[6] DO5\_9am NS 2/8[3] DO5\_All NS 7/48[6] DO7 FS 0/19[5] !!!DOFinal NS[[3]] =pH FS 0/140[6] \$Turbid\_TT\_TSS NS 18/62[6](18/62[6] 2/9[2] --/--[--]) +Un-ionzed ammonia FS 0/61[4]

Aquatic recreation NS !!!E. coli NS 2/27Ind 2/4mo

Ecoregion norms EX =NO2&NO3 EX 38/84[5] =Phosphorus EX 7/34[4]

<b>09020104-526</b>	<b>3A</b>	<b>2.2</b>	<b>County Ditch 6A</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S004-149		cd #6a (perennial str) at cr-163, 9 mi sw of rothsay		REDRTURB 14

Aquatic life IF +pH FS 0/28[1]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

**HUC: 09020106      DNR Major: 58      HUC NAME: BUFFALO RIVER**

09020106-501	5C	46.5	Buffalo River	S Br Buffalo R to Red R	2B, 3B
MNPCA1	S000-174		buffalo r. ush-75 at georgetown		RNC 7
MNPCA1	S002-125		buffalo r at cr-108, 2 mi se of georgetown		CSMP/RRW 10
MNPCA1	S002-125		buffalo r at cr-108, 2 mi se of georgetown		REDRTURB 2
MNPCA1	S002-125		buffalo r at cr-108, 2 mi se of georgetown		REDRIVER 107
MNPCA1	S002-125		buffalo r at cr-108, 2 mi se of georgetown		LOADSTDY 26
MNPCA1	S002-125		buffalo r at cr-108, 2 mi se of georgetown		CSMP/RED 1
MNPCA1	S002-125		buffalo r at cr-108, 2 mi se of georgetown		CSMP 22
MNPCA1	S002-125		buffalo r at cr-108, 2 mi se of georgetown		MDAWQMP 22
MNPCA1	S002-708		buffalo r at cr 94, 5.5 mi w of averill		REDRIVER 1
MNPCA1	S002-708		buffalo r at cr 94, 5.5 mi w of averill		RNC 7
MNPCA1	S002-708		buffalo r at cr 94, 5.5 mi w of averill		REDRTURB 10
MNPCA1	S003-693		buffalo r at csah-18, 2.8 mi nw of glyndon		REDRIVER 1
MNPCA1	S003-693		buffalo r at csah-18, 2.8 mi nw of glyndon		REDRTURB 26
MNPCA1	S004-342		buffalo r at 90th ave n, 8 mi ne of moorhead, mn		CSMP 7
MPCAB	05RD120		Buffalo River; 7 mi NE of Moorhead, upstream of CR 94		nutrients 1

Aquatic life    NS    +Acetochlor 0/18[4] +Alachlor 0/18[4] +Atrazine 0/18[4] +Chloride FS 0/48[4] +Chlorpyrifos 0/18[4] DO12 -- 5/141[7] DO5\_9am FS 2/26[5] DO5\_All FS 5/112[7] DO7 FS 0/29[5] +DOFinal IF[[6]] +Metolachlor 0/18[4] =pH FS 0/294[7] \$Turbid\_TT\_TSS NS 122/135[7](122/135[7] 19/19[3] --/--[--]) +Un-ionzed ammonia FS 0/46[3]

Aquatic recreation    IF    +E. coli IF 0/10Ind 0/0mo

Ecoregion norms    EX    =BOD5 OK 0/10[2] =NO2&NO3 EX 101/148[8] =Phosphorus EX 10/64[8]

09020106-502	5C	15.5	Stony Creek	Hay Cr to S Br Buffalo R	2B, 3B
MNPCA1	S002-711		stony ck at cr68, 2 miles se of sabin		REDRTURB 6
MNPCA1	S003-694		stony ck at csah-21, 7 mi nw of barnesville		REDRTURB 24
MNPCA1	S004-112		stony ck at csah-10, 2.5 mi se of sabin		REDRTURB 21

Aquatic life    NS    DO12 -- 5/21[2] DO5\_All NS 5/15[2] DO7 FS 0/6[2] !!!DOFinal NS[[0]] +pH FS 0/50[3] \$Turbid\_TT\_TSS NS 17/25[3](17/25[3] --/--[--] --/--[--])

09020106-503	3A	17.4	Buffalo River, South Branch	Stony Cr to Buffalo R	2B, 3B
MNPCA1	S002-709		s br buffalo r at cr67, 1 mi e of sabin		REDRTURB 9
MNPCA1	S002-709		s br buffalo r at cr67, 1 mi e of sabin		SSSTA 4
MNPCA1	S004-148		buffalo r s br at cr-79, 1.5 mi sw of glyndon		REDRTURB 11

Aquatic life    IF    +pH FS 0/22[2]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
09020106-504	3A	11.3	Buffalo River, South Branch		Whiskey Cr to Stony Cr	2B, 3B	
MNPCA1	S003-125		buffalo r s br at csah-10 (1/3 mi w us-52), 1.6 mi se sabin			CSMP	1
MNPCA1	S003-125		buffalo r s br at csah-10 (1/3 mi w us-52), 1.6 mi se sabin			REDRWTC	2
MNPCA1	S004-147		buffalo r s br at cr-63, 1 mi se of sabin			REDRTURB	10

Aquatic life      IF      +pH FS 0/20[2]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
09020106-505	5C	18.9	Buffalo River, South Branch		Deerhorn Cr to Whiskey Cr	2B, 3B	
MNPCA1	S003-145		buffalo r sb at csah-11, 9 mi sw of barnesville			REDRWTC	32
MNPCA1	S003-145		buffalo r sb at csah-11, 9 mi sw of barnesville			CSMP	18
MNPCA1	S003-145		buffalo r sb at csah-11, 9 mi sw of barnesville			CSMP/RED	6
MNPCA1	S003-145		buffalo r sb at csah-11, 9 mi sw of barnesville			CSMP/RRW	8
MPCAB	05RD037		South Branch Buffalo River; Upstream of CR 32, 13.5 miles NE of Kent			EMAP	1
MPCAB	05RD118		South Branch Buffalo River; 10m W of Barnesville, upstream of CR57			biocriteria	2

Aquatic life      NS      +Chloride FS 0/5[1] DO12 -- 0/48[7] DO5\_9am FS 0/1[1] DO5\_All FS 0/38[7] DO7 FS 0/10[6] +DOFinal IF[[0]] +pH FS 0/46[4] !!!Turbid\_TT\_TSS NS  
 12/44[6](12/44[6] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/5[1]

Aquatic recreation      IF      +E. coli IF 0/8Ind 0/0mo

Ecoregion norms      OK      +NO2&NO3 OK 1/10[4]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

09020106-506	3D	81.8	Buffalo River	Buffalo Lk to S Br Buffalo R	2B, 3B
MNPCA1	S002-700		buffalo r at cr68, 2.5 miles nw of glyndon		REDRTURB 11
MNPCA1	S003-146		buffalo r on mn-9, 3 1/2 mi e of glyndon		CSMP 15
MNPCA1	S003-146		buffalo r on mn-9, 3 1/2 mi e of glyndon		CSMP/RRW 8
MNPCA1	S003-146		buffalo r on mn-9, 3 1/2 mi e of glyndon		REDRTURB 1
MNPCA1	S003-146		buffalo r on mn-9, 3 1/2 mi e of glyndon		REDRWTC 34
MNPCA1	S003-149		buffalo r, .3 mi n of us-10 on e edge of hawley		REDRWTC 32
MNPCA1	S003-149		buffalo r, .3 mi n of us-10 on e edge of hawley		CMB 2
MNPCA1	S003-149		buffalo r, .3 mi n of us-10 on e edge of hawley		CSMP 15
MNPCA1	S003-152		buffalo r at csah-31, 1.4 mi s of us-10, 1.7 mi s of hawley		CSMP/RRW 8
MNPCA1	S003-152		buffalo r at csah-31, 1.4 mi s of us-10, 1.7 mi s of hawley		REDRTURB 11
MNPCA1	S003-152		buffalo r at csah-31, 1.4 mi s of us-10, 1.7 mi s of hawley		REDRWTC 34
MNPCA1	S003-152		buffalo r at csah-31, 1.4 mi s of us-10, 1.7 mi s of hawley		CSMP 15
MNPCA1	S003-153		buffalo r at mn-32, 2.5 mi e of hawley		REDRWTC 2
MNPCA1	S003-154		buffalo r foot bridge in city park on e edge of hawley		REDRWTC 3
MNPCA1	S003-154		buffalo r foot bridge in city park on e edge of hawley		RNC 7
MNPCA1	S003-155		buffalo r on township road, 5 mi ne hawley		CSMP/RRW 8
MNPCA1	S003-155		buffalo r on township road, 5 mi ne hawley		CSMP 14
MNPCA1	S003-155		buffalo r on township road, 5 mi ne hawley		REDRWTC 35
MNPCA1	S003-155		buffalo r on township road, 5 mi ne hawley		REDRTURB 2
MNPCA1	S003-156		buffalo r on csah-23, 5 mi sw of hawley		REDRTURB 1
MNPCA1	S003-156		buffalo r on csah-23, 5 mi sw of hawley		CSMP/RED 1
MNPCA1	S003-156		buffalo r on csah-23, 5 mi sw of hawley		REDRWTC 34
MNPCA1	S003-156		buffalo r on csah-23, 5 mi sw of hawley		CSMP 14
MNPCA1	S004-105		buffalo r mainstem at csah-14, 2.5 mi ne of callaway		CSMP/RED 8
MNPCA1	S004-105		buffalo r mainstem at csah-14, 2.5 mi ne of callaway		REDRTURB 5
MNPCA1	S004-145		buffalo r mainstem at csah-9, 4.5 mi ne of lake park		REDRTURB 7
MNPCA1	S004-145		buffalo r mainstem at csah-9, 4.5 mi ne of lake park		CSMP/RED 9
MNPCA1	S004-146		buffalo r mainstem at csah-12, 3 mi nw of lake park		REDRWTC 11
MNPCA1	S004-146		buffalo r mainstem at csah-12, 3 mi nw of lake park		REDRTURB 5
MNPCA1	S004-146		buffalo r mainstem at csah-12, 3 mi nw of lake park		CSMP/RED 1
MNPCA1	S004-146		buffalo r mainstem at csah-12, 3 mi nw of lake park		CSMP 10
MPCAB	05RD110		Buffalo River; In Hawley just upstream of the Hwy 10 Bridge		nutrients 1
MPCAB	05RD116		Buffalo River; 1.5 miles south of CR 24, ~ 6 miles NE of Hawley		biocriteria 1

Aquatic life NS +Chloride FS 0/15[2] DO12 -- 1/69[6] DO5\_9am FS 0/6[3] DO5\_All FS 1/58[6] DO7 FS 0/11[6] +DOFinal IF[[1]] +pH FS 0/86[3] !!!Turbid\_TT\_TSS NS  
 22/66[6](22/66[6] 0/3[2] --/--[--]) +Un-ionized ammonia FS 0/19[1]

Aquatic recreation NS !!!E. coli NS 2/15Ind 2/2mo

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

Ecoregion norms		EX	+NO2&NO3 EX 8/31[4] =Phosphorus EX 2/13[3]					
<b>09020106-507</b>	<b>3A</b>	<b>21.9</b>	<b>Deerhorn Creek</b>	<b>Headwaters to S Br Buffalo R</b>		<b>2C</b>		
MNPCA1	S003-150		deer horn ck at csah-52, 6.5 mi se of barnesville			CSMP	12	
MNPCA1	S003-150		deer horn ck at csah-52, 6.5 mi se of barnesville			CSMP/RED	6	
MNPCA1	S003-150		deer horn ck at csah-52, 6.5 mi se of barnesville			REDRWTC	16	
MNPCA1	S003-151		deer horn ck at cr-211, 8 mi sw of barnesville			CSMP	20	
MNPCA1	S003-151		deer horn ck at cr-211, 8 mi sw of barnesville			CSMP/RED	6	
MNPCA1	S003-151		deer horn ck at cr-211, 8 mi sw of barnesville			CSMP/RRW	8	
MNPCA1	S003-151		deer horn ck at cr-211, 8 mi sw of barnesville			REDRWTC	41	
Aquatic life	NS	+Chloride FS 0/5[1] DO12 -- 1/53[7] DO5_All FS 1/41[7] DO7 FS 0/12[7] +DOFinal IF[[0]] +pH FS 0/40[2] !!!Turbid_TT_TSS NS 6/46[6](6/46[6] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/5[1]						
Aquatic recreation	IF	+E. coli IF 0/8Ind 0/0mo						
<b>09020106-508</b>	<b>3A</b>	<b>21.2</b>	<b>Buffalo River, South Branch</b>	<b>Headwaters to Deerhorn Cr</b>		<b>2B, 3B</b>		
MNPCA1	S003-148		buffalo r sb on twp rd 14, 9 mi sw of barnesville			REDRWTC	33	
MNPCA1	S003-148		buffalo r sb on twp rd 14, 9 mi sw of barnesville			CSMP	18	
MNPCA1	S003-148		buffalo r sb on twp rd 14, 9 mi sw of barnesville			CSMP/RED	5	
Aquatic life	NS	DO12 -- 1/38[7] DO5_All FS 1/28[7] DO7 FS 0/10[7] +DOFinal IF[[0]] +pH FS 0/20[2] !!!Turbid_TT_TSS NS 7/33[6](7/33[6] --/--[--] --/--[--])						
<b>09020106-510</b>	<b>3A</b>	<b>2.1</b>	<b>Stony Creek</b>	<b>Headwaters to T137 R45W S2, north line</b>		<b>2C</b>		
MNPCA1	S004-108		stony ck at csah-31, 7 mi ne of e edge of barnesville			REDRTURB	6	
Aquatic life	IF	+pH FS 1/12[1]						
<b>09020106-511</b>	<b>3A</b>	<b>8.9</b>	<b>Hay Creek</b>	<b>Headwaters to Stinking Lk</b>		<b>2B, 3B</b>		
MNPCA1	S005-133		hay ck on cr-1 (130th ave), 2 mi nw of lake park			CSMP/RED	9	
MPCAB	05RD071		Hay Creek; 1m NW of Lake Park, MN; downstream of CR102			biocriteria	1	
Aquatic life	IF	+pH FS 0/20[2]						
Aquatic recreation	IF	+E. coli IF 3/9Ind 0/0mo						
<b>09020106-513</b>	<b>3A</b>	<b>5.4</b>	<b>Hay Creek</b>	<b>Stinking Lk to Buffalo R</b>		<b>2B, 3B</b>		
MNPCA1	S004-191		hay ck at csah-37, 6.1 mi ene of hawley			REDRWTC	11	
MNPCA1	S004-191		hay ck at csah-37, 6.1 mi ene of hawley			CSMP/RED	8	
MNPCA1	S004-191		hay ck at csah-37, 6.1 mi ene of hawley			CSMP/RRW	3	
MNPCA1	S004-191		hay ck at csah-37, 6.1 mi ene of hawley			CSMP	10	
Aquatic life	NS	+pH FS 0/22[1] !!!Turbid_TT_TSS NS 3/20[3](3/20[3] 0/2[1] --/--[--])						
Aquatic recreation	IF	+E. coli IF 1/10Ind 0/0mo						

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms  
 '\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '-' = same as previous pre-assessment. '<>' = different than previous pre-assessment



AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020106-515</b>	<b>3A</b>	<b>6.4</b>	<b>Unnamed ditch</b>	<b>Unnamed ditch to Buffalo R</b>	<b>2B, 3B</b>
MNPCA1	S005-135		unn dtch (trib to buffalo r) at 170th ave 5 mi nne lake park		CSMP/RED 9
MPCAB	05RD072		Unnamed ditch; 6 miles NE of Lake Park, MN; upstream of 260th street.		biocriteria 1
MPCAB	07RD029		Unnamed Ditch; Downstream of CR 13, 6 mi. N of Audubon		ref. ditches 2

Aquatic life IF +pH FS 0/24[3]  
 Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

<b>09020106-519</b>	<b>3A</b>	<b>7.0</b>	<b>Hay Creek</b>	<b>Unnamed cr to Spring Cr</b>	<b>2C</b>
MNPCA1	S003-313		HAY CRook at unn gravel rd, 8 mi nnw of barnesville		REDRW TCH 23
MNPCA1	S003-313		HAY CRook at unn gravel rd, 8 mi nnw of barnesville		CSMP 14
MNPCA1	S003-313		HAY CRook at unn gravel rd, 8 mi nnw of barnesville		CSMP/RED 4

Aquatic life NS DO12 -- 4/27[6] DO5\_All NS 3/19[6] DO7 NS 1/8[4] !!!DOFinal NS[[0]] +pH FS 0/18[2] +Turbid\_TT\_TSS FS 1/20[5](1/20[5] --/--[--] --/--[--])

<b>09020106-520</b>	<b>3A</b>	<b>3.5</b>	<b>Hay Creek</b>	<b>Spring Cr to Stony Cr</b>	<b>2C</b>
MNPCA1	S003-316		hay ck at unn gravel rd crossing, 7 mi nw of barnesville		CSMP/RRW 8
MNPCA1	S003-316		hay ck at unn gravel rd crossing, 7 mi nw of barnesville		CSMP/RED 6
MNPCA1	S003-316		hay ck at unn gravel rd crossing, 7 mi nw of barnesville		CSMP 19
MNPCA1	S003-316		hay ck at unn gravel rd crossing, 7 mi nw of barnesville		REDRTURB 8
MNPCA1	S003-316		hay ck at unn gravel rd crossing, 7 mi nw of barnesville		REDRW TCH 31
MPCAB	07RD012		Hay Creek; Upstream of 150th St, 2 mi. S of Downer		ref. ditches 2

Aquatic life NS +Chloride FS 0/5[1] DO12 -- 0/52[6] DO5\_9am FS 0/2[2] DO5\_All FS 0/39[6] DO7 FS 0/13[6] +DOFinal IF[[0]] +pH FS 1/58[3] !!!Turbid\_TT\_TSS NS 30/42[5](30/42[5] 2/2[2] --/--[--]) +Un-ionzed ammonia FS 0/5[1]  
 Aquatic recreation IF +E. coli IF 3/8Ind 0/0mo

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
Agency      Station      Location      Project      #Sample  
Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

09020106-521	3B	24.1	Whiskey Creek	Headwaters to T137 R46W S18, west line	2C
MNPCA1	S002-111		whisky ck at cr-25, 2 mi e of barnesville		CSMP 26
MNPCA1	S002-111		whisky ck at cr-25, 2 mi e of barnesville		REDRW TCH 45
MNPCA1	S002-111		whisky ck at cr-25, 2 mi e of barnesville		REDRIVER 18
MNPCA1	S002-111		whisky ck at cr-25, 2 mi e of barnesville		CSMP/RRW 8
MNPCA1	S002-111		whisky ck at cr-25, 2 mi e of barnesville		CSMP/RED 9
MNPCA1	S002-112		whisky ck at cr-21, 6 mi wnw of barnesville		REDRW TCH 45
MNPCA1	S002-112		whisky ck at cr-21, 6 mi wnw of barnesville		REDRIVER 18
MNPCA1	S002-112		whisky ck at cr-21, 6 mi wnw of barnesville		CSMP/RRW 8
MNPCA1	S002-112		whisky ck at cr-21, 6 mi wnw of barnesville		CSMP/RED 9
MNPCA1	S002-112		whisky ck at cr-21, 6 mi wnw of barnesville		CSMP 26
MNPCA1	S004-998		whisky ck at mn-34 in barnesville		CSMP/RED 4
MNPCA1	S004-999		whisky ck 50 ft w of mn-9 in barnesville		CSMP/RED 5
MPCAB	05RD119		Whiskey Creek; 6.5m W of Barnesville, 1 m downstream of County Route 21		biocriteria 1

Aquatic life      NS      +Chloride FS 0/10[1] DO12 -- 1/74[7] DO5\_9am FS 0/15[7] DO5\_All FS 1/59[7] DO7 FS 0/15[7] +DOFinal FS[[4]] =pH FS 0/76[6] !!!Turbid\_TT\_TSS NS  
26/64[7](26/64[7] 0/2[1] --/--[--]) +Un-ionzed ammonia FS 0/10[1]  
Aquatic recreation      IF      +E. coli IF 1/9Ind 0/0mo  
Ecoregion norms      EX      =NO2&NO3 EX 14/49[7]

09020106-523	3A	14.3	Stony Creek	T137 R45W S3, north line to T137 R46W S5, north line	2C
MNPCA1	S003-311		stony ck at csah-25, 3.5 mi ne of barnesville		CSMP 21
MNPCA1	S003-311		stony ck at csah-25, 3.5 mi ne of barnesville		CSMP/RED 5
MNPCA1	S003-311		stony ck at csah-25, 3.5 mi ne of barnesville		REDRTURB 3
MNPCA1	S003-311		stony ck at csah-25, 3.5 mi ne of barnesville		REDRW TCH 35
MNPCA1	S003-312		stony ck at unn gravel rd, 6.25 mi nw of barnesville		REDRW TCH 31
MNPCA1	S003-312		stony ck at unn gravel rd, 6.25 mi nw of barnesville		CSMP 18
MNPCA1	S003-312		stony ck at unn gravel rd, 6.25 mi nw of barnesville		CSMP/RED 6
MNPCA1	S003-312		stony ck at unn gravel rd, 6.25 mi nw of barnesville		CSMP/RRW 8
MNPCA1	S003-312		stony ck at unn gravel rd, 6.25 mi nw of barnesville		REDRTURB 8

Aquatic life      NS      +Chloride FS 0/5[1] DO12 -- 1/55[6] DO5\_9am FS 0/3[3] DO5\_All FS 1/42[6] DO7 FS 0/13[6] +DOFinal IF[[0]] +pH FS 0/54[3] !!!Turbid\_TT\_TSS NS  
29/46[5](29/46[5] 1/1[1] --/--[--]) +Un-ionzed ammonia FS 0/5[1]  
Aquatic recreation      IF      +E. coli IF 1/8Ind 0/0mo

09020106-528	3A	14.8	Hay Creek	Headwaters (Softing Lk 14-0032-00) to Unnamed cr	2C
MNPCA1	S003-314		hay ck at unnamed gravel road, 10.3 mi nne of barnesville		CSMP 20
MNPCA1	S003-314		hay ck at unnamed gravel road, 10.3 mi nne of barnesville		CSMP/RED 6
MNPCA1	S003-314		hay ck at unnamed gravel road, 10.3 mi nne of barnesville		REDRW TCH 33

Aquatic life      NS      DO12 -- 5/39[6] DO5\_All NS 4/29[6] DO7 FS 1/10[6] !!!DOFinal NS[[0]] +pH FS 0/26[2] +Turbid\_TT\_TSS FS 0/31[5](0/31[5] --/--[--] --/--[--])

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020106-529</b>	<b>3A</b>	<b>3.6</b>	<b>Unnamed creek (Lawndale Creek)</b>	<b>T135 R45W S5, east line to Unnamed ditch</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S005-063		unn str (lawndale ck) , 1 mi w csah-52, 1 mi so of lawndale		LAWNDALE		7
MNPCA1	S005-063		unn str (lawndale ck) , 1 mi w csah-52, 1 mi so of lawndale		CSMP/RED		8
MNPCA1	S005-064		unn str (lawndale ck), at beaver dam outlet, 1 mi s lawndale		CSMP/RED		8
MNPCA1	S005-064		unn str (lawndale ck), at beaver dam outlet, 1 mi s lawndale		LAWNDALE		8

Aquatic life IF +Chloride FS 0/15[1] +pH FS 0/32[2] +Un-ionzed ammonia FS 0/21[2]  
 Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo  
 Drinking Water FS +NO2&NO3 FS 0/21[2]  
 Ecoregion norms EX +NO2&NO3 EX 3 21[2]

<b>09020106-530</b>	<b>3A</b>	<b>0.6</b>	<b>Unnamed creek (Lawndale Creek)</b>	<b>Unnamed cr to Unnamed ditch</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S003-147		cd #14 lawndale spring at cr-167, 8 mi s of barnesville		CSMP		21
MNPCA1	S003-147		cd #14 lawndale spring at cr-167, 8 mi s of barnesville		CSMP/RED		14
MNPCA1	S003-147		cd #14 lawndale spring at cr-167, 8 mi s of barnesville		LAWNDALE		8
MNPCA1	S003-147		cd #14 lawndale spring at cr-167, 8 mi s of barnesville		REDRWTC		42

Aquatic life NS +Chloride FS 0/8[1] DO12 -- 2 64[7] DO5\_All FS 2/49[7] DO7 FS 0/15[7] +DOFinal IF[[1]] +pH FS 0/58[2] !!!Turbid\_TT\_TSS NS 10/55[6](10/55[6] --/--[--] --/--[--])  
 +Un-ionzed ammonia FS 0/11[2]  
 Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo  
 Drinking Water FS +NO2&NO3 FS 0/12[3]  
 Ecoregion norms EX +NO2&NO3 EX 6/12[3]

<b>09020106-531</b>	<b>3A</b>	<b>4.1</b>	<b>State Ditch 14</b>	<b>Unnamed ditch to Deerhorn Cr</b>	<b>2B, 3B</b>		
MNPCA1	S005-059		sd #14 (lawndale ck) below prj @ mn-9, 5 1/4 mi nw lawndale		LAWNDALE		8
MNPCA1	S005-060		sd #14 (lawndale ck) on 140th st (e mn-9) 5 mi nw lawndale		CSMP/RED		8
MNPCA1	S005-061		sd #14 (lawndale ck) @ csah-30, .5 mi e mn-9 5 mi w lawndale		CSMP/RED		8
MNPCA1	S005-061		sd #14 (lawndale ck) @ csah-30, .5 mi e mn-9 5 mi w lawndale		LAWNDALE		8
MNPCA1	S005-062		sd #14 (lawndale ck), 25 yds no of lcapd, above atherton wma		LAWNDALE		1
MNPCA1	S005-062		sd #14 (lawndale ck), 25 yds no of lcapd, above atherton wma		CSMP/RED		2

Aquatic life IF +Chloride FS 0/16[1] +pH FS 0/32[2] +Un-ionzed ammonia FS 0/23[2]  
 Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 EX 7/23[2]

<b>09020106-534</b>	<b>3A</b>	<b>4.9</b>	<b>Spring Creek</b>	<b>Unnamed cr to Hay Cr</b>	<b>2B, 3B</b>		
MNPCA1	S003-315		spring ck at unn gravel rd crossing, 6 mi no. barnesville		CSMP		17
MNPCA1	S003-315		spring ck at unn gravel rd crossing, 6 mi no. barnesville		CSMP/RED		5
MNPCA1	S003-315		spring ck at unn gravel rd crossing, 6 mi no. barnesville		REDRWTC		26

Aquatic life FS DO12 -- 0/31[6] DO5\_All FS 0/23[6] DO7 FS 0/8[5] +DOFinal IF[[0]] +pH FS 0/22[2] +Turbid\_TT\_TSS FS 1/25[5](1/25[5] --/--[--] --/--[--])

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020106-535	3A	4.4	State Ditch 15	Unnamed ditch to Unnamed cr	2B, 3B
MNPCA1	S003-279		cd # 13-lateral, 1/2 mi w of cr-176, 13.1 mi ssw barnseville		CSMP 13
MNPCA1	S003-279		cd # 13-lateral, 1/2 mi w of cr-176, 13.1 mi ssw barnseville		REDRWTC 16
MNPCA1	S003-279		cd # 13-lateral, 1/2 mi w of cr-176, 13.1 mi ssw barnseville		REDRIVER 10
MNPCA1	S003-279		cd # 13-lateral, 1/2 mi w of cr-176, 13.1 mi ssw barnseville		CSMP/RED 6
MNPCA1	S003-279		cd # 13-lateral, 1/2 mi w of cr-176, 13.1 mi ssw barnseville		CSMP/RRW 3
MNPCA1	S003-280		cd #13 on mn-9, 12.4 mi ssw of barnesville		REDRIVER 9
MNPCA1	S003-280		cd #13 on mn-9, 12.4 mi ssw of barnesville		REDRWTC 4
MNPCA1	S003-280		cd #13 on mn-9, 12.4 mi ssw of barnesville		CSMP 6
MNPCA1	S003-280		cd #13 on mn-9, 12.4 mi ssw of barnesville		CSMP/RED 5
MNPCA1	S003-280		cd #13 on mn-9, 12.4 mi ssw of barnesville		CSMP/RRW 3

Aquatic life NS DO12 -- 2 33[6] DO5\_All FS 2/26[6] DO7 FS 0/7[5] +DOFinal IF[[0]] +pH FS 0/44[4] !!!Turbid\_TT\_TSS NS 7/31[6](7/31[6] 0/1[1] --/--[--])  
 Ecoregion norms EX +NO2&NO3 EX 9/29[4]

09020106-537	3A	11.3	County Ditch 25/County Ditch 38	Headwaters to CD 26	2B, 3B
MNPCA1	S003-129		cty dt #39 at csah-26, 7 mi so of felton		REDRWTC 20
MNPCA1	S003-129		cty dt #39 at csah-26, 7 mi so of felton		CSMP 5

Aquatic life IF DO12 -- 0/20[5] DO5\_All FS 0/13[4] DO7 FS 0/7[5] +DOFinal IF[[0]]

09020106-540	3A	0.1	Unnamed creek	Unnamed lk (03-0626-00) to Sand Lk	2B, 3B
MNPCA1	S003-253		un inlt #2 to sand lake, 1.25 mi so us-10, 4 mi sw lake park		SANDLK 16

Aquatic life NS !!!pH NS 5/14[3] !!!Turbid\_TT\_TSS NS 6/22[5](3/8[4] --/--[--] 3/14[4])

09020106-548	3A	3.3	Judicial Ditch 3-4	Unnamed cr to State Ditch 14	2B, 3B
MNPCA1	S004-178		cd-43 along no. side of csah-30, 1.5 mi w of lawndale		CSMP 14
MNPCA1	S004-178		cd-43 along no. side of csah-30, 1.5 mi w of lawndale		CSMP/RED 6
MNPCA1	S004-178		cd-43 along no. side of csah-30, 1.5 mi w of lawndale		REDRWTC 18
MNPCA1	S004-179		cd-43 along no. side of csah-30, 3 mi w of lawndale		REDRWTC 19
MNPCA1	S004-179		cd-43 along no. side of csah-30, 3 mi w of lawndale		CSMP/RED 6
MNPCA1	S004-179		cd-43 along no. side of csah-30, 3 mi w of lawndale		CSMP 14

Aquatic life FS DO12 -- 0/26[4] DO5\_All FS 0/19[4] DO7 FS 0/7[4] +DOFinal IF[[0]] +pH FS 0/26[2] +Turbid\_TT\_TSS FS 0/26[4](0/26[4] --/--[--] --/--[--])

09020106-554	3A	5.2	Judicial Ditch 3-1	Unnamed ditch to S Br Buffalo R	2B, 3B
MNPCA1	S005-002		cd #41 (wilkin county) at 230th ave, 6 mi sw of barnesville		CSMP/RED 6

Aquatic life IF +pH FS 0/12[1]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		
<b>09020106-569</b>		<b>1.9</b>	<b>Buffalo River</b>		<b>Momb Lk to Rock Lk</b>	<b>2B, 3B</b>	
MNPCA1	S005-134		buffalo r on cr-27, 9 mi se of callaway			CSMP/RED	9
	Aquatic life	IF	+pH FS 1/18[1]				
	Aquatic recreation	IF	+E. coli IF 0/9Ind 0/0mo				
<b>09020106-575</b>		<b>2.9</b>	<b>Unnamed creek</b>		<b>Headwaters to Whiskey Cr</b>	<b>2B, 3B</b>	
MNPCA1	S005-000		unn str at mn-9, .5 mi w of barnesville			CSMP/RED	5
MNPCA1	S005-001		unn str at 180th st s/3rd st sw, 1 mi s of barnesville			CSMP/RED	3
	Aquatic life	IF	+pH FS 0/10[1]				
<b>09020106-576</b>			<b>Unnamed creek</b>		<b>Unnamed cr to Hay Cr</b>	<b>2B, 3B</b>	
MNPCA1	S005-132		unn str to hay ck on 140th ave, 1 mi sw of lake park			CSMP/RED	9
	Aquatic life	IF	+pH FS 0/18[1]				
	Aquatic recreation	IF	+E. coli IF 0/9Ind 0/0mo				
<b>09020106-902</b>	<b>3A</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>Headwaters to Lee Lk (03-0625-00)</b>	<b>2B, 3B</b>	
MNPCA1	S003-255		unn inlet #1 to sorensen lk, 1.4 mi s us-10, 3 mi sw lake pk			SANDLK	14
	Aquatic life	NS	+pH FS 0/12[3] !!!Turbid_TT_TSS NS 4/21[5](2/7[4] --/--[3] 2/14[3])				
<b>09020106-904</b>	<b>3A</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>to Unnamed lk (03-0617-00)</b>	<b>2B, 3B</b>	
MNPCA1	S003-259		un otlt#1 from yort lk, .20 mi s us-10, 2.95 mi sw lake park			SANDLK	12
	Aquatic life	IF	+pH FS 0/10[2]				
<b>09020106-905</b>			<b>Unnamed creek</b>		<b>Headwaters to Talac Lk (03-0619-00)</b>	<b>2B, 3B</b>	
MNPCA1	S003-258		unn inlet #1 to lee lk, 1.5 mi s us-10, 3.5 mi sw lake park			SANDLK	12
	Aquatic life	IF	+pH FS 0/10[3]				
<b>09020106-909</b>	<b>3A</b>	<b>0.1</b>	<b>Unnamed creek</b>		<b>Unidentified Waterbody to Unnamed lk (03-0626-00)</b>	<b>2B, 3B</b>	
MNPCA1	S003-254		unn inlet #3 t0 sand lk, 1.5 mi so us-10, 4 mi sw lake park			SANDLK	9
	Aquatic life	IF	+pH FS 0/14[3]				

HUC: 09020107

DNR Major: 59

HUC NAME: MARSH RIVER

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>09020107-501</b>	<b>5B</b>	<b>29.5</b>	<b>Red River of the North</b>	<b>Buffalo R to Elm R (ND)</b>	<b>1C, 2Bd, 3C</b>
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MNPCA1	S000-113		red River at bridge on csah-39, 1 mi w of perley			10
MNPCA1	S000-113		red River at bridge on csah-39, 1 mi w of perley		MERCLKS/	5
MNPCA1	S000-113		red River at bridge on csah-39, 1 mi w of perley		RNC	3
MNPCA1	S000-113		red River at bridge on csah-39, 1 mi w of perley		MILE	46

Aquatic life NS !!!Arsenic NS 5/5[4] +Cadmium FS 0/5[4] +Chloride FS 0/7[1] +Chromium FS 0/5[4] +Copper FS 0/5[4] DO12 -- 3/46[9] DO5\_9am FS 0/1[1] DO5\_All NS 3/24[6] DO7 FS 0/22[9] !!!DOFinal NS[0] +Lead FS 0/5[4] \$Mercury FS 0/5[4] +Nickel FS 0/5[4] =pH FS 0/98[9] \$Turbid\_TT\_TSS NS 44/47[8](44/47[8] 1/1[1] --/--[--]) +Un-ionized ammonia FS 0/39[9] +Zinc FS 0/5[4]

Aquatic recreation FS \$E. coli FS 1/28Ind 0/2mo

Drinking Water FS +NO2&NO3 FS 0/46[9]

Ecoregion norms EX =BOD5 OK 1/17[4] =Phosphorus EX 32/44[8]

<b>09020107-502</b>	<b>5A</b>	<b>22.9</b>	<b>Red River of the North</b>	<b>Wild Rice R to Goose R (ND)</b>	<b>1C, 2Bd, 3C</b>
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MNPCA1	S000-092		red River bridge on mn-200, 0.5 mi w of halstad		CSMP	21
MNPCA1	S000-092		red River bridge on mn-200, 0.5 mi w of halstad		REDRIVER	99
MPCAB	05RD047		Red River; Adjacent to CR 147, 1/4 miles W of Halstad		EMAP	1

Aquatic life NS =Chloride FS 0/20[2] DO12 -- 4/96[5] DO5\_9am FS 1/10[4] DO5\_All FS 4/73[5] DO7 FS 0/23[4] +DOFinal IF[[4]] =pH FS 0/192[5] \$Turbid\_TT\_TSS NS 86/86[5](86/86[5] 10/10[2] --/--[--]) +Un-ionized ammonia FS 0/19[2]

Drinking Water FS +NO2&NO3 FS 0/98[5]

Ecoregion norms EX =Phosphorus EX 27/28[3]

<b>09020107-503</b>	<b>5C</b>	<b>51.5</b>	<b>Marsh River</b>	<b>Headwaters to Red R</b>	<b>2B, 3B</b>
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MNPCA1	S002-127		marsh r at cr-113, 1 mi se of shelly		LOADSTDY	19
MNPCA1	S002-127		marsh r at cr-113, 1 mi se of shelly		REDRIVER	93
MNPCA1	S002-127		marsh r at cr-113, 1 mi se of shelly		CSMP/RRW	6
MNPCA1	S002-127		marsh r at cr-113, 1 mi se of shelly		CSMP	20
MNPCA1	S004-192		marsh r at csah-19, 6.6 mi e of halstad		REDRWTCB	11
MPCAB	05RD113		Marsh River; 2.5 miles SE of Shelly, downstream of 130th Street.		biocriteria	1
MPCAB	05RD173		Marsh River; Downstream of CR 20, just W of Ada		EMAP	1

Aquatic life NS +Chloride FS 0/40[3] DO12 -- 5/120[8] DO5\_9am NS 1/7[2] DO5\_All FS 4/92[8] DO7 FS 1/28[7] !!!DOFinal NS[[4]] =pH FS 0/220[6] \$Turbid\_TT\_TSS NS 65/110[8](65/110[8] 7/10[2] --/--[--]) +Un-ionized ammonia FS 0/39[3]

Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 57/112[6] =Phosphorus EX 11/29[4]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

**HUC: 09020108      DNR Major: 60      HUC NAME: WILD RICE RIVER**

**09020108-501      5C      30.5      Wild Rice River      S Br Wild Rice R to Red R      2B, 3B**

MNPCA1	S000-216	wild rice r. ush-75 n of hendrum	RNC	7
MNPCA1	S002-102	wild rice r at cr-25, .8 mi e of hendrum	RNC	7
MNPCA1	S002-102	wild rice r at cr-25, .8 mi e of hendrum	REDRWTC	9
MNPCA1	S002-102	wild rice r at cr-25, .8 mi e of hendrum	REDRIVER	100
MNPCA1	S002-102	wild rice r at cr-25, .8 mi e of hendrum	MDAWQMP	16
MNPCA1	S002-102	wild rice r at cr-25, .8 mi e of hendrum	LOADSTDY	28
MNPCA1	S002-102	wild rice r at cr-25, .8 mi e of hendrum	CSMP/RRW	10
MNPCA1	S002-102	wild rice r at cr-25, .8 mi e of hendrum	CSMP	20
MNPCA1	S002-102	wild rice r at cr-25, .8 mi e of hendrum	CSMP/RED	1
MPCAB	05RD036	Wild Rice River; Directly downstream of CR 191, 4.5 miles NE of Perley	EMAP	1
MPCAB	05RD112	Wild Rice River; 0.5 miles E of Hendrum, upstream of County Route 25	nutrients	1

**Aquatic life      NS      +Acetochlor 0/12[3] +Alachlor 0/12[3] +Atrazine 0/12[3] +Chloride FS 0/50[4] +Chlorpyrifos 0/12[3] DO12 -- 3/144[9] DO5\_9am FS 0/11[4] DO5\_All FS 3/116[8] DO7 FS 0/28[8] +DOFinal IF[[5]] +Metolachlor 0/12[3] =pH FS 0/288[8] \$Turbid\_TT\_TSS NS 134/148[8](134/148[8] 10/10[2] --/--[--]) +Un-ionzed ammonia FS 0/47[3]**

**Aquatic recreation      IF      +E. coli IF 0/10Ind 0/0mo**

**Ecoregion norms      EX      =BOD5 OK 0/10[2] =NO2&NO3 EX 50/145[7] =Phosphorus EX 7/59[7]**

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020108-502	2	60.4	Wild Rice River, South Branch	Otto Lk to Wild Rice R	2B, 3B	
MNPCA1	S003-164		wild rice r sb at cr-193, 7.75 mi sw of ada		REDRWTC	26
MNPCA1	S003-164		wild rice r sb at cr-193, 7.75 mi sw of ada		WRICE-S	6
MNPCA1	S003-164		wild rice r sb at cr-193, 7.75 mi sw of ada		CSMP	8
MNPCA1	S003-165		wild rice r sb at mn -32 at city park, .7 mi n of ulen		REDRWTC	8
MNPCA1	S003-307		wild rice r s br at unnamed road, 4.1 mi nw of ulen		CSMP	18
MNPCA1	S003-307		wild rice r s br at unnamed road, 4.1 mi nw of ulen		REDRWTC	19
MNPCA1	S003-307		wild rice r s br at unnamed road, 4.1 mi nw of ulen		CSMP/RED	3
MNPCA1	S003-308		wild rice r s br at unn gravel rd, 1.25 mi ene of ulen		REDRWTC	7
MNPCA1	S003-308		wild rice r s br at unn gravel rd, 1.25 mi ene of ulen		CSMP	6
MNPCA1	S003-309		wild rice r s br at csah-27, 8.4 mi wnw of ulen		REDRWTC	18
MNPCA1	S003-309		wild rice r s br at csah-27, 8.4 mi wnw of ulen		CSMP/RED	3
MNPCA1	S003-309		wild rice r s br at csah-27, 8.4 mi wnw of ulen		CSMP	17
MNPCA1	S004-172		wild rice r s br at 250th st no., 2.2 mi nw of ulen		REDRWTC	17
MNPCA1	S004-172		wild rice r s br at 250th st no., 2.2 mi nw of ulen		CSMP/RED	3
MNPCA1	S004-172		wild rice r s br at 250th st no., 2.2 mi nw of ulen		CSMP	12
MNPCA1	S004-173		wild rice r s br at 290th ave on cty ln, 4.5 mi ene of ulen		CSMP/RED	3
MNPCA1	S004-173		wild rice r s br at 290th ave on cty ln, 4.5 mi ene of ulen		CSMP	10
MNPCA1	S004-173		wild rice r s br at 290th ave on cty ln, 4.5 mi ene of ulen		REDRWTC	10
MPCAB	05RD069		South Branch Wild Rice River; ~ 3.5m N of Ulen , downstream of CR 111		EMAP	1
MPCAB	07RD010		Wild Rice River, South Branch; Upstream CR 128, 8 mi. E of Perley		ref. ditches	1
MPCAB	07RD028		Wild Rice River, South Branch; Downstream of CR 157, 3.5 mi. E of Ulen		ref. ditches	1

Aquatic life	NS	+Chloride FS 0/6[1] DO12 -- 1/51[6] DO5_9am FS 0/10[4] DO5_All FS 1/39[6] DO7 FS 0/12[6] +DOFinal IF[[2]] +pH FS 0/38[3] !!!Turbid_TT_TSS NS 6/47[6](6/47[6] --/--[ ] --/--[ ]) +Un-ionized ammonia FS 0/6[1]
Aquatic recreation	IF	+E. coli IF 0/6Ind 0/0mo
Ecoregion norms	EX	+NO2&NO3 EX 2/17[3]



AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020108-503	2	45.2	Wild Rice River	Marsh Cr to S Br Wild Rice R	2B, 3B
MNPCA1	S001-155		wild Rice River bridge at csah-29 at twin valley		CSMP/RRW 13
MNPCA1	S001-155		wild Rice River bridge at csah-29 at twin valley		MERCLKS/ 5
MNPCA1	S001-155		wild Rice River bridge at csah-29 at twin valley		RNC 7
MNPCA1	S001-155		wild Rice River bridge at csah-29 at twin valley		CSMP/RED 1
MNPCA1	S004-200		wild rice r at csah-20, 4.6 mi sw of ada		CSMP 5
MNPCA1	S004-200		wild rice r at csah-20, 4.6 mi sw of ada		REDRWTC 15
MNPCA1	S004-201		wild rice r at csah-24, 4.4 mi e of ada		WRICE-S 6
MNPCA1	S004-201		wild rice r at csah-24, 4.4 mi e of ada		REDRWTC 14
MNPCA1	S004-201		wild rice r at csah-24, 4.4 mi e of ada		CSMP 4
MNPCA1	S004-864		wild rice r at mn-9, 4 1/2 mi sw of ada		CSMP/RRW 14
MPCAB	05RD115		Wild Rice River; NE side of Twin Valley, upstream of County Route 29.		nutrients 1
MPCAB	07RD009		Wild Rice River; Upstream of CR 24, 3 mi. E of Ada		ref. ditches 1

Aquatic life NS +Chloride FS 0/7[2] DO12 -- 2 48[7] DO5\_9am FS 0/3[1] DO5\_All FS 2/43[6] DO7 FS 0/5[4] +DOFinal IF[0] =pH FS 1/84[8] !!!Turbid\_TT\_TSS NS  
 15/53[4](15/53[4] 0/1[1] --/--[--]) +Un-ionzed ammonia FS 0/8[3]

Aquatic recreation IF +E. coli IF 2/20Ind 0/0mo

Ecoregion norms OK =NO2&NO3 OK 0/21[6] =Phosphorus OK 0/13[5]

09020108-505	5C	26.2	White Earth River	White Earth Lk to Wild Rice R	2C
MNPCA1	S003-162		white earth r at cr-25, 2.3 mi se of mahnomen		CSMP 14
MNPCA1	S003-162		white earth r at cr-25, 2.3 mi se of mahnomen		CSMP/RED 5
MNPCA1	S003-162		white earth r at cr-25, 2.3 mi se of mahnomen		REDRWTC 47
MNPCA1	S003-162		white earth r at cr-25, 2.3 mi se of mahnomen		WRICE-S 6

Aquatic life NS +Chloride FS 0/6[1] DO12 -- 1/55[8] DO5\_9am FS 1/10[4] DO5\_All FS 1/45[8] DO7 FS 0/10[5] +DOFinal IF[[1]] +pH FS 0/30[2] \$Turbid\_TT\_TSS NS  
 15/43[7](15/43[7] 0/3[1] 1/5[1]) +Un-ionzed ammonia FS 0/6[1]

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

09020108-506	3A	25.8	Wild Rice River	Twin Lake Cr to White Earth R	2B, 3B
MNPCA1	S003-163		wild rice r on mn-200, 1.2 mi ne of mahnomen		WRICE-S 6
MNPCA1	S003-163		wild rice r on mn-200, 1.2 mi ne of mahnomen		CSMP/RED 3
MNPCA1	S003-163		wild rice r on mn-200, 1.2 mi ne of mahnomen		REDRWTC 23
MNPCA1	S003-163		wild rice r on mn-200, 1.2 mi ne of mahnomen		CSMP 14

Aquatic life NS +Chloride FS 0/6[1] DO12 -- 0/29[5] DO5\_9am FS 0/6[2] DO5\_All FS 0/25[5] DO7 FS 0/4[2] +DOFinal IF[[1]] +pH FS 0/28[2] !!!Turbid\_TT\_TSS NS 3/23[4](3/23[4] 0/2[1] 1/12[1]) +Un-ionzed ammonia FS 0/6[1]

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

<b>09020108-507</b>	<b>3A</b>	<b>18.8</b>	<b>Wild Rice River</b>	<b>Upper Rice Lk to Lower Rice Lk</b>	<b>2B, 3B</b>
MNPCA1	S005-131		wild rice r at cr-103, 1.25 mi nw of zerkel		CSMP/RED 8

Aquatic life IF +pH FS 0/16[1]  
 Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo

<b>09020108-510</b>	<b>3A</b>	<b>24.7</b>	<b>Wild Rice River</b>	<b>Roy Lake Cr to Twin Lake Cr</b>	<b>2B, 3B</b>
MNPCA1	S005-130		wild rice r on twp rd 62 (210th st), 4 mi e of beaulieu		CSMP/RED 9
MPCAB	05RD009		Wild Rice River; 8.5 miles SE of Ruch State WMA		EMAP 1
MPCAB	05RD076		Wild Rice River; 6.5 miles SE of Lengby, MN; upstream of County Route 15		biocriteria 1

Aquatic life IF +pH FS 0/22[2]  
 Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

<b>09020108-514</b>	<b>2</b>	<b>19.6</b>	<b>Spring Creek</b>	<b>Headwaters to Wild Rice R</b>	<b>2B, 3B</b>
MNPCA1	S003-161		spring ck at csah-40, 8 mi sw of mahnomen		CSMP/RED 5
MNPCA1	S003-161		spring ck at csah-40, 8 mi sw of mahnomen		REDRW TCH 47
MNPCA1	S003-161		spring ck at csah-40, 8 mi sw of mahnomen		WRICE-S 6
MNPCA1	S003-161		spring ck at csah-40, 8 mi sw of mahnomen		CSMP 14

Aquatic life FS +Chloride FS 0/6[1] DO12 -- 0/57[8] DO5\_9am FS 0/4[4] DO5\_All FS 0/47[8] DO7 FS 0/10[5] +DOFinal IF[[1]] +pH FS 0/30[2] =Turbid\_TT\_TSS FS 1/43[7](1/43[7] 1/3[1] 0/10[1]) +Un-ionzed ammonia FS 0/6[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

<b>09020108-515</b>	<b>3A</b>	<b>17.6</b>	<b>Mashaug Creek</b>	<b>Headwaters to Wild Rice R</b>	<b>2B, 3B</b>
MNPCA1	S003-159		mashaug ck foot brg at heiberg park, 1 mi no of twin valley		REDRW TCH 9
MNPCA1	S003-159		mashaug ck foot brg at heiberg park, 1 mi no of twin valley		WRICE-S 6

Aquatic life FS +Chloride FS 0/6[1] +pH FS 0/12[1] +Turbid\_TT\_TSS FS 0/21[2](0/9[1] --/-- 0/12[1]) +Un-ionzed ammonia FS 0/6[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

<b>09020108-521</b>	<b>5C</b>	<b>33.1</b>	<b>Marsh Creek</b>	<b>Beaulieu Lk to Wild Rice R</b>	<b>2C</b>
MNPCA1	S002-110		marsh ck at cr-40, 6.5 mi w of mahnomen		WRICE-S 6
MNPCA1	S002-110		marsh ck at cr-40, 6.5 mi w of mahnomen		REDRW TCH 47
MNPCA1	S002-110		marsh ck at cr-40, 6.5 mi w of mahnomen		CSMP 14
MNPCA1	S002-110		marsh ck at cr-40, 6.5 mi w of mahnomen		CSMP/RED 5
MPCAB	05RD059		Marsh Creek; 3/4 mile W of US 59, ~1.5 miles SE of Bejou		EMAP 1
MPCAB	07RD002		Marsh Creek; Downstream of CR 134, 2.5 mi. NE of Bejou		ref. ditches 1

Aquatic life NS +Chloride FS 0/6[1] DO12 -- 1/59[8] DO5\_9am FS 0/4[4] DO5\_All FS 1/49[8] DO7 FS 0/10[5] +DOFinal IF[[1]] +pH FS 1/34[3] \$Turbid\_TT\_TSS NS 14/45[7](14/45[7] 0/3[1] 0/5[1]) +Un-ionzed ammonia FS 0/6[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020108-535</b>	<b>3A</b>	<b>13.0</b>	<b>Felton Creek/County Ditch 19/County Di</b>	<b>Headwaters (Unnamed lk 14-0082-00) to T141 R46W S14,</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S003-168		cd #19 (aka felton ck) on csah-33, 4 mi sw of ulen			CSMP	9
MNPCA1	S003-168		cd #19 (aka felton ck) on csah-33, 4 mi sw of ulen			CSMP/RED	3
MNPCA1	S003-168		cd #19 (aka felton ck) on csah-33, 4 mi sw of ulen			REDRWTC	10
MNPCA1	S004-174		felton ck (cd-19) at csah-27, 9.8 mi sw of ulen			REDRWTC	8
MNPCA1	S004-174		felton ck (cd-19) at csah-27, 9.8 mi sw of ulen			CSMP	8

Aquatic life NS DO12 -- 15/21[5] DO5\_9am FS 0/1[1] DO5\_All NS 12/16[4] DO7 NS 3/5[4] !!!DOFinal NS[[0]] +pH FS 1/14[2] +Turbid\_TT\_TSS FS 2/21[5](2/21[5] --/--) --/--)

<b>09020108-541</b>	<b>3B</b>	<b>3.2</b>	<b>Unnamed creek</b>	<b>Unnamed ditch to Wild Rice R</b>	<b>2B, 3B</b>		
MNPCA1	S003-158		unn dt (aka felton ditch) at township road, 3.8 mi ne perley			REDRWTC	16
MNPCA1	S003-158		unn dt (aka felton ditch) at township road, 3.8 mi ne perley			WRICE-S	6
MPCAB	07RD011		County Ditch 45; Downstream of CR 39, 4 mi. E of Perley			ref. ditches	1

Aquatic life NS +Chloride FS 0/6[1] DO12 -- 2 22[5] DO5\_9am FS 0/4[2] DO5\_All NS 2/17[5] DO7 FS 0/5[3] +DOFinal IF[[0]] +pH FS 0/14[2] Un-ionzed ammonia FS 1/6[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

<b>09020108-542</b>	<b>3A</b>	<b>1.2</b>	<b>Stiner Creek</b>	<b>Unnamed cr to S Br Wild Rice R</b>	<b>2B, 3B</b>		
MNPCA1	S003-121		stiner ck at csah-34 crossing, .6 mi e of ulen			CSMP/RED	3
MNPCA1	S003-121		stiner ck at csah-34 crossing, .6 mi e of ulen			REDRWTC	18
MNPCA1	S003-121		stiner ck at csah-34 crossing, .6 mi e of ulen			CSMP	13

Aquatic life IF +pH FS 0/14[2]

<b>09020108-543</b>	<b>3A</b>	<b>6.5</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>		
MNPCA1	S002-109		dalen coulee at cr-39, 3.3 mi e of perley			REDRWTC	6
MNPCA1	S002-109		dalen coulee at cr-39, 3.3 mi e of perley			WRICE-S	3

Aquatic recreation IF +E. coli IF 0/3Ind 0/0mo

<b>09020108-544</b>	<b>3A</b>	<b>1.4</b>	<b>Coon Creek</b>	<b>Unnamed cr to Wild Rice R</b>	<b>2B, 3B</b>		
MNPCA1	S003-157		coon ck at csah-28, 4 mi w of twin valley			REDRWTC	9
MNPCA1	S003-157		coon ck at csah-28, 4 mi w of twin valley			WRICE-S	5

Aquatic life IF +Chloride FS 0/5[1] +pH FS 0/10[1] +Un-ionzed ammonia FS 0/5[1]  
 Aquatic recreation IF +E. coli IF 0/5Ind 0/0mo

<b>09020108-545</b>	<b>3A</b>	<b>3.5</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>		
MNPCA1	S003-160		unn ck (aka moccasin ck) at csah-37, 8.5 mi se twin valley			REDRWTC	9
MNPCA1	S003-160		unn ck (aka moccasin ck) at csah-37, 8.5 mi se twin valley			WRICE-S	6

Aquatic life FS +Chloride FS 0/6[1] +pH FS 0/12[1] +Turbid\_TT\_TSS FS 1/21[2](1/9[1] --/--) 0/12[1] Un-ionzed ammonia FS 1/6[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: RD</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020108-557	3A	2.1	Unnamed creek	Unnamed ditch to S Br Wild Rice R	2B, 3B	
MNPCA1	S004-175		unn trib at 180th ave no., 3.8 mi nw of ulen		REDRWTC	11
MNPCA1	S004-175		unn trib at 180th ave no., 3.8 mi nw of ulen		CSMP	11
MNPCA1	S004-175		unn trib at 180th ave no., 3.8 mi nw of ulen		CSMP/RED	3
Aquatic life		IF	+pH FS 0/14[2]			

**HUC: 09020301      DNR Major: 61      HUC NAME: SANDHILL RIVER**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020301-501	5B	8.0	Red River of the North	Cole Cr (ND) to Red Lake R	1C, 2Bd, 3C	
MNPCA1	S001-222		red River at bridge 50' upst red lk r confl		CSMP	12
MNPCA1	S001-222		red River at bridge 50' upst red lk r confl		REDRWTC	41
MNPCA1	S001-222		red River at bridge 50' upst red lk r confl		RNC	3
MNPCA1	S001-222		red River at bridge 50' upst red lk r confl		MILE	47
MNPCA1	S001-222		red River at bridge 50' upst red lk r confl			10
MNPCA1	S001-222		red River at bridge 50' upst red lk r confl		MERCLKS/	5

Aquatic life      NS      +Chloride FS 0/7[1] DO12 -- 6/84[9] DO5\_9am FS 0/2[1] DO5\_All NS 5/44[8] DO7 FS 1/40[9] !!!DOFinal NS[[6]] +Mercury FS 0/5[4] =pH FS 0/108[9]  
 \$Turbid\_TT\_TSS NS 68/81[9](68/81[9] 6/6[2] --/--[--]) +Un-ionzed ammonia FS 0/41[9]

Aquatic recreation      FS      +E. coli FS 0/29Ind 0/3mo

Drinking Water      FS      +NO2&NO3 FS 0/47[9]

Ecoregion norms      EX      =BOD5 EX 2/19[4] =Phosphorus EX 26/52[9]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020301-504	5A	2.1	Red River of the North	Red Lake R to Grand Forks Dam	1C, 2Bd, 3C	
21NDHDWQ	384156		Red River at Grand Forks			40
MNPCA1	S002-113		red r at demers ave brg btw e grand fks, mn & grand fks, nd		REDRIVER	98
MNPCA1	S002-113		red r at demers ave brg btw e grand fks, mn & grand fks, nd		CSMP	32
MNPCA1	S002-113		red r at demers ave brg btw e grand fks, mn & grand fks, nd		CSMP/RED	15
MNPCA1	S002-113		red r at demers ave brg btw e grand fks, mn & grand fks, nd		REDRWTC	47
MPCAB	06RD005		Red river; Downtown East Grand Forks		biocriteria	1

Aquatic life      NS      =Chloride FS 0/71[11] DO12 -- 5/188[11] DO5\_9am FS 3/49[8] DO5\_All FS 5/129[10] DO7 FS 0/59[11] +DOFinal IF[[9]] =pH FS 0/300[11] \$Turbid\_TT\_TSS NS 125/139[10](125/139[10] 16/16[2] --/--[--]) +Un-ionzed ammonia FS 0/31[3]

Drinking Water      FS      +NO2&NO3 FS 0/146[11]

Ecoregion norms      EX      =Phosphorus EX 23/73[9]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      **Project**      **#Sample**  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      **Dates**

09020301-505	3B	31.0	Sandhill River	Kittleson Cr to Red R	2B, 3B
MNPCA1	S002-099		sand hill r at us-75 on north end of climax		REDRIVER 99
MNPCA1	S002-099		sand hill r at us-75 on north end of climax		CSMP 35
MNPCA1	S002-099		sand hill r at us-75 on north end of climax		REDRWTC 44
MNPCA1	S002-099		sand hill r at us-75 on north end of climax		CSMP/RRW 8
MNPCA1	S002-099		sand hill r at us-75 on north end of climax		CSMP/RED 5
MNPCA1	S002-099		sand hill r at us-75 on north end of climax		LOADSTDY 20
MNPCA1	S003-130		sandhill r at mn-9, .5 mi so of beltrami		CSMP/RRW 14
MNPCA1	S003-130		sandhill r at mn-9, .5 mi so of beltrami		CSMP 10
MNPCA1	S003-130		sandhill r at mn-9, .5 mi so of beltrami		CSMP/RED 2
MNPCA1	S003-130		sandhill r at mn-9, .5 mi so of beltrami		REDRWTC 23
MNPCA1	S003-132		sandhill r inter 330th ave sw/230th st sw 4 mi ne nielsville		REDRWTC 6
MNPCA1	S003-133		sand hill r at csah-51, 4.2 mi se of climax		REDRWTC 20
MNPCA1	S003-134		sand hill r at mn-220, .5 mi w of climax		REDRWTC 41
MNPCA1	S003-134		sand hill r at mn-220, .5 mi w of climax		CSMP/RED 5
MNPCA1	S003-134		sand hill r at mn-220, .5 mi w of climax		CSMP 15
MNPCA1	S004-186		sand hill r at 240th st sw crossing, 7.5 mi se of climax		REDRWTC 24
MNPCA1	S004-186		sand hill r at 240th st sw crossing, 7.5 mi se of climax		CSMP/RED 5
MNPCA1	S004-186		sand hill r at 240th st sw crossing, 7.5 mi se of climax		CSMP 11
MNPCA1	S004-188		sand hill r at 340th ave sw, 5.6 mi ese of beltrami		CSMP/RED 3
MNPCA1	S004-188		sand hill r at 340th ave sw, 5.6 mi ese of beltrami		CSMP 6
MNPCA1	S004-188		sand hill r at 340th ave sw, 5.6 mi ese of beltrami		REDRWTC 6
MNPCA1	S004-358		sand hill r at 340th ave sw, 7 mi ese of beltrami		REDRWTC 3
MNPCA1	S004-648		sand hill r at 110th st sw (cr-213), 3 mi se of beltrami		CSMP/RED 3
MPCAB	05RD018		Sandhill River; ~1.5 miles downstream of County Route 51, ~1.5 miles SE of Climax		EMAP 2
MPCAB	07RD007		Sand Hill River; Downstream of CR 14, 9 mi. E of Nielsville		ref. ditches 1

Aquatic life      NS      +Chloride FS 0/47[3] DO12 -- 0/186[11] DO5\_9am FS 0/20[7] DO5\_All FS 0/150[10] DO7 FS 0/36[10] +DOFinal IF[[5]] =pH FS 0/294[6] !!!Turbid\_TT\_TSS NS 150/171[11](150/171[11] 14/16[3] --/--[--]) +Un-ionzed ammonia FS 0/46[3]  
 Aquatic recreation      NS      !!!E. coli NS 2/22Ind 2/3mo  
 Ecoregion norms      EX      =NO2&NO3 EX 43 125[7] =Phosphorus EX 9/36[5]

09020301-507	5A	10.7	Red River of the North	Sandhill R to Buffalo Coulee (ND)	1C, 2Bd, 3C
MNPCA1	S003-142		red r at csah-7, 2.2 mi w of climax		REDRWTC 44
MNPCA1	S003-142		red r at csah-7, 2.2 mi w of climax		CSMP 14
MNPCA1	S003-142		red r at csah-7, 2.2 mi w of climax		CSMP/RED 5

Aquatic life      NS      DO12 -- 0/48[11] DO5\_9am FS 0/2[2] DO5\_All FS 0/37[10] DO7 FS 0/11[8] +DOFinal IF[[0]] +pH FS 0/24[2] \$Turbid\_TT\_TSS NS 43/45[10](43/45[10] 4/4[1] --/--[--])

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: RD</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

09020301-508	3A	12.4	Kittleson Creek	Headwaters to Sandhill R	2C			
MNPCA1	S004-187		kittleson ck at 330th ave sw crossing, 5.6 mi w of fertile		CSMP/RRW 1			
MNPCA1	S004-187		kittleson ck at 330th ave sw crossing, 5.6 mi w of fertile		REDRW TCH 20			
MNPCA1	S004-187		kittleson ck at 330th ave sw crossing, 5.6 mi w of fertile		CSMP/RED 10			
MNPCA1	S004-187		kittleson ck at 330th ave sw crossing, 5.6 mi w of fertile		CSMP 6			
MPCAB	05RD107		Kittleson Creek; 2.5 m N of Fertile, upstream of State Rd 32		biocriteria 2			
Aquatic life	NS	DO12 -- 0/32[6]	DO5_9am FS 0/2[1]	DO5_All FS 0/29[6]	DO7 FS 0/3[3]	+DOFinal IF[[0]]	+pH FS 0/32[3]	!!!Turbid_TT_TSS NS 4/27[5](4/27[5] 0/1[1] --/--[--])
Aquatic recreation	IF	+E. coli IF 1/9Ind 0/0mo						

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020301-509	5C	73.5	Sandhill River	Headwaters to Kittleson Cr	2B, 3B
MNPCA1	S000-706		sand hill r at rd btn s20/29 0.5 mi w of fertile		CSMP/RRW 14
MNPCA1	S000-706		sand hill r at rd btn s20/29 0.5 mi w of fertile		CSMP 13
MNPCA1	S000-706		sand hill r at rd btn s20/29 0.5 mi w of fertile		REDRWTC 36
MNPCA1	S000-706		sand hill r at rd btn s20/29 0.5 mi w of fertile		CSMP/RED 2
MNPCA1	S003-135		sand hill r at csah-1, 1 mi e of fertile		REDRWTC 33
MNPCA1	S003-135		sand hill r at csah-1, 1 mi e of fertile		CSMP 9
MNPCA1	S003-136		sand hill r at 350th ave sw, 4 mi sw of fertile		CSMP 8
MNPCA1	S003-136		sand hill r at 350th ave sw, 4 mi sw of fertile		REDRWTC 31
MNPCA1	S003-136		sand hill r at 350th ave sw, 4 mi sw of fertile		CMB 8
MNPCA1	S003-137		sand hill r at 340th ave se, 3 1/4 mi sw of fosston		REDRWTC 25
MNPCA1	S003-138		sand hill r at 200th st se, 6 mi sw of fosston		REDRWTC 41
MNPCA1	S003-138		sand hill r at 200th st se, 6 mi sw of fosston		CSMP 16
MNPCA1	S003-138		sand hill r at 200th st se, 6 mi sw of fosston		CSMP/RRW 14
MNPCA1	S003-138		sand hill r at 200th st se, 6 mi sw of fosston		CSMP/RED 4
MNPCA1	S003-139		sand hill r at 345th ave se, 4.5 mi sw of fosston		CSMP 13
MNPCA1	S003-139		sand hill r at 345th ave se, 4.5 mi sw of fosston		REDRWTC 21
MNPCA1	S003-139		sand hill r at 345th ave se, 4.5 mi sw of fosston		CSMP/RED 4
MNPCA1	S003-140		sand hill r at csah-1, 5.2 mi e of fertile		CSMP/RED 3
MNPCA1	S003-140		sand hill r at csah-1, 5.2 mi e of fertile		CSMP 15
MNPCA1	S003-140		sand hill r at csah-1, 5.2 mi e of fertile		REDRWTC 36
MNPCA1	S003-141		sand hill r at csah-10, 9 mi se of fertile		REDRWTC 32
MNPCA1	S003-141		sand hill r at csah-10, 9 mi se of fertile		CSMP 16
MNPCA1	S003-141		sand hill r at csah-10, 9 mi se of fertile		CSMP/RED 2
MNPCA1	S003-141		sand hill r at csah-10, 9 mi se of fertile		CSMP/RRW 14
MNPCA1	S003-143		sand hill r at 185th st se, 5.5 mi se of mcintosh		CSMP 17
MNPCA1	S003-143		sand hill r at 185th st se, 5.5 mi se of mcintosh		CSMP/RED 4
MNPCA1	S003-143		sand hill r at 185th st se, 5.5 mi se of mcintosh		REDRWTC 41
MNPCA1	S003-144		sand hill r at 120th st se, 2.8 mi sw of winger		CSMP 27
MNPCA1	S003-144		sand hill r at 120th st se, 2.8 mi sw of winger		CSMP/RED 5
MNPCA1	S003-144		sand hill r at 120th st se, 2.8 mi sw of winger		REDRWTC 55
MNPCA1	S003-499		sand hill r at csah-1, 4.3 mi e of winger, mn		CSMP 30
MNPCA1	S004-198		sand hill r at 150th st se crossing, 2 mi ese of winger		REDRWTC 18
MNPCA1	S004-198		sand hill r at 150th st se crossing, 2 mi ese of winger		CSMP/RED 5
MNPCA1	S004-198		sand hill r at 150th st se crossing, 2 mi ese of winger		CSMP 14
MNPCA1	S004-199		sand hill r at csah-7 crossing, 7.6 mi sw of winger		REDRWTC 19
MNPCA1	S004-199		sand hill r at csah-7 crossing, 7.6 mi sw of winger		CSMP 14

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					
MNPCA1	S004-199		sand hill r at csah-7 crossing, 7.6 mi sw of winger			CSMP/RED	5
MPCAB	05RD052		Sand Hill River; 3/4 miles upstream of County Route 1, ~8 miles SE of Fosston			EMAP	1
Aquatic life	NS	+Chloride FS 0/15[1] DO12 -- 73/163[11] DO5_9am NS 17/44[10] DO5_All NS 70/129[10] \$DO7 FS 3/34[11] \$DOFinal NS[9] +pH FS 0/78[3] !!!Turbid_TT_TSS NS 16/146[10](16/146[10] 10/56[5] --/--[--]) +Un-ionzed ammonia FS 0/15[1]					
Aquatic recreation	IF	+E. coli IF 0/19Ind 0/1mo					
Ecoregion norms	EX	+NO2&NO3 OK 1/16[2] =Phosphorus EX 6/16[2]					
<b>09020301-512</b>	<b>2</b>	<b>2.0</b>	<b>County Ditch 16</b>		<b>CD 55 to Sandhill R</b>		<b>2B, 3B</b>
MNPCA1	S003-131		cd #16 at csah-31, 5 mi se of mcintosh			CSMP	2
MNPCA1	S003-131		cd #16 at csah-31, 5 mi se of mcintosh			REDRWTC	32
MPCAB	07RD003		County Ditch 16; Upstream of CR 31, 5 mi. W of Fosston			ref. ditches	1
Aquatic life	NS	DO12 -- 1/33[8] DO5_9am FS 0/13[4] DO5_All FS 1/26[7] DO7 FS 0/7[7] +DOFinal FS[3] !!!Turbid_TT_TSS NS 4/30[7](4/30[7] 0/2[1] --/--[--])					
<b>HUC: 09020302</b>			<b>DNR Major: 62</b>		<b>HUC NAME: UPPER/LOWER RED LAKE</b>		
<b>09020302-505</b>	<b>3A</b>	<b>2.7</b>	<b>Battle River</b>		<b>N Br Battle R to Lower Red Lk (Tribal water)</b>		<b>2B, 3B</b>
MNPCA1	S002-968		battle r (so br) at indian services 19/hwy 18 10 mi ne redby			CSMP	14
MNPCA1	S002-968		battle r (so br) at indian services 19/hwy 18 10 mi ne redby			REDRWTC	25
Aquatic life	NS	DO12 -- 5/25[5] DO5_All NS 5/17[5] DO7 FS 0/8[4] !!!DOFinal NS[0] =Turbid_TT_TSS FS 0/25[5](0/18[4] 0/7[1] --/--[--])					
<b>09020302-507</b>	<b>3A</b>	<b>31.6</b>	<b>South Cormorant River</b>		<b>Headwaters to Blackduck R</b>		<b>2B, 3B</b>
MNPCA1	S004-834		cormorant r at csah-37 xing, 8 mi no of blackduck			CSMP/RRW	3
MPCAB	05RD021		South Cormorant River; Downstream of Hwy 71, ~6 miles NE of Blackduck			EMAP	1
MPCAB	05RD087		South Cormorant River; 8.5m N of Blackduck, downstream of County Route 37			biocriteria	2
Aquatic life	IF	+pH FS 0/12[2]					
Aquatic recreation	IF	+E. coli IF 0/3Ind 0/0mo					
<b>09020302-508</b>	<b>3A</b>	<b>11.4</b>	<b>Darrigans Creek</b>		<b>Headwaters (Whitefish Lk) to O'Brien Cr</b>		<b>2B, 3B</b>
MNPCA1	S004-832		darrigan's ck at csah-23 xing, 9 1/3 mi nw of blackduck			CSMP/RRW	2
Aquatic recreation	IF	+E. coli IF 0/2Ind 0/0mo					
<b>09020302-510</b>	<b>3A</b>	<b>17.9</b>	<b>Blackduck River</b>		<b>Blackduck Lk to O'Brien Cr</b>		<b>2B, 3B</b>
MNPCA1	S004-831		blackduck r at the deer trail rd xing, 7 mi nw of blackduck			CSMP/RRW	3
MPCAB	05RD054		Blackduck River; ~1.5 miles E of County Route 23, ~10 miles NW of Blackduck			EMAP	1
Aquatic recreation	IF	+E. coli IF 0/3Ind 0/0mo					



<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: RD</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

<b>09020302-512</b>	<b>5C</b>	<b>7.9</b>	<b>Blackduck River</b>	<b>South Cormorant R to North Cormorant R</b>	<b>2B, 3B</b>			
MNPCA1	S002-969		black duck r at csah-23, 8.8 mi e of redby		REDRWTCB 26			
MNPCA1	S002-969		black duck r at csah-23, 8.8 mi e of redby		CSMP 14			
MPCAB	05RD088		Blackduck River; 13m SW of Kelliher , upstream of County Route 23		biocriteria 1			
Aquatic life	NS	DO12 -- 3/27[5]	DO5_9am FS 0/1[1]	DO5_All NS 3/18[5]	\$DO7 FS 0/9[4]	\$DOFinal NS[[0]]	=Turbid_TT_TSS FS 0/27[5](0/19[4] 0/8[2] --/--[--])	
<b>09020302-521</b>	<b>2</b>	<b>14.7</b>	<b>Pike Creek</b>	<b>Headwaters (Tenmile Lk) to Lower Red Lk</b>	<b>2B, 3B</b>			
MNPCA1	S002-970		PIKE CReek, dnr gauging station (so side of csah-1) red lake		REDRWTCB 26			
MNPCA1	S002-970		PIKE CReek, dnr gauging station (so side of csah-1) red lake		CSMP 14			
Aquatic life	FS	DO12 -- 1/26[5]	DO5_All FS 1/17[5]	DO7 FS 0/9[4]	+DOFinal IF[[0]]	=Turbid_TT_TSS FS 0/26[5](0/19[4] 0/7[1] --/--[--])		
<b>09020302-541</b>	<b>3A</b>	<b>9.3</b>	<b>Mud River</b>	<b>T150 R33W S16, south line to Lower Red Lk</b>	<b>2B, 3B</b>			
MNPCA1	S002-085		mud r on csah-1 bridge in redby		REDRWTCB 26			
MNPCA1	S002-085		mud r on csah-1 bridge in redby		CSMP 14			
MNPCA1	S002-085		mud r on csah-1 bridge in redby		CWPREDLK 15			
Aquatic life	FS	DO12 -- 0/41[9]	DO5_All FS 0/21[8]	DO7 FS 0/20[8]	+DOFinal IF[[1]]	=pH FS 0/30[5]	=Turbid_TT_TSS FS 0/23[6](0/23[6] 0/7[1] --/--[--])	+Un-ionzed ammonia FS 0/15[5]
Ecoregion norms	EX	+NO2&NO3 EX 5/15[5] =Phosphorus OK 1/20[5]						
<b>09020302-544</b>	<b>3A</b>	<b>8.6</b>	<b>O'Brien Creek</b>	<b>T149 R32W S2, south line to T150 R32W S23, north line</b>	<b>1B, 2A, 3B</b>			
MNPCA1	S004-833		o'briens ck at the harvest rd ne xing, 8 1/2 mi nw blackduck		CSMP/RRW 2			
Aquatic recreation	IF	+E. coli IF 0/2Ind 0/0mo						

HUC: 09020303

DNR Major: 63

HUC NAME: RED LAKE RIVER

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

09020303-501	5B	30.7	Red Lake River	Burnham Cr to Unnamed cr	1C, 2Bd, 3C	
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher		REDRTURB	25
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher			10
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher		AG_PEST	3
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher		CSMP	3
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher		CSMP/RED	16
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher		CSMP/RRW	14
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher		MERCLKS/	6
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher		MILE	47
MNPCA1	S000-031		Red Lake River at bridge on csah-15 at fisher		REDRWTC	13
MNPCA1	S002-098		red lk r at csah-220, 3.5 mi se of east grand forks		REDRWTC	20
MNPCA1	S002-098		red lk r at csah-220, 3.5 mi se of east grand forks		REDRIVER	101
MNPCA1	S002-098		red lk r at csah-220, 3.5 mi se of east grand forks		CSMP/RED	1
MNPCA1	S002-098		red lk r at csah-220, 3.5 mi se of east grand forks		CSMP	25
MNPCA1	S005-403		red lake r just s of csah-15 at fisher		MDAWQMP	4

Aquatic life      NS      +Arsenic FS 0/5[4] +Cadmium FS 0/5[4] +Chloride FS 0/40[3] +Chromium FS 0/5[4] +Copper FS 0/5[4] DO12 -- 1/189[10] DO5\_9am FS 1/33[6] DO5\_All FS 1/125[9] DO7 FS 0/64[10] +DOFinal IF[[7]] +Lead FS 0/5[4] +Mercury FS 0/5[4] +Nickel FS 0/5[4] =pH FS 1/318[10] \$Turbid\_TT\_TSS NS 133/169[10](133/169[10] 15/19[4] --/--[--]) +Un-ionized ammonia FS 0/77[10] +Zinc FS 0/5[4]  
 Aquatic recreation      FS      +E. coli FS 1/43Ind 0/5mo  
 Drinking Water      FS      +NO2&NO3 FS 0/158[10]  
 Ecoregion norms      EX      +BOD5 OK 0/13[4] =Phosphorus EX 11/78[8]

09020303-502	5B	9.9	Red Lake River	Black R to Gently R	1C, 2Bd, 3C	
MNPCA1	S002-976		red lake r at csah-3, 8 mi w of red lake falls		CSMP	19
MNPCA1	S002-976		red lake r at csah-3, 8 mi w of red lake falls		REDRWTC	35
MNPCA1	S002-976		red lake r at csah-3, 8 mi w of red lake falls		CSMP/RED	4
MNPCA1	S002-976		red lake r at csah-3, 8 mi w of red lake falls		REDRTURB	2
MNPCA1	S003-173		red l r at huot bridge/csah-3, 0.8 mi sw of huot, mn		REDLCNTY	62

Aquatic life      NS      DO12 -- 2 91[11] DO5\_9am FS 2/35[10] DO5\_All FS 2/58[10] DO7 FS 0/33[11] +DOFinal IF[[9]] =pH FS 0/136[11] \$Turbid\_TT\_TSS NS 22/94[11](22/94[11] 1/5[2] --/--[--]) +Un-ionized ammonia FS 0/59[11]  
 Aquatic recreation      FS      +E. coli FS 0/19Ind 0/0mo  
 Drinking Water      FS      +NO2&NO3 FS 0/53[9]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020303-503	5B	1.9	Red Lake River	Unnamed cr to Red R	1C, 2Bd, 3C
MNPCA1	S000-013		red lake r dnst of mn-220 br in east grand forks		10
MNPCA1	S000-013		red lake r dnst of mn-220 br in east grand forks	MILE	47
MNPCA1	S002-963		red lk r at 2nd ave ne (murray bridge) in east grand forks	REDRW TCH	49
MNPCA1	S002-963		red lk r at 2nd ave ne (murray bridge) in east grand forks	REDRTURB	20
MNPCA1	S002-963		red lk r at 2nd ave ne (murray bridge) in east grand forks	CWPREDLK	42
MNPCA1	S002-963		red lk r at 2nd ave ne (murray bridge) in east grand forks	CSMP	12

Aquatic life NS +Chloride FS 0/9[3] DO12 -- 2 144[11] DO5\_9am FS 0/11[4] DO5\_All FS 2/82[10] DO7 FS 0/62[10] +DOFinal IF[[9]] =pH FS 0/206[11] \$Turbid\_TT\_TSS NS 99/128[11](99/128[11] 6/8[2] --/--[--]) +Un-ionized ammonia FS 1/79[11]

Aquatic recreation FS +E. coli FS 0/41Ind 0/6mo

Drinking Water FS +NO2&NO3 FS 0/80[11]

Ecoregion norms EX =BOD5 OK 0/16[4] <>Phosphorus EX 8/70[10]

09020303-504	5B	20.9	Red Lake River	Unnamed cr to Clearwater R	1C, 2Bd, 3C
MNPCA1	S002-975		red lake r at old railroad crossing in red lake falls	CSMP/RED	4
MNPCA1	S002-975		red lake r at old railroad crossing in red lake falls	REDRTURB	1
MNPCA1	S002-975		red lake r at old railroad crossing in red lake falls	CSMP	19
MNPCA1	S002-975		red lake r at old railroad crossing in red lake falls	REDRW TCH	36
MNPCA1	S003-172		red l r at sportsman's bridge/csah-13, 1 mi w red lake falls	REDLCNTY	54
MNPCA1	S003-571		red lake r at sportsman park near pub access in red lk falls	REDRW TCH	7
MNPCA1	S003-571		red lake r at sportsman park near pub access in red lk falls	CSMP	11

Aquatic life NS DO12 -- 1/87[11] DO5\_9am FS 1/37[10] DO5\_All FS 1/58[10] DO7 FS 0/29[11] +DOFinal FS[[7]] =pH FS 1/116[11] \$Turbid\_TT\_TSS NS 12/87[11](12/87[11] 0/5[2] --/--[--]) +Un-ionized ammonia FS 0/50[11]

Aquatic recreation FS +E. coli FS 1/19Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/45[9]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

09020303-506	5B	25.1	Red Lake River	Crookston Dam to Burnham Cr	1C, 2Bd, 3C
MNPCA1	S002-080		red lk r, sampson brg, in crookston		CSMP 18
MNPCA1	S002-080		red lk r, sampson brg, in crookston		CWPREDLK 43
MNPCA1	S002-080		red lk r, sampson brg, in crookston		MDAWQMP 1
MNPCA1	S002-080		red lk r, sampson brg, in crookston		REDRTURB 15
MNPCA1	S002-080		red lk r, sampson brg, in crookston		REDRWTCB 37
MNPCA1	S002-080		red lk r, sampson brg, in crookston		CSMP/RED 3
MNPCA1	S002-971		red lake r at us-75 brg (truck bypass) on w side crookston		REDRWTCB 36
MNPCA1	S002-971		red lake r at us-75 brg (truck bypass) on w side crookston		CSMP/RED 2
MNPCA1	S002-971		red lake r at us-75 brg (truck bypass) on w side crookston		CSMP 18
MNPCA1	S002-973		red lake r at broadway ave in crookston		REDRWTCB 33
MNPCA1	S002-973		red lake r at broadway ave in crookston		CSMP/RED 3
MNPCA1	S002-973		red lake r at broadway ave in crookston		CSMP 18
MPCAB	05RD080		Red Lake River; 1.5 miles West of Crookston, MN; downstream of Alt. 75		biocriteria 1

Aquatic life NS DO12 -- 0/93[11] DO5\_9am FS 0/16[6] DO5\_All FS 0/60[10] DO7 FS 0/33[10] +DOFinal IF[[5]] =pH FS 0/128[11] \$Turbid\_TT\_TSS NS 30/77[11](30/77[11] 2/12[4] -- /--[--]) +Un-ionzed ammonia FS 0/38[11]

Aquatic recreation IF +E. coli IF 0/13Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/42[11]

Ecoregion norms EX =Phosphorus EX 5/33[8]

09020303-508	4A	66.4	Red Lake River	Headwaters to Thief R	1C, 2Bd, 3C
MNPCA1	S002-077		red lk r on csah-24 brg, 7 mi so of goodridge		CWPREDLK 41
MNPCA1	S002-077		red lk r on csah-24 brg, 7 mi so of goodridge		RNC 7
MNPCA1	S002-123		red lake r at Lower Red Lake outlet dam		CWPREDLK 21
MNPCA1	S003-944		red lake r brg xing on 420th ave se, 27 mi se thief r falls		MULTI-CO 64
MNPCA1	S003-947		red lake r kratka brg on csah-22, 9 mi se thief River falls		THIEFSED 1
MNPCA1	S003-947		red lake r kratka brg on csah-22, 9 mi se thief River falls		MULTI-CO 64
MPCAB	05RD034		Red Lake River; S of CR 62, 2 miles SE of Thief River Falls		EMAP 1
MPCAB	05RD129		Red Lake River; 6.5m S of Goodridge, downstream of County Route 24		nutrients 1

Aquatic life NS DO12 -- 10/105[11] DO5\_9am FS 0/2[1] DO5\_All NS 10/66[10] DO7 FS 0/39[10] !!!DOFinal NS[[3]] =pH FS 2/224[11] =Turbid\_TT\_TSS FS 0/98[11](0/98[11] --/[--] --/[--]) +Un-ionzed ammonia FS 0/91[11]

Aquatic recreation FS +E. coli FS 0/23Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/101[11]

Ecoregion norms OK =Phosphorus OK 0/42[8]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>09020303-509</b>	<b>4A</b>	<b>0.9</b>	<b>Red Lake River</b>	<b>Thief R to Thief River Falls Dam</b>	<b>1C, 2Bd, 3C</b>
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MNPCA1	S002-076		red lk r on first st brg in thief River falls		RNC	7
MNPCA1	S002-076		red lk r on first st brg in thief River falls		MULTI-CO / CWPRE	1
MNPCA1	S002-076		red lk r on first st brg in thief River falls		CWPREDLK	41
MNPCA1	S002-076		red lk r on first st brg in thief River falls		MULTI-CO	68

Aquatic life	NS	DO12 -- 6/102[10] DO5_9am FS 0/4[2] DO5_All FS 6/62[10] DO7 FS 0/40[9] +DOFinal IF[[4]] =pH FS 2/216[11] =Turbid_TT_TSS FS 5/96[11](5/96[11] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/53[10]
Aquatic recreation	FS	+E. coli FS 0/22Ind 0/0mo
Drinking Water	FS	+NO2&NO3 FS 0/60[10]
Ecoregion norms	OK	=Phosphorus OK 0/32[7]

<b>09020303-512</b>	<b>5B</b>	<b>11.8</b>	<b>Red Lake River</b>	<b>Gentilly R to Crookston Dam</b>	<b>1C, 2Bd, 3C</b>
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MNPCA1	S000-042		Red Lake River w. of gentilly		CSMP	17
MNPCA1	S000-042		Red Lake River w. of gentilly		REDRWTCB	44
MNPCA1	S000-042		Red Lake River w. of gentilly		CSMP/RED	3

Aquatic life	NS	DO12 -- 0/43[10] DO5_9am FS 0/19[7] DO5_All FS 0/33[9] DO7 FS 0/10[7] +DOFinal FS[[3]] +pH FS 0/16[2] \$Turbid_TT_TSS NS 6/40[9](6/40[9] 1/7[3] --/--[--])
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<b>09020303-513</b>	<b>4A</b>	<b>13.7</b>	<b>Red Lake River</b>	<b>Thief River Falls Dam to Unnamed cr</b>	<b>1C, 2Bd, 3C</b>
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MNPCA1	S002-324		red lk r 100 ft upst of fibr in lb hartz pk in thief r falls		MERCLKS/	5
MNPCA1	S003-942		red lk r at st hilaire brg on csah-3, 6 mi s thief riv falls		REDRTURB	7
MNPCA1	S003-942		red lk r at st hilaire brg on csah-3, 6 mi s thief riv falls		MULTI-CO	64
MPCAB	05RD121		Red Lake River; 0.5m S of Thief River Falls, C city Park		nutrients	1
MPCAB	05RD171		Red Lake River; in between CR 74 and CR 75, 2m N of St. Hilaire		EMAP	1

Aquatic life	NS	+Arsenic FS 0/5[4] +Cadmium FS 0/5[4] +Chromium FS 0/5[4] +Copper FS 0/5[4] DO12 -- 3/66[10] DO5_9am FS 0/3[1] DO5_All FS 2/48[10] DO7 FS 1/18[9] +DOFinal IF[[0]] +Lead FS 0/5[4] +Mercury FS 0/5[4] +Nickel FS 0/5[4] =pH FS 0/146[11] <>Turbid_TT_TSS FS 4/71[11](4/71[11] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/18[6] +Zinc FS 0/5[4]
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Aquatic recreation	IF	+E. coli IF 0/11Ind 0/0mo
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Drinking Water	FS	+NO2&NO3 FS 0/22[6]
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AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020303-515</b>	<b>5C</b>	<b>20.5</b>	<b>Burnham Creek</b>		<b>Unnamed cr to Red Lake R</b>		<b>2C</b>
MNPCA1	S002-081		burnham ck, twnshp rd brg, 3/4 mi se us-75 2 mi sw crookston			CSMP	16
MNPCA1	S002-081		burnham ck, twnshp rd brg, 3/4 mi se us-75 2 mi sw crookston			CSMP/RED	3
MNPCA1	S002-081		burnham ck, twnshp rd brg, 3/4 mi se us-75 2 mi sw crookston			CWPREDLK	41
MNPCA1	S002-081		burnham ck, twnshp rd brg, 3/4 mi se us-75 2 mi sw crookston			REDRWTC	27
MNPCA1	S002-972		burnham ck at polk cr-216, 2.3 mi se of fisher			REDRWTC	13
MNPCA1	S002-972		burnham ck at polk cr-216, 2.3 mi se of fisher			CSMP	4
Aquatic life	NS		DO12 -- 4/72[11] DO5_All FS 3/42[10] DO7 FS 1/30[10] +DOFinal IF[[1]] =pH FS 2/98[11] \$Turbid_TT_TSS NS 16/53[10](16/53[10] 1/11[3] --/--) +Un-ionized ammonia FS 0/35[11]				
Aquatic recreation	IF		+E. coli IF 0/12Ind 0/0mo				
Ecoregion norms	EX		+NO2&NO3 EX 10/35[11] =Phosphorus EX 4/31[7]				
<b>09020303-516</b>	<b>3D</b>	<b>23.2</b>	<b>Burnham Creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2C</b>
Aquatic life	NS		=Chloride FS 0/20[3] DO12 -- 5/32[6] DO5_9am NS 3/4[4] DO5_All NS 4/15[5] DO7 FS 1/17[6] !!!DOFinal NS[[2]] =pH FS 0/64[6] +Un-ionized ammonia FS 0/32[6]				
Ecoregion norms	EX		=NO2&NO3 EX 6/32[6] =Phosphorus OK 0/32[6]				
<b>09020303-518</b>	<b>3A</b>	<b>13.2</b>	<b>Gentilly River</b>		<b>Headwaters to Red Lake R</b>		<b>2C</b>
MNPCA1	S004-058		gentilly r at csah-11 crossing in gentilly			CWPREDLK	18
Aquatic life	IF		+pH FS 1/32[4] +Un-ionized ammonia FS 0/12[4]				
Aquatic recreation	IF		+E. coli IF 0/13Ind 0/0mo				
Ecoregion norms	OK		+NO2&NO3 OK 1/13[4]				
<b>09020303-519</b>	<b>3D</b>	<b>11.8</b>	<b>Cyr Creek</b>		<b>Headwaters to Red Lake R</b>		<b>2B, 3B</b>
MNPCA1	S004-818		cyr ck at cr-110, 4 mi sw of red lake falls			CSMP/RRW	2
MNPCA1	S004-818		cyr ck at cr-110, 4 mi sw of red lake falls			RLC-S	9
Aquatic life	IF		=pH FS 0/22[1] +Un-ionized ammonia FS 0/11[1]				
Aquatic recreation	IF		+E. coli IF 3/11Ind 0/0mo				
Ecoregion norms	EX		=NO2&NO3 EX 2/11[1]				
<b>09020303-523</b>	<b>3B</b>	<b>15.0</b>	<b>County Ditch 65</b>		<b>Unnamed lk (60-0317-00) to Burnham Cr</b>		<b>2B, 3B</b>
Aquatic life	NS		=Chloride FS 0/22[3] DO12 -- 6/27[4] DO5_9am NS 3/5[2] DO5_All NS 4/10[3] DO7 NS 2/17[4] !!!DOFinal NS[[2]] =pH FS 0/54[4] +Un-ionized ammonia FS 0/27[4]				
Ecoregion norms	EX		=NO2&NO3 EX 3 27[4] =Phosphorus OK 0/27[4]				
<b>09020303-524</b>	<b>3B</b>	<b>12.8</b>	<b>County Ditch 140</b>		<b>Unnamed ditch to Gentilly R</b>		<b>2B, 3B</b>
Aquatic life	NS		=Chloride FS 0/17[3] DO12 -- 2 22[4] DO5_9am NS 2/2[2] DO5_All NS 2/9[3] DO7 FS 0/13[4] +DOFinal IF[[1]] =pH FS 0/44[4] +Un-ionized ammonia FS 0/22[4]				
Ecoregion norms	EX		=NO2&NO3 EX 6/22[4] <>Phosphorus OK 2/22[4]				

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
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<b>09020303-525</b>	<b>3A</b>	<b>9.3</b>	<b>Kripple Creek</b>		<b>Unnamed cr to Gentilly R</b>	<b>2B, 3B</b>	
MNPCA1	S004-835		kripple ck at 80th st sw xing, near town of gentilly			CSMP/RRW	2
MPCAB	05RD077		Kripple Creek; 3 miles NE of Gentilly, upstream of 250th Avenue			biocriteria	1
Aquatic recreation	IF		+E. coli IF 0/2Ind 0/0mo				
<b>09020303-526</b>	<b>3D</b>	<b>5.9</b>	<b>Kripple Creek (County Ditch 66)</b>		<b>Unnamed ditch to Unnamed cr</b>	<b>2B, 3B</b>	
MPCAB	07RD006		Judicial Ditch 6b; Downstream of Hwy 50. 3 mi. NW of Marcoux			ref. ditches	1
Aquatic life	IF		=Chloride FS 0/23[3] DO12 -- 0/36[6] DO5_9am FS 0/5[3] DO5_All FS 0/17[5] DO7 FS 0/19[6] +DOFinal IF[[2]] =pH FS 0/72[6] +Un-ionzed ammonia FS 0/35[6]				
Ecoregion norms	EX		=NO2&NO3 EX 24/36[6] =Phosphorus OK 2/36[6]				
<b>09020303-527</b>	<b>2</b>	<b>3.1</b>	<b>Unnamed ditch</b>		<b>Unnamed ditch to Little Black R</b>	<b>2B, 3B</b>	
MNPCA1	S003-946		goose lk Swamp (goose lk otl) 1 mi e csah-3, 2 mi n dorothy			MULTI-CO	57
Aquatic life	NS		DO12 -- 12 47[10] DO5_All NS 10/31[10] DO7 NS 2/16[9] !!!DOFinal NS[[0]] =pH FS 0/108[10] =Turbid_TT_TSS FS 0/56[10](0/56[10] --/--[--] --/--[--]) +Un-ionzed ammonia FS 0/11[3]				
Aquatic recreation	IF		+E. coli IF 1/6Ind 0/0mo				
Ecoregion norms	OK		=NO2&NO3 OK 0/11[3]				
<b>09020303-529</b>	<b>5C</b>	<b>8.5</b>	<b>Black River</b>		<b>Little Black R to Red Lake R</b>	<b>2B, 3B</b>	
MNPCA1	S002-132		black r on csah-18 b/4 conflu w/red lk, 6 mi w red lk falls			CWPREDLK	19
MNPCA1	S002-132		black r on csah-18 b/4 conflu w/red lk, 6 mi w red lk falls			REDRWTCB	35
MNPCA1	S002-132		black r on csah-18 b/4 conflu w/red lk, 6 mi w red lk falls			CSMP/RED	5
MNPCA1	S002-132		black r on csah-18 b/4 conflu w/red lk, 6 mi w red lk falls			CSMP	19
Aquatic life	NS		DO12 -- 0/54[10] DO5_All FS 0/34[8] DO7 FS 0/20[9] +DOFinal IF[[0]] +pH FS 1/54[4] \$Turbid_TT_TSS NS 13/46[9](13/46[9] 3/12[4] --/--[--] --/--[--]) +Un-ionzed ammonia FS 0/11[4]				
Aquatic recreation	IF		+E. coli IF 0/12Ind 0/0mo				
Ecoregion norms	EX		+NO2&NO3 EX 3 11[4]				
<b>09020303-530</b>	<b>5A</b>	<b>30.0</b>	<b>Black River</b>		<b>Headwaters to Little Black R</b>	<b>2B, 3B</b>	
MNPCA1	S003-943		black r (south) at cr-100, 17 mi sw of thief River falls			MULTI-CO	61
MNPCA1	S003-948		black r (north) at cr-58 culvert, 14 mi sw of thief r falls			MULTI-CO	52
MPCAB	05RD122		Black River; Upstream of CR 55, 5 miles NW of Wylie			biocriteria	1
MPCAB	07RD022		Trib. To Black River; Upstream of CR 67, 10 mi. W of Theif River Falls			ref. ditches	1
Aquatic life	NS		DO12 -- 10/55[10] DO5_All NS 8/38[10] \$DO7 NS 2/17[9] \$DOFinal NS[[0]] =pH FS 0/122[11] \$Turbid_TT_TSS NS 11/63[11](11/63[11] --/--[--] --/--[--]) +Un-ionzed ammonia FS 0/24[3]				
Aquatic recreation	IF		+E. coli IF 1/11Ind 0/0mo				
Ecoregion norms	EX		+NO2&NO3 EX 6/28[3]				

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					
<b>09020303-540</b>		<b>2.9</b>	<b>Browns Creek</b>		<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>	
MNPCA1	S004-817		browns ck at csah-9, 6 mi nw of red lake falls			RLC-S	6
Aquatic life	IF	+pH FS 0/12[1] +Un-ionzed ammonia FS 0/6[1]					
Aquatic recreation	IF	+E. coli IF 0/6Ind 0/0mo					
<b>09020303-541</b>			<b>Unnamed ditch</b>		<b>Unnamed cr to Red Lake R</b>	<b>2B, 3B</b>	
MNPCA1	S004-965		unn str (cd#21) at csah-17 brg, 2 mi ne of st. hilaire			TRRLR-S	9
Aquatic life	NS	+Chloride FS 0/9[1] +pH FS 0/18[1] !!!Un-ionzed ammonia NS 2/9[1]					
Aquatic recreation	IF	+E. coli IF 4/9Ind 0/0mo					
<b>09020303-902</b>	<b>3A</b>	<b>2.0</b>	<b>Unnamed ditch</b>		<b>T154 R43W S31 to Red Lake R</b>	<b>7</b>	
MNPCA1	S004-964		unn str (cd#70 clvrt) 1/2 mi e oakland park rd thief r falls			TRRLR-S	9
Aquatic recreation	IF	+E. coli IF 1/9Ind 0/0mo					
Limited Use Waters	IF	+Chloride FS 0/9[1] +pH FS 0/18[1] +Un-ionzed ammonia FS 0/9[1]					

HUC: 09020304

DNR Major: 65

HUC NAME: THIEF RIVER



**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

09020304-501	5A	22.0	Thief River	Agassiz Pool to Red Lake R	2B, 3B
MNPCA1	S002-079		thief r, 1 mi e csah-32, hillyer brg, 4 mi n thief r falls		THIEFSED 27
MNPCA1	S002-079		thief r, 1 mi e csah-32, hillyer brg, 4 mi n thief r falls		CWPREDLK 50
MNPCA1	S002-079		thief r, 1 mi e csah-32, hillyer brg, 4 mi n thief r falls		CSMP/RED 16
MNPCA1	S002-079		thief r, 1 mi e csah-32, hillyer brg, 4 mi n thief r falls		CWDOFC-L 1
MNPCA1	S002-079		thief r, 1 mi e csah-32, hillyer brg, 4 mi n thief r falls		REDRIVER 32
MNPCA1	S002-079		thief r, 1 mi e csah-32, hillyer brg, 4 mi n thief r falls		CSMP 1
MNPCA1	S002-088		thief r on csah-7 brg in agassiz nwr, 6 mi e of holt		THIEFSED 47
MNPCA1	S002-088		thief r on csah-7 brg in agassiz nwr, 6 mi e of holt		MC-EAST 17
MNPCA1	S002-088		thief r on csah-7 brg in agassiz nwr, 6 mi e of holt		CWPREDLK 48
MNPCA1	S003-945		thief r at golf course brg on csah-31, 2 mi n thief r falls		MULTI-CO 63
MNPCA1	S003-945		thief r at golf course brg on csah-31, 2 mi n thief r falls		CWPREDLK 1
MNPCA1	S004-052		thief r at rangeline rd brg (csah-12), 4.5 mi se of holt		CWPREDLK 1
MNPCA1	S004-052		thief r at rangeline rd brg (csah-12), 4.5 mi se of holt		THIEFSED 14
MNPCA1	S004-495		thief r at cr-44 xing, 6 1/4 mi n of thief r falls		THIEFSED 14
MNPCA1	S004-723		thief r (ditch 83) at csah-2, 6.5 mi n of thief River falls		CSMP 24

Aquatic life      NS      =Chloride FS 0/21[4] DO12 -- 17/217[11] DO5\_9am NS 3/12[5] DO5\_All FS 11/150[10] \$DO7 FS 6/67[11] \$DOFinal NS[[8]] =pH FS 6/450[11] \$Turbid\_TT\_TSS NS 30/202[11](30/202[11] 4/29[3] --/--[--]) +Un-ionized ammonia FS 1/151[11]  
 Aquatic recreation      FS      +E. coli FS 1/42Ind 0/5mo  
 Ecoregion norms      EX      =NO2&NO3 EX 21/167[11] =Phosphorus OK 4/62[7]

09020304-504	5C	7.9	Thief River	Thief Lk to Agassiz Pool	2B, 3B
MNPCA1	S002-084		thief r on csah-49 brg, 10 mi ne of Middle River		CWPREDLK 41
MNPCA1	S002-084		thief r on csah-49 brg, 10 mi ne of Middle River		MC-EAST 17
MNPCA1	S002-084		thief r on csah-49 brg, 10 mi ne of Middle River		THIEFSED 17
MNPCA1	S004-047		thief r at csah-6 crossing, 9.5 mi e of Middle River		CWPREDLK 5
MNPCA1	S004-055		thief river, north end thief river rd, 9 mi e Middle River		THIEFSED 95
MNPCA1	S004-055		thief river, north end thief river rd, 9 mi e Middle River		CWPREDLK 5
MNPCA1	S004-055		thief river, north end thief river rd, 9 mi e Middle River		CWDOFC-L 1
MNPCA1	S004-501		poplar r at 200th ave se (aka 220th ave se ) 5 mi n erskine		CWDOFC-L 29

Aquatic life      NS      DO12 -- 5/170[11] DO5\_9am FS 0/1[1] DO5\_All FS 3/124[10] DO7 FS 2/46[11] +DOFinal IF[[3]] =pH FS 16/348[11] =Turbid\_TT\_TSS FS 6/161[10](6/161[10] --/--[--]) --/--[--]) \$Un-ionized ammonia NS 2/61[11]  
 Aquatic recreation      NS      !!!E. coli NS 0/26Ind 1/2mo  
 Ecoregion norms      OK      =NO2&NO3 OK 6/74[11] =Phosphorus OK 0/30[7]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020304-505	5C	23.4	Moose River	Headwaters to Thief Lk	2B, 3B
MNPCA1	S002-089		moose r on mn-89 brg, 16 mi nw of grygla		THIEFSED 11
MNPCA1	S002-089		moose r on mn-89 brg, 16 mi nw of grygla		MC-EAST 17
MNPCA1	S002-089		moose r on mn-89 brg, 16 mi nw of grygla		CWPREDLK 41
MNPCA1	S002-980		moose r at moose r forest road, 12 mi ne of grygla		CSMP/RED 3
MNPCA1	S002-980		moose r at moose r forest road, 12 mi ne of grygla		REDRWTCB 26
MNPCA1	S002-980		moose r at moose r forest road, 12 mi ne of grygla		CSMP 15
MPCAB	05RD096		Moose River; 14 miles NW of Grygla, upstream of CR 127		biocriteria 1
MPCAB	05RD104		Moose River; 9 m N of Grygla , upstream of Hwy 1/54		biocriteria 1

Aquatic life NS DO12 -- 14/92[10] DO5\_All NS 10/61[10] \$DO7 NS 4/31[10] \$DOFinal NS[[3]] =pH FS 7/150[11] =Turbid\_TT\_TSS FS 2/77[10](2/77[10] 1/8[2] --/--[1]) +Un-ionized ammonia FS 0/45[11]

Aquatic recreation FS +E. coli FS 0/20Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 16/59[11] =Phosphorus EX 15/38[9]

09020304-507	5C	20.0	Mud River	Headwaters to Agassiz Pool	2B, 3B
MNPCA1	S002-078		mud r, on mn-89 bridge, 6 mi nw of grygla		CWPREDLK 41
MNPCA1	S002-078		mud r, on mn-89 bridge, 6 mi nw of grygla		MC-EAST 17
MNPCA1	S002-078		mud r, on mn-89 bridge, 6 mi nw of grygla		THIEFSED 55
MNPCA1	S002-977		mud r at csah-54 in grygla		CSMP 14
MNPCA1	S002-977		mud r at csah-54 in grygla		CSMP/RED 3
MNPCA1	S002-977		mud r at csah-54 in grygla		MC-EAST 17
MNPCA1	S002-977		mud r at csah-54 in grygla		REDRWTCB 25
MNPCA1	S004-212		mud r (jd-11) at 390th ave ne brg xing, .5 mi w of grygla		MC-EAST 15
MPCAB	05RD097		Mud River; 4 m NW of Grygla, 1m downstream of CR 53		biocriteria 1

Aquatic life NS DO12 -- 8/134[11] DO5\_9am FS 0/14[3] DO5\_All FS 7/94[10] \$DO7 FS 1/40[11] \$DOFinal IF[[5]] =pH FS 5/234[11] =Turbid\_TT\_TSS FS 1/116[10](1/116[10] 1/7[2] --/--[1]) +Un-ionized ammonia FS 0/49[11]

Aquatic recreation FS +E. coli FS 0/23Ind 0/1mo

Ecoregion norms EX =NO2&NO3 EX 34/85[11] <>Phosphorus OK 1/33[8]

09020304-509	3A	8.5	Unnamed ditch (Judicial Ditch 18)	T154 R42W S14, east line to Thief R	7
MNPCA1	S004-966		unn str (jd#18/jd#30) at 140th ave brg 3 mi no thief r falls		TRRLR-S 9

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

Limited Use Waters IF +Chloride FS 0/9[1] +pH FS 0/18[1] +Un-ionized ammonia FS 0/9[1]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020304-511</b>	<b>3A</b>	<b>5.0</b>	<b>Unnamed ditch</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S004-048		farmes pool oltl (cd #27) cr-120 in agassiz nwr 7 mi se holt		CWPREDLK 1
MNPCA1	S004-493		jd#11 (branch 200) at 190th ave ne culvert xing 6 mi se holt		THIEFSED 40

Aquatic life NS DO12 -- 6/40[3] DO5\_All NS 6/32[2] DO7 FS 0/8[3] !!!DOFinal NS[[1]] +pH FS 2/74[3] +Turbid\_TT\_TSS FS 2/40[3](2/40[3] --/--) --/--) +Un-ionzed ammonia FS 0/19[2]

Aquatic recreation FS +E. coli FS 0/15Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 3 18[2]

<b>09020304-513</b>	<b>2</b>	<b>8.4</b>	<b>County Ditch 20</b>	<b>Unnamed ditch to CD 32</b>	<b>2B, 3B</b>
MNPCA1	S002-979		cd #20 at csah-54, 5 mi south of grygla		CSMP/RED 3
MNPCA1	S002-979		cd #20 at csah-54, 5 mi south of grygla		CSMP 15
MNPCA1	S002-979		cd #20 at csah-54, 5 mi south of grygla		REDRWTC 27

Aquatic life FS DO12 -- 1/27[6] DO5\_9am FS 0/7[2] DO5\_All FS 1/21[6] DO7 FS 0/6[4] +DOFinal IF[[1]] +pH FS 0/10[2] =Turbid\_TT\_TSS FS 0/20[5](0/20[5] 0/6[1] --/--)

<b>09020304-519</b>	<b>3A</b>	<b>1.0</b>	<b>County Ditch 20</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S004-494		cd #20 at 180th ave ne xing, 8 1/4 mi ne of thief r falls		THIEFSED 31

Aquatic life NS DO12 -- 0/31[2] DO5\_All FS 0/26[2] DO7 FS 0/5[2] +DOFinal IF[[0]] +pH FS 1/62[2] !!!Turbid\_TT\_TSS NS 3/30[2](3/30[2] --/--) --/--) +Un-ionzed ammonia FS 0/11[2]

Aquatic recreation IF +E. coli IF 0/11Ind 0/0mo

<b>09020304-521</b>	<b>2</b>	<b>1.0</b>	<b>Unnamed ditch</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S002-978		unn trib (mud r) moose r imp olt for jd11, 10.5 mi ne grygla		CSMP/RED 3
MNPCA1	S002-978		unn trib (mud r) moose r imp olt for jd11, 10.5 mi ne grygla		REDRWTC 27
MNPCA1	S002-978		unn trib (mud r) moose r imp olt for jd11, 10.5 mi ne grygla		CSMP 15

Aquatic life FS DO12 -- 1/27[6] DO5\_All FS 1/21[6] DO7 FS 0/6[4] +DOFinal IF[[1]] +pH FS 0/10[2] =Turbid\_TT\_TSS FS 0/20[5](0/20[5] 0/6[1] --/--)

<b>09020304-534</b>		<b>2.0</b>	<b>Unnamed ditch</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S004-499		jd #11 (branch 200) 290th ave ne, east boundary agassiz nwr		THIEFSED 85

Aquatic life NS DO12 -- 16/82[2] DO5\_9am NS 2/15[2] DO5\_All NS 16/74[2] DO7 FS 0/8[2] !!!DOFinal NS[[2]] +pH FS 8/168[2] +Turbid\_TT\_TSS FS 2/84[2](2/84[2] --/--) --/--)

<b>09020304-535</b>		<b>4.0</b>	<b>Judicial Ditch 11</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S004-498		jd#11 (main chnl) at the 290th ave ne xing, east agassiz nwr		THIEFSED 87

Aquatic life FS DO12 -- 0/84[2] DO5\_9am FS 0/3[1] DO5\_All FS 0/74[2] DO7 FS 0/10[2] +DOFinal IF[[2]] +pH FS 7/172[2] +Turbid\_TT\_TSS FS 7/86[2](7/86[2] --/--) --/--)

HUC: 09020305

DNR Major: 66

HUC NAME: CLEARWATER RIVER

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020305-501	5B	7.2	Clearwater River	Lower Badger Cr to Red Lake R	2B, 3B
MNPCA1	S002-118		clearwater r at klondike bridge/bottineau ave red lake falls		REDRWTCB 36
MNPCA1	S002-118		clearwater r at klondike bridge/bottineau ave red lake falls		CSMP 20
MNPCA1	S002-118		clearwater r at klondike bridge/bottineau ave red lake falls		CSMP/RED 20
MNPCA1	S002-118		clearwater r at klondike bridge/bottineau ave red lake falls		CWPREDLK 41
MNPCA1	S002-118		clearwater r at klondike bridge/bottineau ave red lake falls		REDLCNTY 62
MNPCA1	S002-118		clearwater r at klondike bridge/bottineau ave red lake falls		REDLCNTY / CWPR 2
MNPCA1	S002-118		clearwater r at klondike bridge/bottineau ave red lake falls		REDRIVER 35

Aquatic life NS +Chloride FS 0/19[3] DO12 -- 3/169[11] DO5\_9am FS 3/51[10] DO5\_All FS 3/112[10] DO7 FS 0/57[11] +DOFinal IF[[10]] =pH FS 0/282[11] \$Turbid\_TT\_TSS NS 23/148[11](23/148[11] 2/13[4] --/--[--]) +Un-ionzed ammonia FS 0/114[11]

Aquatic recreation FS +E. coli FS 0/29Ind 0/4mo

Ecoregion norms EX =NO2&NO3 EX 67/140[11] =Phosphorus EX 5/48[7]

09020305-502	3A	12.7	Lower Badger Creek	CD 14 to Clearwater R	2C
MNPCA1	S004-837		lower badger ck at cr-114 xing, 3 mi se of red lk falls		CSMP/RRW 3
MPCAB	07RD026		Lower Badger Creek; Upstream of CR 29, 3.5 mi. SW of Terrebonne		ref. ditches 1

Aquatic recreation IF +E. coli IF 0/3Ind 0/0mo

09020305-504	2	14.3	Poplar River	Highway 59 to Lost R	2B, 3B
MNPCA1	S002-117		poplar r at sh92 2.5mi w of brooks		CWPREDLK 41
MPCAB	05RD003		Poplar River; 1/4 mile downstream of CR16, ~2 miles SW of Brooks		EMAP 1

Aquatic life FS DO12 -- 1/42[11] DO5\_All FS 1/22[10] DO7 FS 0/20[10] +DOFinal IF[[0]] =pH FS 1/84[11] +Turbid\_TT\_TSS FS 1/28[8](1/28[8] --/--[--] --/--[--]) +Un-ionzed ammonia FS 0/38[11]

Aquatic recreation IF +E. coli IF 0/12Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 14/39[11] =Phosphorus EX 4/26[8]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020305-507	5C	41.0	Lost River	Anderson Lk to Hill R	2B, 3B
MNPCA1	S001-128		lost r at cr-131, 2 mi w of oklee		LOADSTDY 1
MNPCA1	S001-131		lost r at csah-5 at oklee		CSMP 8
MNPCA1	S001-131		lost r at csah-5 at oklee		CWDOFC-L 33
MNPCA1	S001-131		lost r at csah-5 at oklee		CWPREDLK 46
MNPCA1	S001-131		lost r at csah-5 at oklee		REDRWTC 22
MNPCA1	S002-133		lost r at cr-119, 2 mi n of brooks		REDRWTC 23
MNPCA1	S002-133		lost r at cr-119, 2 mi n of brooks		CWPREDLK 22
MNPCA1	S002-133		lost r at cr-119, 2 mi n of brooks		CSMP 9
MNPCA1	S003-500		lost r at township rd .1 mi n of csah-33, 3.7 mi e of oklee		CSMP 29
MNPCA1	S004-500		lost r at csah-7 crossing, 3 mi n of gonvick		CWDOFC-L 36
MPCAB	05RD046		Lost River; Just downstream of CR 133, ~1.3 miles W of Oklee.		EMAP 2
MPCAB	05RD061		Lost River; Downstream of CR 129, ~3 miles SE of Plummer		EMAP 1
MPCAB	07RD024		Lost River; Upstream of 550th St, 3 mi. NE of Gully		ref. ditches 1

Aquatic life FS DO12 -- 2 96[11] DO5\_9am FS 0/2[2] DO5\_All FS 2/57[10] DO7 FS 0/39[11] +DOFinal IF[[3]] =pH FS 2/148[11] =Turbid\_TT\_TSS FS 5/79[11](5/79[11] 0/35[5] --/--[-]) +Un-ionzed ammonia FS 0/52[11]

Aquatic recreation FS \$E. coli FS 0/51Ind 0/7mo

Ecoregion norms EX +NO2&NO3 EX 29/57[11] =Phosphorus OK 0/36[9]

09020305-508	5C	0.4	County Ditch 57	Unnamed ditch to Clearwater R	2B, 3B
MNPCA1	S002-730		cd57 to clearwater r at cr126, 2 mi ne of plummer		CWDOFC-L 18
MNPCA1	S002-730		cd57 to clearwater r at cr126, 2 mi ne of plummer		RLC-S 10
MNPCA1	S002-730		cd57 to clearwater r at cr126, 2 mi ne of plummer		CWPREDLK 1

Aquatic life NS DO12 -- 13/28[2] DO5\_All NS 12/24[2] \$DO7 NS 1/4[2] \$DOFinal NS[[0]] +pH FS 0/56[2] !!!Turbid\_TT\_TSS NS 11/29[2](11/29[2] --/--[-] --/--[-]) +Un-ionzed ammonia FS 0/9[1]

Aquatic recreation IF +E. coli IF 2/10Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 3 10[1]

09020305-509	5C	5.2	Walker Brook	Walker Brook Lk to Clearwater R	2B, 3B
MNPCA1	S002-122		walker bk at csah19 in bagley mn		CSMP 4
MNPCA1	S002-122		walker bk at csah19 in bagley mn		CWPREDLK 49
MNPCA1	S002-122		walker bk at csah19 in bagley mn		REDRWTC 2
MNPCA1	S002-122		walker bk at csah19 in bagley mn		CSMP/RED 6

Aquatic life NS DO12 -- 16/57[6] DO5\_All NS 14/33[6] \$DO7 FS 2/24[5] \$DOFinal NS[[2]] <>pH FS 5/110[6] +Turbid\_TT\_TSS FS 0/23[5](0/23[5] 0/9[3] --/--[-]) +Un-ionzed ammonia FS 0/19[1]

Ecoregion norms EX +NO2&NO3 OK 0/19[1] =Phosphorus EX 11/19[1]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

09020305-510	5B	58.5	Clearwater River	Ruffy Bk to Lost R	2B, 3B
MNPCA1	S001-462		clearwater r, 7 3/4 mi ne of gonvick, mn		CWDOFC-L 1
MNPCA1	S001-462		clearwater r, 7 3/4 mi ne of gonvick, mn		CWPREDLK 1
MNPCA1	S001-462		clearwater r, 7 3/4 mi ne of gonvick, mn		REDRWTC 41
MNPCA1	S001-462		clearwater r, 7 3/4 mi ne of gonvick, mn		CSMP 27
MNPCA1	S002-121		clearwater r at cr96 7 mi e of roland		MULTI-CO / CWDO 1
MNPCA1	S002-121		clearwater r at cr96 7 mi e of roland		CSMP 28
MNPCA1	S002-121		clearwater r at cr96 7 mi e of roland		CSMP/CWD 1
MNPCA1	S002-121		clearwater r at cr96 7 mi e of roland		CWDOFC-L 46
MNPCA1	S002-121		clearwater r at cr96 7 mi e of roland		MULTI-CO 63
MNPCA1	S002-124		clearwater r at rd in t151r42s45w 1 mi n plummer		REDRWTC 34
MNPCA1	S002-124		clearwater r at rd in t151r42s45w 1 mi n plummer		REDLCNTY 62
MNPCA1	S002-124		clearwater r at rd in t151r42s45w 1 mi n plummer		CWPREDLK 46
MNPCA1	S002-124		clearwater r at rd in t151r42s45w 1 mi n plummer		CWDOFC-L 43
MNPCA1	S002-124		clearwater r at rd in t151r42s45w 1 mi n plummer		CSMP 9
MNPCA1	S002-916		clearwater r at cr127, 8 mi e of plummer		CWDOFC-L 1
MNPCA1	S002-917		clearwater r at csah20 3 mi sw of plummer		CWDOFC-L 1
MNPCA1	S002-981		clearwater r at csah-5, 6 mi n of oklee		CWDOFC-L 1
MNPCA1	S002-981		clearwater r at csah-5, 6 mi n of oklee		REDRWTC 24
MNPCA1	S002-981		clearwater r at csah-5, 6 mi n of oklee		CSMP 7
MNPCA1	S003-098		clearwater r at csah-1, 1 1/4 mi w of us-59, 1 mi sw plummer		CWDOFC-L 1
MNPCA1	S003-098		clearwater r at csah-1, 1 1/4 mi w of us-59, 1 mi sw plummer		REDRWTC 20
MNPCA1	S003-174		clearwater r at roland bridge/csah-10, 0.1 mi w of roland,mn		REDLCNTY 62
MNPCA1	S003-174		clearwater r at roland bridge/csah-10, 0.1 mi w of roland,mn		CWDOFC-L 17
MPCAB	05RD012		Clearwater River; downstream of CR 61, ~8.5 miles NE of Gonvick. Use road on state land to access, eastern bank is all Red Lake Reservation land.		EMAP 1
MPCAB	05RD029		Clearwater River; Downstream of Hwy 1, 1.5 miles SW of Plummer.		EMAP 1
MPCAB	07RD017		Clearwater River; Upstream of CR 5, 4 mi. W of Roland		ref. ditches 1

Aquatic life      NS      DO12 -- 12 235[11] DO5\_9am FS 0/7[6] DO5\_All FS 12/148[10] \$DO7 FS 0/87[11] \$DOFinal IF[[10]] =pH FS 2/350[11] \$Turbid\_TT\_TSS NS 40/224[11](40/224[11] 3/31[6] --/--[--]) +Un-ionzed ammonia FS 1/173[11]

Aquatic recreation      FS      \$E. coli FS 0/68Ind 0/7mo

Ecoregion norms      EX      =NO2&NO3 EX 85/165[11] =Phosphorus EX 4/34[10]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

<b>09020305-511</b>	<b>5B</b>	<b>11.8</b>	<b>Clearwater River</b>	<b>Lost R to Beau Gerlot Cr</b>	<b>2B, 3B</b>
MNPCA1	S002-914		clearwater r at csah12 1mi n terrebonne		CWDOFC-L 1
MNPCA1	S002-914		clearwater r at csah12 1mi n terrebonne		CWPREDLK 1
MNPCA1	S002-914		clearwater r at csah12 1mi n terrebonne		REDLCNTY 62

Aquatic life NS DO12 -- 1/55[10] DO5\_9am FS 0/11[6] DO5\_All FS 1/41[10] DO7 FS 0/14[7] +DOFinal IF[[2]] =pH FS 0/122[11] \$Turbid\_TT\_TSS NS 7/62[11](7/62[11] --/--[-] --/[-] --/[-]) +Un-ionzed ammonia FS 0/59[11]

Aquatic recreation FS +E. coli FS 0/19Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 35/53[9]

<b>09020305-512</b>	<b>2</b>	<b>10.2</b>	<b>Lost River</b>	<b>Pine Lk to Anderson Lk</b>	<b>2B, 3B</b>
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MNPCA1	S000-924		lost r at rd btn s34/35 1.5 mi n of gonvick		SRCL/SAU 1
MNPCA1	S000-925		lost r at road between s2/3 0.5 mi n of gonvick		SRCL/SAU 1
MNPCA1	S000-926		lost r at t149n/r38w/s3/seq/seq at gonvick		SRCL/SAU 1
MNPCA1	S000-927		lost r at rd in t149n/r38w/s10/nwq/swq, gonvick		SRCL/SAU 1
MNPCA1	S001-007		lost r at e/w rd in mid s21 1.5 mi s of gonvick		CWPREDLK 40
MNPCA1	S004-049		lost r on csah-7 in gonvick		CWPREDLK 5
MNPCA1	S004-050		lost r, no. of ash st in gonvick		CWPREDLK 5

Aquatic life FS DO12 -- 0/44[11] DO5\_All FS 0/24[10] DO7 FS 0/20[9] +DOFinal IF[[0]] =pH FS 1/90[11] +Turbid\_TT\_TSS FS 0/29[8](0/29[8] 0/2[1] --/--[-]) +Un-ionzed ammonia FS 0/39[11]

Aquatic recreation IF +E. coli IF 0/11Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 2/39[11] =Phosphorus OK 0/25[7]

<b>09020305-513</b>	<b>5C</b>	<b>26.4</b>	<b>Ruffy Brook</b>	<b>Headwaters to Clearwater R</b>	<b>2B, 3B</b>
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MNPCA1	S002-120		ruffy bk at cr67 4mi no of clearbrook		CWPREDLK 54
MNPCA1	S004-056		ruffy bk at csah-4, 3 mi e of clearbrook		CWPREDLK 15
MNPCA1	S004-057		ruffy bk crossing of leon twp rd l-7, 2 3/4 mi ne clearbrook		CWPREDLK 15
MPCAB	05RD101		Ruffy Brook; 5 miles SE of Clearbrook, upstream of CR 79		biocriteria 1

Aquatic life FS DO12 -- 1/59[11] DO5\_All FS 1/32[10] DO7 FS 0/27[11] +DOFinal IF[[0]] =pH FS 1/118[11] =Turbid\_TT\_TSS FS 1/41[8](1/41[8] 0/1[1] 0/26[4]) +Un-ionzed ammonia FS 0/37[11]

Aquatic recreation IF \$E. coli IF 1/15Ind 0/0mo

Ecoregion norms EX +NO2&NO3 OK 2/38[11] =Phosphorus EX 3/25[8]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

09020305-514	4A	18.1	Clearwater River	Clearwater Lk to Ruffy Bk	2B, 3B
MNPCA1	S001-461		clearwater r, 6 1/4 mi n of leonard, minnesota		REDRWTCB 41
MNPCA1	S001-461		clearwater r, 6 1/4 mi n of leonard, minnesota		CMB 8
MNPCA1	S001-461		clearwater r, 6 1/4 mi n of leonard, minnesota		CSMP 27
MNPCA1	S001-461		clearwater r, 6 1/4 mi n of leonard, minnesota		CSMP/RED 1
MNPCA1	S002-119		clearwater r at cr4 at outlet of clearwater lk		CSMP/RED 1
MNPCA1	S002-119		clearwater r at cr4 at outlet of clearwater lk		CWPREDLK 56
MNPCA1	S002-119		clearwater r at cr4 at outlet of clearwater lk		REDRWTCB 22
MNPCA1	S002-119		clearwater r at cr4 at outlet of clearwater lk		CSMP 8
MNPCA1	S002-752		clearwater r at csah11 9mi ne of clearbrook		CWDOFC-L 1
MPCAB	05RD105		Clearwater River; 6.5 miles NE of Clearbrook, upstream of CR 15		biocriteria 1

Aquatic life      FS      DO12 -- 1/99[11] DO5\_9am FS 0/1[1] DO5\_All FS 1/53[10] DO7 FS 0/46[10] +DOFinal IF[[4]] =pH FS 0/124[11] =Turbid\_TT\_TSS FS 0/61[11](0/61[11] 0/6[4] --/--[ ] +Un-ionzed ammonia FS 1/56[11]  
 Aquatic recreation      IF      +E. coli IF 0/13Ind 0/0mo  
 Ecoregion norms      EX      +NO2&NO3 EX 8/57[11] =Phosphorus OK 1/43[8]

09020305-516	4A	17.7	Clearwater River	T148 R35W S31, west line to Clearwater Lk	1B, 2A, 3B
MNPCA1	S001-460		clearwater r, 4 3/4 mi ne of leonard, mn		CSMP 19
MNPCA1	S001-460		clearwater r, 4 3/4 mi ne of leonard, mn		CWPREDLK 38
MNPCA1	S001-909		clearwater r at csah 22 brg, 1 mi w of pinewood		CLRWATER 18
MNPCA1	S001-911		clearwater r at csah 24, 6 mi ne of leonard		CSMP 8
MNPCA1	S001-911		clearwater r at csah 24, 6 mi ne of leonard		CSMP/RED 1
MNPCA1	S001-911		clearwater r at csah 24, 6 mi ne of leonard		REDRWTCB 41

Aquatic life      NS      DO12 -- 5/95[10] DO5\_All FS 5/61[9] DO7 FS 0/34[9] +DOFinal IF[[2]] <>pH FS 5/118[6] =Turbid\_TT\_TSS FS 6/66[10](6/66[10] 0/8[3] --/--[ ]) !!!Un-ionzed ammonia NS 2/36[6]  
 Aquatic recreation      IF      +E. coli IF 0/13Ind 0/0mo  
 Drinking Water      FS      +NO2&NO3 FS 0/37[6]  
 Ecoregion norms      EX      +NO2&NO3 EX 10/37[6] <>Phosphorus EX 11/23[2]



AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020305-517	5B	30.3	Clearwater River	Headwaters to T148 R36W S36, east line	2B, 3B
MNPCA1	S001-458		Clearwater River 1 1/2 mi w of bagley, mn		CSMP 26
MNPCA1	S001-458		Clearwater River 1 1/2 mi w of bagley, mn		CSMP/RED 6
MNPCA1	S001-458		Clearwater River 1 1/2 mi w of bagley, mn		CWPREDLK 59
MNPCA1	S001-458		Clearwater River 1 1/2 mi w of bagley, mn		REDRWTC 43
MNPCA1	S001-459		clearwater r, 7 1/2 mi ne of bagley, mn		CSMP 19
MNPCA1	S001-906		Clearwater River at bridge on us-2, 1 mi e of bagley		CWPREDLK 41
MNPCA1	S001-907		Clearwater River, culvert at cr-91, 3.5 mi ne of bagley		REDRWTC 11
MNPCA1	S001-907		Clearwater River, culvert at cr-91, 3.5 mi ne of bagley		CSMP 8
MNPCA1	S001-907		Clearwater River, culvert at cr-91, 3.5 mi ne of bagley		CSMP/RED 6
MNPCA1	S001-908		clearwater r at csah 2 brg, 4 mi n of shevlin		REDRWTC 41
MNPCA1	S001-908		clearwater r at csah 2 brg, 4 mi n of shevlin		CSMP 8
MNPCA1	S001-908		clearwater r at csah 2 brg, 4 mi n of shevlin		CSMP/RED 1
MNPCA1	S003-382		clearwater r at cr-23, 5 mi s of leonard, minnesota		CLRWATER 18
MNPCA1	S004-202		clearwater r at 336th st in headwtr area 6.5 mi sw of bagley		CSMP/RED 6
MNPCA1	S004-202		clearwater r at 336th st in headwtr area 6.5 mi sw of bagley		REDRWTC 10
MNPCA1	S004-202		clearwater r at 336th st in headwtr area 6.5 mi sw of bagley		CSMP 8
MNPCA1	S004-203		clearwater r near headwtr area at t-277 5 1/4 mi w of bagley		CSMP/RED 6
MNPCA1	S004-203		clearwater r near headwtr area at t-277 5 1/4 mi w of bagley		REDRWTC 8
MNPCA1	S004-203		clearwater r near headwtr area at t-277 5 1/4 mi w of bagley		CSMP 7
MNPCA1	S004-204		clearwater r at schilling rd, dnst storm s outlet in bagley		CSMP/RED 6
MNPCA1	S004-204		clearwater r at schilling rd, dnst storm s outlet in bagley		REDRWTC 12
MNPCA1	S004-204		clearwater r at schilling rd, dnst storm s outlet in bagley		CSMP 9

Aquatic life	NS	DO12 -- 32 136[11] DO5_9am NS 8/12[3] DO5_All NS 23/83[10] \$DO7 NS 9/53[11] \$DOFinal NS[[5]] =pH FS 3/188[11] =Turbid_TT_TSS FS 6/94[11](6/94[11] 0/9[4] --/--[--]) +Un-ionzed ammonia FS 0/95[11]
Aquatic recreation	IF	+E. coli IF 0/13Ind 0/0mo
Ecoregion norms	EX	+NO2&NO3 EX 9/88[11] =Phosphorus EX 12/45[7]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020305-518	5C	39.3	Poplar River	Spring Lk to Highway 59	2B, 3B	
MNPCA1	S000-477		poplar r at csah-6 1 mile ne of fosston		REDRWTC	21
MNPCA1	S000-477		poplar r at csah-6 1 mile ne of fosston		CWDOFC-L	2
MNPCA1	S000-477		poplar r at csah-6 1 mile ne of fosston		CSMP/RED	4
MNPCA1	S000-477		poplar r at csah-6 1 mile ne of fosston		CSMP	16
MNPCA1	S000-477		poplar r at csah-6 1 mile ne of fosston		CWPREDLK	1
MNPCA1	S002-091		poplar r, 2 3/4 mi e us-59, on twnshp rd brg 6 mi ne erskine		CWDOFC-L	1
MNPCA1	S002-091		poplar r, 2 3/4 mi e us-59, on twnshp rd brg 6 mi ne erskine		CWPREDLK	43
MNPCA1	S003-126		poplar r at 240th ave se, 2.5 mi nw of mcintosh		REDRWTC	25
MNPCA1	S003-126		poplar r at 240th ave se, 2.5 mi nw of mcintosh		CWDOFC-L	24
MNPCA1	S003-126		poplar r at 240th ave se, 2.5 mi nw of mcintosh		CSMP	20
MNPCA1	S003-126		poplar r at 240th ave se, 2.5 mi nw of mcintosh		CSMP/RED	4
MNPCA1	S003-127		poplar r at csah-30, 1.5 mi n of fosston		CSMP/RED	4
MNPCA1	S003-127		poplar r at csah-30, 1.5 mi n of fosston		CSMP	16
MNPCA1	S003-127		poplar r at csah-30, 1.5 mi n of fosston		REDRWTC	21
MNPCA1	S003-127		poplar r at csah-30, 1.5 mi n of fosston		CWDOFC-L	27
MNPCA1	S003-497		poplar r at csah-8, 2.1 mi n of mcintosh, mn		CWPREDLK	1
MNPCA1	S003-497		poplar r at csah-8, 2.1 mi n of mcintosh, mn		CWDOFC-L	1
MNPCA1	S003-497		poplar r at csah-8, 2.1 mi n of mcintosh, mn		CSMP	25
MNPCA1	S004-502		poplar r at csah-4 (outlet of spring lk) near lengby		CWDOFC-L	22
MPCAB	05RD078		Poplar River; 1 mile north of Fosston, MN; upstream of County Route 30		biocriteria	1

Aquatic life NS DO12 -- 17/117[11] DO5\_9am NS 5/5[2] DO5\_All NS 16/78[10] \$DO7 FS 1/39[11] \$DOFinal NS[[3]] =pH FS 1/168[11] =Turbid\_TT\_TSS FS 1/93[10](1/93[10] 2/36[4] 0/28[5]) +Un-ionzed ammonia FS 0/39[11]

Aquatic recreation IF +E. coli IF 0/13Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 11/41[11] =Phosphorus EX 15/37[8]

09020305-520	3A	11.3	Beau Gerlot Creek	Upper Badger Cr to Clearwater R	2B, 3B	
MNPCA1	S004-816		beau gerlot ck at mn-92, 2 1/4 mi w of terrebonne		RLC-S	8

Aquatic recreation IF +E. coli IF 3/8Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020305-523</b>	<b>2</b>	<b>6.7</b>	<b>County Ditch 14</b>	<b>Headwaters (Maple Lk 60-0305-00) to Lower Badger Cr</b>	<b>2B, 3B</b>
MNPCA1	S002-130		maple lk oltt, ditch no. 14 at csah-10, 1.5 mi so. of mentor		CSMP 25
MNPCA1	S002-130		maple lk oltt, ditch no. 14 at csah-10, 1.5 mi so. of mentor		REDRWTCB 24
MNPCA1	S002-130		maple lk oltt, ditch no. 14 at csah-10, 1.5 mi so. of mentor		CWPREDLK 52
MNPCA1	S002-130		maple lk oltt, ditch no. 14 at csah-10, 1.5 mi so. of mentor		CSMP/RED 5
MPCAB	07RD005		County Ditch 14; Downstream of 290th St, 3.5 mi. N of Mentor		ref. ditches 1

Aquatic life FS DO12 -- 0/77[11] DO5\_9am FS 0/1[1] DO5\_All FS 0/48[10] DO7 FS 0/29[10] +DOFinal IF[[0]] =pH FS 2/128[11] =Turbid\_TT\_TSS FS 0/56[8](0/56[8] 0/8[3] --/--[--]) +Un-ionzed ammonia FS 0/38[11]

Aquatic recreation IF +E. coli IF 0/10Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 3 38[11] =Phosphorus OK 0/29[8]

<b>09020305-526</b>	<b>3A</b>	<b>1.7</b>	<b>Unnamed creek</b>	<b>Headwaters to Silver Cr</b>	<b>2B, 3B</b>
MNPCA1	S004-044		unnamed cr at mn-92 crossing, w side of clearbrook		CWDOFC-L 2
MNPCA1	S004-044		unnamed cr at mn-92 crossing, w side of clearbrook		CWPREDLK 9
MNPCA1	S004-207		unn ck at n railroad street in clearbrook		CSMP 1
MNPCA1	S004-207		unn ck at n railroad street in clearbrook		REDRWTCB 4

Aquatic life IF +pH FS 3/18[3]

Aquatic recreation IF +E. coli IF 0/3Ind 0/0mo

<b>09020305-527</b>	<b>5C</b>	<b>15.7</b>	<b>Silver Creek</b>	<b>Headwaters to Anderson Lk</b>	<b>2B, 3B</b>
MNPCA1	S000-712		silver ck at rd btn s25/30 1 mi w of clearbrook		CWDOFC-L 36
MNPCA1	S000-713		silver ck at cr-74 1 mi w of clearbrook		CWDOFC-L 3
MNPCA1	S002-082		silver ck on cr-111 brg, 2 mi e csah-7, 2 mi ne of gonvick		CWDOFC-L 31
MNPCA1	S002-082		silver ck on cr-111 brg, 2 mi e csah-7, 2 mi ne of gonvick		CWPREDLK 59
MNPCA1	S004-040		silver cr on leon l-12, 1.5 mi sw of clearbrook		CWPREDLK 13

Aquatic life FS DO12 -- 1/69[11] DO5\_All FS 1/38[10] DO7 FS 0/31[10] +DOFinal IF[[1]] =pH FS 2/138[11] =Turbid\_TT\_TSS FS 3/47[8](3/47[8] --/--[--] 0/46[5]) +Un-ionzed ammonia FS 1/55[11]

Aquatic recreation NS !!!E. coli NS 1/45Ind 5/7mo

Ecoregion norms EX +NO2&NO3 EX 15/55[11] =Phosphorus OK 3/40[7]

<b>09020305-529</b>	<b>5C</b>	<b>9.9</b>	<b>Lost River</b>	<b>T148 R38W S17, south line to Pine Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-087		lost r on twnsp rd brg to PINE LK inlet 5 mi sw of gonvick		CWPREDLK 42
MNPCA1	S005-283		lost r culvert xing on 109th ave (csah-12) 7.4 mi sw gonvick		CSMP/RED 6

Aquatic life FS DO12 -- 2 47[11] DO5\_All FS 1/26[10] \$DO7 FS 1/21[10] \$DOFinal IF[[0]] =pH FS 0/96[11] =Turbid\_TT\_TSS FS 0/28[8](0/28[8] 1/6[1] 0/28[5]) +Un-ionzed ammonia FS 0/32[9]

Aquatic recreation IF +E. coli IF 0/7Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 3 32[9] =Phosphorus OK 0/25[7]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020305-530</b>	<b>3A</b>	<b>4.5</b>	<b>Lost River</b>	<b>Unnamed cr to T148 R38W S20, north line</b>	<b>1B, 2A, 3B</b>
MNPCA1	S004-206		lost r on csah-20 near headwaters, 6 mi sw of clearbrook		CSMP 7
MNPCA1	S004-206		lost r on csah-20 near headwaters, 6 mi sw of clearbrook		CSMP/RED 6
MNPCA1	S004-206		lost r on csah-20 near headwaters, 6 mi sw of clearbrook		REDRWTCB 7
MPCAB	05RD106		Lost River; 6 miles SW of Clearbrook, upstream of CR 20		biocriteria 1

Aquatic life IF +pH FS 0/22[3]

<b>09020305-535</b>	<b>3A</b>	<b>0.5</b>	<b>Hill River</b>	<b>South Connection Lk to Cross Lk</b>	<b>2C</b>
MNPCA1	S004-208		hill r at Cross Lake inlet, 280th ave se, 6 mi ne of fosston		REDRWTCB 9
MNPCA1	S004-208		hill r at Cross Lake inlet, 280th ave se, 6 mi ne of fosston		CSMP/RED 3
MNPCA1	S004-208		hill r at Cross Lake inlet, 280th ave se, 6 mi ne of fosston		CSMP 5

Aquatic life IF +pH FS 0/12[2]

<b>09020305-537</b>	<b>3A</b>	<b>13.1</b>	<b>Hill River</b>	<b>Cross Lk to Hill River Lk</b>	<b>2C</b>
MNPCA1	S004-209		hill r at Cross Lake outlet at 265th ave se, 7 mi ne fosston		CSMP/RED 3
MNPCA1	S004-209		hill r at Cross Lake outlet at 265th ave se, 7 mi ne fosston		REDRWTCB 9
MNPCA1	S004-209		hill r at Cross Lake outlet at 265th ave se, 7 mi ne fosston		CSMP 5

Aquatic life IF +pH FS 0/12[2]

<b>09020305-539</b>	<b>2</b>	<b>34.1</b>	<b>Hill River</b>	<b>Hill River Lk to Lost R</b>	<b>2C</b>
MNPCA1	S002-134		hill r at cr-119, .5 mi no. of csah-92, in brooks		REDRWTCB 22
MNPCA1	S002-134		hill r at cr-119, .5 mi no. of csah-92, in brooks		CSMP 9
MNPCA1	S002-134		hill r at cr-119, .5 mi no. of csah-92, in brooks		CWPREDLK 29
MNPCA1	S002-982		hill r at twp rd .25 mi so junc mn-92/csah-8 4.5 mi so oklee		CSMP 9
MNPCA1	S002-982		hill r at twp rd .25 mi so junc mn-92/csah-8 4.5 mi so oklee		REDRWTCB 24
MNPCA1	S003-498		hill r at csah-35, 4.3 mi ne of mcintosh, mn		CSMP 30
MNPCA1	S003-570		hill r at 240th ave se, 3.6 mi ne of mcintosh		REDRWTCB 10
MNPCA1	S003-570		hill r at 240th ave se, 3.6 mi ne of mcintosh		CSMP 13
MNPCA1	S003-570		hill r at 240th ave se, 3.6 mi ne of mcintosh		CSMP/RED 4
MPCAB	05RD026		Hill River; Downstream of CR 35, 4.5 miles NE of McIntosh		EMAP 1

Aquatic life FS DO12 -- 2 68[8] DO5\_All FS 2/41[8] DO7 FS 0/27[8] +DOFinal IF[[2]] +pH FS 1/82[6] =Turbid\_TT\_TSS FS 3/63[9](3/63[9] 2/39[5] --/--) +Un-ionized ammonia FS 0/21[6]

Aquatic recreation IF +E. coli IF 0/13Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 15/23[6] <>Phosphorus OK 0/14[4]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>09020305-541</b>	<b>5C</b>	<b>1.3</b>	<b>Unnamed creek</b>	<b>Eighteen Lk to Bee Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-086		unn inlet to Bee Lake at csah-37 brg, 1 mi sw of erskine		CSMP 26
MNPCA1	S002-086		unn inlet to Bee Lake at csah-37 brg, 1 mi sw of erskine		CWPREDLK 17
MNPCA1	S002-086		unn inlet to Bee Lake at csah-37 brg, 1 mi sw of erskine		REDRWTCB 25
MNPCA1	S002-086		unn inlet to Bee Lake at csah-37 brg, 1 mi sw of erskine		CSMP/RED 5

Aquatic life NS DO12 -- 8/47[10] DO5\_All NS 4/26[9] \$DO7 NS 4/21[10] \$DOFinal NS[[0]] =pH FS 0/58[7] =Turbid\_TT\_TSS FS 0/23[5](0/23[5] 0/11[3] 0/26[4]) +Un-ionzed ammonia FS 0/17[5]

Ecoregion norms OK +NO2&NO3 OK 1/17[5] =Phosphorus OK 0/17[5]

<b>09020305-542</b>	<b>5C</b>	<b>0.4</b>	<b>Unnamed creek</b>	<b>Mitchell Lk to Badger Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-131		mitchell lk/badger lk connect us-2 brg, 1 mi no. of erskine		REDRWTCB 24
MNPCA1	S002-131		mitchell lk/badger lk connect us-2 brg, 1 mi no. of erskine		CWPREDLK 41
MNPCA1	S002-131		mitchell lk/badger lk connect us-2 brg, 1 mi no. of erskine		CSMP/RED 5
MNPCA1	S002-131		mitchell lk/badger lk connect us-2 brg, 1 mi no. of erskine		CSMP 25

Aquatic life NS DO12 -- 6/68[11] DO5\_All FS 3/39[10] \$DO7 NS 3/29[11] \$DOFinal NS[[0]] =pH FS 3/104[11] =Turbid\_TT\_TSS FS 1/48[8](1/48[8] 0/5[2] 0/30[5]) +Un-ionzed ammonia FS 0/32[9]

Aquatic recreation IF +E. coli IF 0/7Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 2/33[9] =Phosphorus OK 1/25[7]

<b>09020305-543</b>	<b>5C</b>	<b>1.5</b>	<b>Poplar River Diversion</b>	<b>Unnamed ditch to Badger Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-129		badger lk inlet at twp rd culv by access, 1 1/3 mi n erskine		CSMP/RED 5
MNPCA1	S002-129		badger lk inlet at twp rd culv by access, 1 1/3 mi n erskine		REDRWTCB 33
MNPCA1	S002-129		badger lk inlet at twp rd culv by access, 1 1/3 mi n erskine		CSMP 24
MNPCA1	S002-129		badger lk inlet at twp rd culv by access, 1 1/3 mi n erskine		CWPREDLK 41

Aquatic life NS DO12 -- 14/77[11] DO5\_All NS 12/48[10] \$DO7 FS 2/29[11] \$DOFinal NS[[0]] =pH FS 1/104[11] =Turbid\_TT\_TSS FS 0/57[10](0/57[10] 0/8[2] 0/28[5]) +Un-ionzed ammonia FS 0/33[9]

Aquatic recreation IF +E. coli IF 0/7Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 6/32[9] =Phosphorus OK 2/28[7]

<b>09020305-545</b>	<b>3A</b>	<b>1.7</b>	<b>Unnamed creek (Nassett Creek)</b>	<b>T148 R38W S28, south line to Lost R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S004-205		un ck (nesset ck) to lost r, nasset ck dr, 6 3/4 sw clearbrk		REDRWTCB 12
MNPCA1	S004-205		un ck (nesset ck) to lost r, nasset ck dr, 6 3/4 sw clearbrk		CSMP 10
MNPCA1	S004-205		un ck (nesset ck) to lost r, nasset ck dr, 6 3/4 sw clearbrk		CSMP/RED 8

Aquatic life IF +pH FS 0/28[2]

<b>09020305-548</b>	<b>2</b>	<b>5.2</b>	<b>Judicial Ditch 64</b>	<b>Unnamed ditch to Lower Badger Cr</b>	<b>2B, 3B</b>
Aquatic life	IF	=Chloride FS 0/21[3] DO12 -- 0/26[4] DO5_9am FS 0/2[1] DO5_All FS 0/12[3] DO7 FS 0/14[4] +DOFinal IF[[2]] =pH FS 0/52[4] +Un-ionzed ammonia FS 0/26[4]			
Ecoregion norms	EX	=NO2&NO3 EX 7/26[4] =Phosphorus OK 0/26[4]			

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>09020305-549</b>	<b>2</b>	<b>0.5</b>	<b>Unnamed creek</b>	<b>Tamarack Lk to Maple Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-075		maple lk inlet @ csah-10 brg, 2 mi so of mentor		CWPREDLK 53
MNPCA1	S002-075		maple lk inlet @ csah-10 brg, 2 mi so of mentor		REDRWTC 24
MNPCA1	S002-075		maple lk inlet @ csah-10 brg, 2 mi so of mentor		CSMP/RED 5
MNPCA1	S002-075		maple lk inlet @ csah-10 brg, 2 mi so of mentor		CSMP 25

Aquatic life NS DO12 -- 4/80[11] DO5\_All FS 2/50[10] DO7 FS 2/30[11] +DOFinal IF[[0]] =pH FS 5/128[11] =Turbid\_TT\_TSS FS 2/56[8](2/56[8] 0/10[4] 0/30[5]) +Un-ionized ammonia FS 0/37[11]

Aquatic recreation IF +E. coli IF 0/11Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 5/37[11] =Phosphorus OK 2/27[7]

<b>09020305-550</b>	<b>3A</b>	<b>1.7</b>	<b>Judicial Ditch 73</b>	<b>Unnamed ditch to Tamarack Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-318		jd #73, at 75th street se, 4.4 mi w of erskine		CSMP 24
MNPCA1	S003-318		jd #73, at 75th street se, 4.4 mi w of erskine		CSMP/RED 5
MNPCA1	S003-318		jd #73, at 75th street se, 4.4 mi w of erskine		REDRWTC 24
MNPCA1	S004-051		jd #73, bend at 80th st se/240th ave se, 2 3/4 mi se mentor		CWPREDLK 12

Aquatic life NS DO12 -- 4/41[5] DO5\_All FS 3/31[5] DO7 FS 1/10[5] +DOFinal IF[[0]] +pH FS 3/48[4] +Turbid\_TT\_TSS FS 0/33[4](0/33[4] 0/8[4] --/--)

<b>09020305-551</b>	<b>3A</b>	<b>0.7</b>	<b>Unnamed creek (Bee Lake Outlet)</b>	<b>Bee Lk to JD 73</b>	<b>2B, 3B</b>
MNPCA1	S003-317		unn outlt from bee lk at cameron lake rd se 1.6 mi w erskine		CSMP 24
MNPCA1	S003-317		unn outlt from bee lk at cameron lake rd se 1.6 mi w erskine		CSMP/RED 5
MNPCA1	S003-317		unn outlt from bee lk at cameron lake rd se 1.6 mi w erskine		REDRWTC 24

Aquatic life FS DO12 -- 2 29[5] DO5\_9am FS 0/1[1] DO5\_All FS 2/21[5] DO7 FS 0/8[5] +DOFinal IF[[0]] +pH FS 1/24[2] +Turbid\_TT\_TSS FS 0/22[4](0/22[4] 2/8[3] --/--)

<b>09020305-572</b>	<b>3A</b>	<b>1.5</b>	<b>Unnamed creek</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S004-046		unnamed cr at csah-49, 3/4 mi se of clearbrook		CWPREDLK 12

Aquatic life IF +pH FS 1/22[4]

Aquatic recreation IF +E. coli IF 1/3Ind 0/0mo

<b>09020305-574</b>	<b>3A</b>	<b>3.2</b>	<b>Terrebonne Creek</b>	<b>CD 4 to CD 58</b>	<b>2B, 3B</b>
MNPCA1	S004-819		terrebonne ck at mn-92 in terrebonne		RLC-S 10

Aquatic life IF +pH FS 0/20[1] +Un-ionized ammonia FS 0/10[1]

Aquatic recreation IF +E. coli IF 5/10Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 3 10[1]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

**HUC: 09020306 DNR Major: 67 HUC NAME: GRAND MARAIS CREEK**

09020306-501	5B	41.8	Red River of the North	Grand Marais Cr to North Marais R (ND)	1C, 2Bd, 3C
MNPCA1	S002-325		red r 250 ft upst of mn-1 br, w of oslo in n. dakota		MERCLKS/ 5
MPCAB	06RD006		Red River; 1 Mile west of Warren at public boat launch		biocriteria 1
Aquatic life	NS	!!!Arsenic NS 5/5[4] +Cadmium FS 0/5[4] +Chromium FS 0/5[4] +Copper FS 0/5[4] +Lead FS 0/5[4] \$Mercury FS 0/5[4] +Nickel FS 0/5[4] +pH FS 0/10[4] +Zinc FS 0/5[4]			
Drinking Water	FS	+NO2&NO3 FS 0/5[4]			

09020306-507	5A	38.2	Grand Marais Creek	Headwaters to CD 2	2B, 3B
MNPCA1	S002-083		grand marais ck on csah-220 brg, 3 mi n of east grand forks		MDAWQMP 16
MNPCA1	S002-083		grand marais ck on csah-220 brg, 3 mi n of east grand forks		CWPREDLK 41
MNPCA1	S002-083		grand marais ck on csah-220 brg, 3 mi n of east grand forks		REDRWTCB 8
MNPCA1	S002-083		grand marais ck on csah-220 brg, 3 mi n of east grand forks		CSMP 5
MNPCA1	S002-983		grand marais ck at 130th ave sw, 2.5 mi nw of fisher		CSMP 4
MNPCA1	S002-983		grand marais ck at 130th ave sw, 2.5 mi nw of fisher		REDRWTCB 11
MNPCA1	S002-984		grand marais ck at csah-19, 5 mi e of e grand forks		REDRWTCB 21
MNPCA1	S002-984		grand marais ck at csah-19, 5 mi e of e grand forks		CSMP 8
Aquatic life	NS	+Acetochlor 0/14[4] +Alachlor 0/14[4] +Atrazine 0/14[4] +Chlorpyrifos 0/14[4] DO12 -- 17/72[11] DO5_9am NS 1/3[3] DO5_All NS 14/41[10] \$DO7 FS 3/31[10] \$DOFinal NS[[3]] +Metolachlor 0/14[4] \$pH FS 6/92[11] \$Turbid_TT_TSS NS 32/58[10](32/58[10] 0/1[1] --/--[--]) +Un-ionzed ammonia FS 0/35[11]			
Aquatic recreation	IF	+E. coli IF 1/13Ind 0/0mo			
Ecoregion norms	EX	+NO2&NO3 EX 12/36[11] =Phosphorus EX 38/50[11]			

09020306-509	3A	24.7	Unnamed creek	Headwaters to CD 66	2B, 3B
MNPCA1	S003-276		UNNAMED CREEK at 260th ave nw, 2 mi ne of euclid		CSMP/RED 3
MNPCA1	S003-276		UNNAMED CREEK at 260th ave nw, 2 mi ne of euclid		REDRIVER 8
MNPCA1	S003-276		UNNAMED CREEK at 260th ave nw, 2 mi ne of euclid		CSMP 2
MNPCA1	S004-132		unnamed ck on us-75, 2 mi nw of euclid		CSMP/RED 4
MNPCA1	S004-132		unnamed ck on us-75, 2 mi nw of euclid		CWPREDLK 6
MNPCA1	S004-132		unnamed ck on us-75, 2 mi nw of euclid		CSMP 2
MNPCA1	S004-132		unnamed ck on us-75, 2 mi nw of euclid		REDRIVER 4
MNPCA1	S004-133		unnamed ck on csah-21, 2.5 mi ne of euclid		CSMP 3
MNPCA1	S004-133		unnamed ck on csah-21, 2.5 mi ne of euclid		CSMP/RED 3
MNPCA1	S004-133		unnamed ck on csah-21, 2.5 mi ne of euclid		REDRIVER 5
Aquatic life	IF	+pH FS 0/34[4]			
Ecoregion norms	OK	+NO2&NO3 OK 2/26[4]			

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: RD</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

<b>09020306-510</b>	<b>3A</b>	<b>6.7</b>	<b>Unnamed ditch</b>	<b>Headwaters to CD 66</b>	<b>2B, 3B</b>
MNPCA1	S003-277		branch c of cd #66 at 270th ave sw, .5 mi ne of euclid		CSMP 2
MNPCA1	S003-277		branch c of cd #66 at 270th ave sw, .5 mi ne of euclid		CSMP/RED 2
MNPCA1	S003-277		branch c of cd #66 at 270th ave sw, .5 mi ne of euclid		REDRIVER 7

Aquatic life IF +pH FS 0/14[4]

<b>09020306-512</b>	<b>5C</b>	<b>1.8</b>	<b>Grand Marais Creek</b>	<b>CD 2 to Red R</b>	<b>2B, 3B</b>
MNPCA1	S002-126		grand marais ck at cr-64, 9 mi n of east grand forks		REDRIVER 81
MNPCA1	S002-126		grand marais ck at cr-64, 9 mi n of east grand forks		CSMP 17
MNPCA1	S002-126		grand marais ck at cr-64, 9 mi n of east grand forks		CSMP/RRW 7
MNPCA1	S002-126		grand marais ck at cr-64, 9 mi n of east grand forks		CSMP/RED 1

Aquatic life NS +Chloride FS 0/19[3] DO12 -- 9/83[6] DO5\_9am FS 0/8[5] DO5\_All NS 9/65[6] DO7 FS 0/18[5] !!!DOFinal NS[[3]] =pH FS 0/166[6] \$Turbid\_TT\_TSS NS 55/73[6](55/73[6] 8/9[2] --/--[--]) +Un-ionized ammonia FS 0/15[3]

Aquatic recreation IF +E. coli IF 0/7Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 22/78[6] =Phosphorus EX 22/27[2]

<b>09020306-515</b>		<b>10.7</b>	<b>County Ditch 2</b>	<b>CD 66 to Grand Marais Cr</b>	<b>2B, 3B</b>
MNPCA1	S004-131		cd #2 at cr-62, 7 mi ne of east grand forks		CSMP/RED 4
MNPCA1	S004-131		cd #2 at cr-62, 7 mi ne of east grand forks		CSMP/RRW 2
MNPCA1	S004-131		cd #2 at cr-62, 7 mi ne of east grand forks		CWPREDLK 10
MNPCA1	S004-131		cd #2 at cr-62, 7 mi ne of east grand forks		REDRIVER 4
MNPCA1	S004-131		cd #2 at cr-62, 7 mi ne of east grand forks		CSMP 3
MPCAB	05RD098		County Ditch #2; 7 m N of East Grand Forks, upstream of State Rd 220		biocriteria 1

Aquatic life NS DO12 -- 0/21[4] DO5\_All FS 0/16[4] DO7 FS 0/5[2] +DOFinal IF[[0]] +pH FS 1/42[4] !!!Turbid\_TT\_TSS NS 6/20[4](6/20[4] 0/1[1] --/--[--])

Aquatic recreation IF +E. coli IF 0/2Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 0/10[4]

HUC: 09020309

DNR Major: 68

HUC NAME: SNAKE RIVER



AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

09020309-501	5A	10.4	Snake River	Middle R to Red R	2B, 3B
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		MDAWQMP 19
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		MILE 45
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		REDRWTCB 1
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		MC-WEST 13
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		REDRIVER 84
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		CSMP/RRW 16
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		CSMP/RED 15
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		10
MNPCA1	S000-185		snake River at bridge on mn-220 n of big woods		CSMP 19

Aquatic life NS +Acetochlor 0/14[3] +Alachlor 0/14[3] +Atrazine 0/14[3] +Chloride FS 0/35[3] +Chlorpyrifos 0/14[3] DO12 -- 18/148[11] DO5\_9am NS 3/21[6] DO5\_All NS 16/106[9] \$DO7 FS 2/42[10] \$DOFinal NS[[8]] +Metolachlor 0/14[3] =pH FS 0/300[11] \$Turbid\_TT\_TSS NS 104/130[10](104/130[10] 8/10[3] --/--[--]) +Un-ionzed ammonia FS 0/66[10]

Aquatic recreation FS +E. coli FS 2/44Ind 0/5mo

Ecoregion norms EX +BOD5 OK 0/13[4] =NO2&NO3 EX 62/143[10] =Phosphorus EX 24/94[11]

09020309-502	3A	11.2	Snake River	CD 3 to Middle R	2B, 3B
MNPCA1	S003-692		snake r on csah-17 brg, 12 mi w of argyle		REDRTURB 18
MNPCA1	S003-692		snake r on csah-17 brg, 12 mi w of argyle		MC-WEST 18
MNPCA1	S003-692		snake r on csah-17 brg, 12 mi w of argyle		CSMP/RRW 15

Aquatic life NS +Chloride FS 0/8[1] DO12 -- 8/43[4] DO5\_9am FS 0/3[2] DO5\_All NS 8/37[3] DO7 FS 0/6[4] !!!DOFinal NS[[1]] +pH FS 1/100[4] !!!Turbid\_TT\_TSS NS 34/50[4](34/50[4] --/--[--] --/--[--]) +Un-ionzed ammonia FS 0/8[1]

Aquatic recreation IF +E. coli IF 0/13Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 8/25[4]

09020309-503	5A	17.2	Snake River	CD 7 to CD 3	2B, 3B
MNPCA1	S004-142		snake r at mn-1 crossing in alvarado		CSMP/RRW 15
MNPCA1	S004-142		snake r at mn-1 crossing in alvarado		MC-WEST 13

Aquatic life NS DO12 -- 5/28[4] DO5\_9am NS 3/5[2] DO5\_All NS 5/22[3] \$DO7 FS 0/6[4] \$DOFinal NS[[1]] =pH FS 1/56[4]

Aquatic recreation IF +E. coli IF 0/13Ind 0/0mo

Ecoregion norms EX =Phosphorus EX 2/13[3]

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: RD</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

09020309-504	5A	22.9	Snake River	S Br Snake R to CD 7	2B, 3B	
MNPCA1	S002-985		snake r at 2nd st in warren		REDRWTC	9
MNPCA1	S002-986		snake r at 5th street in warren		REDRWTC	30
MNPCA1	S002-986		snake r at 5th street in warren		CSMP	12
MNPCA1	S002-994		snake r at 210th st nw in boxville twp, 2.5 mi sw of warren		CSMP	12
MNPCA1	S002-994		snake r at 210th st nw in boxville twp, 2.5 mi sw of warren		MC-WEST	18
MNPCA1	S002-994		snake r at 210th st nw in boxville twp, 2.5 mi sw of warren		REDRWTC	19
MNPCA1	S003-101		snake r at csah-34, 3 mi ne of warren		CSMP	10
MNPCA1	S003-101		snake r at csah-34, 3 mi ne of warren		REDRWTC	12
MNPCA1	S003-101		snake r at csah-34, 3 mi ne of warren		REDRTURB	4
MNPCA1	S003-101		snake r at csah-34, 3 mi ne of warren		CSMP/RRW	15
MNPCA1	S004-214		snake r at csah-21 brg xing, 5 mi west of warren		MC-WEST	12
MPCAB	05RD175		Snake River; Downstream of CR 15, just W of Warren		EMAP	1

Aquatic life	NS	+Chloride FS 0/8[1] DO12 -- 8/75[11] DO5_9am NS 4/13[5] DO5_All NS 6/53[10] DO7 FS 2/22[11] !!!DOFinal NS[[2]] +pH FS 1/102[8] \$Turbid_TT_TSS NS 23/65[10](23/65[10] 1/4[1] --/--[--]) +Un-ionzed ammonia FS 0/8[1]
Aquatic recreation	IF	+E. coli IF 1/13Ind 0/0mo
Ecoregion norms	EX	+NO2&NO3 EX 14/30[6] +Phosphorus EX 2/19[5]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RD**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

09020309-505	5A	96.2	Middle River	Headwaters to Snake R	2B, 3B	
MNPCA1	S000-697		middle r at csah-10 8.5 mi nw of argyle		MDAWQMP	8
MNPCA1	S000-697		middle r at csah-10 8.5 mi nw of argyle		MC-WEST	13
MNPCA1	S000-700		middle r at csah-4 at argyle		CSMP	26
MNPCA1	S000-700		middle r at csah-4 at argyle		REDRTURB	2
MNPCA1	S000-700		middle r at csah-4 at argyle		REDRW TCH	33
MNPCA1	S000-700		middle r at csah-4 at argyle		MC-WEST	13
MNPCA1	S000-700		middle r at csah-4 at argyle		CSMP/RED	6
MNPCA1	S000-700		middle r at csah-4 at argyle		CSMP/RRW	16
MNPCA1	S002-987		middle r at csah-28 on west edge of newfolden		CSMP	12
MNPCA1	S002-987		middle r at csah-28 on west edge of newfolden		REDRW TCH	26
MNPCA1	S002-987		middle r at csah-28 on west edge of newfolden		CSMP/RED	2
MNPCA1	S002-987		middle r at csah-28 on west edge of newfolden		MC-WEST	13
MNPCA1	S002-988		middle r at csah-30, 5 mi nw of newfolden		REDRW TCH	25
MNPCA1	S002-988		middle r at csah-30, 5 mi nw of newfolden		CSMP/RED	2
MNPCA1	S002-988		middle r at csah-30, 5 mi nw of newfolden		CSMP	12
MNPCA1	S002-989		middle r at csah-39, 11 mi w of newfolden		REDRW TCH	20
MNPCA1	S002-989		middle r at csah-39, 11 mi w of newfolden		MC-WEST	32
MNPCA1	S002-989		middle r at csah-39, 11 mi w of newfolden		CSMP	13
MNPCA1	S002-989		middle r at csah-39, 11 mi w of newfolden		CSMP/RED	2
MNPCA1	S002-989		middle r at csah-39, 11 mi w of newfolden		CSMP/RRW	16
MNPCA1	S003-691		middle r on csah-17 brg, 12 mi w of argyle		CSMP/RRW	16
MNPCA1	S003-691		middle r on csah-17 brg, 12 mi w of argyle		REDRTURB	24
MNPCA1	S003-691		middle r on csah-17 brg, 12 mi w of argyle		MC-WEST	20
MNPCA1	S004-106		middle r on csah-28, .5 mi e of newfolden		CSMP	1
MNPCA1	S004-106		middle r on csah-28, .5 mi e of newfolden		REDRIVER	1
MNPCA1	S004-106		middle r on csah-28, .5 mi e of newfolden		REDRTURB	2
MNPCA1	S004-215		middle r at csah-34 brg xing, 6 mi e of argyle		CSMP/RED	6
MNPCA1	S004-215		middle r at csah-34 brg xing, 6 mi e of argyle		MC-WEST	13
MPCAB	05RD014		Middle River; downstream of County Route 1, ~10 miles NE of Warren		EMAP	1

Aquatic life      NS      +Chloride FS 0/27[1] DO12 -- 12 134[11] DO5\_9am FS 1/14[7] DO5\_All NS 12/99[10] \$DO7 FS 0/35[11] \$DOFinal NS[[7]] =pH FS 2/174[8] \$Turbid\_TT\_TSS NS 52/98[10](52/98[10] 4/32[5] --/--[--]) +Un-ionzed ammonia FS 0/26[1]

Aquatic recreation      IF      +E. coli IF 0/14Ind 0/0mo

Ecoregion norms      EX      +NO2&NO3 EX 11/91[7] =Phosphorus EX 3/29[8]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020309-506</b>	<b>3B</b>	<b>31.2</b>	<b>Snake River</b>	<b>Headwaters to S Br Snake R</b>	<b>2B, 3B</b>
MNPCA1	S004-152		snake r at csah-14, 5 mi nw of viking		CSMP/RRW 15
MNPCA1	S004-152		snake r at csah-14, 5 mi nw of viking		MC-WEST 31
MNPCA1	S004-213		snake r on 285th ave nw brg xing, 5 mi e of warren		MC-WEST 11

Aquatic life NS +Chloride FS 0/8[1] DO12 -- 7/39[6] DO5\_9am FS 0/1[1] DO5\_All NS 7/31[5] DO7 FS 0/8[6] !!!DOFinal NS[[0]] =pH FS 2/92[7] +Turbid\_TT\_TSS FS 1/33[4](1/33[4] --/--[ ] --/--[ ]) +Un-ionized ammonia FS 0/8[1]

Aquatic recreation IF +E. coli IF 1/13Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 11/35[6] <>Phosphorus OK 1/13[3]

<b>09020309-511</b>	<b>3B</b>	<b>27.3</b>	<b>Swift Coulee</b>	<b>Headwaters to Snake R</b>	<b>2B, 3B</b>
MNPCA1	S001-598		Swift Coulee, 5 mi sw of argyle		CSMP 133

Aquatic life NS !!!Turbid\_TT\_TSS NS 49/133[7](--/--[ ] 49/133[7] --/--[ ])

<b>09020309-514</b>	<b>3B</b>	<b>2.0</b>	<b>Unnamed ditch</b>	<b>Unnamed ditch to S Br Snake R</b>	<b>2B, 3B</b>
MNPCA1	S002-108		jd #25, se intersec 280th ave & 210th st, 5.5 mi e of warren		CSMP/RED 3
MNPCA1	S002-108		jd #25, se intersec 280th ave & 210th st, 5.5 mi e of warren		CSMP 15
MNPCA1	S002-108		jd #25, se intersec 280th ave & 210th st, 5.5 mi e of warren		REDRIVER 8
MNPCA1	S002-108		jd #25, se intersec 280th ave & 210th st, 5.5 mi e of warren		REDRWTC 23

Aquatic life NS DO12 -- 4/33[7] DO5\_9am FS 0/1[1] DO5\_All NS 4/20[7] DO7 FS 0/13[7] !!!DOFinal NS[[0]] +pH FS 0/20[4] =Turbid\_TT\_TSS FS 0/29[7](0/29[7] 0/4[1] --/--[ ])

Ecoregion norms EX +NO2&NO3 EX 2/11[4] =Phosphorus OK 1/13[3]

**HUC: 09020311 DNR Major: 69 HUC NAME: TAMARAC RIVER**

<b>09020311-501</b>	<b>5A</b>	<b>3.0</b>	<b>Red River of the North</b>	<b>Pembina R (ND) to MN/Canada border</b>	<b>1C, 2Bd, 3C</b>
21NDHDWQ	384157		RED RIVER AT PEMBINA		44

Aquatic life IF =Chloride FS 0/44[9] DO12 -- 0/44[9] DO5\_All FS 0/21[6] DO7 FS 0/23[9] +DOFinal IF[[0]] =pH FS 0/88[9]

Drinking Water FS +NO2&NO3 FS 0/44[9]

Ecoregion norms EX =Phosphorus EX 9/44[9]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

09020311-502	5B	16.5	Red River of the North	Tamarac R to Drayton Dam	1C, 2Bd, 3C
MNPCA1	S000-091		red River at bridge on mn-11, west of robbin		CSMP 18
MNPCA1	S000-091		red River at bridge on mn-11, west of robbin		MERCLKS/ 5
MNPCA1	S000-091		red River at bridge on mn-11, west of robbin		REDRIVER 88
MPCAB	06RD007		Red River; Drayton, ND: boat access at Hastings boat launch in downtown Drayton		biocriteria 1

Aquatic life NS =Chloride FS 0/15[3] DO12 -- 5/88[5] DO5\_All FS 5/70[5] DO7 FS 0/18[5] +DOFinal IF[[1]] \$Mercury FS 0/5[4] =pH FS 0/180[5] \$Turbid\_TT\_TSS NS 71/77[5](71/77[5] 8/8[2] --/--[--]) +Un-ionzed ammonia FS 0/19[5]

Drinking Water FS +NO2&NO3 FS 0/93[5]

Ecoregion norms EX =Phosphorus EX 16/28[4]

09020311-503	5C	36.4	Tamarac River	Florian Park Reservoir to Stephen Dam	1C, 2Bd, 3C
MNPCA1	S002-992		tamarac r at csah-34, 12 mi se of stephen		CSMP 27
MNPCA1	S002-992		tamarac r at csah-34, 12 mi se of stephen		CSMP/RED 6
MNPCA1	S002-992		tamarac r at csah-34, 12 mi se of stephen		REDRWTCB 38
MNPCA1	S002-993		tamarac r at us-75 in stephen		REDRWTCB 16
MPCAB	05RD042		Tamarac River; 1.5 miles E of County Route 6, ~6 miles SE of Stephen		EMAP 1
MPCAB	05RD179		Tamarac River; Upstream of CR 30, 5 miles SE of Stephen		EMAP 2
MPCAB	08RD007		Tamarac River; Upstream of CR 32, 4 mi. SE of Stephen		phase1 1
MPCAB	08RD015		Tamarac River; Upstream of CR 34, 6.5 mi. SE of Stephen		phase1 1
MPCAB	08RD031		Tamarac River; Upstream of HWY 59, 1 mi. SE Stephen		phase1 1

Aquatic life NS DO12 -- 3/60[10] DO5\_9am NS 1/3[3] DO5\_All FS 3/45[9] DO7 FS 0/15[10] !!!DOFinal NS[[0]] +pH FS 1/36[3] !!!Turbid\_TT\_TSS NS 5/31[9](5/31[9] 5/30[5] --/--[--])

Drinking Water FS +NO2&NO3 FS 0/6[2]

Ecoregion norms OK +Phosphorus OK 0/11[3]

09020311-504	5B	17.5	Red River of the North	Two R to Pembina R (ND)	1C, 2Bd, 3C
MNPCA1	S000-557		red r of the n at ft daer pk landing in pembina		CSMP 18
MNPCA1	S000-557		red r of the n at ft daer pk landing in pembina		MERCLKS/ 4
MNPCA1	S000-557		red r of the n at ft daer pk landing in pembina		REDRIVER 90
MNPCA1	S000-557		red r of the n at ft daer pk landing in pembina		CSMP/RED 17
MPCAB	06RD008		Red River; Access from Pembina, ND. Boat launch in Fort Daer Rec Area.		biocriteria 1

Aquatic life NS +Chloride FS 0/31[4] DO12 -- 4/104[6] DO5\_9am NS 1/5[4] DO5\_All FS 4/84[6] DO7 FS 0/20[6] !!!DOFinal NS[[3]] =pH FS 0/214[6] \$Turbid\_TT\_TSS NS 94/95[6](94/95[6] 8/8[2] --/--[--]) +Un-ionzed ammonia FS 0/34[5]

Drinking Water FS +NO2&NO3 FS 1/110[6]

Ecoregion norms EX =Phosphorus EX 23/31[3]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

09020311-505	3B	15.9	Tamarac River	Stephen Dam to Red R	2B, 3B	
MNPCA1	S002-100		tamarac r at csah-220, 11 mi w of stephen		REDRWTC	17
MNPCA1	S002-100		tamarac r at csah-220, 11 mi w of stephen		CSMP/LWR	10
MNPCA1	S002-100		tamarac r at csah-220, 11 mi w of stephen		CSMP/RED	3
MNPCA1	S002-100		tamarac r at csah-220, 11 mi w of stephen		CSMP/RRW	18
MNPCA1	S002-100		tamarac r at csah-220, 11 mi w of stephen		REDRIVER	85
MNPCA1	S002-100		tamarac r at csah-220, 11 mi w of stephen		CSMP	30
MNPCA1	S002-990		tamarac r at csah-10, 6.3 mi nw of stephen		REDRWTC	23
MNPCA1	S002-990		tamarac r at csah-10, 6.3 mi nw of stephen		CSMP/RED	6
MNPCA1	S002-990		tamarac r at csah-10, 6.3 mi nw of stephen		CSMP	27
MNPCA1	S002-991		tamarac r at 390th ave nw on w side of stephen		CSMP	27
MNPCA1	S002-991		tamarac r at 390th ave nw on w side of stephen		REDRWTC	45
MNPCA1	S002-991		tamarac r at 390th ave nw on w side of stephen		CSMP/RED	6
MPCAB	08RD001		Tamarac River; Upstream of Hwy 220, 6 mi. SE of Robbin		phase1	1
MPCAB	08RD024		Tamarac River; Upstream of 400th Ave, 3 mi NW of Stephen		phase1	1

Aquatic life NS +Chloride FS 0/29[3] DO12 -- 4/155[10] DO5\_9am FS 0/16[7] DO5\_All FS 4/124[9] DO7 FS 0/31[10] +DOFinal IF[[4]] =pH FS 1/228[6] !!!Turbid\_TT\_TSS NS 114/122[10](114/122[10] 27/35[6] --/--[--]) +Un-ionzed ammonia FS 0/31[3]

Aquatic recreation IF +E. coli IF 0/17Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 27/102[6] =Phosphorus EX 12/34[4]

09020311-509	3D	32.3	Unnamed creek (County Ditch 27)	Headwaters to Red R	2B, 3B	
MNPCA1	S002-367		unn coulee on 170th ave, 1.5 mi n of csah 7,8 mi w of kennedy		TWORWD	8
MNPCA1	S004-876		unn str (trib to red River) at unn rd, 1.5 mi sw of mattson		CSMP/LWR	7
MPCAB	08RD003		Trib to Red River; Upstream of unnamed rd, 1.5 mi. SW of Mattson		phase1	2
MPCAB	08RD027		County Ditch #27; Downstream of unnamed road, 5 mi. NW of kennedy		phase1	2

Aquatic life IF +Chloride FS 0/6[5] =pH FS 0/32[6] +Un-ionzed ammonia FS 0/8[2]

Aquatic recreation IF +E. coli IF 0/4Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 2/14[4]

09020311-513	5A	3.3	Joe River	Salt Coulee to MN/Canada border	2C	
MNPCA1	S002-359		joe r at csah-16, 5 mi ne of st. vincent		CSMP/LWR	6
MNPCA1	S002-359		joe r at csah-16, 5 mi ne of st. vincent		TWORWD	10
MPCAB	93RD400		Joe River; CR 16/intersection, 4 mi ENE St. Vincent		phase1	1

Aquatic life NS \$Chloride NS 2/7[4] \$pH FS 3/30[5] +Un-ionzed ammonia FS 0/8[3]

Aquatic recreation IF +E. coli IF 0/5Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 1/11[5]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020311-514</b>	<b>3D</b>	<b>1.4</b>	<b>Unnamed creek</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S002-366		unn coulee at 200th ave, 5 mi w and 2 mi n of kennedy		TWORWD 10
Aquatic life	IF	+Chloride FS 0/7[4] =pH FS 0/16[5]			
<b>09020311-524</b>	<b>3A</b>	<b>2.4</b>	<b>Judicial Ditch 16</b>	<b>Unnamed ditch to CD 19</b>	<b>2B, 3B</b>
MNPCA1	S004-875		jd #16 at county state aid highway 23, 6.5 mi sw of kennedy		CSMP/LWR 6
MPCAB	08RD002		Judicial Ditch 16; Downstream of unnamed rd, 8 mi. SW of Kennedy		phase1 1
Aquatic life	IF	+pH FS 0/14[1] +Un-ionized ammonia FS 0/6[1]			
Aquatic recreation	IF	+E. coli IF 0/5Ind 0/0mo			
<b>09020311-528</b>	<b>3A</b>	<b>2.6</b>	<b>State Ditch 90</b>	<b>Lateral Ditch 5 to Tamarac R</b>	<b>2B, 3B</b>
MNPCA1	S004-216		sd-90 culvert on csah-27, 6 mi nw of strandquist		MC-WEST 19
Aquatic life	IF	+pH FS 3/38[3]			
Ecoregion norms	EX	+NO2&NO3 EX 2/19[3]			

**HUC: 09020312**      **DNR Major: 70**      **HUC NAME: TWO RIVERS**

<b>09020312-501</b>	<b>5C</b>	<b>21.0</b>	<b>Two River</b>	<b>M Br Two R to N Br Two R</b>	<b>2B, 3B</b>
MNPCA1	S000-186		two Rivers on us-75, 1 mi n of hallock		10
MNPCA1	S000-186		two Rivers on us-75, 1 mi n of hallock		CSMP/RRW 17
MNPCA1	S000-186		two Rivers on us-75, 1 mi n of hallock		MILE 47
MNPCA1	S000-186		two Rivers on us-75, 1 mi n of hallock		REDRWTC 13
MNPCA1	S000-186		two Rivers on us-75, 1 mi n of hallock		TWORWD 11
MNPCA1	S003-102		two Rivers at township road, 6.5 mi w of hallock		REDRWTC 11
MNPCA1	S003-102		two Rivers at township road, 6.5 mi w of hallock		CSMP 7
MNPCA1	S005-387		two Rivers at mn-175 (broadway st) at hallock		MDAWQMP 1
Aquatic life	NS	+Chloride FS 0/15[6] DO12 -- 1/91[11] DO5_9am FS 0/12[6] DO5_All FS 0/57[9] DO7 FS 1/34[10] +DOFinal IF[[5]] =pH FS 2/134[11] \$Turbid_TT_TSS NS 41/81[10](41/81[10] 2/6[3] --/--[--]) +Un-ionized ammonia FS 0/40[8]			
Aquatic recreation	NS	!!!E. coli NS 0/47Ind 2/5mo			
Ecoregion norms	EX	+BOD5 OK 0/13[4] =NO2&NO3 EX 14/45[8] =Phosphorus OK 2/47[8]			

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020312-502	2	33.0	Two River, South Branch	Lk Bronson to M Br Two R	1C, 2Bd, 3C	
MNPCA1	S002-365		two Rivers, s br at us-59 at lake bronson		CSMP	10
MNPCA1	S002-365		two Rivers, s br at us-59 at lake bronson		CSMP/RRW	18
MNPCA1	S002-365		two Rivers, s br at us-59 at lake bronson		REDRWTC	27
MNPCA1	S002-365		two Rivers, s br at us-59 at lake bronson		TWORWD	10
MNPCA1	S003-099		two Rivers s br at township rd, 1.5 mi se of hallock		REDRWTC	12
MNPCA1	S003-099		two Rivers s br at township rd, 1.5 mi se of hallock		CSMP	10

Aquatic life FS +Chloride FS 0/9[5] DO12 -- 0/54[10] DO5\_9am FS 0/8[5] DO5\_All FS 0/37[8] DO7 FS 0/17[9] +DOFinal IF[[1]] =pH FS 0/50[6] =Turbid\_TT\_TSS FS 1/39[8](1/39[8] 0/8[2] --/--)

Aquatic recreation FS +E. coli FS 0/18Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/9[4]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020312-503	5C	29.7	Two River, Middle Branch	CD 23 to S Br Two R	1C, 2Bd, 3C	
MNPCA1	S002-360		two Rivers, mid br at us-59, 4 mi nw of lake bronson		TWORWD	10
MNPCA1	S002-999		two Rivers, m br at mn-175, 14 mi e of hallock		REDRWTC	9
MNPCA1	S003-100		two Rivers m br at township road, 3 mi se of hallock		CSMP/RRW	18
MNPCA1	S003-100		two Rivers m br at township road, 3 mi se of hallock		CSMP	6
MNPCA1	S003-100		two Rivers m br at township road, 3 mi se of hallock		REDRWTC	5
MNPCA1	S003-103		two Rivers m br at township road, 4 mi n of lake bronson		REDRWTC	8
MNPCA1	S003-103		two Rivers m br at township road, 4 mi n of lake bronson		CSMP	6
MPCAB	05RD093		Middle Branch Two Rivers; 3 miles E of Hallock, upstream of State Route 175.		biocriteria	1

Aquatic life NS +Chloride FS 0/9[5] DO12 -- 3/44[9] DO5\_9am NS 1/6[4] DO5\_All FS 2/32[7] DO7 FS 1/12[8] !!!DOFinal NS[[1]] =pH FS 1/52[7] +Turbid\_TT\_TSS FS 1/29[6](1/29[6] 1/8[2] --/--)

Aquatic recreation IF +E. coli IF 0/18Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/9[4]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
09020312-504	5C	41.3	Two River, North Branch	Headwaters to Little Joe R	2B, 3B	
MNPCA1	S002-368		two Rivers, n br at csah-6, just w of lancaster		CSMP	13
MNPCA1	S002-368		two Rivers, n br at csah-6, just w of lancaster		CSMP/RRW	17
MNPCA1	S002-368		two Rivers, n br at csah-6, just w of lancaster		TWORWD	11
MNPCA1	S002-368		two Rivers, n br at csah-6, just w of lancaster		REDRWTC	29
MNPCA1	S002-369		two Rivers, n br, 1.5 mi e of csah-4, 8 mi ne of lancaster		CSMP	13
MNPCA1	S002-369		two Rivers, n br, 1.5 mi e of csah-4, 8 mi ne of lancaster		TWORWD	10
MNPCA1	S002-369		two Rivers, n br, 1.5 mi e of csah-4, 8 mi ne of lancaster		REDRWTC	37
MPCAB	05RD094		North Branch Two Rivers; 16 miles NE of Hallock, 1 m upstream of CR 15		biocriteria	1

Aquatic life NS +Chloride FS 0/16[5] DO12 -- 11/63[9] DO5\_9am NS 3/8[4] DO5\_All NS 11/50[8] DO7 FS 0/13[8] !!!DOFinal NS[[1]] =pH FS 0/50[7] =Turbid\_TT\_TSS FS 0/45[7](0/45[7] 0/11[2] --/--)

Aquatic recreation IF +E. coli IF 0/17Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 0/14[6] =Phosphorus OK 0/11[5]



AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020312-506</b>	<b>5C</b>	<b>25.1</b>	<b>Two River, South Branch</b>	<b>Unnamed ditch to Lateral Ditch 2</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S002-364		two Rivers, s br at mn-11 at pelan		TWORWD 11
MNPCA1	S002-373		two Rivers,s br (st. dtch 91)1 block w of mn-32 in greenbush		TWORWD 16
MNPCA1	S002-998		sb two r at cr-105, 2 mi se of pelan		REDRWTCB 10
MPCAB	05RD181		South Branch Two Rivers; Downstream of CR 29, 3 miles SW of Greenbush		EMAP 1

Aquatic life NS !!!Chloride NS 1/25[5] DO12 -- 3/33[6] DO5\_All NS 3/23[4] DO7 FS 0/10[5] !!!DOFinal NS[[3]] =pH FS 0/50[6] =Turbid\_TT\_TSS FS 2/25[5](2/25[5] --/--[--] --/--[--])

Drinking Water FS +NO2&NO3 FS 0/5[5]

Ecoregion norms OK =Phosphorus OK 0/10[5]

<b>09020312-508</b>	<b>5C</b>	<b>22.2</b>	<b>Two River, North Branch</b>	<b>Little Joe R to Two R</b>	<b>2B, 3B</b>
MNPCA1	S002-370		two Rivers, n br, at us-75 at northcote		CSMP/RRW 18
MNPCA1	S002-370		two Rivers, n br, at us-75 at northcote		TWORWD 11
MNPCA1	S002-370		two Rivers, n br, at us-75 at northcote		REDRWTCB 16
MNPCA1	S003-092		two Rivers n br at twp hwy t-215, 2 mi e of northcote		CSMP 13
MNPCA1	S003-092		two Rivers n br at twp hwy t-215, 2 mi e of northcote		REDRWTCB 20
MPCAB	05RD053		North Branch Two Rivers; ~1/2 mile downstream of CR 58, ~6 miles WNW of Hallock.		EMAP 1

Aquatic life NS +Chloride FS 0/9[5] DO12 -- 9/62[10] DO5\_9am NS 2/7[4] DO5\_All NS 9/50[8] DO7 FS 0/12[8] !!!DOFinal NS[[0]] =pH FS 0/52[7] \$Turbid\_TT\_TSS NS 17/45[8](17/45[8] 3/10[2] --/--[--])

Aquatic recreation IF +E. coli IF 1/18Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 1/11[6] =Phosphorus OK 0/11[5]

<b>09020312-509</b>	<b>5C</b>	<b>7.0</b>	<b>Two River</b>	<b>N Br Two R to Red R</b>	<b>2B, 3B</b>
MNPCA1	S000-569		two Rivers n br on csah-16 7.1 mi w of hallock		CSMP 19
MNPCA1	S000-569		two Rivers n br on csah-16 7.1 mi w of hallock		CSMP/RED 16
MNPCA1	S000-569		two Rivers n br on csah-16 7.1 mi w of hallock		CSMP/RRW 17
MNPCA1	S000-569		two Rivers n br on csah-16 7.1 mi w of hallock		REDRWTCB 14
MNPCA1	S000-569		two Rivers n br on csah-16 7.1 mi w of hallock		REDRIVER 85
MNPCA1	S000-569		two Rivers n br on csah-16 7.1 mi w of hallock		MERCLKS/ 6
MNPCA1	S000-569		two Rivers n br on csah-16 7.1 mi w of hallock		TWORWD 10
MPCAB	05RD004		Two Rivers; Upstream of County Route 16, 8 miles NW of Hallock		EMAP 1

Aquatic life NS +Arsenic FS 0/6[4] +Cadmium FS 0/6[4] +Chloride FS 0/39[7] +Chromium FS 0/6[4] +Copper FS 0/6[4] DO12 -- 8/127[11] DO5\_9am NS 1/10[5] DO5\_All FS 8/99[9] DO7 FS 0/28[11] !!!DOFinal NS[[3]] +Lead FS 0/6[4] +Mercury FS 0/6[4] +Nickel FS 0/6[4] =pH FS 0/232[10] \$Turbid\_TT\_TSS NS 84/106[10](84/106[10] 8/11[3] --/--[--]) +Un-ionzed ammonia FS 0/35[7] +Zinc FS 0/6[4]

Aquatic recreation IF +E. coli IF 0/16Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 22/107[9] =Phosphorus EX 4/39[7]

<b>09020312-514</b>	<b>3D</b>	<b>16.7</b>	<b>State Ditch 84</b>	<b>Headwaters to N Br Two R</b>	<b>2B, 3B</b>
MNPCA1	S002-372		st dt 84 at skull l wldlf m.a., 5 mi n&3.5 mi e of lancaster		TWORWD 11

Aquatic life IF +Chloride FS 0/10[4] =pH FS 0/22[4]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>09020312-515</b>	<b>3D</b>	<b>13.7</b>	<b>Unnamed ditch</b>	<b>Headwaters to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S002-362	nereson impndmnt outlt, 8 mi s, then 2 mi e of badger			TWORWD 15

Aquatic life NS !!!Chloride NS 1/13[4] =pH FS 0/30[4]

<b>09020312-517</b>	<b>3B</b>	<b>7.3</b>	<b>State Ditch 50</b>	<b>Unnamed ditch to Unnamed cr</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S002-376	two Rivers, m br (cty dtch 15),3 mi n & 8 mi e of lk bronson			TWORWD 13

Aquatic life NS !!!Chloride NS 1/11[3] =pH FS 0/26[3]

**HUC: 09020314 DNR Major: 71 HUC NAME: ROSEAU RIVER**

<b>09020314-501</b>	<b>5A</b>	<b>49.5</b>	<b>Roseau River</b>	<b>Hay Cr to MN/Canada border</b>	<b>2B, 3B</b>
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MNPCA1	S000-115	roseau River cr-53 at caribou	ROSEAU	32
MNPCA1	S000-115	roseau River cr-53 at caribou	REDRIVER	26
MNPCA1	S000-115	roseau River cr-53 at caribou	MERCLKS/	5
MNPCA1	S000-115	roseau River cr-53 at caribou	FISHKILL	5
MNPCA1	S002-107	roseau r at mn-89 at ross	REDRIVER	6
MNPCA1	S002-107	roseau r at mn-89 at ross	CSMP/RED	1
MNPCA1	S002-107	roseau r at mn-89 at ross	REDRWTC	18
MNPCA1	S002-107	roseau r at mn-89 at ross	CSMP	12
MNPCA1	S003-096	roseau r at mn-310, 5.2 mi no of roseau	CSMP	14
MNPCA1	S003-096	roseau r at mn-310, 5.2 mi no of roseau	REDRWTC	26
MNPCA1	S003-096	roseau r at mn-310, 5.2 mi no of roseau	CSMP/RED	1
MNPCA1	S004-297	roseau r at trangrud brg on cr-113, 15 mi nw of roseau	ROSEAU	32
MPCAB	05RD027	Roseau River; Upstream of Hwy 89, 7.5 miles NW of Roseau	EMAP	1
MPCAB	05RD039	Roseau River; 1.5 miles E of CR 24, 18 miles NE of Lake Bronson	EMAP	2

Aquatic life NS +Arsenic FS 0/5[4] +Cadmium FS 0/5[4] +Chromium FS 0/5[4] +Copper FS 0/5[4] DO12 -- 12 97[8] DO5\_9am NS 2/11[4] DO5\_All NS 12/74[8] \$DO7 FS 0/23[7] \$DOFinal NS[[4]] +Lead FS 0/5[4] +Mercury FS 0/5[4] +Nickel FS 0/5[4] =pH FS 0/126[6] \$Turbid\_TT\_TSS NS 24/74[8](24/74[8] 1/15[4] --/--[--]) +Zinc FS 0/5[4]

Ecoregion norms EX =NO2&NO3 EX 11/39[4] =Phosphorus EX 18/36[5]

<b>09020314-502</b>	<b>5C</b>	<b>9.2</b>	<b>Roseau River</b>	<b>S Fk Roseau R to Hay Cr</b>	<b>2B, 3B</b>
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MNPCA1	S003-094	roseau r at center street in roseau	CSMP	14
MNPCA1	S003-094	roseau r at center street in roseau	CSMP/RED	1
MNPCA1	S003-094	roseau r at center street in roseau	REDRWTC	30

Aquatic life FS DO12 -- 1/30[7] DO5\_All FS 1/21[7] DO7 FS 0/9[7] +DOFinal IF[[0]] =Turbid\_TT\_TSS FS 1/22[5](1/22[5] 0/8[3] --/--[--])

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

09020314-503	2	50.1	Roseau River, South Fork	Headwaters to Roseau R	2B, 3B
MNPCA1	S003-093		roseau r so fk at cr-126, 7 mi so of roseau		CSMP/RED 1
MNPCA1	S003-093		roseau r so fk at cr-126, 7 mi so of roseau		REDRWTC 31
MNPCA1	S003-093		roseau r so fk at cr-126, 7 mi so of roseau		CSMP 15
MNPCA1	S004-292		so fk roseau r on csah-18 at casperson		ROSEAU 27
MNPCA1	S004-294		so fk roseau r on cr-128, 1 1/3 mi ne of wannaska		ROSEAU 32
MNPCA1	S004-294		so fk roseau r on cr-128, 1 1/3 mi ne of wannaska		CSMP/RED 6
MPCAB	05RD065		South Fork Roseau River; Downstream side of county road 20. 10 miles South of Roseau.		EMAP 1
MPCAB	05RD128		South Fork Roseau River; 12m S of Roseau, downstream of CR 128		biocriteria 1

Aquatic life FS DO12 -- 1/68[8] DO5\_9am FS 0/4[4] DO5\_All FS 1/52[8] DO7 FS 0/16[7] +DOFinal IF[[1]] +pH FS 0/74[6] =Turbid\_TT\_TSS FS 1/54[8](1/54[8] 0/14[4] --/--)

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

09020314-504	5C	61.5	Roseau River	Headwaters to S Fk Roseau R	2B, 3B
MNPCA1	S000-116		roseau River at bridge on csah-2 at malung		FISHKILL 3
MNPCA1	S003-095		roseau r at old rr bridge at malung town hall in malung		REDRWTC 31
MNPCA1	S003-095		roseau r at old rr bridge at malung town hall in malung		CSMP 15
MNPCA1	S003-095		roseau r at old rr bridge at malung town hall in malung		CSMP/RED 1
MNPCA1	S004-288		roseau r at csah-4 brg (by hayes lk sp), 16 mi se of roseau		ROSEAU 32
MNPCA1	S004-288		roseau r at csah-4 brg (by hayes lk sp), 16 mi se of roseau		CSMP/RED 6
MPCAB	05RD007		Roseau River; 8 miles SW of Norris Camp landing strip. Enter on DS end off CR 19		EMAP 1
MPCAB	05RD058		Roseau River; ~1 mile downstream of County Route 2, ~1 mile N of Malung		EMAP 1

Aquatic life NS DO12 -- 1/68[8] DO5\_9am NS 1/5[4] DO5\_All FS 1/52[8] DO7 FS 0/16[7] +DOFinal IF[[0]] +pH FS 1/70[6] =Turbid\_TT\_TSS FS 1/53[8](1/53[8] 0/13[4] --/--)

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

09020314-505	3B	17.0	Hay Creek	Headwaters to Roseau R	2C
MNPCA1	S002-105		hay ck at cr-28, 3 mi ne of roseau		CSMP 17
MNPCA1	S002-105		hay ck at cr-28, 3 mi ne of roseau		REDRWTC 26
MNPCA1	S002-105		hay ck at cr-28, 3 mi ne of roseau		CSMP/RED 5
MNPCA1	S002-105		hay ck at cr-28, 3 mi ne of roseau		REDRIVER 15
MNPCA1	S002-106		hay ck at twp rd, 1.25 mi nw csah-11 crossing, 6.5 e roseau		REDRIVER 15
MNPCA1	S002-106		hay ck at twp rd, 1.25 mi nw csah-11 crossing, 6.5 e roseau		CSMP 18
MNPCA1	S002-106		hay ck at twp rd, 1.25 mi nw csah-11 crossing, 6.5 e roseau		CSMP/RED 4
MNPCA1	S002-106		hay ck at twp rd, 1.25 mi nw csah-11 crossing, 6.5 e roseau		REDRWTC 20
MNPCA1	S004-135		hay ck at csah-12, 10 mi se of roseau		ROSEAU 29
MPCAB	05RD043		Hay Creek (County Ditch #7); Just E of County Route 28, ~3 miles NE of Roseau		EMAP 1
MPCAB	05RD084		Hay Creek (County ditch No. 9); Downstream of CR 12, 9 miles SE of Roseau		biocriteria 1

Aquatic life NS DO12 -- 7/74[8] DO5\_9am FS 1/14[7] DO5\_All NS 7/55[8] DO7 FS 0/19[8] !!!DOFinal NS[[4]] =pH FS 0/86[6] !!!Turbid\_TT\_TSS NS 31/66[8](31/66[8] 1/9[3] --/--)

Ecoregion norms EX =NO2&NO3 EX 8/38[6] =Phosphorus EX 8/16[4]

AUID	Category	Miles	Reach Name	Basin: RD	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09020314-508</b>	<b>5C</b>	<b>9.3</b>	<b>Sprague Creek</b>	<b>MN/Canada border to Roseau R</b>	<b>2B, 3B</b>
MNPCA1	S003-097		Sprague Creek at mn-310, 6.4 mi no of roseau		CSMP/RED 1
MNPCA1	S003-097		Sprague Creek at mn-310, 6.4 mi no of roseau		CSMP 11
MNPCA1	S003-097		Sprague Creek at mn-310, 6.4 mi no of roseau		REDRWTC 24
MNPCA1	S004-298		sprague ck 410th ave 1/2 mi us/canada bdr 11 mi ne roseau		ROSEAU 26

Aquatic life NS DO12 -- 1/49[8] DO5\_9am FS 0/11[6] DO5\_All FS 1/37[8] DO7 FS 0/12[6] +DOFinal IF[[1]] +pH FS 0/46[6] \$Turbid\_TT\_TSS NS 8/43[8](8/43[8] 1/6[3] --/--)

<b>09020314-509</b>	<b>3D</b>	<b>2.0</b>	<b>State Ditch 72</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S002-361		sd 72 at 170th ave, 10 mi n and 3 mi w of greenbush		TWORWD 15

Aquatic life IF +Chloride FS 0/13[4] =pH FS 0/30[4]

<b>09020314-510</b>	<b>3D</b>	<b>5.4</b>	<b>County Ditch 13</b>	<b>Unnamed ditch to Badger Cr</b>	<b>2B, 3B</b>
MNPCA1	S002-371		co dtch 13 on 270th ave, 1 mi w of csah-3, 1.5 mi n of badger		TWORWD 15
MNPCA1	S003-452		cd #13 at unnamed street (east of mn-11) 2.5 mi ne of badger		CSMP 1
MNPCA1	S003-452		cd #13 at unnamed street (east of mn-11) 2.5 mi ne of badger		CSMP/RED 4
MNPCA1	S003-452		cd #13 at unnamed street (east of mn-11) 2.5 mi ne of badger		REDRIVER 10

Aquatic life NS !!!Chloride NS 1/13[4] DO12 -- 0/24[8] DO5\_9am FS 0/9[4] DO5\_All FS 0/17[7] DO7 FS 0/7[7] +DOFinal IF[[1]] =pH FS 0/54[8] +Turbid\_TT\_TSS FS 1/25[8](1/25[8] --/-- --/--)

Ecoregion norms EX +NO2&NO3 EX 3 14[5]

<b>09020314-511</b>	<b>3A</b>	<b>1.4</b>	<b>County Ditch 13</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S002-363		cd 13 (skunk cr) at old mn hwy 11 br, 1.5 mi ne of badger		TWORWD 7

Aquatic life NS !!!Chloride NS 1/7[2] +pH FS 0/14[2]

<b>09020314-521</b>	<b>3A</b>	<b>1.7</b>	<b>Unnamed ditch (Judicial Ditch 63)</b>	<b>Unnamed ditch to Mickinock Cr</b>	<b>2B, 3B</b>
MNPCA1	S004-134		jd #63 at cr-125, 6 mi sw of wannaska		CSMP 4
MNPCA1	S004-134		jd #63 at cr-125, 6 mi sw of wannaska		CSMP/RED 4
MNPCA1	S004-134		jd #63 at cr-125, 6 mi sw of wannaska		REDRIVER 7

Aquatic life IF +pH FS 0/22[3]

<b>09020314-527</b>	<b>3A</b>	<b>2.5</b>	<b>Pine Creek</b>	<b>Unnamed cr to CD 17</b>	<b>2B, 3B</b>
MNPCA1	S004-291		pine ck on cr-118, 11 mi nw of roseau		ROSEAU 19

Aquatic life IF +pH FS 0/30[4]

<b>09020314-900</b>	<b>3A</b>	<b>2.9</b>	<b>Unnamed ditch</b>	<b>Headwaters to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S002-375		cty dtch 13 just s of cr-114, 9 mi sw of roseau		TWORWD 5

Aquatic life NS !!!Chloride NS 1/5[2] +pH FS 0/10[2]

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

**HUC: 09030001      DNR Major: 72      HUC NAME: RAINY R-Headwaters**

<b>09030001-512</b>	<b>4A</b>	<b>8.4</b>	<b>Kawishiwi River</b>	<b>South Kawishiwi R to Farm Lk</b>	<b>1B, 2Bd, 3C</b>
MNPCA1	S004-091		n kawishiwi r, t63n r11w s27, 5.8 mi e of ely, mn		KAWISHIW 15

Aquatic life IF +pH FS 1/26[3]

<b>09030001-515</b>	<b>3B</b>	<b>39.7</b>	<b>Stony River</b>	<b>Headwaters (Source Lk 38-0654-00) to Birch Lk</b>	<b>2B, 3B</b>
MNPCA1	S000-911		stony River bridge on mn-1, 21.5 miles so of ely		KAWISHIW 17
MPCAB	05RN024		Stony River; upstream of Hwy 1, 16.5 miles SE of Babbitt		EMAP 1
MPCAB	05RN074		Stony River; 9 miles NW of Isabella Station, upstream of State Route 1		biocriteria 1

Aquatic life IF <>pH FS 2/38[4]

Ecoregion norms OK +Phosphorus OK 0/18[4]

<b>09030001-532</b>	<b>3A</b>	<b>0.1</b>	<b>Kawishiwi River</b>	<b>Garden Lk to Fall Lk</b>	<b>1B, 2Bd, 3C</b>
MNPCA1	S000-107		kawishiwi r. garden lake outlet		KAWISHIW 20

Aquatic life FS DO12 -- 0/20[3] DO5\_9am FS 0/1[1] DO5\_All FS 0/20[3] +DOFinal IF[[0]] +pH FS 1/40[3] +Turbid\_TT\_TSS FS 0/20[3](0/14[3] 0/6[1] --/--[--])

Ecoregion norms OK +Phosphorus OK 1/19[3]

<b>09030001-536</b>	<b>2</b>	<b>1.5</b>	<b>South Kawishiwi River</b>	<b>NE tip of Birch Lk to dam</b>	<b>2B, 3B</b>
MNPCA1	S000-108		Kawishiwi River br on mn-1 at dam 8 mi se of ely		KAWISHIW 16
MNPCA1	S000-108		Kawishiwi River br on mn-1 at dam 8 mi se of ely		LOADSTDY 2
MNPCA1	S000-108		Kawishiwi River br on mn-1 at dam 8 mi se of ely		MILE 47
MNPCA1	S000-108		Kawishiwi River br on mn-1 at dam 8 mi se of ely		REDRIVER 17
MNPCA1	S000-108		Kawishiwi River br on mn-1 at dam 8 mi se of ely		10

Aquatic life NS +Chloride FS 0/11[2] DO12 -- 3/78[9] DO5\_9am FS 0/4[4] DO5\_All FS 3/52[8] DO7 FS 0/26[9] +DOFinal IF[[1]] =pH FS 3/156[9] =Turbid\_TT\_TSS FS 2/64[9](2/64[9] 0/14[4] --/--[--]) +Un-ionized ammonia FS 0/40[8]

Aquatic recreation FS +E. coli FS 0/31Ind 0/3mo

Ecoregion norms EX +BOD5 OK 1/12[3] =NO2&NO3 EX 9/58[9] <>Phosphorus OK 5/53[7]

<b>09030001-537</b>	<b>3A</b>	<b>6.6</b>	<b>South Kawishiwi River</b>	<b>BWCA border to Birch Lk</b>	<b>2B, 3B</b>
MNPCA1	S000-166		Kawishiwi River bridge on mn-1, 9.5 mi se of ely		KAWISHIW 18

Aquatic life IF +pH FS 2/36[3]

Ecoregion norms OK +Phosphorus OK 0/17[3]

<b>09030001-608</b>	<b>3A</b>	<b>3.6</b>	<b>Bear Island River</b>	<b>One Pine Lk to White Iron Lk</b>	<b>2B, 3B</b>
MNPCA1	S000-912		Bear Island River bridge on mn-1 5.5 mi s of ely		KAWISHIW 20

Aquatic life FS DO12 -- 0/20[3] DO5\_All FS 0/20[3] +DOFinal IF[[0]] +pH FS 2/40[3] +Turbid\_TT\_TSS FS 0/20[3](0/14[3] 0/6[1] --/--[--])

Ecoregion norms OK +Phosphorus OK 0/19[3]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
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<b>09030001-628</b>	<b>3A</b>	<b>15.1</b>	<b>South Kawishiwi River (White Iron Lake</b>	<b>White Iron Lk (69-0004-00)</b>	<b>2B, 3B</b>		
MNPCA1	S004-092		s kawishiwi r, t63n r1 l w s29, 2.7 mi sw of winton, mn			KAWISHIW	15

Aquatic life IF +pH FS 1/26[3]

<b>09030001-656</b>	<b>4A</b>	<b>46.0</b>	<b>Kawishiwi River</b>	<b>Headwaters (Kawishiwi Lk 38-0080-00) to South Kawishi</b>	<b>1B, 2Bd, 3C</b>		

Aquatic life IF +Chloride FS 0/42[4]

Drinking Water FS +Nitrate FS 0/42[4]

**HUC: 09030002 DNR Major: 73 HUC NAME: VERMILION RIVER**

<b>09030002-530</b>	<b>3A</b>	<b>37.1</b>	<b>Pelican River</b>	<b>Pelican Lk to Vermilion R</b>	<b>2B, 3B</b>		
MNPCA1	S004-665		pelican r, .5 mi s of csah 23, 3 mi e of orr			CSMP	59

Aquatic life FS +Turbid\_TT\_TSS FS 0/59[2](--/--[--] 0/59[2] --/--[--])

**HUC: 09030004 DNR Major: 75 HUC NAME: RAINY RIVER-Manitou**

<b>09030004-502</b>	<b>4A</b>	<b>3.0</b>	<b>Rainy River</b>	<b>Rainy Lk to International Falls Dam</b>	<b>1B, 2Bd, 3A</b>		
MNPCA1	S000-007		rainy r international br at international falls			MILE	49
MNPCA1	S000-007		rainy r international br at international falls				10
MNPCA1	S000-718		rainy r in s25swqswq btn fort francis & jameson			MERCLKS/	5

Aquatic life FS =Arsenic FS 0/5[3] =Cadmium FS 0/5[3] +Chloride FS 0/9[2] =Copper FS 0/5[3] DO12 -- 0/46[9] DO5\_All FS 0/26[5] DO7 FS 0/20[9] +DOFinal IF[[0]] =Lead FS 0/5[3] =Mercury FS 0/5[3] +Nickel FS 0/5[3] =pH FS 2/90[9] =Turbid\_TT\_TSS FS 2/43[9](2/43[9] 0/2[2] --/--[--]) +Un-ionzed ammonia FS 0/38[8] =Zinc FS 0/5[3]

Aquatic recreation FS +E. coli FS 0/31Ind 0/3mo

Drinking Water FS +NO2&NO3 FS 0/39[8]

Ecoregion norms OK =BOD5 OK 0/15[4] =Phosphorus OK 0/33[8]

<b>09030004-503</b>	<b>4A</b>	<b>12.4</b>	<b>Rainy River</b>	<b>International Falls Dam to Little Fork R</b>	<b>1C, 2Bd, 3A</b>		
MNPCA1	S000-182		rainy r at access off shorewood dr w of i'falls			MERCLKS/	5
MNPCA1	S000-182		rainy r at access off shorewood dr w of i'falls			RNAP	2
MNPCA1	S001-369		RAINY River in international falls, mn			CSMP	7
MPCAB	06RN005		Rainy River; At Ron Hall memorial access in International Falls			biocriteria	1
MPCAB	06RN006		Rainy River; At Kuttas access ramp in Pelland			biocriteria	1

Aquatic life IF +pH FS 0/10[3]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

09030004-510	5C	12.4	Black River	Unnamed cr to W Fk Black R	2B, 3B
MNPCA1	S001-962		black r, 0.1 mi n of mn-11 br at campground, just e of loman		MERCLKS/ 5
MPCAB	05RN015		Black River; ~4 miles NW of Lindford		EMAP 1
MPCAB	05RN022		Black River; upstream of Hwy 11, 18 miles NW of Little Fork		EMAP 2
Aquatic life	IF	=Arsenic FS 0/5[3] =Cadmium FS 0/5[3] =Copper FS 0/5[3] =Lead FS 0/5[3] \$Mercury FS 1/5[3] +Nickel FS 0/5[3] =Zinc FS 0/5[3]			

**HUC: 09030005      DNR Major: 76      HUC NAME: LITTLE FORK RIVER**

09030005-501	5B	19.2	Little Fork River	Beaver Bk to Rainy R	2B, 3B
MNPCA1	S000-179		little fork r mn-11 bridge, 0.5 mi w of pelland		MERCLKS/ 5
MNPCA1	S000-179		little fork r mn-11 bridge, 0.5 mi w of pelland		10
MNPCA1	S000-179		little fork r mn-11 bridge, 0.5 mi w of pelland		LF_TURB 10
MNPCA1	S000-179		little fork r mn-11 bridge, 0.5 mi w of pelland		LFORKR 10
MNPCA1	S000-179		little fork r mn-11 bridge, 0.5 mi w of pelland		MILE 48
MNPCA1	S000-179		little fork r mn-11 bridge, 0.5 mi w of pelland		MILE / LFORKR 1
MNPCA1	S000-179		little fork r mn-11 bridge, 0.5 mi w of pelland		SPEC 1
MPCAB	08RN053		Little Fork River; Upstream of Hwy 11, 1 mi. S of Pelland		phase1 1
Aquatic life	NS	=Arsenic FS 0/5[3] =Cadmium FS 0/5[3] +Chloride FS 0/9[2] =Copper FS 0/5[3] DO12 -- 3/64[9] DO5_9am FS 0/7[2] DO5_All FS 2/45[6] DO7 FS 1/19[9] +DOFinal IF[[2]] =Lead FS 0/5[3] =Mercury FS 0/5[3] +Nickel FS 0/5[3] =pH FS 1/126[9] \$Turbid_TT_TSS NS 31/57[9](31/57[9] 1/6[2] --/--[--]) +Un-ionzed ammonia FS 0/46[8] =Zinc FS 0/5[3]			
Aquatic recreation	FS	+E. coli FS 0/36Ind 0/4mo			
Ecoregion norms	EX	+BOD5 OK 0/12[3] =NO2&NO3 EX 10/50[8] =Phosphorus EX 7/50[7]			

09030005-502	4A	25.7	Little Fork River	Headwaters to Rice R	2B, 3B
MNPCA1	S002-554		little fork r. at us-53, .5 mi nw of cook, mn		LF_TURB 21
MNPCA1	S002-555		little fork r. at cr 420, 6.5 mi. e of cook, mn		LF_TURB 2
MPCAB	05RN088		Little Fork River; In the city of Cook, upstream of River Rd.		biocriteria 1
MPCAB	05RN189		Little Fork River; 5 miles east of Cook, upstream of County Route 78		EMAP 1
MPCAB	08RN015		Little Fork River; Upstream of CR 914, 2 mi. SW of Cook		phase1 1
MPCAB	08RN050		Little Fork River; Downstream of CR 420, 5 mi. E of Cook		phase1 1
Aquatic life	NS	DO12 -- 2 21[5] DO5_9am NS 1/7[3] DO5_All NS 2/17[5] DO7 FS 0/4[2] +DOFinal IF[[1]] <>pH FS 5/46[5] !!!Turbid_TT_TSS NS 6/23[5](6/23[5] 1/2[1] --/--[--])			
Ecoregion norms	EX	=Phosphorus EX 11/15[5]			

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-503	4A	17.5	Little Fork River		Rice R to Beaver Cr	2B, 3B	
MNPCA1	S001-474		little fork r at cr 139 bridge, 1 mi n of meadowbrook			REGCOM	1
MNPCA1	S002-553		little fork r at mn-73, .33 mi s of linden grove, mn			LF_TURB	11
MPCAB	05RN018		Little Fork River; downstream of CR 194, 4 miles SW of Cook			EMAP	1

Aquatic life      IF      +pH FS 0/20[4]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-504	4A	4.8	Little Fork River		Beaver Cr to Sturgeon R	2B, 3B	
MNPCA1	S004-873		little fork r at cr-495, 13.3 mi wnw of cook, mn			LFORKR	10
MPCAB	05RN089		Little Fork River; 13 miles SW of Glendale, upstream of CR 495.			biocriteria	1
MPCAB	08RN005		Little Fork River; At CR 495, 6 mi. SE of Greaney			phase1	1

Aquatic life      IF      +pH FS 0/22[2]      +Un-ionized ammonia FS 0/8[1]

Aquatic recreation      IF      +E. coli IF 0/6Ind 0/0mo

Ecoregion norms      EX      +NO2&NO3 OK 0/11[2]      +Phosphorus EX 8/11[2]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-505	4A	11.9	Little Fork River		Sturgeon R to Willow R	2B, 3B	
MNPCA1	S001-473		little fork r at cr 114 br, 25 mi nw of cook			REGCOM	1
MNPCA1	S004-920		little fork r at csah-75, 2 mi se of rauch, mn			LFORKR	10
MPCAB	08RN006		Little Fork River; Downstream of CR 75, 2 mi. SE of Rauch			phase1	1

Aquatic life      IF      +pH FS 0/20[1]      +Un-ionized ammonia FS 0/9[1]

Aquatic recreation      IF      +E. coli IF 0/6Ind 0/0mo

Ecoregion norms      EX      +NO2&NO3 OK 0/11[1]      +Phosphorus EX 2/11[1]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-506	4A	5.2	Little Fork River		Willow R to Valley R	2B, 3B	
MNPCA1	S002-551		little fork r at mn-65, 1.75 mi sw of silverdale, mn			LF_TURB	20
MPCAB	05RN052		Little Fork River; ~1 mile N of CR 57, ~3 miles SW of Silverdale			EMAP	1

Aquatic life      NS      =pH FS 0/40[5]      !!!Turbid\_TT\_TSS NS 8/21[5](8/21[5] --/--[--] --/--[--])

Ecoregion norms      EX      =Phosphorus EX 7/12[3]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-508	4A	40.3	Little Fork River		Prairie Cr to Nett Lake R	2B, 3B	
MNPCA1	S002-552		little fork r at mn-65 br, 13.25 mi. se of littlefork, mn			LF_TURB	12
MNPCA1	S002-552		little fork r at mn-65 br, 13.25 mi. se of littlefork, mn			LFORKR	10
MPCAB	05RN001		Little Fork River; ~5 miles downstream of State Route 65, ~9 miles SE of Nett Lake			EMAP	1
MPCAB	05RN031		Little Fork River; 1.5 miles S of Hwy 65, 18 miles SE of Littlefork			EMAP	1
MPCAB	05RN044		Little Fork River; 1/2 mile W of State Route 65, 15 miles SSE of Littlefork			EMAP	1
MPCAB	08RN007		Little Fork River; Upstream of Hwy 65, 13 mi. SE of Littlefork			phase1	1

Aquatic life      NS      DO12 -- 0/21[3]      DO5\_9am FS 0/2[1]      DO5\_All FS 0/19[3]      DO7 FS 0/2[1]      +DOFinal IF[[0]]      +pH FS 1/44[3]      !!!Turbid\_TT\_TSS NS 3/20[3](3/20[3] 1/5[1] --/--[--])      +Un-ionized ammonia FS 0/9[1]

Aquatic recreation      IF      +E. coli IF 0/6Ind 0/0mo

Ecoregion norms      OK      +NO2&NO3 OK 0/14[2]      <>Phosphorus OK 1/21[3]

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment



AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09030005-510</b>	<b>5B</b>	<b>14.3</b>	<b>Little Fork River</b>	<b>Cross R to Beaver Bk</b>	<b>2B, 3B</b>
MNPCA1	S002-556		little fork r. at mn-217 at little fork, mn		LOADSTDY 42
MNPCA1	S002-556		little fork r. at mn-217 at little fork, mn		LF_TURB 17
MNPCA1	S002-556		little fork r. at mn-217 at little fork, mn		RNC 6
MNPCA1	S002-556		little fork r. at mn-217 at little fork, mn		SSSTA 2
MPCAB	05RN086		Little Fork River; At end of CR 23, just upstream of the town of Little Fork.		nutrients 1
MPCAB	08RN049		Little Fork River ; Downstream of Hwy 217, 0.25 mi. SW of Littlefork		phase1 1

Aquatic life NS +Chloride FS 0/41[2] DO12 -- 1/61[5] DO5\_9am FS 1/12[3] DO5\_All FS 1/44[5] DO7 FS 0/17[3] +DOFinal IF[[2]] =pH FS 0/126[5] \$Turbid\_TT\_TSS NS 25/68[5](25/68[5] 0/1[1] --/--[--]) +Un-ionzed ammonia FS 0/16[1]

Ecoregion norms EX +NO2&NO3 EX 16/50[4] =Phosphorus EX 12/61[5]

<b>09030005-511</b>	<b>3A</b>	<b>20.0</b>	<b>Cross River</b>	<b>Headwaters to Little Fork R</b>	<b>2B, 3B</b>
MNPCA1	S004-815		cross r at cr-73, 5 mi s of littlefork		LF_TURB 5
MPCAB	08RN028		Cross River; Downstream of CR 73, 5 mi. SE of Littlefork		phase1 1

Aquatic life IF +pH FS 1/12[1]

<b>09030005-512</b>	<b>3A</b>	<b>19.5</b>	<b>Valley River</b>	<b>T62 R23W S4, north line to Little Fork R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S004-812		valley r at cr-57, 3 mi w of rauch		LF_TURB 4
MPCAB	08RN020		Valley River; Upstream of CR 57, 2 mi. W of Rauch		phase1 1
MPCAB	08RN037		Valley River; Upstream of Holstrum Spur Rd, 4 mi. SW of Bramble		phase1 1

Aquatic life IF +pH FS 0/12[1]

<b>09030005-513</b>	<b>3A</b>	<b>40.8</b>	<b>Bear River</b>	<b>Headwaters (Coon Lk 31-0318-00) to Sturgeon R</b>	<b>2B, 3B</b>
MNPCA1	S004-872		bear r at csah-5, 23.5 mi nnw of chisholm, mn		LFORKR 10
MPCAB	05RN094		Bear River; upstream of C.R. 52, 10 mi. S.W. of Togo		biocriteria 1
MPCAB	08RN004		Bear River; Upstream of CR 5, 3 mi. NE of Bear River		phase1 2
MPCAB	08RN022		Bear River; Downstream of CR 52, 9 mi. SW of Bear River		phase1 1
MPCAB	08RN046		Bear River; Upstream of CR 527, In Bear River		phase1 1

Aquatic life IF +pH FS 1/28[2] +Un-ionzed ammonia FS 0/9[1]

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 0/15[2] +Phosphorus OK 0/15[2]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

09030005-517	3A	35.0	Rice River	Johnson Cr to Little Fork R	2B, 3B
MNPCA1	S000-877		rice r at csah-25 btn s21/28 3.5 mi w of cook		LFORKR 10
MNPCA1	S004-813		rice r at us-53, 3 mi s of cook		LF_TURB 5
MPCAB	05RN010		Rice River; Upstream of State Route 1, ~3 miles SE of Cook		EMAP 1
MPCAB	08RN002		Rice River; Downstream of CR 25, 3 mi. SW of Cook		phase1 1
MPCAB	08RN036		Rice River ; Upstream of CR 87, 1.5 mi. E of Leander		phase1 1

Aquatic life IF +pH FS 0/34[2] +Un-ionzed ammonia FS 0/9[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 OK 0/13[2] +Phosphorus EX 8/13[2]

09030005-519	3A	33.2	Willow River	Headwaters to Little Fork R	2B, 3B
MNPCA1	S004-814		willow r at csah-75 (aka greaney rd), 1 mi s of greaney		LFORKR 10
MNPCA1	S004-814		willow r at csah-75 (aka greaney rd), 1 mi s of greaney		LF_TURB 5
MPCAB	05RN045		Willow River; ~1/2 mile S of County Route 74, 4 miles W of Gheen Corner		EMAP 1
MPCAB	08RN018		Willow River ; Downstream of CR 769, 2 mi. SW of Gheen		phase1 1
MPCAB	08RN054		Willow River; Upstream of CR 75, 0.75 mi. S of Greaney		phase1 1

Aquatic life IF +pH FS 1/34[2] +Un-ionzed ammonia FS 0/9[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 OK 0/13[2] +Phosphorus EX 11/13[2]

09030005-521	3A	40.0	Nett Lake River	Headwaters (Nett Lk) to Little Fork R	2B, 3B
MNPCA1	S003-998		nett lk r, .05 mi e of csah 8, 13.5 mi s of littlefork, mn		LF_TURB 10
MNPCA1	S003-998		nett lk r, .05 mi e of csah 8, 13.5 mi s of littlefork, mn		LFORKR 10
MPCAB	05RN107		Nett Lake River; 10.5m NW of Nett Lake, site is downstream unnamed forest road that runs 2.5m N of State Route 65		biocriteria 1
MPCAB	05RN107		Nett Lake River; 10.5m NW of Nett Lake, site is downstream unnamed forest road that runs 2.5m N of State Route 65		phase1 1
MPCAB	08RN008		Nett Lake River; Upstream of CR 8, 13 mi. SE of Littlefork		phase1 1

Aquatic life NS DO12 -- 0/20[4] DO5\_All FS 0/16[4] DO7 FS 0/4[2] +DOFinal IF[[0]] +pH FS 1/40[4] !!!Turbid\_TT\_TSS NS 4/22[4](4/17[4] 0/5[1] --/--[--]) +Un-ionzed ammonia FS 0/9[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo  
 Ecoregion norms OK +NO2&NO3 OK 0/13[2] +Phosphorus OK 0/12[2]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-522	3A	44.6	Beaver Brook	Headwaters to Little Fork R	2B, 3B	
MNPCA1	S003-999		beaver bk at mn-217, 2 mi e of littlefork, mn		LF_TURB	11
MNPCA1	S003-999		beaver bk at mn-217, 2 mi e of littlefork, mn		LFORKR	10
MPCAB	05RN026		Beaver Brook; upstream of Hwy 217, 9 miles SE of Littlefork		EMAP	1
MPCAB	05RN037		Beaver Brook; downstream of Hwy 217, 1.5 miles E of Littlefork		phase1	1
MPCAB	05RN037		Beaver Brook; downstream of Hwy 217, 1.5 miles E of Littlefork		EMAP	1
MPCAB	05RN171		Beaver Brook; downstream of CR 29, 10 miles SW of Ray		EMAP	1
MPCAB	08RN038		Beaver Brook; Upstream of Haney Rd, 14 mi. SE of Littlefork		phase1	1

Aquatic life FS DO12 -- 0/24[4] DO5\_All FS 0/20[4] DO7 FS 0/4[2] +DOFinal IF[[0]] +pH FS 2/50[4] +Turbid\_TT\_TSS FS 2/20[4](2/20[4] 0/6[1] --/--[--]) +Un-ionzed ammonia FS 0/9[1]

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

Ecoregion norms EX +NO2&NO3 OK 0/15[2] +Phosphorus EX 4/16[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-523	4A	9.9	Sturgeon River	E Br Sturgeon R to Dark R	2B, 3B	
MNPCA1	S001-496		sturgeon r at hwy 73, upst of dark r confl, n of chisholm		REGCOM	1
MNPCA1	S004-001		sturgeon r, .1 mi s of csah 65 and 13 mi n of chisholm, mn		LF_TURB	11
MPCAB	08RN048		Sturgeon River; Downstream of Hwy 73, 4.5 mi. S of Sturgeon		phase1	1

Aquatic life IF +pH FS 0/24[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-524	4A	22.0	Sturgeon River	Dark R to Bear R	2B, 3B	
MNPCA1	S001-495		sturgeon River at cr 652, 14 mi n of chisholm		REGCOM	1
MNPCA1	S004-871		sturgeon r at csah-107, 18 mi sw of orr, mn		LFORKR	10
MPCAB	05RN059		Sturgeon River; just upstream of CR 492, ~1.5 miles SW of Sturgeon		EMAP	1
MPCAB	05RN066		Sturgeon River; 15m W of Cook, 1m upstream of county Route 107		EMAP	2
MPCAB	08RN003		Sturgeon River; Downstream of CR 107, 4 mi. NE of Bear River		phase1	2

Aquatic life IF +pH FS 0/28[2] +Un-ionzed ammonia FS 0/9[1]

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 0/15[2] +Phosphorus OK 0/15[2]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
09030005-525	3A	7.9	Dark River	T60 R19W S30, east line to T60 R20W S10, north line	1B, 2A, 3B	
MNPCA1	S004-874		dark r at cr-688, 12.5 mi sw of cook, mn		LFORKR	10
MPCAB	08RN035		Sturgeon River; Downstream of CR 931, 3 mi. NW of Sturgeon		phase1	1
MPCAB	99NF120		Dark River; Center of site (X) is just upstream of CR. 688, 5 mi. S of Sturgeon		nlf	1
MPCAB	99NF120		Dark River; Center of site (X) is just upstream of CR. 688, 5 mi. S of Sturgeon		phase1	2

Aquatic life IF +pH FS 1/26[2] +Un-ionzed ammonia FS 0/9[1]

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/13[1]

Ecoregion norms OK +NO2&NO3 OK 1/13[1] +Phosphorus OK 1/13[1]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09030005-527</b>	<b>4A</b>	<b>12.0</b>	<b>Sturgeon River</b>	<b>Headwaters (Little Sturgeon Lk 69-1290-00) to E Br Sturg</b>	<b>2B, 3B</b>
MNPCA1	S004-870		sturgeon r at cr-766, 11.5 mi n of chisholm, mn		LFORKR 10
MPCAB	05RN020		Sturgeon River; downstream of CR 766, ~11 miles NW of Chisholm		EMAP 1
MPCAB	08RN001		Sturgeon River; Upstream of CR 766, 3 mi. E of Side Lake		phase1 1

Aquatic life IF +pH FS 0/22[2] +Un-ionzed ammonia FS 0/9[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo  
 Ecoregion norms OK +NO2&NO3 OK 0/12[2] +Phosphorus OK 0/12[2]

<b>09030005-588</b>	<b>3A</b>	<b>3.4</b>	<b>Flint Creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S003-997		flint cr at mn-1, 5 miles w of cook, mn		LF_TURB 12
MPCAB	08RN051		Flint Creek; Downstream of Hwy 1, 4 mi. W of Cook		phase1 2

Aquatic life IF +pH FS 1/28[3]

**HUC: 09030006 DNR Major: 77 HUC NAME: BIG FORK RIVER**

<b>09030006-501</b>	<b>2</b>	<b>9.3</b>	<b>Big Fork River</b>	<b>Bear R to Rainy R</b>	<b>2B, 3B</b>
MNPCA1	S000-173		Big Fork River bridge on mn-11, 4 mi e of loman		MERCLKS/ 5
MNPCA1	S000-173		Big Fork River bridge on mn-11, 4 mi e of loman		10
MNPCA1	S000-173		Big Fork River bridge on mn-11, 4 mi e of loman		BFRB 31
MNPCA1	S000-173		Big Fork River bridge on mn-11, 4 mi e of loman		SPEC 1
MNPCA1	S000-173		Big Fork River bridge on mn-11, 4 mi e of loman		MILE 48

Aquatic life NS =Arsenic FS 0/5[3] =Cadmium FS 0/5[3] +Chloride FS 0/9[2] =Copper FS 0/5[3] DO12 -- 2 74[11] DO5\_9am FS 0/13[8] DO5\_All FS 2/39[10] DO7 FS 0/35[11] +DOFinal IF[[5]] =Lead FS 0/5[3] =Mercury FS 0/5[3] +Nickel FS 0/5[3] =pH FS 0/90[9] !!!Turbid\_TT\_TSS NS 10/44[9](10/44[9] 0/1[1] --/--[--]) +Un-ionzed ammonia FS 0/38[8] =Zinc FS 0/5[3]  
 Aquatic recreation FS +E. coli FS 0/31Ind 0/3mo  
 Ecoregion norms EX +BOD5 OK 0/12[3] =NO2&NO3 EX 7/39[8] =Phosphorus OK 0/30[7]

<b>09030006-502</b>	<b>2</b>	<b>38.0</b>	<b>Big Fork River</b>	<b>Sturgeon R to Bear R</b>	<b>2B, 3B</b>
MNPCA1	S002-855		big fork r at cr1 at lindford		BFRB 31

Aquatic life IF DO12 -- 0/31[10] DO5\_All FS 0/14[8] DO7 FS 0/17[10] +DOFinal IF[[0]]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09030006-503</b>	<b>2</b>	<b>24.9</b>	<b>Big Fork River</b>	<b>Reilly Bk to Sturgeon R</b>	<b>2B, 3B</b>
MNPCA1	S002-856		big fork at sturgeon lndg, 5 mi w of big falls		RNC 6
MNPCA1	S002-856		big fork at sturgeon lndg, 5 mi w of big falls		BFRB 28
MNPCA1	S002-857		big fork r at grunwald lndg, 5.5 mi se big falls		BFRB 31
MNPCA1	S004-000		big fk r at big fk ave, .3 mi n of big falls, mn		LF_TURB 6
MNPCA1	S004-000		big fk r at big fk ave, .3 mi n of big falls, mn		LOADSTDY 42
MPCAB	05RN081		Big Fork River; 3.5 miles west of Bigfalls, @ Sturgeon River canoe landing		nutrients 1

Aquatic life FS +Chloride FS 0/41[2] DO12 -- 0/80[11] DO5\_9am FS 0/20[9] DO5\_All FS 0/49[10] DO7 FS 0/31[10] +DOFinal IF[[2]] =pH FS 0/104[4] +Turbid\_TT\_TSS FS 5/54[4](5/54[4] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/15[1]

Ecoregion norms EX +NO2&NO3 EX 8/49[4] +Phosphorus OK 4/49[4]

<b>09030006-504</b>	<b>2</b>	<b>39.6</b>	<b>Big Fork River</b>	<b>Deer Cr to Caldwell Bk</b>	<b>2B, 3B</b>
MNPCA1	S002-858		big fork r at cr5, 5 mi n ne of effie		BFRB 33
MPCAB	05RN046		Big Fork River; downstream of County Route 40 crossing, 1.5 miles SE of Craigville		EMAP 1
MPCAB	05RN060		Big Fork River; ~ 1mile upstream of County Route 40, ~10 miles NE of Big Fork		EMAP 1

Aquatic life IF DO12 -- 0/35[10] DO5\_All FS 0/17[9] DO7 FS 0/18[10] +DOFinal IF[[0]]

<b>09030006-505</b>	<b>2</b>	<b>40.2</b>	<b>Big Fork River</b>	<b>Moose Bk to Coon Cr</b>	<b>2B, 3B</b>
MNPCA1	S002-859		big fork r at cr237, 4.5 mi ne big fork		BFRB 33
MNPCA1	S002-860		big fork r at cr31 in wirt		BFRB 33
MNPCA1	S002-860		big fork r at cr31 in wirt		LF_TURB 6
MPCAB	05RN106		Big Fork River; just E of Big Fork, downstream of HWY 38		biocriteria 2
MPCAB	05RN175		Big Fork River; 11 mi W of Bigfork, ~ 1.5m upstream of County Route 14		EMAP 1

Aquatic life NS DO12 -- 2 41[10] DO5\_9am NS 1/15[8] DO5\_All FS 1/22[9] DO7 FS 1/19[10] +DOFinal IF[[0]] +pH FS 0/16[3]

<b>09030006-516</b>	<b>3A</b>	<b>34.5</b>	<b>Bear Creek</b>	<b>Headwaters to Big Fork R</b>	<b>2B, 3B</b>
MNPCA1	S001-150		bear r at csah-1, 4 mi e of lindford		LF_TURB 6

Aquatic life IF +pH FS 0/12[2]

<b>09030006-555</b>	<b>2</b>	<b>1.3</b>	<b>Bowstring River</b>	<b>Unnamed lk (Schoolhouse) to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S001-965		bowstring r 3 mi sw of dora lk, mn		CSMP 130
MNPCA1	S001-965		bowstring r 3 mi sw of dora lk, mn		MERCLKS/ 1
MNPCA1	S001-965		bowstring r 3 mi sw of dora lk, mn		1
MPCAB	05RN082		Bowstring River; 23 miles E of Black duck, up Stream of CR 145		biocriteria 1

Aquatic life FS =Turbid\_TT\_TSS FS 0/131[7](0/1[1] 0/130[7] --/--[--])

<b>09030006-611</b>	<b>3A</b>	<b>7.9</b>	<b>Bowerman Brook</b>	<b>Unnamed cr to Big Fork R</b>	<b>2B, 3B</b>
MNPCA1	S004-002		bowerman bk at mn-6, 8 mi nw of effie, mn		LF_TURB 6

Aquatic life IF +pH FS 0/12[2]

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

**HUC: 09030007      DNR Major: 78      HUC NAME: RAPID RIVER**

09030007-501    3D                    1.6                    Rapid River                    E Fk Rapid R to Rainy R                    2B, 3B

MNPCA1	S000-184	Rapid River at bridge on mn-11 at clementson		10
MNPCA1	S000-184	Rapid River at bridge on mn-11 at clementson	MERCLKS/	5
MNPCA1	S000-184	Rapid River at bridge on mn-11 at clementson	MILE	48

Aquatic life            NS            =Arsenic FS 0/5[3] =Cadmium FS 0/5[3] +Chloride FS 0/8[2] =Copper FS 0/5[3] DO12 -- 1/47[9] DO5\_9am FS 0/1[1] DO5\_All FS 0/27[5] DO7 FS 1/20[9] +DOFinal IF[[0]] =Lead FS 0/5[3] =Mercury FS 0/5[3] +Nickel FS 0/5[3] =pH FS 0/92[9] !!!Turbid\_TT\_TSS NS 8/44[9](8/44[9] 0/1[1] --/--[--]) +Un-ionized ammonia FS 0/39[8] =Zinc FS 0/5[3]

Aquatic recreation    FS            +E. coli FS 1/31Ind 0/3mo

Ecoregion norms        EX            +BOD5 OK 0/11[3] =NO2&NO3 EX 12/40[8] <>Phosphorus OK 2/30[6]

**HUC: 09030008      DNR Major: 79      HUC NAME: RAINY R-Baudette**

09030008-502    2                            9.0                    Winter Road River                    Peppermint Cr to Rainy R                    2B, 3B

MNPCA1	S000-069	winter road River mn-11 bridg 4 mi w of baudette	MILE	48
MNPCA1	S000-069	winter road River mn-11 bridg 4 mi w of baudette		10
MNPCA1	S000-069	winter road River mn-11 bridg 4 mi w of baudette	MERCLKS/	1
MPCAB	05RN102	Winter Road River; 4m W of Baudette, 1/4 m downstream of state Route 11	biocriteria	1

Aquatic life            NS            +Chloride FS 0/9[2] DO12 -- 2 47[9] DO5\_9am NS 1/3[2] DO5\_All FS 1/27[5] DO7 FS 1/20[9] +DOFinal IF[[0]] =pH FS 0/92[9] !!!Turbid\_TT\_TSS NS 6/46[9](6/46[9] 0/1[1] --/--[--]) +Un-ionized ammonia FS 0/39[8]

Aquatic recreation    FS            +E. coli FS 0/31Ind 0/3mo

Ecoregion norms        EX            +BOD5 OK 0/12[3] =NO2&NO3 EX 10/41[8] =Phosphorus OK 1/31[6]

09030008-505    4A                            6.6                    Rainy River                    Winter Road R to Lake of the Woods                    2B, 3A

MNPCA1	S001-961	rainy r, dock at public access off mn-172 in wheeler's pt	MERCLKS/	5
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Aquatic life            IF            =Arsenic FS 0/5[3] =Cadmium FS 0/5[3] =Copper FS 0/5[3] =Lead FS 0/5[3] =Mercury FS 0/5[3] +Nickel FS 0/5[3] =Zinc FS 0/5[3]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: RN**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

09030008-508		4A	0.1	Rainy River	Baudette R to RR bridge in Baudette	1C, 2Bd, 3A
MNPCA1	S000-063			RAINY River at international bridge at baudette		BAUDETTE 22
MNPCA1	S000-063			RAINY River at international bridge at baudette		MILE 48
MNPCA1	S000-063			RAINY River at international bridge at baudette		10
MNPCA1	S000-063			RAINY River at international bridge at baudette		LAKE_LAP 10
MNPCA1	S000-063			RAINY River at international bridge at baudette		LAKE 4
MNPCA1	S000-063			RAINY River at international bridge at baudette		SPEC 1

Aquatic life      FS      +Chloride FS 0/9[2] DO12 -- 0/68[9] DO5\_9am FS 0/16[3] DO5\_All FS 0/48[6] DO7 FS 0/20[9] +DOFinal IF[[1]] =pH FS 1/130[9] =Turbid\_TT\_TSS FS 4/65[9](4/65[9] 0/1[1] --/--[--]) +Un-ionized ammonia FS 0/39[8]  
 Aquatic recreation      FS      +E. coli FS 0/31Ind 0/3mo  
 Drinking Water      FS      +NO2&NO3 FS 0/40[8]  
 Ecoregion norms      OK      +BOD5 OK 0/12[3] =Phosphorus OK 2/44[8]

09030008-509		4A	4.4	Rainy River	RR bridge in Baudette to Winter Road R	2B, 3A
MNPCA1	S001-960			rainy r, dock at end of anchor bay road, 3 mi nw of baudette		MERCLKS/ 5

Aquatic life      IF      =Arsenic FS 0/5[3] =Cadmium FS 0/5[3] =Copper FS 0/5[3] =Lead FS 0/5[3] =Mercury FS 0/5[3] +Nickel FS 0/5[3] =Zinc FS 0/5[3]

09030008-518		3A	18.7	Baudette River	Headwaters to CSAH 35	2B, 3B
MNPCA1	S004-622			baudette r at csah-35, .5 mi s of baudette, mn		BAUDETTE 33
MNPCA1	S005-248			baudette r at cr-161, 4 mi so of baudette		BAUDETTE 17
MPCAB	05RN096			Baudette River; 1m S of Baudette, upstream of County Route 35		biocriteria 1

Aquatic life      NS      DO12 -- 6/34[3] DO5\_9am NS 4/24[3] DO5\_All NS 6/33[3] DO7 FS 0/1[1] !!!DOFinal NS[[2]] +pH FS 0/68[3] +Turbid\_TT\_TSS FS 2/34[3](2/34[3] --/--[--] --/--[--])

09030008-519		5C	1.6	Baudette River	CSAH 35 to Rainy R	2B, 3B
MNPCA1	S000-946			Baudette River downstream of mn-11 at baudette		MERCLKS/ 5
MNPCA1	S000-946			Baudette River downstream of mn-11 at baudette		BAUDETTE 33

Aquatic life      FS      =Arsenic FS 0/5[3] =Cadmium FS 0/5[3] =Copper FS 0/5[3] DO12 -- 1/34[3] DO5\_9am FS 1/21[2] DO5\_All FS 1/33[3] \$DO7 FS 0/1[1] \$DOFinal FS[[2]] =Lead FS 0/5[3] =Mercury FS 0/5[3] +Nickel FS 0/5[3] +pH FS 0/68[3] +Turbid\_TT\_TSS FS 2/33[2](2/33[2] --/--[--] --/--[--]) =Zinc FS 0/5[3]

**HUC: 09030009      DNR Major: 80      HUC NAME: LAKE of the WOODS**

AUID	Category	Miles	Reach Name	Basin: RN	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>09030009-501</b>	<b>5C</b>	<b>12.7</b>	<b>Williams Creek</b>	<b>Headwaters to Zippel Cr</b>	<b>2B, 3B</b>
MNPCA1	S000-795		williams ck at cr-61 1 mi ne of williams		SE_LOW 29
MNPCA1	S000-906		williams ck/cd 1 csah-12 5.5 mi ne of williams		SE_LOW 27
MNPCA1	S000-907		williams ck/cd1-nw corner of s4 ne of williams		SE_LOW 26
MNPCA1	S000-992		williams ck/cd 1-nw corner of s2 ne of williams		SE_LOW 20
MNPCA1	S003-697		williams ck at csah-2, 0.5 mi s of williams		SE_LOW 16

Aquatic life NS DO12 -- 3/32[4] DO5\_9am NS 3/24[3] DO5\_All FS 3/31[4] \$DO7 FS 0/1[1] \$DOFinal NS[[2]] +pH FS 0/56[3] !!!Turbid\_TT\_TSS NS 3/28[3](3/28[3] 0/4[1] --/--[--])

<b>09030009-503</b>	<b>3A</b>	<b>27.9</b>	<b>Warroad River, West Branch</b>	<b>Headwaters to Warroad R</b>	<b>2B, 3B</b>
MNPCA1	S004-289		w br warroad r at csah-12, 6 mi sw of warroad		ROSEAU 32
MNPCA1	S004-290		w br warroad r on csah-5 brg in beltrami island state forest		ROSEAU 32
MPCAB	05RN118		West Branch Warroad River; upstream of CR 134, 5 miles SW of Warroad		biocriteria 1

Aquatic life FS DO12 -- 0/31[6] DO5\_9am FS 0/1[1] DO5\_All FS 0/25[6] DO7 FS 0/6[4] +DOFinal IF[[0]] +pH FS 0/54[6] +Turbid\_TT\_TSS FS 0/32[6](0/32[6] --/--[--] --/--[--])

<b>09030009-504</b>	<b>3A</b>	<b>33.2</b>	<b>Warroad River, East Branch</b>	<b>Headwaters to Warroad R</b>	<b>2B, 3B</b>
MNPCA1	S004-295		e br warroad r on csah-12, 5 1/4 mi s of warroad		ROSEAU 32
MNPCA1	S004-296		e br warroad r at roosevelt forest rd in beltrami island sf		ROSEAU 30
MPCAB	05RN115		East Branch Warroad River; In Beltrami Island State Forest, 12 miles SE of Warroad		biocriteria 1

Aquatic life FS DO12 -- 2 30[6] DO5\_All FS 2/24[6] DO7 FS 0/6[4] +DOFinal IF[[0]] +pH FS 0/52[6] +Turbid\_TT\_TSS FS 0/32[6](0/32[6] --/--[--] --/--[--])

<b>09030009-505</b>	<b>3A</b>	<b>14.7</b>	<b>Willow River</b>	<b>Headwaters to Lake of the Woods</b>	<b>2B, 3B</b>
MNPCA1	S004-293		willow ck on csah-12, 10 mi e of warroad		ROSEAU 29
MPCAB	05RN188		Willow Creek; 11 miles SE of Warroad, upstream of County Road 140		EMAP 1

Aquatic life NS DO12 -- 7/28[6] DO5\_All NS 7/22[6] DO7 FS 0/6[4] !!!DOFinal NS[[0]] +pH FS 0/48[6] !!!Turbid\_TT\_TSS NS 3/29[6](3/29[6] --/--[--] --/--[--])

<b>09030009-515</b>	<b>3A</b>	<b>6.0</b>	<b>Zippel Creek, West Branch (County Dite</b>	<b>Headwaters to Zippel Bay (Lake of the Woods)</b>	<b>2C</b>
MNPCA1	S003-699		w br zippel ck/cd1 at cr-54, 6.25 mi n of williams		SE_LOW 15

Aquatic life IF +pH FS 0/30[1]

<b>09030009-518</b>	<b>3A</b>	<b>0.1</b>	<b>Tomato Creek</b>	<b>T162 R34W S34, south line to east line</b>	<b>2B, 3B</b>
MNPCA1	S003-696		tomato ck at intersec of cr-58/cr-92, 3.25 mi nw williams		SE_LOW 15

Aquatic life IF +pH FS 0/30[1]

<b>09030009-527</b>	<b>3A</b>	<b>1.6</b>	<b>Unnamed creek</b>	<b>Unnamed cr to W Br Zippel Cr</b>	<b>2B, 3B</b>
MNPCA1	S003-700		unn trib to w br zippel ck/cd1 at cr-250, 6.25 mi n williams		SE_LOW 12

Aquatic life IF +pH FS 0/24[1]

<b>09030009-529</b>	<b>3A</b>	<b>1.5</b>	<b>Unnamed ditch</b>	<b>Unnamed ditch to W Br Zippel Cr</b>	<b>2B, 3B</b>
MNPCA1	S003-695		w br zippel ck/cd1 intersec csah-2/csah-8 5.25 mi n williams		SE_LOW 15

Aquatic life IF +pH FS 0/30[1]



AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

**HUC: 07030001      DNR Major: 34      HUC NAME: ST. CROIX R-Upper**

<b>07030001-504</b>	<b>5B</b>	<b>4.6</b>	<b>St Croix River</b>	<b>Clam R (WI) to Sand Cr</b>	<b>1B, 2Bd, 3C</b>
MPCAB	04SC009		St. Croix River; @ St. Croix State Park		methods comparison 1
MPCAB	96SC089		St. Croix River; @ St. Croix State Park		biocriteria 2

Aquatic recreation IF +E. coli IF 0/3Ind 0/0mo

<b>07030001-506</b>	<b>5B</b>	<b>7.5</b>	<b>St Croix River</b>	<b>Lower Tamarack R to Crooked Cr</b>	<b>1B, 2Bd, 3C</b>
MNPCA1	S000-056		st. croix r at mn-48 br, 3.5 mi w of danbury, wi		MILE 45
MNPCA1	S000-056		st. croix r at mn-48 br, 3.5 mi w of danbury, wi		MERCLKS/ 5
MNPCA1	S000-056		st. croix r at mn-48 br, 3.5 mi w of danbury, wi		LOADSTDY 38
MNPCA1	S000-056		st. croix r at mn-48 br, 3.5 mi w of danbury, wi		LEGSTR 1
MNPCA1	S000-056		st. croix r at mn-48 br, 3.5 mi w of danbury, wi		14

Aquatic life FS +Arsenic FS 0/8[2] +Chloride FS 0/41[2] +Chromium FS 0/6[2] +Copper FS 0/6[2] DO12 -- 1/80[8] DO5\_9am FS 0/2[1] DO5\_All FS 0/46[6] DO7 FS 1/34[8] +DOFinal IF[[2]] +Lead FS 0/6[2] +Nickel FS 0/6[2] =pH FS 2/162[8] =Turbid\_TT\_TSS FS 3/83[8](3/83[8] --/--[--] --/--[--]) +Un-ionzed ammonia FS 0/43[8] +Zinc FS 0/6[2]

Aquatic recreation FS +E. coli FS 1/28Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/76[9]

Ecoregion norms EX +BOD5 OK 0/11[3] <>Phosphorus EX 8/71[7]

<b>07030001-509</b>	<b>2</b>	<b>8.3</b>	<b>Upper Tamarack River</b>	<b>MN/WI State border to St Croix R</b>	<b>1B, 2Bd, 3C</b>
MPCAB	06SC031		Upper Tamarack River; Upstream of CR 25, just NE of Marksville		EMAP 1
MPCAB	96SC037		Upper Tamarack River; Primitive Rd., 2 mi. S.E. of Cloverton		EMAP 2

Aquatic life IF =Chloride FS 0/15[2] =pH FS 1/36[4] +Un-ionzed ammonia FS 0/15[2]

Drinking Water FS +Nitrite FS 0/15[2] +NO2&NO3 FS 0/18[4]

Ecoregion norms EX =Phosphorus EX 7/18[4]

<b>07030001-510</b>	<b>2</b>	<b>7.9</b>	<b>Lower Tamarack River</b>	<b>Hay Cr to St Croix R</b>	<b>1B, 2Bd, 3C</b>
Aquatic life	IF		=Chloride FS 0/15[2] =pH FS 1/28[2] +Un-ionzed ammonia FS 0/14[2]		
Drinking Water	FS		+Nitrite FS 0/15[2] +NO2&NO3 FS 0/15[2]		
Ecoregion norms	EX		=Phosphorus EX 7/15[2]		

<b>07030001-511</b>	<b>2</b>	<b>21.6</b>	<b>Hay Creek</b>	<b>MN/WI State border to Lower Tamarack R</b>	<b>1B, 2Bd, 3C</b>
MNPCA1	S004-316		hay ck, 250 yds no. of csah-32, 25 mi e of sandstone		CSMP 69
MPCAB	06SC027		Hay Creek; 1/2 mile E. of Gandy Dancer State Trail, 2 miles N. of Kingsdale in Nemadji State Forest		EMAP 1

Aquatic life FS +Turbid\_TT\_TSS FS 0/70[3](0/1[1] 0/69[3] --/--[--])

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030001-514</b>	<b>2</b>	<b>25.5</b>	<b>Lower Tamarack River</b>	<b>Headwaters to McDermott Cr</b>	<b>2B, 3B</b>		
MNPCA1	S004-104		lower tamarack r on unn rd, 5.5 mi se of kerrick				3
MNPCA1	S004-104		lower tamarack r on unn rd, 5.5 mi se of kerrick		MERCLKS/		5
MPCAB	06SC059		Lower Tamarack River; Downstream of CR 153, 9 miles SE of Bruno		EMAP		1
MPCAB	99NF046		Lower Tamarack River; ~0.2 miles S of CR. 153, 8 mi. SE of Bruno		nlf		1
Aquatic life	IF		+Arsenic FS 0/8[2] +Chromium FS 0/6[2] +Copper FS 0/6[2] +Lead FS 0/6[2] +Nickel FS 0/6[2] +pH FS 3/14[4] +Zinc FS 0/6[2]				
<b>07030001-536</b>	<b>3D</b>	<b>6.0</b>	<b>Crooked Creek, West Fork</b>	<b>T42 R18W S21, north line to T41 R18W S2, south line</b>	<b>2B, 3B</b>		
MNPCA1	S001-643		w fk crooked bk near csah-22, 12 mi se of sandstone		CSMP		128
Aquatic life	FS		=Turbid_TT_TSS FS 12/128[6](--/--[--] 12/128[6] --/--[--])				
<b>07030001-537</b>	<b>3A</b>	<b>2.4</b>	<b>Crooked Creek, West Fork</b>	<b>T41 R18W S11, north line to Crooked Cr</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S001-645		w fk crooked ck near cr-172 brg, 14 mi se of sandstone		CSMP		228
Aquatic life	FS		+Turbid_TT_TSS FS 4/228[5](--/--[--] 4/228[5] --/--[--])				
<b>07030001-538</b>	<b>3A</b>	<b>5.0</b>	<b>Sand Creek</b>	<b>Headwaters to T44 R18W S27, south line</b>	<b>2B, 3B</b>		
MNPCA1	S003-374		sand r n of cr-153. 3.5 mi e of bruno, mn		CSMP		208
Aquatic life	FS		+Turbid_TT_TSS FS 0/208[4](--/--[--] 0/208[4] --/--[--])				
<b>07030001-610</b>		<b>30.7</b>	<b>Sand Creek</b>	<b>T43 R19W S25, north line to St Croix R</b>	<b>2B, 3B</b>		
MNPCA1	S001-650		sand ck at csah-30 brg, 7 mi e of sandstone		CSMP		79
MNPCA1	S003-774		sand ck at cr-32, 4.7 mi e of askov, mn		CSMP		36
MPCAB	06SC019		Sand Creek; 13miles NE of Pine City In St. Croix State Park		EMAP		1
MPCAB	06SC030		Sand Creek; Downstream of CR 30, 6 miles SE of Sandstone		EMAP		1
Aquatic life	FS		+Turbid_TT_TSS FS 0/117[4](0/2[1] 0/115[3] --/--[--])				

HUC: 07030003

DNR Major: 35

HUC NAME: KETTLE RIVER

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030003-501	5A	6.7	Grindstone River	Grindstone Reservoir to Kettle R	2B, 3B
MNPCA1	S001-264		grindstone r on cr-140, east side of hinkley, mn		GRINDSTN 11
MNPCA1	S001-270		grindstone r at mn-48 br 4 mi e of hinkley		GRINDSTN 30
MNPCA1	S001-271		grindstone r at cr-140 br, 2.5 mi e of hinkley		SULDIS 3

Aquatic life FS +Chloride FS 0/42[2] DO12 -- 0/27[2] DO5\_All FS 0/21[2] DO7 FS 0/6[2] +DOFinal IF[[1]] +pH FS 0/56[2] +Turbid\_TT\_TSS FS 1/24[2](1/24[2] 0/1[1] --/--[--]) +Un-ionized ammonia FS 0/38[2]

Aquatic recreation NS !!!E. coli NS 2/28Ind 1/4mo

Ecoregion norms EX +NO2&NO3 EX 29/43[2] +Phosphorus EX 25/31[2]

07030003-502	5C	17.0	Kettle River	Grindstone R to St Croix R	2B, 3B
MNPCA1	S000-121		kettle r bridge on mn-48, 4.5 mi e of hinkley		LEGSTR 1
MNPCA1	S000-121		kettle r bridge on mn-48, 4.5 mi e of hinkley		GRINDSTN 4
MNPCA1	S000-121		kettle r bridge on mn-48, 4.5 mi e of hinkley		MILE 45
MNPCA1	S000-121		kettle r bridge on mn-48, 4.5 mi e of hinkley		LOADSTDY 49
MNPCA1	S000-121		kettle r bridge on mn-48, 4.5 mi e of hinkley		14
MNPCA1	S000-121		kettle r bridge on mn-48, 4.5 mi e of hinkley		STCROIX 3
MNPCA1	S000-121		kettle r bridge on mn-48, 4.5 mi e of hinkley		MERCLKS/ 5
MPCAB	06SC062		Kettle River; Downstream of Hwy 48, 5 miles SE of Hinckley		EMAP 1
MPCAB	96SC033		Kettle River; @ Kennedy Brook in St. Croix State Park		EMAP 1

Aquatic life FS +Arsenic FS 0/8[2] =Chloride FS 0/52[3] +Chromium FS 0/6[2] +Copper FS 0/6[2] DO12 -- 1/96[8] DO5\_9am FS 0/3[1] DO5\_All FS 1/58[6] DO7 FS 0/38[8] +DOFinal IF[[3]] +Lead FS 0/6[2] +Nickel FS 0/6[2] =pH FS 2/198[8] =Turbid\_TT\_TSS FS 5/95[8](5/95[8] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/43[8] +Zinc FS 0/6[2]

Aquatic recreation FS +E. coli FS 2/44Ind 0/7mo

Ecoregion norms EX =BOD5 EX 2/15[4] =NO2&NO3 EX 51/82[9] =Phosphorus EX 33/85[8]

07030003-505	5C	4.9	Kettle River	Moose Horn R to Willow R	2B, 3C
MNPCA1	S001-642		kettle r at csah-52 brg, 1.5 mi sw of sturgeon lk		CSMP 52
MNPCA1	S003-786		kettle r .2 mi upst of csah-52, 1.5 mi sw of sturgeon lk, mn		CSMP 113

Aquatic life FS =Turbid\_TT\_TSS FS 0/165[6](--/--[--] 0/165[6] --/--[--])

07030003-512	3A	17.0	Kettle River, West Branch	Headwaters (Section One Lk 09-0069-00) to Kettle R	2B, 3B
MNPCA1	S004-102		kettle r, wb at mn-73, 4 mi nw of kettle r		MERCLKS/ 5
MNPCA1	S004-102		kettle r, wb at mn-73, 4 mi nw of kettle r		3
MPCAB	06SC040		West Branch Kettle River; Upstream of CR 22, 12 miles NW of Kettle River		EMAP 1

Aquatic life IF +Arsenic FS 0/8[2] +Chromium FS 0/6[2] +Copper FS 0/6[2] +Lead FS 0/6[2] +Nickel FS 0/6[2] +pH FS 2/10[2] +Zinc FS 0/6[2]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07030003-515</b>	<b>3A</b>	<b>29.1</b>	<b>Pine River</b>		<b>Headwaters to Kettle R</b>		<b>2B, 3B</b>
MNPCA1	S004-889		pine r at mouth to Pine Lake, 8.7 mi sw of finlayson, mn			PINE-S	10
MNPCA1	S004-896		pine r at pine r rd, 1 mi w of rutledge, mn			PINE-S	2
Aquatic life	IF		+pH FS 0/20[1]				
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo				
Ecoregion norms	OK		+NO2&NO3 OK 1/11[1]				
<b>07030003-516</b>	<b>5A</b>	<b>17.3</b>	<b>Grindstone River, South Branch</b>		<b>Headwaters to Grindstone R</b>		<b>2B, 3B</b>
MNPCA1	S001-263		s br grindstone r, 1.6 mi nw of hinkley, mn			SULDIS	3
MNPCA1	S001-263		s br grindstone r, 1.6 mi nw of hinkley, mn			GRINDSTN	30
MNPCA1	S001-263		s br grindstone r, 1.6 mi nw of hinkley, mn			MDAWQMP	8
Aquatic life	FS		+Chloride FS 0/31[2] DO12 -- 0/29[2] DO5_All FS 0/23[2] DO7 FS 0/6[2] +DOFinal IF[[1]] +pH FS 1/60[2] +Turbid_TT_TSS FS 0/27[2](0/27[2] 0/5[2] --/--[--]) +Un-ionized ammonia FS 0/29[2]				
Aquatic recreation	NS		!!!E. coli NS 2/28Ind 2/4mo				
Ecoregion norms	EX		+NO2&NO3 OK 1/32[2] +Phosphorus EX 35/38[2]				
<b>07030003-517</b>	<b>5C</b>	<b>7.0</b>	<b>Kettle River</b>		<b>Skunk Cr to Grindstone R</b>		<b>2B, 3B</b>
MNPCA1	S001-651		kettle r, 3.5 mi ne of hinckley			CSMP	19
MPCAB	96SC053		Kettle River; 4 mi. N.E. of Hinckley			EMAP	1
Aquatic life	FS		=Turbid_TT_TSS FS 0/20[2](0/1[1] 0/19[1] --/--[--])				
<b>07030003-521</b>	<b>3A</b>	<b>3.3</b>	<b>Moose Horn River</b>		<b>W Br Moose Horn R to Hanging Horn Lk</b>		<b>2B, 3B</b>
MNPCA1	S005-297		moose horn r upstm of csah-6 in the city park in barnum			CMB	3
Aquatic recreation	IF		+E. coli IF 0/3Ind 0/0mo				
<b>07030003-526</b>	<b>3A</b>	<b>5.9</b>	<b>Judicial Ditch 1</b>		<b>Headwaters to S Br Grindstone R</b>		<b>2B, 3B</b>
MNPCA1	S004-894		jd1 at unn st (emma rd) 5 mi nw of hinckley, mn			PINE-S	7
MPCAB	98SC017		Judicial ditch #1; Just downstream of CR 140, 4 mi. N.W. of Hinckley			ref. ditches	1
Aquatic life	NS		!!!pH NS 8/16[2]				
Aquatic recreation	IF		+E. coli IF 0/7Ind 0/0mo				
<b>07030003-528</b>	<b>5C</b>	<b>12.9</b>	<b>Kettle River</b>		<b>Pine R to Dam (at Sandstone)</b>		<b>2B, 3C</b>
MNPCA1	S001-437		kettle r at sandstone, mn			MDAWQMP	1
MNPCA1	S001-437		kettle r at sandstone, mn			CSMP	51
MPCAB	06SC014		Kettle River; Downstream of Hwy 23, 2 miles N. of Sandstone. In Banning State Park			EMAP	1
Aquatic life	FS		=Turbid_TT_TSS FS 0/52[5](0/1[1] 0/51[4] --/--[--])				

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030003-531</b>	<b>2</b>	<b>13.1</b>	<b>Moose Horn River</b>	<b>Hanging Horn Lk to Kettle R</b>	<b>2B, 3B</b>		
MNPCA1	S001-328		moose horn r 1 mi sw of n barnum, mn.			CSMP	207
MNPCA1	S001-674		moose horn r at csah-46 brg, 0.5 mi w of sturgeon lk			CSMP	43
MPCAB	06SC044		Moose Horn River; Downstream of CR 8, in Mosse Lake			EMAP	1

Aquatic life FS =Turbid\_TT\_TSS FS 0/245[9](0/1[1] 0/244[9] --/--[--])

<b>07030003-541</b>	<b>3A</b>	<b>2.1</b>	<b>Grindstone River, North Branch</b>	<b>Headwaters to Grindstone Lk</b>	<b>2B, 3B</b>		
MNPCA1	S004-891		grindstone r, n br at n grindstone rd 7 mi w of sandstone,mn			CMB	25
MNPCA1	S004-891		grindstone r, n br at n grindstone rd 7 mi w of sandstone,mn			PINE-S	10

Aquatic life FS +pH FS 2/20[1] +Turbid\_TT\_TSS FS 1/35[3](--/--[--] 1/35[3] --/--[--])

Aquatic recreation FS +E. coli FS 0/19Ind 0/1mo

Ecoregion norms OK +NO2&NO3 OK 0/10[1]

<b>07030003-543</b>	<b>3A</b>	<b>2.0</b>	<b>Grindstone River, North Branch</b>	<b>Grindstone Lk to T42 R21W S28, south line</b>	<b>1B, 2A, 3B</b>		
MNPCA1	S001-647		n br grindstone r near csah-27, 7 mi w of sandstone			CSMP	22
MNPCA1	S004-379		n br grindstone r at w grindstone rd, 7 mi sw of sandstone			CMB	14
MNPCA1	S004-379		n br grindstone r at w grindstone rd, 7 mi sw of sandstone			CSMP	51
MNPCA1	S004-379		n br grindstone r at w grindstone rd, 7 mi sw of sandstone			PINE-S	10
MPCAB	06SC034		North Fork Grindstone River; Upstream of CR 26, 7 miles NW of Hinckley			EMAP	1

Aquatic life FS +pH FS 0/22[2] =Turbid\_TT\_TSS FS 0/85[4](0/1[1] 0/84[4] --/--[--])

Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/9[2]

<b>07030003-544</b>	<b>5C</b>	<b>7.0</b>	<b>Grindstone River, North Branch</b>	<b>T42 R21W S33, north line to Grindstone R</b>	<b>2B, 3B</b>		
MNPCA1	S001-262		n br grindstone r, 1.9 mi nw of hinkley, mn			GRINDSTN	30
MNPCA1	S001-262		n br grindstone r, 1.9 mi nw of hinkley, mn			SULDIS	3
MNPCA1	S004-892		grindstone r, n br at friesland rd, 7 mi sw of sandstone, mn			PINE-S	10

Aquatic life FS +Chloride FS 0/31[2] DO12 -- 0/34[2] DO5\_9am FS 0/1[1] DO5\_All FS 0/28[2] DO7 FS 0/6[2] +DOFinal IF[[1]] +pH FS 0/70[2] +Turbid\_TT\_TSS FS 0/26[2](0/26[2] 0/7[2] --/--[--]) +Un-ionzed ammonia FS 0/27[2]

Aquatic recreation NS !!!E. coli NS 0/34Ind 1/4mo

Ecoregion norms OK +NO2&NO3 OK 3 42[2] +Phosphorus OK 2/31[2]

<b>07030003-546</b>	<b>3A</b>	<b>3.2</b>	<b>Unnamed creek</b>	<b>Miller Lk to Grindstone Lk</b>	<b>2B, 3B</b>		
MNPCA1	S002-245		unn str to grindstone lk, 6.5 mi w of sandstone, mn			CSMP	5
MNPCA1	S002-245		unn str to grindstone lk, 6.5 mi w of sandstone, mn			PINE-S	10
MNPCA1	S005-325		unn str (cd-1) at csah-17, 5.7 mi w of sandstone, mn			PINE-S	11

Aquatic life IF +pH FS 4/20[1]

Aquatic recreation IF +E. coli IF 1/11Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 3 12[1]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030003-550</b>	<b>3A</b>	<b>3.7</b>	<b>Spring Creek</b>		<b>Headwaters to Grindstone R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-895		spring cr at lone pine rd, 3 mi ne of hinckley, mn			PINE-S	8
Aquatic life	IF		+pH FS 0/14[1]				
Aquatic recreation	IF		+E. coli IF 0/8Ind 0/0mo				
Drinking Water	FS		+NO2&NO3 FS 0/7[1]				
<b>07030003-562</b>	<b>2</b>	<b>2.3</b>	<b>Unnamed creek</b>		<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-514		unn trib to kettle r n of mn-123, 1.5 mi e of sandstone, mn			CSMP	39
Aquatic life	FS		=Turbid_TT_TSS FS 0/39[3](--/--[--] 0/39[3] --/--[--])				
<b>07030003-601</b>		<b>0.4</b>	<b>Unnamed creek</b>		<b>Headwaters to Grindstone Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-890		unn str at n grindstone rd, 6.5 mi w of sandstone, mn			PINE-S	10
Aquatic life	IF		+pH FS 1/20[1]				
Aquatic recreation	IF		+E. coli IF 0/9Ind 0/0mo				
<b>07030003-602</b>		<b>2.3</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Pine Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-893		unn str at csah-23, 6.9 mi w of finlayson, mn			PINE-S	10
Aquatic life	IF		+pH FS 1/20[1]				
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo				

**HUC: 07030004      DNR Major: 36      HUC NAME: SNAKE RIVER**

<b>07030004-503</b>	<b>4A</b>	<b>12.8</b>	<b>Snake River</b>		<b>Mud Cr to Mission Cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-648		snake r, 2 mi e of grasston			CSMP	78
MNPCA1	S002-587		snake River at csah-7 3.5 mi west of pine city			MDAWQMP	1
MNPCA1	S002-587		snake River at csah-7 3.5 mi west of pine city			SNAKEWEP	42
MPCAB	06SC010		Snake River; Downstream of Hwy 107, just E. of Grasston			emap/phase1	1
MPCAB	06SC054		Snake River; Downstream of Hwy 107, just E. of Grasston			EMAP	1
MPCAB	96SC019		Snake River; 2 mi. W. of Grasston			EMAP	1
Aquatic life	FS		=Chloride FS 0/20[2] DO12 -- 2 40[3] DO5_All FS 2/24[3] DO7 FS 0/16[3] +DOFinal IF[[2]] =pH FS 2/80[3] =Turbid_TT_TSS FS 0/159[7](0/3[1] 0/78[4] 0/78[2])				
Ecoregion norms	OK		=NO2&NO3 OK 2/25[3] =Phosphorus OK 2/43[4]				

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030004-506	4A	25.0	Snake River	Chelsey Bk to Knife R	2B, 3B
MNPCA1	S004-317		snake r, btwn River dr & w wildlife dr, 12 mi ne of mora		CSMP 56
MNPCA1	S004-703		snake r at csah 19, 5.6 mi ne of mora, mn		CSMP 16
MPCAB	06SC116		Snake River; Upstream of CR 19, 6 miles NE of Mora		phase1 1
MPCAB	06SC118		Snake River; South of CR 24, 3 miles E of Warman		phase1 1
MPCAB	96SC007		Snake River; .5 mi. downstream of C.S.A.H. 3, S.W. of Warman		EMAP 1

Aquatic life FS +Turbid\_TT\_TSS FS 0/71[2](0/3[1] 0/68[2] --/--[--])

07030004-508	5B	32.0	Snake River	Headwaters to Hay Cr	2B, 3B
MNPCA1	S001-727		snake r at csah 18, 2.35 mi se of mcgrath, mn		CSMP 66
MNPCA1	S001-727		snake r at csah 18, 2.35 mi se of mcgrath, mn		MERCLKS/ 5
MNPCA1	S001-727		snake r at csah 18, 2.35 mi se of mcgrath, mn		SLAKEWEP 46
MNPCA1	S001-727		snake r at csah 18, 2.35 mi se of mcgrath, mn		3
MNPCA1	S003-451		snake r 0.2 mi e of FLETCHER rd, 3 mi se of mcgrath, mn		CSMP 20
MPCAB	06SC006		Snake River; Snake River County Park, 3 miles NE of Woodland		emap/phase1 1
MPCAB	06SC132		Snake River; @ Hwy 18, 2 miles SE of McGrath		phase1 1
MPCAB	06SC135		Snake River; Downstream of Hwy 65, just N. of Pliny		phase1 1
MPCAB	96SC050		Snake River; Near C.S.A.H. 2, 1 mi. S.W. of Pliny		EMAP 2
MPCAB	96SC052		Snake River; Near S.H. 18, 2 mi. S.E. of McGrath		UMN research 1
MPCAB	96SC069		Snake River; CR 2, 2.5 mi. E. of Pliny		phase1 1

Aquatic life FS +Arsenic FS 0/8[2] =Chloride FS 0/24[3] +Chromium FS 0/6[2] +Copper FS 0/6[2] DO12 -- 0/37[7] DO5\_9am FS 0/4[2] DO5\_All FS 0/27[7] DO7 FS 0/10[3] +DOFinal IF[[1]] +Lead FS 0/6[2] +Nickel FS 0/6[2] =pH FS 4/74[7] =Turbid\_TT\_TSS FS 0/96[8](0/5[4] 0/91[6] --/--[--]) +Zinc FS 0/6[2]

Ecoregion norms EX =NO2&NO3 OK 0/34[7] =Phosphorus EX 17/47[7]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030004-511	5C	13.9	Ann River	Headwaters (Ann Lk 33-0040-00) to Snake R	2B, 3B
MNPCA1	S003-530		ann r at cr-12 (200th ave), 3.2 mi w of mora, minnesota		SNAKEWEP 41
MNPCA1	S003-530		ann r at cr-12 (200th ave), 3.2 mi w of mora, minnesota		ANNR-L 21
MNPCA1	S003-530		ann r at cr-12 (200th ave), 3.2 mi w of mora, minnesota		SNAKEWBT 3
MNPCA1	S003-782		ann r at cr-14, 3 mi sw of mora, mn		ANNR-L 22
MNPCA1	S003-782		ann r at cr-14, 3 mi sw of mora, mn		CSMP 12
MNPCA1	S003-782		ann r at cr-14, 3 mi sw of mora, mn		SNAKEWBT 3
MNPCA1	S004-066		ann r at mn-23, 2 mi sw of mora		SNAKEWBT 28
MNPCA1	S004-392		ann r at 210th ave brg (csah-6), 3.5 mi w of mora		ANNR-L 13
MNPCA1	S004-392		ann r at 210th ave brg (csah-6), 3.5 mi w of mora		SNAKEWBT 1
MPCAB	06SC122		Ann River; Downstream of Hwy 23, 2 miles SW of Mora		phase2 1
MPCAB	06SC122		Ann River; Downstream of Hwy 23, 2 miles SW of Mora		phase1 1
MPCAB	06SC136		Ann River; Upstream of CR 12, 3 miles W. of Mora		phase1 1
MPCAB	06SC136		Ann River; Upstream of CR 12, 3 miles W. of Mora		phase2 1
MPCAB	96SC021		Ann River; Near C.S.A.H. 12, 2 mi. W. of Mora		TMDL 1
MPCAB	98SC019		Ann River; .5 mi. upstream of CSAH 14, 4 mi. SW of Mora		phase2 2

Aquatic life NS =Chloride FS 0/45[5] DO12 -- 7/96[5] DO5\_9am NS 4/44[5] DO5\_All FS 6/68[5] DO7 FS 1/28[4] !!DOFinal NS[[4]] =pH FS 2/190[5] =Turbid\_TT\_TSS FS 0/44[3](0/44[3] 0/22[4] 0/86[3]) +Un-ionized ammonia FS 0/16[2]

Aquatic recreation NS !!!E. coli NS 4/38Ind 3/6mo

Ecoregion norms OK =NO2&NO3 OK 0/53[5] =Phosphorus OK 0/73[5]

07030004-512	5C	10.7	Groundhouse River	S Fk Groundhouse R to Snake R	2B, 3B
MNPCA1	S003-532		groundhouse r at csah-12 (harbor st), 3.6 mi w brunswick, mn		GROUNDHS 25
MNPCA1	S003-532		groundhouse r at csah-12 (harbor st), 3.6 mi w brunswick, mn		SNAKEWEP 33
MPCAB	03SC001		Groundhouse River; Downstream of C.R. 12		prob. invest. 1
MPCAB	06SC061		Groundhouse River; Upstream of Hwy 65, 1 mile W. of Brunswick		emap/phase1 1

Aquatic life NS =Chloride FS 0/16[3] DO12 -- 1/33[5] DO5\_9am NS 1/18[2] DO5\_All FS 1/23[4] DO7 FS 0/10[2] +DOFinal IF[[2]] =pH FS 0/114[5] =Turbid\_TT\_TSS FS 1/71[5](1/13[3] 0/8[1] 0/50[2])

Aquatic recreation IF \$E. coli IF 1/7Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 14/21[5] =Phosphorus OK 1/25[4]



AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030004-513	5A	29.6	Groundhouse River	Headwaters to S Fk Groundhouse R	2B, 3B	
MNPCA1	S001-097		groundhouse r at csah-10 2m se of ogilvie		GROUNDHS	30
MNPCA1	S001-099		groundhouse r at mn 23 br 0.5 m e of ogilvie		GROUNDHS	30
MNPCA1	S001-152		Groundhouse River on cr-55, 1 mile nw of ogilvie		GROUNDHS	30
MNPCA1	S003-640		groundhouse r at csah-10, 3.8 mi nw of ogilvie, minnesota		GROUNDHS	30
MNPCA1	S003-641		groundhouse r at kanabec fr, 5.2 mi nw of ogilvie, minnesota		GROUNDHS	30
MPCAB	03SC002		Groundhouse River; downstream of 150th Ave., 2 mi. S.E. of Ogilvie		UMN research	1
MPCAB	03SC002		Groundhouse River; downstream of 150th Ave., 2 mi. S.E. of Ogilvie		prob. invest.	1
MPCAB	03SC002		Groundhouse River; downstream of 150th Ave., 2 mi. S.E. of Ogilvie		phase1	1
MPCAB	06SC121		Groundhouse River; Downstream of CR 24, 5 miles W. of Ann Lake		phase1	1
MPCAB	06SC150		Groundhouse River; Downstream of State Route 47, ~1.25 miles NW of Ogilvie		prob. invest.	1
MPCAB	06SC151		Groundhouse River; Upstream of CR55, ~1.5 miles NW of Ogilvie		prob. invest.	1
MPCAB	06SC152		Groundhouse River; Upstream of County Route, 10, ~4 miles NW of Ogilvie		prob. invest.	1
MPCAB	06SC153		Groundhouse River; Upstream of CR 116, ~6 miles NW of Ogilvie		prob. invest.	1
MPCAB	96SC070		Groundhouse River; @ Rum River State Forest		UMN research	1
MPCAB	96SC070		Groundhouse River; @ Rum River State Forest		phase1	1
MPCAB	98SC005		Groundhouse River; Upstream of SH 23, .1 mi E of Ogilvie		prob. invest.	2

Aquatic life FS =pH FS 0/78[3] =Turbid\_TT\_TSS FS 0/26[3](0/26[3] --/--[ ] --/--[ ])

Ecoregion norms EX =NO2&NO3 EX 14/29[3] <>Phosphorus EX 23/32[3]

07030004-514	2	4.2	Bear Creek	Headwaters to Snake R	2B, 3B	
MNPCA1	S005-286		bear ck at crooked River rd, 5 mi ne of pine city		CMB	39
MNPCA1	S005-293		bear ck, left fork of creek, at csah-10, 5 mi ne pine city		CMB	11
MPCAB	96SC068		Bear Creek; CR 10, 4 mi. N.E. of Pine City		phase1	1
MPCAB	96SC068		Bear Creek; CR 10, 4 mi. N.E. of Pine City		UMN research	1

Aquatic life FS +Turbid\_TT\_TSS FS 0/39[4](0/2[2] 0/37[4] --/--[ ])

Aquatic recreation NS !!!E. coli NS 6/23Ind 3/3mo

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
07030004-518	2	9.0	Little Ann River	Headwaters (Dewitt Pool) to Ann Lk	2B, 3B	
MNPCA1	S004-393		little ann r at 240th ave brg (csah-26), 6.5 mi nw of mora		ANNR-L	22
MNPCA1	S004-393		little ann r at 240th ave brg (csah-26), 6.5 mi nw of mora		SNAKEWBT	16
MNPCA1	S004-862		little ann r at unnamed rd, 12.5 mi n of ogilvie		SNAKEWBT	2
MNPCA1	S004-862		little ann r at unnamed rd, 12.5 mi n of ogilvie		ANNR-L	9
MPCAB	06SC138		Little Ann River; Upstream of CR 26, 3 miles N of Ann Lake		phase2	2
MPCAB	06SC138		Little Ann River; Upstream of CR 26, 3 miles N of Ann Lake		phase1	1
MPCAB	96SC004		Little Ann River; @ Hwy. 47, 4 mi. N. of Ann Lake		phase1	1
MPCAB	96SC004		Little Ann River; @ Hwy. 47, 4 mi. N. of Ann Lake		UMN research	1

Aquatic life NS +Chloride FS 0/9[2] DO12 -- 8/48[4] DO5\_9am NS 3/18[2] DO5\_All NS 8/37[4] DO7 FS 0/11[2] !!!DOFinal NS[[2]] +pH FS 10/94[4] +Turbid\_TT\_TSS FS 1/42[4](1/42[4] 0/6[1] --/--[--])

Aquatic recreation IF E. coli IF 3/27Ind 1/1mo

Ecoregion norms EX +NO2&NO3 OK 0/25[3] +Phosphorus EX 24/28[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
07030004-523	4A	3.7	Snake River	Hay Cr to Chelsey Bk	2B, 3B	
MNPCA1	S004-067		snake r at olympic st, 3 mi e of woodland		SNAKEWBT	10
MNPCA1	S004-067		snake r at olympic st, 3 mi e of woodland		SNAKEWEP	8
MPCAB	06SC123		Snake River; Upstream of CR 61, 3 miles NE of Woodland		phase1	2

Aquatic life IF =Chloride FS 0/18[2] =pH FS 2/38[3] +Un-ionzed ammonia FS 0/10[1]

Aquatic recreation IF +E. coli IF 0/10Ind 0/0mo

Ecoregion norms EX =NO2&NO3 OK 0/20[3] =Phosphorus EX 3/12[2]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
07030004-524	4A	4.7	Snake River	Groundhouse R to Mud Cr	2B, 3B	
MNPCA1	S004-070		snake r along 150th ave, 3 mi e of brunswick		SNAKEWBT	10
MNPCA1	S004-070		snake r along 150th ave, 3 mi e of brunswick		SNAKEWEP	8
MPCAB	06SC112		Snake River; Along 150th Ave., 4 miles SE of Mora		phase1	2

Aquatic life FS =Chloride FS 0/18[2] <>pH FS 2/40[2] +Turbid\_TT\_TSS FS 0/22[2](0/2[1] 0/16[2] 0/4[1]) +Un-ionzed ammonia FS 0/10[1]

Aquatic recreation IF +E. coli IF 0/10Ind 0/0mo

Ecoregion norms EX <>NO2&NO3 EX 6/20[2] =Phosphorus OK 0/12[1]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
07030004-525	5B	5.9	Snake River	Knife R to Fish Lk outlet	2B, 3B	
MNPCA1	S003-529		snake r at mn-65, 0.7 mi s of mora, minnesota		SNAKEWEP	49
MPCAB	06SC115		Snake River; Upstream of Hwy 65 in Mora		phase1	1

Aquatic life FS =Chloride FS 0/23[3] DO12 -- 1/49[4] DO5\_All FS 1/33[4] DO7 FS 0/16[2] +DOFinal IF[[2]] =pH FS 0/98[4] =Turbid\_TT\_TSS FS 0/90[4](0/1[1] 0/7[1] 0/82[2])

Aquatic recreation IF \$. coli IF 0/6Ind 0/0mo

Ecoregion norms OK =NO2&NO3 OK 1/29[4] =Phosphorus OK 0/42[3]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				

<b>07030004-526</b>	<b>2</b>	<b>0.2</b>	<b>Pokegama Creek</b>		<b>Pokegama Lk to Snake R</b>	<b>2B, 3B</b>	
MNPCA1	S002-585		pokegama ck at csah-53 pokegama lk outlt, 3.5 mi w pine city			SNAKEWEP	50
Aquatic life	NS	=Chloride FS 0/27[3] DO12 -- 3/47[4] DO5_9am NS 1/21[3] DO5_All FS 2/30[3] DO7 FS 1/17[3] !!!DOFinal NS[[2]] =pH FS 2/94[4] =Turbid_TT_TSS FS 0/84[3](--/--[1] 0/8[1] 0/76[2])					
Ecoregion norms	EX	=NO2&NO3 EX 5/29[3] =Phosphorus OK 2/38[2]					
<b>07030004-527</b>	<b>3A</b>	<b>2.2</b>	<b>Unnamed creek</b>		<b>Headwaters to Jarvis Bay (Pokegama Lk 58-0142-00)</b>	<b>2B, 3B</b>	
MNPCA1	S002-590		unnamed str to jarvis bay at csah-13, 4.5 mi w of pine city			CMB	4
Aquatic recreation	IF	+E. coli IF 0/4Ind 0/0mo					
<b>07030004-532</b>	<b>5C</b>	<b>4.2</b>	<b>Pokegama Creek</b>		<b>East Pokegama Cr to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-542		pokegama ck at csah 14, 3.6 mi w of beroun, mn			SNAKEWEP	51
MPCAB	06SC042		Pokegama Creek; Downstream of CR 14, 6 miles NW of Pine City			emap/phase1	1
Aquatic life	FS	=Chloride FS 0/28[3] DO12 -- 1/47[4] DO5_9am FS 0/21[4] DO5_All FS 1/32[4] DO7 FS 0/15[3] +DOFinal IF[[2]] =pH FS 2/94[4] =Turbid_TT_TSS FS 0/87[4](0/1[1] 0/8[1] 0/78[2])					
Ecoregion norms	OK	=NO2&NO3 OK 0/30[4] =Phosphorus OK 2/40[3]					
<b>07030004-533</b>	<b>2</b>	<b>1.2</b>	<b>Pokegama Creek</b>		<b>Unnamed cr to Pokegama Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-582		pokegama ck at csah-11 nr pokegama lk 4.75 mi nw of pine cty			CSMP	77
Aquatic life	FS	=Turbid_TT_TSS FS 0/77[4](--/--[1] 0/77[4] --/--[1])					

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030004-547	5A	18.6	Mission Creek	Unnamed lk (58-0173-00) to T39 R21W S30, west line	1B, 2Bd, 3C
MNPCA1	S001-646		mission ck at csah-11 brg, .2 mi nw of pine city		SNAKEWBT 2
MNPCA1	S001-646		mission ck at csah-11 brg, .2 mi nw of pine city		CSMP 15
MNPCA1	S001-649		mission ck at csah-61 brg, 1.5 mi n of beroun		SNAKEWBT 18
MNPCA1	S001-649		mission ck at csah-61 brg, 1.5 mi n of beroun		CSMP 114
MNPCA1	S004-395		mission ck at homestead rd, 4.5 mi nnw of pine city		SNAKEWBT 4
MNPCA1	S004-396		mission ck at csah-14 brg, 5 mi n of pine city		SNAKEWBT 2
MNPCA1	S004-397		mission ck at csah-16 (cross park rd), 3.5 mi se of hinckley		SNAKEWBT 4
MNPCA1	S004-632		mission ck at cr-130, 1 mi no of beroun		SNAKEWBT 3
MPCAB	06SC105		Mission Creek; CR 14, 1 mile W. of Beroun		phase1 1
MPCAB	06SC106		Mission Creek; CR 16, 2 miles SE of Mission Creek		phase1 1
MPCAB	07SC008		Mission Creek; Upstream of Hwy 61, 1.5 mi, N of Beroun		phase2 1
MPCAB	07SC009		Mission Creek; Upstream of Hwy 11 Bridge, 3 mi. NW of Pine City		phase2 1
MPCAB	96SC013		Mission Creek; 1 mi. S.W. of Beroun		EMAP 2

Aquatic life NS +Chloride FS 0/7[1] DO12 -- 9/24[5] DO5\_9am NS 3/4[2] DO5\_All NS 8/19[5] DO7 NS 1/5[2] !!!DOFinal NS[[1]] +pH FS 0/46[5] =Turbid\_TT\_TSS FS 0/24[5](0/24[5] 4/127[5] --/--[--]) +Un-ionzed ammonia FS 0/7[1]

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/21[5]

Ecoregion norms OK +Phosphorus OK 1/17[5]

07030004-548	5A	1.6	Mission Creek	T39 R22W S36, east line to Snake R	2B, 3B
MNPCA1	S003-531		mission ck at cr-53, 2.5 mi w of pine city, minnesota		SNAKEWBT 22
MNPCA1	S003-531		mission ck at cr-53, 2.5 mi w of pine city, minnesota		SNAKEWEP 51
MNPCA1	S003-531		mission ck at cr-53, 2.5 mi w of pine city, minnesota		MDAWQMP 8
MPCAB	06SC104		Mission Creek; Upstream of CR 53, 2 miles W. of Pine City		phase1 2

Aquatic life NS =Chloride FS 0/30[3] DO12 -- 31/71[5] DO5\_9am NS 13/24[4] DO5\_All NS 30/48[5] \$DO7 FS 1/23[5] \$DOFinal NS[[3]] <>pH FS 4/138[5] =Turbid\_TT\_TSS FS 0/20[3](0/20[3] 0/16[2] 0/78[2])

Aquatic recreation IF +E. coli IF 1/18Ind 0/0mo

Ecoregion norms EX =NO2&NO3 OK 3 44[5] <>Phosphorus EX 8/63[5]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: SC**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07030004-549	5A	16.8	Knife River	Dry Run to Knife Lk	2B, 3B
MNPCA1	S001-975		knife r 0.5 mi n of csah 3, 11 mi nw of mora, mn		CSMP 68
MNPCA1	S001-976		knife r 0.15 mi s of csah 3, 10.75 mi nw of mora, mn		CSMP 68
MNPCA1	S002-675		knife r at csah8 6 miles north of mora		CSMP 58
MNPCA1	S002-675		knife r at csah8 6 miles north of mora		SLAKEWEP 7
MNPCA1	S002-675		knife r at csah8 6 miles north of mora		KSRW 19
MNPCA1	S002-676		knife r at sh-47, 7 miles south of isle		MLACSWCD 5
MNPCA1	S003-896		knife r at 30th ave, 5.5. mi so. of isle		KSRW 19
MNPCA1	S003-896		knife r at 30th ave, 5.5. mi so. of isle		CSMP 58
MNPCA1	S004-352		knife r at csah-3, 10.80 mi nw of mora		KSRW 19
MNPCA1	S004-352		knife r at csah-3, 10.80 mi nw of mora		CSMP 58
MPCAB	06SC125		Knife River; Downstream of CR 88, 6 miles N. of Mora		phase1 1
MPCAB	06SC128		Knife River; Upstream of Hwy 47, 7 miles W. of Warman		phase1 2

Aquatic life      FS      +pH FS 1/36[2] =Turbid\_TT\_TSS FS 0/184[7](0/3[2] 0/181[7] --/--[--])  
 Ecoregion norms      EX      +NO2&NO3 OK 0/27[2] +Phosphorus EX 12/18[4]

07030004-551	2	4.8	Knife River	Knife Lk to Snake R	2B, 3B
MNPCA1	S003-528		knife r at cr-77, 3 mi n of mora, minnesota		SLAKEWEP 49
MPCAB	96SC097		Knife River; @ C.R. 77, 3 mi. N. of Mora		UMN research 1
MPCAB	96SC097		Knife River; @ C.R. 77, 3 mi. N. of Mora		phase1 1

Aquatic life      NS      =Chloride FS 0/24[3] DO12 -- 1/51[4] DO5\_9am NS 1/30[3] DO5\_All FS 1/35[4] DO7 FS 0/16[2] +DOFinal IF[[3]] =pH FS 0/102[4] =Turbid\_TT\_TSS FS 0/92[4](0/2[2] 0/8[1] 0/82[2])  
 Ecoregion norms      EX      =NO2&NO3 EX 5/30[4] =Phosphorus OK 0/42[3]

07030004-552	5A	1.4	Bear Creek	Unnamed cr to Snake R	2C
MNPCA1	S001-726		bear cr on 4th st in mcgrath, mn		CSMP 62
MNPCA1	S003-527		bear ck at cr-9, in mcgrath, minnesota		SLAKEWEP 40
MPCAB	06SC133		Bear Creek; Upstream of CR 9 bridge in McGrath		phase1 2

Aquatic life      NS      =Chloride FS 0/16[2] DO12 -- 2 20[3] DO5\_All NS 2/12[3] DO7 FS 0/8[1] +DOFinal IF[[1]] \$pH FS 6/40[3] =Turbid\_TT\_TSS FS 0/64[6](0/2[2] 0/62[5] --/--[--])  
 Ecoregion norms      EX      =NO2&NO3 OK 0/21[4] =Phosphorus EX 12/40[4]

07030004-559	2	0.7	Unnamed creek	Unnamed cr to Knife R	2B, 3B
MNPCA1	S002-678		unn str trib to knife r at csah-15, 6 mi w of warman		KSRW 19
MNPCA1	S002-678		unn str trib to knife r at csah-15, 6 mi w of warman		CSMP 58
MPCAB	06SC127		Trib. to Knife River; Upstream of CR 15, 5 miles W of Warman		phase1 1

Aquatic life      FS      +pH FS 2/32[2] +Turbid\_TT\_TSS FS 0/59[3](0/1[1] 0/58[3] --/--[--])

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

07030004-567	5A	14.1	Mud Creek (County Ditch 10)	Mud Lk to Snake R	2B, 3B
MNPCA1	S003-533		mud ck at csah-5, 1.6 mi nw of grasston, minnesota		SLAKEWEP 52
MPCAB	06SC107		Mud Creek; Upstream of CR 5, 1 mile NW of Grasston		phase1 2
MPCAB	06SC109		Mud Creek; Upstream of CR 120, 1 mile NW of Henriette		phase1 1

Aquatic life NS =Chloride FS 0/27[3] DO12 -- 3/50[5] DO5\_9am NS 1/21[4] DO5\_All FS 3/34[5] DO7 FS 0/16[3] !!!DOFinal NS[[2]] =pH FS 2/100[5] =Turbid\_TT\_TSS FS 0/89[5](0/3[2] 0/8[1] 0/78[2])

Aquatic recreation IF \$E. coli IF 1/8Ind 0/0mo

Ecoregion norms OK =NO2&NO3 OK 0/33[5] =Phosphorus OK 2/42[4]

07030004-570	2	1.1	Unnamed creek	Unnamed cr to Groundhouse R	2B, 3B
MNPCA1	S003-639		unn trib to groundhouse r at cr-56, 4.5 mi nw of ogilvie, mn		GROUNDHS 30
MPCAB	06SC120		Trib. to Groundhouse River; Upstream of CR 56, 2 miles SW of Ann Lake		phase1 2

Aquatic life IF =pH FS 0/60[3]

07030004-573	5A	19.4	Groundhouse River, South Fork	Headwaters to Groundhouse R	2B, 3B
MNPCA1	S003-638		sf groundhouse r at mn-47, 3.6 mi s of ogilvie, minnesota		SLAKEWEP 10
MNPCA1	S003-638		sf groundhouse r at mn-47, 3.6 mi s of ogilvie, minnesota		SLAKEWBT 10
MNPCA1	S003-638		sf groundhouse r at mn-47, 3.6 mi s of ogilvie, minnesota		GROUNDHS 30
MNPCA1	S003-664		sf groundhouse r at csah-4, 5.5 mi sw of ogilvie, mn		GROUNDHS 18
MPCAB	03SC003		South Fork Groundhouse River; upstream of Hwy. 47, 4 mi. S. of Ogilvie		phase1 1
MPCAB	03SC003		South Fork Groundhouse River; upstream of Hwy. 47, 4 mi. S. of Ogilvie		UMN research 1
MPCAB	03SC003		South Fork Groundhouse River; upstream of Hwy. 47, 4 mi. S. of Ogilvie		prob. invest. 1
MPCAB	06SC045		South Fork Groundhouse River; Upstream of CR 13, 3 miles W. of Ogilvie		emap/phase1 2
MPCAB	06SC065		South Fork Groundhouse River; Upstream of CR 4, 5 miles S. of Ogilvie		emap/phase1 2
MPCAB	06SC154		South Fork Groundhouse River; Upstream of CR4, ~6 miles S of Ogilvie		prob. invest. 1
MPCAB	06SC155		South Fork Groundhouse; Upstream of CR4, ~6miles SW of Ogilvie		prob. invest. 1
MPCAB	06SC156		South Fork Groundhouse River; Upstream of CR50, ~4 miles S of Ogilvie		prob. invest. 1
MPCAB	06SC157		South Fork Groundhouse River; Upstream of CR125, ~2.5 miles E of Bock		prob. invest. 1
MPCAB	06SC158		South Fork Groundhouse River; Upstream of State Route 23, ~4 mile SW of Ogilvie		prob. invest. 1
MPCAB	98SC011		South Fork Groundhouse River; .2 mi. upstream of first culvert on unnamed W-E road, 4 mi. S.E. of Ogilvie		UMN research 2

Aquatic life NS =Chloride FS 0/18[2] DO12 -- 7/28[4] DO5\_9am NS 4/10[2] DO5\_All NS 7/28[4] !!!DOFinal NS[[1]] =pH FS 2/108[4] =Turbid\_TT\_TSS FS 0/26[3](0/26[3] 0/16[2] 0/10[2]) +Un-ionized ammonia FS 0/10[1]

Aquatic recreation NS !!!E. coli NS 0/18Ind 1/2mo

Ecoregion norms EX =NO2&NO3 EX 25/48[4] =Phosphorus EX 6/41[3]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030004-577</b>	<b>5C</b>	<b>3.7</b>	<b>Unnamed creek</b>	<b>Headwaters to Cross Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-358		unn str to cross lk at cr-125. 4.7 mi ne of pine city, mn		CMB 30
MNPCA1	S003-358		unn str to cross lk at cr-125. 4.7 mi ne of pine city, mn		CSMP 57
MNPCA1	S005-336		unn str at cross lk n side, 4.3 mi nne of pine city, mn		CROSSLK 5
MPCAB	06SC101		Trib. to Cross Lake; Upstream of CR 125, 2 miles SE of Beroun		phase1 2

Aquatic life FS =Turbid\_TT\_TSS FS 2/65[5](0/2[2] 2/63[5] --/--[--])  
 Aquatic recreation NS !!!E. coli NS 2/26Ind 1/3mo

<b>07030004-578</b>	<b>3A</b>	<b>5.8</b>	<b>Snake River (Cross Lake)</b>	<b>Cross Lk (58-0119-00)</b>	<b>2B, 3B</b>
MNPCA1	S005-285		snake r (cross lk) end of dnr dock, 1 3/4 mi ne of pine city		CMB 22

Aquatic life FS +Turbid\_TT\_TSS FS 0/22[3](--/--[--] 0/22[3] --/--[--])  
 Aquatic recreation IF +E. coli IF 0/12Ind 0/1mo

<b>07030004-586</b>	<b>4A</b>	<b>4.0</b>	<b>Snake River</b>	<b>Mission Cr to Cross Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-644		snake r at csah-61 brg in pine city		CROSSLK 15
MNPCA1	S001-644		snake r at csah-61 brg in pine city		CSMP 189
MNPCA1	S003-775		snake r at boat launch in pine city, mn		CSMP 61

Aquatic life FS +pH FS 0/30[3] +Turbid\_TT\_TSS FS 0/247[9](--/--[--] 0/247[9] --/--[--])

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030004-587	4A	11.8	Snake River	Cross Lk to St Croix R	2B, 3B
MNPCA1	S000-128		snake r. at mouth e of pine city		SNAKEWBT 10
MNPCA1	S000-128		snake r. at mouth e of pine city		LOADSTDY 22
MNPCA1	S000-198		snake r bridge at csah-9, 2 mi ne of pine city		14
MNPCA1	S000-198		snake r bridge at csah-9, 2 mi ne of pine city		STCROIX 3
MNPCA1	S000-198		snake r bridge at csah-9, 2 mi ne of pine city		SNAKEWEP 50
MNPCA1	S000-198		snake r bridge at csah-9, 2 mi ne of pine city		MILE 45
MNPCA1	S000-198		snake r bridge at csah-9, 2 mi ne of pine city		MERCLKS/ 1
MNPCA1	S000-198		snake r bridge at csah-9, 2 mi ne of pine city		LEGSTR 1
MNPCA1	S000-198		snake r bridge at csah-9, 2 mi ne of pine city		LOADSTDY 16
MNPCA1	S002-479		snake r at the confluence of bass ck, 6 mi e of pine city		CSMP/CMB 10
MNPCA1	S002-479		snake r at the confluence of bass ck, 6 mi e of pine city		CMB 12
MNPCA1	S002-479		snake r at the confluence of bass ck, 6 mi e of pine city		CSMP 173
MNPCA1	S004-103		snake r .5 mi n of cr-118, 9 mi e of pine city		MERCLKS/ 4
MPCAB	06SC007		Snake River; Downstream of CR 9, 9 miles E. of Pine City		emap/phase1 2
MPCAB	06SC051		Snake River; 5 miles E. of Pine City		EMAP 1

Aquatic life FS +Arsenic FS 0/5[2] =Chloride FS 0/91[6] +Chromium FS 0/5[2] +Copper FS 0/5[2] DO12 -- 0/141[9] DO5\_9am FS 0/22[5] DO5\_All FS 0/89[7] DO7 FS 0/52[9] +DOFinal IF[[5]] +Lead FS 0/5[2] +Nickel FS 0/5[2] =pH FS 8/288[10] =Turbid\_TT\_TSS FS 5/87[9](5/87[9] 2/192[6] --/--[--]) +Un-ionized ammonia FS 1/53[8] +Zinc FS 0/5[2]

Aquatic recreation FS +E. coli FS 0/40Ind 0/5mo

Ecoregion norms EX =BOD5 EX 14/15[4] =NO2&NO3 EX 61/123[10] <>Phosphorus EX 112/135[9]

07030004-598		1.2	Unnamed creek	Headwaters to Ann Lk	2B, 3B
MNPCA1	S004-638		unn str at crest view dr, 9 mi n of ogilvie		ANNR-L 14

Aquatic life IF +pH FS 6/28[2]

Aquatic recreation IF +E. coli IF 3/12Ind 0/0mo

07030004-599		2.2	Unnamed creek	Headwaters to Ann Lk	2B, 3B
MNPCA1	S004-637		spring bk at mn-47, 4 mi n of ogilvie		ANNR-L 14

Aquatic life IF +Chloride FS 0/5[2] +pH FS 1/28[2]

Aquatic recreation IF +E. coli IF 1/14Ind 0/0mo

07030004-600		1.4	Unnamed creek	Headwaters to Fish Lk	2B, 3B
MNPCA1	S004-633		unn inlet to fish lk (aka tosher ck) at csah-14 5 mi sw mora		ANNR-L 13

Aquatic life IF +pH FS 0/26[1]

Aquatic recreation IF +E. coli IF 0/13Ind 0/0mo



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<b>07030004-601</b>		<b>1.0</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Ann R</b>		<b>2B, 3B</b>
MNPCA1	S004-634		unn str at csah-12, 3 mi w of mora				ANNR-L 10
Aquatic life	IF		+pH FS 0/20[1]				
Aquatic recreation	IF		+E. coli IF 1/10Ind 0/0mo				
<b>07030004-604</b>		<b>0.7</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S004-635		unn str at cr-59 (gardenview rd), 5.5 mi ne of ogilvie				ANNR-L 15
Aquatic life	IF		+pH FS 7/30[1]				
Aquatic recreation	IF		+E. coli IF 3/13Ind 0/0mo				
<b>07030004-616</b>		<b>0.8</b>	<b>Unnamed creek</b>		<b>Headwaters to Snake R</b>		<b>2B, 3B</b>
MNPCA1	S005-291		unn str (to snake r) at blackbird rd, 3.5 mi e of pine city				CMB 5
Aquatic recreation	IF		+E. coli IF 2/2Ind 0/0mo				
<b>07030004-617</b>		<b>1.3</b>	<b>Unnamed creek</b>		<b>Headwaters to Snake R</b>		<b>2B, 3B</b>
MNPCA1	S005-287		unn str at northern rd, e of gov't rd, 1.25 mi ne pine city				CMB 1
Aquatic recreation	IF		+E. coli IF 0/1Ind 0/0mo				
<b>07030004-618</b>		<b>1.3</b>	<b>Unnamed creek</b>		<b>Headwaters to Snake R</b>		<b>2B, 3B</b>
MNPCA1	S005-288		unn str at northern rd, e of sunnyside rd 3 mi ne pine city				CMB 2
Aquatic recreation	IF		+E. coli IF 1/1Ind 0/0mo				
<b>07030004-619</b>		<b>1.4</b>	<b>Unnamed creek</b>		<b>Headwaters to Snake R</b>		<b>2B, 3B</b>
MNPCA1	S005-289		unn str at lofty pines rd, 4 mi ne of pine city				CMB 4
Aquatic recreation	IF		+E. coli IF 2/2Ind 0/0mo				
<b>07030004-620</b>		<b>1.2</b>	<b>Unnamed creek</b>		<b>Headwaters to Snake R</b>		<b>2B, 3B</b>
MNPCA1	S005-290		unn str at northern rd, e milburn/lofty, 4 mi ne pine city				CMB 3
Aquatic recreation	IF		+E. coli IF 2/2Ind 0/0mo				

HUC: 07030005

DNR Major: 37

HUC NAME: ST. CROIX R-Stillwtr

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

07030005-501	5B	24.1	Sunrise River, North Branch	Headwaters to Sunrise R	2B, 3B
MNPCA1	S000-301		n br sunrise r at mn-95, 4 mi e of north branch		MILE 45
MNPCA1	S000-301		n br sunrise r at mn-95, 4 mi e of north branch		MERCLKS/ 5
MNPCA1	S000-301		n br sunrise r at mn-95, 4 mi e of north branch		16
MNPCA1	S000-301		n br sunrise r at mn-95, 4 mi e of north branch		SUNR_NBR 8
MNPCA1	S001-418		n br sunrise r at cr-64 0.5 mi w of north branch		CSMP 54
MNPCA1	S001-419		n br sunrise r at mn-95 0.5 mi e of north branch		SUNR_NBR 18
MNPCA1	S001-419		n br sunrise r at mn-95 0.5 mi e of north branch		CSMP 79
MNPCA1	S001-698		sunrise r, n br s of us-95, 5 mi e of north branch		CSMP 16
MNPCA1	S002-094		n branch sunrise r at mn-95, 1.5 mi w of north branch		SUNR_NBR 8
MNPCA1	S002-095		n branch sunrise r at csah-5 crossing, 4 mi w of no branch		SUNR_NBR 18
MNPCA1	S002-096		n branch sunrise r at tucker st ne, 1 mi w of weber		SUNR_NBR 8
MNPCA1	S003-472		sunrise r, n br, at trulson rd, 5 mi e of n br, mn		CSMP 29
MNPCA1	S004-033		sunrise r, n br at cr-69, 3.3 mi sw of sunrise, mn		CHIS_BLM 73
MNPCA1	S004-033		sunrise r, n br at cr-69, 3.3 mi sw of sunrise, mn		CMB 15
MNPCA1	S004-033		sunrise r, n br at cr-69, 3.3 mi sw of sunrise, mn		SUNR_NBR 10
MNPCA1	S004-033		sunrise r, n br at cr-69, 3.3 mi sw of sunrise, mn		MDAWQMP 8
MPCAB	06SC049		North Branch Sunrise River; Downstream of CR 12, 6 miles SW of North Branch		EMAP 1
MPCAB	06SC053		North Branch Sunrise River; Downstream of Hwy 95, 4 miles E. of North Branch		EMAP 1

Aquatic life FS +Chloride FS 0/75[3] DO12 -- 0/119[8] DO5\_9am FS 0/7[3] DO5\_All FS 0/76[6] DO7 FS 0/43[8] +DOFinal IF[[3]] =pH FS 2/238[8] =Turbid\_TT\_TSS FS 9/114[8](9/114[8] 0/139[8] 0/20[3]) +Un-ionzed ammonia FS 0/101[8]

Aquatic recreation NS !!!E. coli NS 3/50Ind 4/6mo

Ecoregion norms EX +BOD5 OK 1/11[3] =NO2&NO3 EX 113 114[8] =Phosphorus EX 24/111[7]

07030005-502	5B	6.4	St Croix River	Kinnickinnic R (WI) to Mississippi R	1C, 2Bd, 3C
MCES	St. Croix River 0.3		St. Croix River at Hwy-10 in Prescott		288
MNPCA1	S000-018		st croix r. ush-10 at pt douglas		CSMP 7

Aquatic life FS =Chloride FS 0/240[7] DO12 -- 0/272[9] DO5\_9am FS 0/107[8] DO5\_All FS 0/135[8] DO7 FS 0/137[9] +DOFinal IF[[8]] =pH FS 0/570[10] =Turbid\_TT\_TSS FS 0/248[8](0/248[8] 0/7[1] --/--[--]) +Un-ionzed ammonia FS 0/243[7]

Drinking Water FS +Nitrate FS 0/237[7] +Nitrite FS 0/237[7]

Ecoregion norms OK =BOD5 OK 0/238[7] =Phosphorus OK 2/236[7]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030005-504	5B	15.4	St Croix River	Apple R (WI) to Willow R (WI)	1C, 2Bd, 3C
MCES	St Croix River 23.4		St. Croix River above Stillwater Bridge		13
MCES	St. Croix River 23.3		St. Croix River at Stillwater Bridge		290
MNPCA1	S000-019		st. croix r dnstrm of mn-212 br in stillwater	MILE	45
MNPCA1	S000-019		st. croix r dnstrm of mn-212 br in stillwater		14
MNPCA1	S000-019		st. croix r dnstrm of mn-212 br in stillwater	MERCLKS/	5
MPCAB	04SC001		St. Croix River; ~ 2 miles upstream of Stillwater, access at St. Croix Boomsite Park.	methods comparison	1

Aquatic life FS +Arsenic FS 0/6[2] =Chloride FS 0/239[8] +Chromium FS 0/6[2] +Copper FS 0/6[2] DO12 -- 1/333[11] DO5\_9am FS 0/127[8] DO5\_All FS 1/178[9] DO7 FS 0/155[11] +DOFinal IF[[9]] +Lead FS 0/6[2] +Nickel FS 0/6[2] =pH FS 5/680[11] =Turbid\_TT\_TSS FS 2/276[9](2/276[9] --/--[0/3[2]) +Un-ionized ammonia FS 0/280[9] +Zinc FS 0/6[2]

Aquatic recreation FS +E. coli FS 0/28Ind 0/0mo

Drinking Water FS +Nitrate FS 0/235[7] +Nitrite FS 0/235[7] +NO2&NO3 FS 0/40[7]

Ecoregion norms OK =BOD5 OK 4/243[8] =Phosphorus OK 3/266[10]

07030005-505	5B	4.7	St Croix River	Sunrise R to Trade R (WI)	1B, 2Bd, 3C
MPCAB	96SC088		St. Croix River; Downstream of Sunrise River mouth	biocriteria	2

Aquatic life IF +pH FS 0/12[4]

Aquatic recreation IF +E. coli IF 0/2Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/6[4]

07030005-509	5A	14.8	Rush Creek	Rush Lk to St Croix R	1B, 2Bd, 3C
MNPCA1	S000-125		Rush Creek cr-56 by rush city	CHIS_BLM	73
MNPCA1	S003-464		rush ck at csah 30 in rush city, mn	CSMP	18
MNPCA1	S003-468		rush ck at blueberry trail, 2.7 mi e of rush city, mn	CSMP	3
MNPCA1	S003-477		rush ck at evergreen avenue, 2 mi w of rush city, mn	CSMP	66
MPCAB	96SC081		Rush Creek; @ C.S.A.H. 5, 2 mi. E. of Rush City	biocriteria	3
MPCAB	98SC001		Rush Creek; upstream of N-S rd. in S 19, 1.5 mi W of Rush City	prob. invest.	3
MPCAB	98SC002		Rush Creek; Access at address 380 CR 55 .2 mi E of Rush City	prob. invest.	3
MPCAB	98SC003		Rush Creek; Downstream of CR 55 across from cemetery .8 mi E. of Rush City	prob. invest.	3
MPCAB	98SC004		Rush Creek; Just upstream of C.R. 56, 3 mi S.E. of Rush City	prob. invest.	3

Aquatic life FS +Chloride FS 0/70[3] DO12 -- 1/83[6] DO5\_9am FS 0/31[3] DO5\_All FS 1/59[6] DO7 FS 0/24[3] +DOFinal FS[[3]] <>pH FS 1/166[6] =Turbid\_TT\_TSS FS 4/82[6](4/82[6] 1/84[6] --/--[0/3[2]) +Un-ionized ammonia FS 0/64[3]

Aquatic recreation NS !!!E. coli NS 5/24Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/82[6]

Ecoregion norms EX =Phosphorus EX 12/77[6]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030005-510	5A	22.3	Goose Creek	Headwaters (Goose Lk) to St Croix R	2B, 3B
MNPCA1	S000-410		goose ck at rd btn s11/14 3 mi ne of harris		CHIS_BLM 72
MNPCA1	S001-454		goose cr 2.5 mi ne of harris, mn		CSMP 12
MNPCA1	S001-455		goose cr 2.25 mi ne of harris, mn		CSMP 12
MNPCA1	S003-475		goose ck at 450th st, 1.3 mi nw of harris, mn		CSMP 75
MNPCA1	S003-476		goose ck off end of golden avenue in harris, minnesota.		CSMP 71
MNPCA1	S003-479		goose ck at cedarcrest trail, 5.4 mi sw of rush city, mn		CSMP 8
MPCAB	07SC003		Goose Creek; Downstream of CR 9, 2.5 mi. NW Harris		TMDL 1
MPCAB	07SC019		Goose Creek; Upstream of CR 9, 5 mi. S of Rush City		ref. ditches 1
MPCAB	96SC023		Goose Creek; @ Wild River State Park		TMDL 1
MPCAB	96SC084		Goose Creek; @ C.S.A.H. 30 in Harris		TMDL 1
MPCAB	96SC084		Goose Creek; @ C.S.A.H. 30 in Harris		biocriteria 2

Aquatic life FS +Chloride FS 0/69[3] DO12 -- 0/76[5] DO5\_9am FS 0/16[3] DO5\_All FS 0/53[5] DO7 FS 0/23[3] +DOFinal IF[[3]] +pH FS 0/152[5] =Turbid\_TT\_TSS FS 2/75[4](2/75[4] 0/147[5] 0/2[1]) +Un-ionized ammonia FS 0/63[3]

Aquatic recreation IF +E. coli IF 1/24Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 42/72[5] +Phosphorus OK 7/70[5]

07030005-513	5B	35.0	St Croix River	Taylor's Falls Dam to Apple R (WI)	1C, 2Bd, 3C
MPCAB	04SC002		St. Croix River; just downstream of Otisville boat access.		methods comparison 1
MPCAB	04SC003		St. Croix River; ~ 1 mile downstream of Osceola		methods comparison 1
MPCAB	04SC004		St. Croix River; ~ 1 mile downstream of Franconia		methods comparison 1
MPCAB	06SC001		St. Croix River; E. of Hwy 95, 1 mile S. of Marine on St. Croix		EMAP 1
MPCAB	06SC017		St. Croix River; Downstream of Hwy 243, just N. of Otisville		EMAP 1
MPCAB	06SC037		St. Croix River; Downstream of Hwy 8, just S. of Taylor's Falls. In Interstate State Park		EMAP 1
MPCAB	96SC028		St. Croix River; McLeods Slough		EMAP 1

Aquatic life IF =pH FS 1/16[3]

Drinking Water FS +NO2&NO3 FS 0/8[3]

07030005-514	2	3.8	County Ditch 7	Unnamed cr to N Br Sunrise R	2B, 3B
MNPCA1	S001-720		cd no 7 in n branch, mn		CSMP 47

Aquatic life FS =Turbid\_TT\_TSS FS 0/47[4](--/--[--] 0/47[4] --/--[--])

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07030005-518</b>	<b>5B</b>	<b>13.5</b>	<b>St Croix River</b>		<b>Trade R (WI) to Taylors Falls Dam</b>		<b>1B, 2Bd, 3C</b>
MNPCA1	S000-020		st croix r. at taylors falls				MERCLKS/ 6
MNPCA1	S000-020		st croix r. at taylors falls				LOADSTDY 8
MPCAB	04SC007		St. Croix River; @ Wild River State Park Landing				methods comparison 1

Aquatic life IF +Arsenic FS 0/6[2] +Chloride FS 0/8[1] +Chromium FS 0/6[2] +Copper FS 0/6[2] +Lead FS 0/6[2] +Nickel FS 0/6[2] +pH FS 2/26[4] +Zinc FS 0/6[2]  
 Drinking Water FS +NO2&NO3 FS 0/10[3]  
 Ecoregion norms OK +Phosphorus OK 0/12[4]

<b>07030005-520</b>	<b>5C</b>	<b>4.8</b>	<b>Browns Creek</b>		<b>T30 R20W S18, west line to St Croix R</b>		<b>1B, 2A, 3B</b>
MCES	Browns Creek 0.3		Browns Creek at Dellwood Rd				121
MNPCA1	S004-457		unn str (brown's ck) at mckusick rd in stillwater			CSMP	7
MNPCA1	S004-457		unn str (brown's ck) at mckusick rd in stillwater			WASHDIST	168
MNPCA1	S004-719		browns ck at mn-95 culvert, n of stillwater			CSMP	18
MNPCA1	S004-925		brown's ck at stonebridge tr in stillwater			BCWD-L	16
MPCAB	06SC055		Browns Creek; Upstream of CR 64, 1 mile NW of Stillwater			EMAP	2
MPCAB	07SC002		Browns Creek; Upstream of CR 5, 1 mi. NW of Stillwater			TMDL	1
MPCAB	99SC002		Browns Creek; upstream of Hwy 95			metro surveys	1
MPCAB	99SC006		Browns Creek; upstream of Neal Ave.			metro surveys	1

Aquatic life NS =Chloride FS 0/185[8] DO12 -- 9/50[9] DO5\_9am NS 2/6[3] DO5\_All NS 5/34[8] DO7 NS 4/16[6] !!!DOFinal NS[[3]] !!!Turbid\_TT\_TSS NS 29/120[10](29/120[10] 3/40[6] 38/94[8])  
 Aquatic recreation IF +E. coli IF 1/15Ind 0/0mo  
 Drinking Water FS +Nitrate FS 0/85[8] +Nitrite FS 0/84[8]  
 Ecoregion norms EX +BOD5 EX 5 14[2] +Phosphorus EX 74/164[9]

<b>07030005-521</b>	<b>3A</b>	<b>0.7</b>	<b>Unnamed creek</b>		<b>Birch Lk to School Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-882		unn str to school lk at july ave, 3.5 mi e of Forest Lake			COMFOR-S	25

Aquatic life NS +Chloride FS 0/12[1] DO12 -- 18/20[1] DO5\_9am NS 6/6[1] DO5\_All NS 17/18[1] DO7 NS 1/2[1] !!!DOFinal NS[[1]]  
 Aquatic recreation NS !!!E. coli NS 0/15Ind 1/3mo  
 Ecoregion norms OK +Phosphorus OK 1/12[1]

<b>07030005-522</b>	<b>2</b>	<b>1.3</b>	<b>Unnamed creek</b>		<b>School Lk to Little Comfort Lk</b>		<b>2B, 3B</b>
MNPCA1	S001-232		unn str. inlet to ltl comfort lk from school lk			WASHDIST	63
MNPCA1	S001-232		unn str. inlet to ltl comfort lk from school lk			CSMP	77
MNPCA1	S001-232		unn str. inlet to ltl comfort lk from school lk			COMFOR-S	23

Aquatic life NS +Chloride FS 0/10[1] DO12 -- 12 28[4] DO5\_9am NS 4/5[2] DO5\_All NS 12/24[4] DO7 FS 0/4[2] !!!DOFinal NS[[1]] !!!Turbid\_TT\_TSS NS 26/195[5](--/--) 0/85[5] 26/110[5])  
 Aquatic recreation NS !!!E. coli NS 1/24Ind 2/3mo  
 Ecoregion norms EX +Phosphorus EX 13/65[5]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030005-524</b>	<b>3A</b>	<b>0.7</b>	<b>Unnamed ditch</b>	<b>Forest Lk to Sunrise R</b>	<b>2B, 3B</b>
MNPCA1	S004-466		sunrise r at n shore trail in Forest Lake		WASHDIST 51

Aquatic life NS !!!Turbid\_TT\_TSS NS 21/89[4](--/--[ ] 0/7[3] 21/82[4])  
 Aquatic recreation IF +E. coli IF 0/3Ind 0/0mo  
 Ecoregion norms EX +Phosphorus EX 12/48[4]

<b>07030005-526</b>	<b>3A</b>	<b>2.8</b>	<b>Sunrise River</b>	<b>Upstream from Comfort Lk</b>	<b>2B, 3B</b>
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MNPCA1	S001-223		sunrise r rd culvert 400' up inlet big comfort		COMFOR-S 24
MNPCA1	S001-223		sunrise r rd culvert 400' up inlet big comfort		WASHDIST 66
MNPCA1	S004-465		sunrise r at cty line dtch, e of us-61, 1 mi n of forest lk		COMFOR-S 26
MNPCA1	S004-465		sunrise r at cty line dtch, e of us-61, 1 mi n of forest lk		WASHDIST 21
MNPCA1	S004-926		sunrise r at greenway rd in wyoming		CLFLWD-L 19
MPCAB	07SC017		Sunrise River; South of Goodwin St, 1 mi. W of Comfort Lake		ref. ditches 1

Aquatic life NS +Chloride FS 0/36[2] DO12 -- 22 35[4] DO5\_9am NS 7/8[2] DO5\_All NS 21/30[4] DO7 NS 1/5[2] !!!DOFinal NS[[2]] +Turbid\_TT\_TSS FS 8/178[5](0/1[1] 0/31[4] 8/146[5])  
 Aquatic recreation NS !!!E. coli NS 0/24Ind 2/3mo  
 Ecoregion norms OK +Phosphorus OK 4/90[5]

<b>07030005-527</b>	<b>3A</b>	<b>4.4</b>	<b>Sunrise River</b>	<b>Comfort Lk to Pool 1</b>	<b>2B, 3B</b>
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MNPCA1	S003-569		sunrise r at 260th st, 1.7 mi ese of wyoming, mn		CSMP 10
MNPCA1	S004-468		sunrise r at wyoming trail, 2 mi e of wyoming		WASHDIST 61
MPCAB	96SC024		Sunrise River; Near C.R. 84, 1 mi. E. of Wyoming		EMAP 1

Aquatic life FS +Turbid\_TT\_TSS FS 4/117[5](0/1[1] 0/14[4] 4/102[5])  
 Aquatic recreation IF +E. coli IF 0/5Ind 0/0mo  
 Ecoregion norms OK +Phosphorus OK 0/57[5]

<b>07030005-528</b>	<b>2</b>	<b>5.0</b>	<b>Sunrise River, South Branch</b>	<b>Unnamed lk (02-0500-00) to Sunrise R</b>	<b>2B, 3B</b>
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MNPCA1	S003-473		sunrise r, s br, at us-61 in wyoming, mn		CSMP 77
MNPCA1	S003-481		sunrise r, s br, at kettle r rd, in wyoming, mn		CSMP 40

Aquatic life FS =Turbid\_TT\_TSS FS 0/112[5](--/--[ ] 0/112[5] --/--[ ])

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030005-529</b>	<b>5A</b>	<b>7.7</b>	<b>Sunrise River, West Branch</b>	<b>Martin Lk to Sunrise R (Pool 1)</b>	<b>1B, 2Bd, 3C</b>
MNPCA1	S001-424		w br sunrise r near cr-19 1 mi w of stacy		CHIS_BLM 20
MNPCA1	S001-424		w br sunrise r near cr-19 1 mi w of stacy		CSMP 152
MNPCA1	S001-424		w br sunrise r near cr-19 1 mi w of stacy		ANOKA 24
MNPCA1	S001-600		w br sunrise r in stacy		CSMP 243
MNPCA1	S003-482		sunrise r, w br, at sunrise drive, 0.5 mi w of stacy, mn		CSMP 127
MPCAB	00SC001		West Branch Sunrise River; upstream of Anoka CR 77, 1.6 mi W of Stacy		metro surveys 1

Aquatic life NS =Chloride FS 0/43[4] DO12 -- 1/39[5] DO5\_All FS 1/32[5] DO7 FS 0/7[4] +DOFinal IF[[0]] SpH FS 3/88[5] \$Turbid\_TT\_TSS NS 17/44[5](17/44[5] 35/326[10] --/--[ ] +Un-ionzed ammonia FS 0/19[1])

Aquatic recreation IF +E. coli IF 0/12Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/20[1]

Ecoregion norms EX =Phosphorus EX 6/44[4]

<b>07030005-538</b>	<b>2</b>	<b>3.6</b>	<b>Sunrise River</b>	<b>Pool 1 to Pool 3</b>	<b>2B, 3B</b>
MNPCA1	S001-426		sunrise r at cr-19 2.5 mi e of stacy		CSMP 17
MNPCA1	S003-466		sunrise r at hemmingway avenue, 1.3 mi e of stacy, mn		CSMP 5

Aquatic life FS =Turbid\_TT\_TSS FS 1/22[3](--/--[ ] 1/22[3] --/--[ ])

<b>07030005-539</b>	<b>3A</b>	<b>3.9</b>	<b>Sunrise River (Pool 3)</b>	<b>Sunrise Pool 3</b>	<b>2B, 3B</b>
MNPCA1	S004-060		sunrise r upstream of n pool dam, 4.5 mi n chisago, mn		SUNP3KDO 27

Aquatic life NS DO12 -- 4/27[2] DO7 NS 4/27[2] !!!DOFinal NS[[2]]

<b>07030005-540</b>	<b>5C</b>	<b>9.4</b>	<b>Sunrise River</b>	<b>Pool 3 to Kost Dam Reservoir</b>	<b>2B, 3B</b>
MNPCA1	S000-994		sunrise River at csah-14, 4 mi nw of lindstrom		CLRECWTR 11
MNPCA1	S000-994		sunrise River at csah-14, 4 mi nw of lindstrom		SUNP3KDO 27
MNPCA1	S001-425		sunrise r at cr-14 5.5 mi n of chisago city		CSMP 8
MNPCA1	S002-249		sunrise r downstream of pool 3 dam, 4.5 mi n of chisago, mn		CSMP 79
MNPCA1	S002-249		sunrise r downstream of pool 3 dam, 4.5 mi n of chisago, mn		SUNP3KDO 27
MNPCA1	S002-249		sunrise r downstream of pool 3 dam, 4.5 mi n of chisago, mn		CLRECWTR 8
MPCAB	06SC009		Sunrise River; Upstream of CR 14, 5 miles NW of Lindstrom		EMAP 1

Aquatic life FS DO12 -- 2 39[4] DO5\_All FS 0/1[1] \$DO7 FS 2/38[4] \$DOFinal IF[[4]] =pH FS 0/22[3] =Turbid\_TT\_TSS FS 0/88[7](0/1[1] 0/87[7] --/--[ ])

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030005-542	5C	7.2	Sunrise River	Kost Dam to N Br Sunrise R	2B, 3B
MNPCA1	S001-422		sunrise r 0.70 mi n of cr-15 3 mi s of sunrise		CSMP 11
MNPCA1	S001-423		sunrise r at mn-95 2.25 mi s of sunrise		SUNR_NBR 8
MNPCA1	S001-423		sunrise r at mn-95 2.25 mi s of sunrise		CSMP 185
MNPCA1	S001-423		sunrise r at mn-95 2.25 mi s of sunrise		CLRECWTR 9
MNPCA1	S001-423		sunrise r at mn-95 2.25 mi s of sunrise		CHIS_BLM 47
MNPCA1	S001-692		sunrise r downstream of kost dam, 4 mi w of almelund		CLRECWTR 11
MNPCA1	S001-692		sunrise r downstream of kost dam, 4 mi w of almelund		SUNP3KDO 27
MNPCA1	S001-692		sunrise r downstream of kost dam, 4 mi w of almelund		CSMP 122
MPCAB	06SC021		Sunrise River; Downstream of Hwy 95, 2 miles S. of Sunrise		EMAP 1
MPCAB	96SC065		Sunrise River; Downstream of Kost Dam County Park		biocriteria 2

Aquatic life FS +Chloride FS 0/48[2] DO12 -- 0/87[7] DO5\_9am FS 0/6[2] DO5\_All FS 0/37[5] DO7 FS 0/50[5] +DOFinal IF[[5]] =pH FS 0/120[7] =Turbid\_TT\_TSS FS 0/49[5](0/49[5] 5/301[10] 0/10[1]) +Un-ionzed ammonia FS 0/41[2]

Aquatic recreation IF +E. coli IF 1/24Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 39/45[5] <>Phosphorus OK 2/53[6]

07030005-543	2	4.0	Sunrise River	N Br Sunrise R to St Croix R	2B, 3B
MNPCA1	S000-129		sunrise r. csah-9 at sunrise		SUNR_NBR 8
MNPCA1	S000-129		sunrise r. csah-9 at sunrise		RNC 2
MNPCA1	S000-129		sunrise r. csah-9 at sunrise		STCROIX 10
MNPCA1	S004-032		sunrise r at cr-88 in sunrise, mn		CMB 5
MNPCA1	S004-032		sunrise r at cr-88 in sunrise, mn		LOADSTDY 9
MNPCA1	S004-032		sunrise r at cr-88 in sunrise, mn		CHIS_BLM 72

Aquatic life FS =Chloride FS 0/87[4] DO12 -- 0/84[4] DO5\_9am FS 0/11[3] DO5\_All FS 0/55[4] DO7 FS 0/29[4] +DOFinal IF[[3]] +pH FS 0/170[4] =Turbid\_TT\_TSS FS 3/81[4](3/81[4] 0/8[2] 0/22[2]) +Un-ionzed ammonia FS 0/73[4]

Aquatic recreation IF +E. coli IF 1/23Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 83 83[4] <>Phosphorus OK 5/88[5]

07030005-544	5C	3.8	Hay Creek	Headwaters to CD 3 (Beaver Cr)	2B, 3B
MNPCA1	S003-462		hay ck 0.15 mi upst of louden avenue, 5 mi ne of n branch		CSMP 125

Aquatic life FS \$Turbid\_TT\_TSS FS 7/125[5](--/--[ ] 7/125[5] --/--[ ])

07030005-546	3B	6.3	Beaver Creek (County Ditch 3)	Unnamed ditch to Hay Cr	1B, 2A, 3B
MNPCA1	S003-463		co dt-3 0.15 mi upst of louden avenue, 5 mi ne of n branch		CSMP 7
MNPCA1	S003-470		co dt-3 at keystone avenue, 4.2 mi ne of n br, mn		CSMP 41
MPCAB	07SC014		County Ditch 3; Downstream of CR 67, 5 mi. NE of North Branch		ref. ditches 1

Aquatic life FS <>Turbid\_TT\_TSS FS 3/49[4](0/1[1] 3/48[4] --/--[ ])



AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030005-549</b>	<b>3A</b>	<b>1.4</b>	<b>Roadside Ditch (Old Mill Stream)</b>	<b>Headwaters to St Croix R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S004-885		unn str (mill str) at judd st in marine on st. croix		CARMAR-S 23
MPCAB	99SC008		Old Mill Stream; upstream of Hwy 95		metro surveys 1

Aquatic life IF +Chloride FS 0/10[1]  
 Aquatic recreation IF +E. coli IF 1/15Ind 1/3mo  
 Ecoregion norms OK +Phosphorus OK 0/10[1]

<b>07030005-553</b>	<b>2</b>	<b>3.8</b>	<b>Unnamed creek</b>	<b>Headwaters to Lawrence Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-696		unn trib to lawrence ck, 1.4 mi se of shafer		CSMP 130

Aquatic life FS =Turbid\_TT\_TSS FS 12/130[7](--/--[ ] 12/130[7] --/--[ ])

<b>07030005-559</b>	<b>3B</b>	<b>2.7</b>	<b>Silver Creek</b>	<b>Headwaters to St Croix R</b>	<b>2B, 3B</b>
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MCES	Silver Creek 0.1		Silver Creek 50m upstream of Hwy 95		70
MCES	Silver Creek 0.7		Silver Creek at Co Rd 11		22
MNPCA1	S004-467		silver ck at mn-95, 1 mi n of stillwater	CMWD-S	22
MNPCA1	S004-467		silver ck at mn-95, 1 mi n of stillwater	CSMP	20
MNPCA1	S004-614		silver ck at csah-11, just n of stillwater	WASHDIST	14
MPCAB	99SC009		Silver Creek; upstream of Hwy 95	metro surveys	1

Aquatic life NS =Chloride FS 0/78[6] DO12 -- 1/20[7] DO5\_9am FS 0/4[3] DO5\_All FS 1/16[7] DO7 FS 0/4[3] +DOFinal IF[[0]] !!!Turbid\_TT\_TSS NS 9/80[9](9/80[9] 0/24[2] 0/6[1])  
 Aquatic recreation IF +E. coli IF 1/10Ind 0/0mo  
 Ecoregion norms EX +Phosphorus EX 7/32[2]

<b>07030005-560</b>	<b>2</b>	<b>2.3</b>	<b>Valley Creek</b>	<b>Unnamed cr to St Croix R</b>	<b>1B, 2A, 3B</b>
MCES	Valley Creek 1		Valley Creek at Putnam Blvd		115
MPCAB	99SC003		Valley Creek; Upstream of Putnam Rd., .5 mi. W of St. Mary's Point	metro surveys	1

Aquatic life FS =Chloride FS 0/91[8] DO12 -- 1/72[8] DO5\_9am FS 0/7[4] DO5\_All FS 1/28[8] DO7 FS 0/44[7] +DOFinal IF[[6]] +Turbid\_TT\_TSS FS 0/104[10](0/104[10] --/--[ ] --/--[ ])  
 Aquatic recreation FS +E. coli FS 0/20Ind 0/0mo  
 Drinking Water FS +Nitrate FS 0/112[10] +Nitrite FS 0/112[10]

<b>07030005-561</b>	<b>3B</b>	<b>5.0</b>	<b>Sunrise River, West Branch (County Ditch)</b>	<b>Headwaters to Typo Lk</b>	<b>1B, 2Bd, 3C</b>
MNPCA1	S003-192		ditch 13, 0.4 mi upstrm of csah-20, 7.5 mi se of isanti		ANOKA 11
MNPCA1	S003-220		typo lk inlet on w side of lake, 7.5 mi nw of wyoming		ANOKA 37
MNPCA1	S003-573		cty ditch 13 (w br sunrise r) at csah-20, 8 mi se of isanti		ANOKA 10
MPCAB	07SC018		Sunrise River, West Branch; Downstream of CR 20, 8 mi. SW of North Branch	ref. ditches	1

Aquatic life NS =Chloride FS 0/31[3] DO12 -- 3/29[4] DO5\_9am FS 0/1[1] DO5\_All NS 3/24[4] DO7 FS 0/5[3] !!!DOFinal NS[[0]] =pH FS 1/62[4] +Turbid\_TT\_TSS FS 2/35[4](2/35[4] --/--[ ] 0/1[1])  
 Ecoregion norms EX =Phosphorus EX 19/37[5]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030005-563</b>	<b>5A</b>	<b>2.3</b>	<b>Sunrise River, West Branch</b>	<b>Typo Lk to Martin Lk</b>	<b>1B, 2Bd, 3C</b>
MNPCA1	S001-691		w br sunrise r, 2 mi n of linwood twنش		CSMP 28
MNPCA1	S003-188		martin lk inlet at typo ck dr ne, 1 mi nw of martin lk		ANOKA 19
MNPCA1	S003-219		martin lk inlet, .5 mi e of typo ck dr, 1 mi n of martin lk		ANOKA 3

Aquatic life NS =Chloride FS 0/21[3] \$pH FS 5/38[3] \$Turbid\_TT\_TSS NS 29/47[5](10/19[3] 19/28[4] --/--[--])  
 Ecoregion norms EX =Phosphorus EX 8/18[3]

<b>07030005-568</b>	<b>3A</b>	<b>3.9</b>	<b>Trout Brook</b>	<b>Unnamed cr to St Croix R</b>	<b>2B, 3B</b>
MNPCA1	S004-482		trout bk (trib to lk st. croix) at afton alps		WASHDIST 16
MNPCA1	S004-982		trout bk at afton st pk main hiking trail, 2.5 mi s of afton		LSCWMO-S 10
MPCAB	99SC001		Trout Brook; above mouth in Afton State Park		metro surveys 1

Aquatic life NS +Chloride FS 0/16[2] +pH FS 0/10[2] !!!Turbid\_TT\_TSS NS 8/31[3](0/1[1] 0/2[1] 8/28[2])  
 Aquatic recreation IF +E. coli IF 0/11Ind 0/0mo  
 Ecoregion norms EX +Phosphorus EX 2/16[2]

<b>07030005-569</b>	<b>3B</b>	<b>3.6</b>	<b>Unnamed creek</b>	<b>Headwaters to N Br Sunrise R</b>	<b>2B, 3B</b>
MNPCA1	S003-467		unn trib to n br sunrise r, 1.8 mi s of n branch, mn		CSMP 73
Aquatic life	NS		!!!Turbid_TT_TSS NS 9/73[3](--/--[--] 9/73[3] --/--[--])		

<b>07030005-570</b>	<b>2</b>	<b>7.0</b>	<b>Dry Creek</b>	<b>Unnamed cr to St Croix R</b>	<b>2B, 3B</b>
MNPCA1	S001-421		dry ck near cr-71 2 mi ne of almelund		CSMP 83
MNPCA1	S003-469		dry ck at reed avenue, n of csah 16, 1.6 mi ne of almelund		CSMP 80
MNPCA1	S003-471		dry ck at reed avenue, 1.5 mi e of almelund, mn		CSMP 47

Aquatic life FS =Turbid\_TT\_TSS FS 11/206[9](--/--[--] 11/206[9] --/--[--])

<b>07030005-571</b>	<b>3A</b>	<b>3.2</b>	<b>Unnamed creek</b>	<b>Vibo Lk to Sunrise R</b>	<b>2B, 3B</b>
MNPCA1	S001-693		dry ck at brg on vibo trail, 4.5 mi w of almelund		CSMP 23
Aquatic life	NS		!!!Turbid_TT_TSS NS 5/23[6](--/--[--] 5/23[6] --/--[--])		

<b>07030005-572</b>	<b>5C</b>	<b>2.0</b>	<b>Unnamed creek</b>	<b>Headwaters to South Center Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-688		unn trib to n cedar lk, 1 mi e of center city		CSMP 157
Aquatic life	FS		\$Turbid_TT_TSS FS 13/157[8](--/--[--] 13/157[8] --/--[--])		

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Agency	Station		Location				Project
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<b>07030005-574</b>	<b>3A</b>	<b>2.3</b>	<b>Lawrence Creek</b>	<b>T33 R19W S3, north line to St Croix R</b>	<b>1B, 2A, 3B</b>			
MNPCA1	S004-034		lawrence ck at franconia tr, in franconia, mn			MDAWQMP	8	
MNPCA1	S004-034		lawrence ck at franconia tr, in franconia, mn			CHIS_BLM	73	
MPCAB	00SC002		Lawrence Creek; upstream of Summer Street in Franconia			metro surveys	1	
Aquatic life	FS	+Chloride FS 0/71[3] DO12 -- 0/74[4] DO5_9am FS 0/3[2] DO5_All FS 0/50[4] DO7 FS 0/24[3] +DOFinal IF[[3]] +pH FS 3/148[4] +Turbid_TT_TSS FS 2/73[4](2/73[4] 0/4[3] --/--[--]) +Un-ionized ammonia FS 0/64[3]						
Aquatic recreation	IF	+E. coli IF 0/24Ind 0/0mo						
Drinking Water	FS	+NO2&NO3 FS 0/75[3]						
Ecoregion norms	EX	+NO2&NO3 EX 75/75[3] +Phosphorus EX 8/71[3]						
<b>07030005-576</b>	<b>5C</b>	<b>0.5</b>	<b>Unnamed creek (Boot Lake Inlet)</b>	<b>Rice Lk to Boot Lk</b>	<b>2B, 3B</b>			
MNPCA1	S003-215		boot lk inlet at csah-22, 8.5 mi nw of Forest Lake			ANOKA	16	
Aquatic life	IF	=Chloride FS 0/16[2] <>pH FS 3/32[2]						
Ecoregion norms	EX	=Phosphorus EX 3/16[2]						
<b>07030005-578</b>	<b>3B</b>	<b>0.5</b>	<b>Unnamed creek (Island Lake Inlet)</b>	<b>Linwood Lk to Island Lk</b>	<b>2B, 3B</b>			
MNPCA1	S003-221		island lk inlet at csah-22, 5 mi nw of wyoming			ANOKA	7	
Aquatic life	IF	=Chloride FS 0/7[1] =pH FS 1/14[1]						
<b>07030005-579</b>	<b>5C</b>	<b>0.8</b>	<b>Unnamed creek (Martin Lake Inlet)</b>	<b>Island Lk to Martin Lk</b>	<b>2B, 3B</b>			
MNPCA1	S003-212		martin lk inlet from island lk, 5.5 mi nw of wyoming			ANOKA	17	
Aquatic life	IF	=Chloride FS 0/17[3] <>pH FS 3/34[3]						
Ecoregion norms	OK	=Phosphorus OK 0/17[3]						
<b>07030005-580</b>	<b>5A</b>	<b>1.4</b>	<b>Unnamed creek</b>	<b>Headwaters to W Br Sunrise R</b>	<b>2B, 3B</b>			
MNPCA1	S003-223		unn trib to martin lk at cr-85, 6.5 mi nw of wyoming			ANOKA	15	
Aquatic life	IF	=Chloride FS 0/15[2] \$pH FS 4/30[2]						
Ecoregion norms	EX	=Phosphorus EX 4/15[2]						
<b>07030005-581</b>	<b>3C</b>	<b>1.5</b>	<b>Unnamed creek</b>	<b>Unnamed ditch to W Br Sunrise R</b>	<b>2B, 3B</b>			
MNPCA1	S003-210		unn dtch (cedar ck), .5 mi s of csah-20, 8 mi se of isanti			ANOKA	21	
Aquatic life	NS	=Chloride FS 0/7[1] +pH FS 1/30[3] !!!Turbid_TT_TSS NS 4/21[3](4/19[3] --/--[--] 0/2[1])						
Ecoregion norms	EX	=Phosphorus EX 15/20[3]						
<b>07030005-582</b>	<b>3C</b>	<b>2.7</b>	<b>Unnamed ditch</b>	<b>Headwaters to W Br Sunrise R</b>	<b>2B, 3B</b>			
MNPCA1	S003-190		unn trib to cty dtch 13, 500 ft upstrm of csah-20			ANOKA	11	
Aquatic life	IF	=Chloride FS 0/8[1] <>pH FS 1/20[2]						
Ecoregion norms	EX	=Phosphorus EX 7/11[2]						

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07030005-584	5A	15.7	Rock Creek	Rock Lk to St Croix R	1B, 2Bd, 3C
MNPCA1	S001-420		rock ck 3 mi ne of rush city		CSMP 312
MNPCA1	S001-652		rock ck, 3.5 mi s of pine city		CSMP 212
MNPCA1	S004-362		rock ck at csah-5, 0.2 mi above st croix r, 1.2 mi s rock ck		CHIS_BLM 48
MPCAB	06SC023		Rock Creek; Downstream of CR 104, 4 miles NE of Rush City		EMAP 1
MPCAB	07SC004		Rock Creek; Upstream of CR 104, 2 mi. SE of Rock Creek		TMDL 1
MPCAB	07SC005		Rock Creek; Downstream of MN 361, 1 mi. NW of Rock Creek		TMDL 1
MPCAB	96SC022		Rock Creek; Near C.S.A.H. 3, 3 mi. N.E. of Rush City		EMAP 1

Aquatic life FS +Chloride FS 0/48[2] DO12 -- 0/51[3] DO5\_9am FS 0/28[2] DO5\_All FS 0/37[3] DO7 FS 0/14[2] +DOFinal FS[[2]] +pH FS 0/102[3] =Turbid\_TT\_TSS FS 3/51[3](3/51[3] 22/458[10] --/--[--]) +Un-ionized ammonia FS 0/43[2]

Aquatic recreation IF +E. coli IF 2/24Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/47[3]

Ecoregion norms EX +Phosphorus EX 19/46[3]

07030005-586	3A	1.1	Browns Creek	Headwaters to T30 R21W S1, south line	2B, 3B
MNPCA1	S004-458		unn str (brown's ck) at 110th st, 5 mi nw of stillwater		WASHDIST 37

Aquatic life NS +Chloride FS 0/29[2] !!!Turbid\_TT\_TSS NS 9/29[2](9/29[2] 0/1[1] 2/2[1])

Aquatic recreation IF +E. coli IF 1/10Ind 0/0mo

Ecoregion norms EX +BOD5 EX 8/26[2] +Phosphorus EX 11/30[2]

07030005-587	5A	2.4	Browns Creek	T30 R21W S12, north line to T30 R21W S13, east line	1B, 2A, 3B
MNPCA1	S001-974		browns cr at bike trl 4 mi nw of stillwater, mn		CSMP 102
MNPCA1	S001-974		browns cr at bike trl 4 mi nw of stillwater, mn		WASHDIST 19
MNPCA1	S004-456		unn str (brown's ck) at csah-15, 2 mi nw of stillwater		WASHDIST 68
MNPCA1	S004-726		browns ck, e of lansing ave n, 4.5 mi nw of stillwater		CSMP 8
MPCAB	07SC001		Browns Creek; Upstream of Hwy 15 (Manning Ave), 2.5 mi. NW of Stillwater		TMDL 2
MPCAB	96SC066		Browns Creek; @ C.R. 68, 4 mi. N.W. of Stillwater		TMDL 1

Aquatic life NS +Chloride FS 0/75[4] DO12 -- 6/21[3] DO5\_9am NS 1/1[1] DO5\_All NS 6/17[3] DO7 FS 0/4[2] !!!DOFinal NS[[0]] +pH FS 0/12[1] !!!Turbid\_TT\_TSS NS 12/36[2](12/36[2] 0/116[6] 6/30[3])

Aquatic recreation IF +E. coli IF 1/10Ind 0/0mo

Ecoregion norms EX +BOD5 EX 6/31[2] +Phosphorus EX 14/71[4]

07030005-596	2	0.2	Unnamed creek	Unnamed cr to Unnamed cr	2B, 3B
MNPCA1	S003-474		unn trib to sunrise r at poor farm rd, 7 mi e of n br, mn		CSMP 65

Aquatic life FS =Turbid\_TT\_TSS FS 0/65[5](--/--[--] 0/65[5] --/--[--])

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07030005-601</b>	<b>3A</b>	<b>1.8</b>	<b>Unnamed creek</b>	<b>Unnamed lk to Big Carnelian Lk</b>	<b>2B, 3B</b>
MNPCA1	S004-461		unn str (carnelian ck) at ozark trail		CMWD-S 15
MNPCA1	S004-461		unn str (carnelian ck) at ozark trail		CSMP 32
MNPCA1	S004-461		unn str (carnelian ck) at ozark trail		WASHDIST 146
MPCAB	99SC021		trib. to Big Carnelian Lake; upstream of Ozark Trail, road along NW shore of Big Carnelian Lake		metro surveys 1

Aquatic life NS +Chloride FS 0/98[6] DO12 -- 2 29[8] DO5\_9am FS 0/6[3] DO5\_All NS 2/19[6] DO7 FS 0/10[6] +DOFinal IF[[1]] !!!Turbid\_TT\_TSS NS 70/293[10](0/2[2] 0/61[9] 70/230[9])

Aquatic recreation NS !!!E. coli NS 3/15Ind 0/0mo

Ecoregion norms EX +Phosphorus EX 30/145[9]

<b>07030005-603</b>	<b>3A</b>	<b>0.6</b>	<b>Unnamed creek</b>	<b>Big Carnelian Lk to Little Carnelian Lk</b>	<b>2B, 3B</b>
MNPCA1	S004-459		unn str (carnelian ck) at big carnelian lk outlet		WASHDIST 68

Aquatic life FS +Chloride FS 0/46[3] +Turbid\_TT\_TSS FS 0/92[4](--/--[ ] 0/44[4] 0/48[4])

Ecoregion norms OK +Phosphorus OK 0/65[4]

<b>07030005-606</b>	<b>3A</b>	<b>3.1</b>	<b>Unnamed creek</b>	<b>Headwaters to St Croix R</b>	<b>2B, 3B</b>
MNPCA1	S004-462		unn str (kelles coulee) at st. croix trail in afton		LSCWMO-S 11
MNPCA1	S004-462		unn str (kelles coulee) at st. croix trail in afton		WASHDIST 16
MPCAB	99SC017		tributary to St. Croix River; north of CR 21 and 36th		metro surveys 1

Aquatic life NS +Chloride FS 0/15[2] DO12 -- 0/20[3] DO5\_9am FS 0/4[1] DO5\_All FS 0/20[3] +DOFinal IF[[0]] +pH FS 0/10[2] !!!Turbid\_TT\_TSS NS 10/31[3](0/1[1] 1/4[1] 9/26[2])

Aquatic recreation IF +E. coli IF 6/11Ind 0/0mo

Ecoregion norms EX +Phosphorus EX 2/16[2]

<b>07030005-607</b>	<b>3A</b>	<b>0.6</b>	<b>Unnamed creek</b>	<b>Unnamed cr to O'Connors Lk</b>	<b>2B, 3B</b>
MNPCA1	S004-478		unn str (trib to o'conner's lk) at st. croix trail		WASHDIST 16
MPCAB	99SC018		tributary to O'Connor's Lake; south of junction CR 21 and 80th		metro surveys 1

Aquatic life FS +Chloride FS 0/12[1] +Turbid\_TT\_TSS FS 2/22[2](0/1[1] 0/3[1] 2/18[1])

Aquatic recreation IF +E. coli IF 0/5Ind 0/0mo

Ecoregion norms OK +Phosphorus OK 1/12[1]

<b>07030005-612</b>	<b>3A</b>	<b>2.2</b>	<b>Unnamed creek</b>	<b>Headwaters to St Croix R</b>	<b>2B, 3B</b>
MNPCA1	S004-464		unn str (perro ck) at 6th st. in bayport		WASHDIST 39
MPCAB	99SC007		Perro Creek; upstream of 2nd Ave. S, in Bayport		metro surveys 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 11/53[4](0/1[1] --/--[ ] 11/52[3])

Aquatic recreation NS !!!E. coli NS 2/15Ind 0/0mo

Ecoregion norms EX +Phosphorus EX 6/27[3]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				

<b>07030005-619</b>	<b>2</b>	<b>0.6</b>	<b>Unnamed creek</b>		<b>Headwaters to Jonason Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-478		unn outlet from jonason lk at csah 10, 5 mi ne of cambridge			CSMP	110
Aquatic life	FS	=Turbid_TT_TSS FS 10/110[5](--/--[ ] 10/110[5] --/--[ ])					
<b>07030005-620</b>	<b>3A</b>	<b>0.9</b>	<b>Unnamed creek</b>		<b>T30 R20W S19, south line to Brown's Cr</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-475		unn str (trib to mckusick lk) at the brown's ck diversion			WASHDIST	52
MNPCA1	S004-475		unn str (trib to mckusick lk) at the brown's ck diversion			CSMP	7
Aquatic life	NS	+Chloride FS 0/35[3] !!!Turbid_TT_TSS NS 15/47[3](1/2[1] 0/11[3] 14/34[3])					
Aquatic recreation	NS	!!!E. coli NS 2/15Ind 0/0mo					
Ecoregion norms	EX	+BOD5 EX 3/10[1] +Phosphorus EX 14/39[3]					
<b>07030005-637</b>		<b>0.4</b>	<b>Unnamed creek</b>		<b>Moody Lk to Bone Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-471		unn str (trib to bone lk) at 238th st, 6 mi e of Forest Lake			WASHDIST	38
Aquatic life	NS	!!!Turbid_TT_TSS NS 14/64[3](--/--[ ] 0/4[2] 14/60[3])					
Aquatic recreation	IF	+E. coli IF 0/3Ind 0/0mo					
Ecoregion norms	EX	+Phosphorus EX 27/35[3]					
<b>07030005-639</b>		<b>0.0</b>	<b>Unnamed creek</b>		<b>Bone Lk to Unnamed lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-463		unn str (bone lk outlet) at lofton ave, 6 mi ne of forest lk			WASHDIST	40
Aquatic life	FS	+Turbid_TT_TSS FS 2/66[4](--/--[ ] 0/6[3] 2/60[4])					
Aquatic recreation	IF	+E. coli IF 0/4Ind 0/0mo					
Ecoregion norms	OK	+Phosphorus OK 1/36[4]					
<b>07030005-641</b>		<b>1.7</b>	<b>Unnamed creek</b>		<b>Unnamed lk to Birch Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-883		unn str to birch lk at manning trl, 4.5 mi e of Forest Lake			COMFOR-S	23
Aquatic life	NS	+Chloride FS 0/10[1] DO12 -- 11/20[1] DO5_9am NS 4/6[1] DO5_All NS 10/18[1] DO7 NS 1/2[1] !!!DOFinal NS[[1]]					
Aquatic recreation	NS	!!!E. coli NS 1/15Ind 2/3mo					
Ecoregion norms	OK	+Phosphorus OK 1/10[1]					
<b>07030005-643</b>		<b>0.8</b>	<b>Unnamed creek</b>		<b>Shields Lk to Forest Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-472		unn str (trib to forest lk) at mn-97, 1 mi se of Forest Lake			WASHDIST	16
Aquatic life	NS	!!!Turbid_TT_TSS NS 5/27[2](--/--[ ] 0/1[1] 5/26[2])					
Aquatic recreation	IF	+E. coli IF 0/2Ind 0/0mo					
Ecoregion norms	EX	+Phosphorus EX 10/14[2]					

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07030005-644</b>	<b>0.2</b>	<b>Unnamed creek</b>	<b>Unnamed lk (82-0296-00) to Bass Lk</b>	<b>2B, 3B</b>
MNPCA1	S004-460	unn str (carnelian ck) at may ave		WASHDIST 95
MNPCA1	S004-460	unn str (carnelian ck) at may ave		CMWD-S 11
MNPCA1	S004-460	unn str (carnelian ck) at may ave		CSMP 9

Aquatic life NS +Chloride FS 0/68[5] DO12 -- 13/24[4] DO5\_9am NS 1/2[2] DO5\_All NS 11/18[4] DO7 NS 2/6[3] !!!DOFinal NS[[0]] +Turbid\_TT\_TSS FS 11/184[7](--/--) 0/32[6] 11/152[6])

Aquatic recreation IF +E. coli IF 0/4Ind 0/0mo

Ecoregion norms EX +Phosphorus EX 14/102[7]

<b>07030005-650</b>	<b>2.5</b>	<b>Unnamed creek</b>	<b>Armstrong Lk to Wilmes Lk</b>	<b>2B, 3B</b>
MNPCA1	S004-481	unn str (trib to wilmes lk) off huson rd and i-94		WASHDIST 156

Aquatic life NS !!!Chloride NS 3/95[6] !!!Turbid\_TT\_TSS NS 144/268[9](1/2[1] 2/18[4] 141/248[9])

Aquatic recreation IF +E. coli IF 3/13Ind 0/0mo

Ecoregion norms EX +Phosphorus EX 86/144[9]

<b>07030005-684</b>	<b>0.6</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S004-983	unn str (o'conner's ck) at 80th st, 4.5 mi s of afton		LSCWMO-S 9

Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

<b>07030005-713</b>	<b>0.4</b>	<b>Unnamed creek</b>	<b>Unnamed cr to St Croix R</b>	<b>2B, 3B</b>
MNPCA1	S004-886	unn str (swedish flag ck) at quinnel ave		CARMAR-S 42

Aquatic life IF +Chloride FS 0/12[1]

Aquatic recreation NS !!!E. coli NS 5/15Ind 3/3mo

Ecoregion norms EX +Phosphorus EX 8/13[1]

<b>07030005-722</b>	<b>2.9</b>	<b>Unnamed ditch</b>	<b>Wallmark Lk to T34 R20W S19, west line</b>	<b>7</b>
MNPCA1	S000-996	trib to sunrise r at cr-77, 2 mi nw of lindstrom		CLRECWTR 9

Limited Use Waters IF +pH FS 0/18[2]

<b>07030005-723</b>	<b>3A</b>	<b>1.2</b>	<b>Unnamed ditch</b>	<b>T34 R21W S24, east line to Sunrise R</b>	<b>2B, 3B</b>
MNPCA1	S000-997	trib to sunrise r at ivywood trail nw lindstrom		CLRECWTR 11	
MNPCA1	S000-997	trib to sunrise r at ivywood trail nw lindstrom		CHIS_BLM 19	

Aquatic life NS +Chloride FS 0/19[1] DO12 -- 3/28[3] DO5\_All NS 3/15[1] DO7 FS 0/13[3] !!!DOFinal NS[[1]] +pH FS 1/58[3] !!!Un-ionized ammonia NS 6/18[1]

Aquatic recreation IF +E. coli IF 0/11Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 4/19[1] +Phosphorus EX 17/19[1]

AUID	Category	Miles	Reach Name	Basin: SC	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		
<b>07030005-904</b>	<b>3A</b>	<b>0.8</b>	<b>Unnamed creek (Willow Branch)</b>		<b>to St Croix R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-887		unn str (willow bk) 2 mi s of marine on st. croix			CARMAR-S	44
MPCAB	99SC010		Willow Brook; upstream of Hwy 95			metro surveys	1
Aquatic life	FS		+Chloride FS 0/8[1] +Turbid_TT_TSS FS 0/35[2](0/1[1] 0/28[1] 0/6[1])				
Aquatic recreation	FS		+E. coli FS 0/15Ind 0/3mo				
<b>07030005-906</b>		<b>0.0</b>	<b>Unnamed creek</b>		<b>Little Carnelian Lk outlet</b>	<b>2B, 3B</b>	
MCES	Carnelian-Marine 3		Carnelian-Marine Outlet at Little Carnelian Lake				109
Aquatic life	NS		=Chloride FS 0/74[5] DO12 -- 4/25[6] DO5_9am FS 0/5[2] DO5_All NS 3/22[6] DO7 NS 1/3[2] !!!DOFinal NS[[0]] +Turbid_TT_TSS FS 0/84[7](0/84[7] --/--[--] --/--[--] --/--[--])				
Aquatic recreation	IF		+E. coli IF 0/1Ind 0/0mo				
<b>07030005-907</b>	<b>2</b>	<b>0.5</b>	<b>Unnamed creek (Goose Lake Inlet)</b>		<b>Headwaters to Goose Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-605		unn trib to Goose Lake, 8 mi sw of rush city			CSMP	105
Aquatic life	FS		=Turbid_TT_TSS FS 4/105[9](--/--[--] 4/105[9] --/--[--])				
<b>07030005-909</b>	<b>2</b>	<b>0.6</b>	<b>Unnamed creek</b>		<b>to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S001-697		unn trib to n br sunrise r, 2 mi se of north branch			CSMP	57
Aquatic life	FS		=Turbid_TT_TSS FS 1/57[6](--/--[--] 1/57[6] --/--[--])				
<b>07030005-913</b>	<b>3A</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>Headwaters to St Croix R</b>	<b>1B, 2A, 3B</b>	
MNPCA1	S004-884		unn str at quinnel ave, 4 mi n of marine on st. croix			CARMAR-S	33
MPCAB	99SC011		Gilbertson Creek; downstream of public access in Scandia, barrier falls to mouth			metro surveys	1
Aquatic life	NS		+Chloride FS 0/8[1] !!!Turbid_TT_TSS NS 3/26[2](0/1[1] 1/17[1] 2/8[1])				
Aquatic recreation	IF		+E. coli IF 1/14Ind 1/2mo				
<b>07030005-915</b>	<b>3C</b>	<b>0.6</b>	<b>Unnamed creek</b>		<b>Headwaters to W Br Sunrise R</b>	<b>2B, 3B</b>	
MNPCA1	S003-213		unn trib to cty dt 13, 0.3 mi upstream of csah-20			ANOKA	10
Aquatic life	IF		=Chloride FS 0/8[1] +pH FS 3/18[2]				
Ecoregion norms	EX		=Phosphorus EX 4/10[2]				



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**HUC: 07010101      DNR Major: 7      HUC NAME: MISS R-Headwaters**

07010101-501	5C	8.1	Mississippi River	Vermillion R to Blackwater/Pokegama Lk	2B, 3C
MNPCA1	S000-154		mississippi r at mn-6 bridge 8 mi sw of cohasset		8
MNPCA1	S000-154		mississippi r at mn-6 bridge 8 mi sw of cohasset	BSANDYR	7
MNPCA1	S000-154		mississippi r at mn-6 bridge 8 mi sw of cohasset	MILE	47
MNPCA1	S000-154		mississippi r at mn-6 bridge 8 mi sw of cohasset	UMISS_BV	49

Aquatic life      NS      +Chloride FS 0/7[1] DO12 -- 6/100[10] DO5\_9am NS 1/2[2] DO5\_All FS 6/63[8] \$DO7 FS 0/37[9] \$DOFinal NS[[2]] =pH FS 1/200[10] =Turbid\_TT\_TSS FS 2/102[10](2/102[10] 0/1[1] --/--[--]) +Un-ionzed ammonia FS 0/37[8]

Aquatic recreation      FS      +E. coli FS 0/29Ind 0/2mo

Ecoregion norms      OK      +BOD5 OK 0/12[3] =NO2&NO3 OK 1/40[8] =Phosphorus OK 2/30[6]

07010101-502	2	10.7	Mississippi River	Deer R to Vermillion R	2B, 3C
MNPCA1	S003-655		mississippi r at csah-3, 5.9 mi s of Deer River, minnesota		UMISS_BV 48
MNPCA1	S003-655		mississippi r at csah-3, 5.9 mi s of Deer River, minnesota	BSANDYR	7
MPCAB	99UM066		Mississippi River; ~4.0 mi. S. of Inst. 2, ~2.0 mi. W. of CR11, 6.0 mi. W. of Cohasset	EMAP	1

Aquatic life      NS      DO12 -- 2 56[4] DO5\_9am NS 1/2[2] DO5\_All FS 2/42[4] DO7 FS 0/14[2] +DOFinal IF[[2]] =pH FS 0/112[4] =Turbid\_TT\_TSS FS 0/56[4](0/56[4] --/--[--] --/--[--])

07010101-504	5C	58.2	Mississippi River	Headwaters to Schoolcraft R	2B, 3C
MNPCA1	S000-105		mississippi r mn-200 br 0.5 mi w of Lake Itasca	UP_MISS	32
MNPCA1	S000-105		mississippi r mn-200 br 0.5 mi w of Lake Itasca	MERCLKS/	5
MNPCA1	S000-105		mississippi r mn-200 br 0.5 mi w of Lake Itasca	MILE	46
MNPCA1	S000-105		mississippi r mn-200 br 0.5 mi w of Lake Itasca	RNC	1
MNPCA1	S000-105		mississippi r mn-200 br 0.5 mi w of Lake Itasca		7
MNPCA1	S001-893		mississippi r csah-37 5.5mi nw of l itasca town	UP_MISS	31
MNPCA1	S001-894		mississippi r at csah-40 4.5 mi s of alida	UP_MISS	32
MNPCA1	S001-895		mississippi r coffee pot lndg br 6mi se of alida	UP_MISS	32
MNPCA1	S001-896		mississippi r at twsp rd s grant valley hall	UP_MISS	29
MNPCA1	S001-897		mississippi r at csah 11, 1 mi sw of bemidji	UP_MISS	28
MNPCA1	S001-900		mississippi r at stumphges lndg, 13.5 mi sw of bemidji, mn	UP_MISS	31
MNPCA1	S001-901		mississippi r at csah 5, 12 mi sw of bemidji, mn	UP_MISS	32
MNPCA1	S001-902		mississippi r at csah 2, 5 mi n of lk itasca, mn	UP_MISS	30
MNPCA1	S001-903		mississippi r, csah 7, 6.5 mi sw of bemidji, mn	UP_MISS	31
MPCAB	00UM010		Mississippi River; Stumphges Access, NW of Hubbard Co. Rd	biocriteria	1

Aquatic life      NS      =Chloride FS 0/14[2] DO12 -- 26/72[9] DO5\_9am NS 1/1[1] DO5\_All NS 24/45[7] \$DO7 FS 2/27[9] \$DOFinal NS[[1]] =pH FS 0/148[9] =Turbid\_TT\_TSS FS 3/50[9](3/50[9] 0/2[2] --/--[--]) +Un-ionzed ammonia FS 0/323[9]

Aquatic recreation      FS      +E. coli FS 0/28Ind 0/1mo

Ecoregion norms      EX      +BOD5 EX 2/11[3] =NO2&NO3 OK 7/351[9] =Phosphorus EX 33/63[8]

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010101-506</b>	<b>2</b>	<b>2.6</b>	<b>Mississippi River</b>		<b>Leech Lake R to Ball Club R</b>	<b>2B, 3C</b>	
MNPCA1	S003-654		mississippi r at cr-18, 5.7 mi sw of Deer River, minnesota			BSANDYR	6
MNPCA1	S003-654		mississippi r at cr-18, 5.7 mi sw of Deer River, minnesota			UMISS_BV	49
Aquatic life	FS		DO12 -- 0/55[3] DO5_9am FS 0/2[2] DO5_All FS 0/40[3] DO7 FS 0/15[2] +DOFinal IF[[2]] =pH FS 0/110[3] =Turbid_TT_TSS FS 0/55[3](0/55[3] --/--[--] --/--[--])				
<b>07010101-507</b>	<b>2</b>	<b>11.0</b>	<b>Mississippi River</b>		<b>Cass Lk to Lk Winnibigoshish</b>	<b>2B, 3C</b>	
MNPCA1	S002-037		mississippi r (cass lk out) blw knutson dam 7.5 mi ne cass l			CASSWINI	11
MNPCA1	S002-283		mississippi r at forest route 2171, 9 mi ne of cass lake			CASSWINI	13
MNPCA1	S002-283		mississippi r at forest route 2171, 9 mi ne of cass lake			CWPLONGP	17
Aquatic life	IF		=Chloride FS 0/16[1] DO12 -- 0/31[3] DO5_9am FS 0/8[3] DO5_All FS 0/17[3] DO7 FS 0/14[3] +DOFinal IF[[3]] =pH FS 0/66[3] +Un-ionzed ammonia FS 0/15[1]				
Ecoregion norms	EX		=NO2&NO3 EX 2/16[1] =Phosphorus EX 4/32[3]				
<b>07010101-510</b>	<b>2</b>	<b>48.7</b>	<b>Turtle River</b>		<b>Headwaters (Long Lk 04-0227-00) to Cass Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-291		turtle River at csah-12, 7 1/2 mi no of cass lake			CASSWINI	13
MPCAB	99UM021		Turtle River; ~1 mi. N. of C.R. 20, ~1 mi. W. of C.R. 33, 6.5 mi. NW of Pennington			EMAP	1
Aquatic life	IF		=pH FS 0/28[3]				
Ecoregion norms	OK		=Phosphorus OK 0/14[3]				
<b>07010101-512</b>	<b>3A</b>	<b>3.8</b>	<b>Mississippi River</b>		<b>Lk Bemidji to Stump Lk</b>	<b>2B, 3C</b>	
MNPCA1	S003-762		miss r at bike path, lk bemidji outlet, 2 mi ne of bemidji			CSMP	83
Aquatic life	FS		+Turbid_TT_TSS FS 0/83[4](--/--[--] 0/83[4] --/--[--])				
<b>07010101-513</b>	<b>2</b>	<b>6.3</b>	<b>Mississippi River</b>		<b>Stump Lk to Wolf Lk</b>	<b>2B, 3C</b>	
MNPCA1	S000-155		mississippi r at br on csah-8 7 mi e of bemidji				8
MNPCA1	S000-155		mississippi r at br on csah-8 7 mi e of bemidji			MILE	47
MNPCA1	S002-034		mississippi r at ottertail dam on csah-12, 4 mi e of bemidji			CASSWINI	12
Aquatic life	FS		+Chloride FS 0/7[1] DO12 -- 0/55[8] DO5_All FS 0/28[6] DO7 FS 0/27[8] +DOFinal IF[[2]] =pH FS 0/110[8] =Turbid_TT_TSS FS 4/57[8](4/57[8] 0/2[2] --/--[--]) +Un-ionzed ammonia FS 0/37[8]				
Aquatic recreation	FS		+E. coli FS 0/29Ind 0/2mo				
Ecoregion norms	OK		+BOD5 OK 1/12[3] =NO2&NO3 OK 3 39[8] =Phosphorus OK 1/40[8]				
<b>07010101-514</b>	<b>2</b>	<b>2.0</b>	<b>Mississippi River</b>		<b>Wolf Lk to Andrusia Lk</b>	<b>2B, 3C</b>	
MNPCA1	S002-035		mississippi r on csah-8, 5 mi nw of cass lake			CASSWINI	12
Aquatic life	IF		=pH FS 0/24[2]				
Ecoregion norms	OK		=Phosphorus OK 0/12[2]				
<b>07010101-515</b>	<b>2</b>	<b>0.6</b>	<b>Mississippi River</b>		<b>Andrusia Lk to Cass Lk</b>	<b>2B, 3C</b>	
MNPCA1	S002-036		mississippi r on csah-33, 4 mi nw of cass lake			CASSWINI	12
Aquatic life	IF		=pH FS 0/24[2]				
Ecoregion norms	OK		=Phosphorus OK 1/12[2]				

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010101-526</b>	<b>2</b>	<b>24.8</b>	<b>Third River</b>		<b>Skimmerhorn Lk to Lk Winnibigoshish</b>	<b>2B, 3B</b>	
MNPCA1	S002-290		third River at csah-33, 19 mi ne of cass lake			CASSWINI	14
MPCAB	00UM007		Third River; upstream of F.R. 2171			biocriteria	1
Aquatic life	IF		=pH FS 0/28[3]				
Ecoregion norms	EX		=Phosphorus EX 3/15[3]				
<b>07010101-590</b>	<b>2</b>	<b>5.3</b>	<b>Castle Creek</b>		<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-279		castle ck at forest route 2171, 17 1/2 mi ne of cass lake			CASSWINI	13
Aquatic life	IF		=pH FS 0/24[2]				
Ecoregion norms	EX		=Phosphorus EX 6/13[2]				
<b>07010101-606</b>	<b>2</b>	<b>4.5</b>	<b>Farley Creek</b>		<b>Farley Lk to Unnamed lk (31-0895-00)</b>	<b>2C</b>	
MNPCA1	S002-281		farley ck at csah-33, 22 mi nw of Deer River			CASSWINI	13
Aquatic life	IF		=pH FS 0/24[2]				
Ecoregion norms	EX		=Phosphorus EX 8/13[2]				
<b>07010101-609</b>	<b>3B</b>	<b>3.6</b>	<b>Simpson Creek</b>		<b>Headwaters to Little Cut Foot Sioux Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-288		simpson creek at csah-33, 19 mi nw of Deer River			CASSWINI	12
Aquatic life	IF		=pH FS 1/22[2]				
Ecoregion norms	OK		=Phosphorus OK 0/12[2]				
<b>07010101-624</b>	<b>2</b>	<b>0.5</b>	<b>Pike Bay Creek</b>		<b>Pike Bay to Cass Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-286		Pike Bay creek on us-2 at cass lake			CASSWINI	12
Aquatic life	IF		=pH FS 0/24[2]				
Ecoregion norms	OK		=Phosphorus OK 0/12[2]				
<b>07010101-625</b>	<b>2</b>	<b>1.3</b>	<b>Midge Lake Outlet</b>		<b>Midge Lk to Mud Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-379		midge lk outlet at cr-101 brg, 4 mi nw of cass lk, mn			CSMP	38
MNPCA1	S001-379		midge lk outlet at cr-101 brg, 4 mi nw of cass lk, mn			CASSWINI	12
Aquatic life	FS		=pH FS 0/24[2] =Turbid_TT_TSS FS 0/50[5](0/12[2] 0/38[5] --/--[--])				
Ecoregion norms	OK		=Phosphorus OK 0/12[2]				
<b>07010101-626</b>	<b>2</b>	<b>0.6</b>	<b>Little Wolf Lake Outlet</b>		<b>Little Wolf Lk to Wolf Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-380		little wolf lk outlet at cr-101 brg, 4 mi nw of cass lk, mn			CASSWINI	12
MNPCA1	S001-380		little wolf lk outlet at cr-101 brg, 4 mi nw of cass lk, mn			CSMP	38
Aquatic life	FS		=pH FS 0/24[2] =Turbid_TT_TSS FS 0/50[5](0/12[2] 0/38[5] --/--[--])				
Ecoregion norms	OK		=Phosphorus OK 0/12[2]				

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				
<b>07010101-627</b>	<b>2</b>	<b>1.2</b>	<b>Big Lake Creek</b>		<b>Lk Andrusia to Big Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-278		Big Lake Creek on csah-12, 7 mi e of bemidji			CASSWINI	13
MNPCA1	S002-278		Big Lake Creek on csah-12, 7 mi e of bemidji			MISS_INI	9
Aquatic life	IF	=pH FS 0/26[3]					
Aquatic recreation	IF	+E. coli IF 0/7Ind 0/0mo					
Ecoregion norms	EX	<>Phosphorus EX 2/14[3]					
<b>07010101-628</b>	<b>3B</b>	<b>2.9</b>	<b>Island Lake Creek</b>		<b>Wetland to Third River Flowage</b>	<b>2B, 3B</b>	
MNPCA1	S002-282		island ck at forest route 2171, 17 mi ne of cass lake			CASSWINI	13
Aquatic life	IF	=pH FS 0/24[2]					
Ecoregion norms	EX	=Phosphorus EX 4/13[2]					
<b>07010101-629</b>	<b>2</b>	<b>2.8</b>	<b>Cutfoot Sioux Creek</b>		<b>Little Cutfoot Sioux Lk to Cutfoot Sioux Lk (Bay)</b>	<b>2B, 3B</b>	
MNPCA1	S002-280		cutfoot sioux ck at mn-46, 17 mi nw of Deer River			CASSWINI	13
Aquatic life	IF	=pH FS 0/24[2]					
Ecoregion norms	EX	=Phosphorus EX 2/13[2]					
<b>07010101-630</b>	<b>3B</b>	<b>4.5</b>	<b>Raven Creek</b>		<b>Wetland to Lk Winnibigoshish</b>	<b>2B, 3B</b>	
MNPCA1	S002-287		Raven Creek at forest route 2171, 14 mi ne of cass lake			CASSWINI	12
Aquatic life	IF	<>pH FS 2/22[2]					
Ecoregion norms	EX	=Phosphorus EX 2/12[2]					
<b>07010101-662</b>	<b>2</b>	<b>33.7</b>	<b>Schoolcraft River</b>		<b>Schoolcraft Lk to Mississippi R</b>	<b>2B, 3B</b>	
MNPCA1	S004-311		schoolcraft r at csah-9 brg, 6 mi s of bemidji			CSMP	30
MPCAB	99UM026		SchoolCraft River; ~3.0 mi. W. of Hwy. 71, ~3.0 mi. N. of C.R. 44, 5.5 mi. SE of Becida			EMAP	1
Aquatic life	FS	+Turbid_TT_TSS FS 0/31[2](0/1[1] 0/30[1] --/--[--])					
<b>07010101-698</b>	<b>3A</b>	<b>0.3</b>	<b>Pigeon River</b>		<b>Pigeon Dam Lk to Pigeon Dam</b>	<b>2B, 3B</b>	
MNPCA1	S002-285		pigeon dam, 1 mi so. of csah-33, 21 mi nw of Deer River			CASSWINI	13
Aquatic life	IF	+pH FS 0/24[2]					
Ecoregion norms	EX	+Phosphorus EX 3/13[2]					
<b>07010101-723</b>		<b>1.7</b>	<b>Mississippi River</b>		<b>Lk. Winnibigoshish to Little Winnibigoshish Lk</b>	<b>2B, 3C</b>	
MNPCA1	S002-284		mississippi r at lk winni olt on csah-9, 9 mi ne of bena			CASSWINI	12
Aquatic life	IF	+pH FS 0/24[2]					
<b>07010101-916</b>		<b>0.0</b>	<b>Sugar Creek</b>		<b>to Sugar Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-289		Sugar Creek at forest route 2168, 12 mi ne of cass lake			CASSWINI	7
Aquatic life	IF	+pH FS 0/14[2]					

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '-' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					

**HUC: 07010102      DNR Major: 8      HUC NAME: LEECH LAKE RIVER**

07010102-513	4D	7.3	Leech Lake River	Bear R to Mississippi R	2B, 3B
MNPCA1	S001-925		Leech Lake r at cr-139 at mud lk dam, 8.5 mi sw of deer r		LOADSTDY 9
MNPCA1	S001-925		Leech Lake r at cr-139 at mud lk dam, 8.5 mi sw of deer r		MISS_INI 61
Aquatic life	NS	+Chloride FS 0/29[2] DO12 -- 17/60[4] DO5_9am NS 6/10[1] DO5_All NS 17/43[4] DO7 FS 0/17[4] !!!DOFinal NS[[2]] =pH FS 1/122[4] =Turbid_TT_TSS FS 1/54[4](1/54[4] 0/8[1] --/--[--]) +Un-ionzed ammonia FS 0/49[4]			
Aquatic recreation	FS	+E. coli FS 0/21Ind 0/1mo			
Ecoregion norms	EX	=BOD5 EX 9/31[2] =NO2&NO3 OK 4/64[4] =Phosphorus OK 3/62[4]			

07010102-586	3A	1.6	Shingobee River	Steel Lk to Unnamed cr	2B, 3B
MNPCA1	S003-805		shingobee r upst of cr-83, 1.6 mi e of akeley, mn.		CSMP 116
Aquatic life	FS	+Turbid_TT_TSS FS 0/116[4](--/--[--] 0/116[4] --/--[--])			

07010102-587	3A	1.3	Unnamed creek	Headwaters to Shingobee R	2B, 3B
MNPCA1	S003-804		unn trib to shingobee r, upst of cr-83, 1.6 mi e of akeley		CSMP 116
Aquatic life	FS	+Turbid_TT_TSS FS 0/116[4](--/--[--] 0/116[4] --/--[--])			

**HUC: 07010103      DNR Major: 9      HUC NAME: MISS R-Grand Rapids**

07010103-501	5B	27.8	Mississippi River	Sandy R to Willow R	2B, 3C
MNPCA1	S003-663		mississippi r at mn-232, 0.3 mi se of palisade, mn		UMISS_BV 49
MNPCA1	S003-663		mississippi r at mn-232, 0.3 mi se of palisade, mn		BSANDYR 41
MNPCA1	S004-515		mississippi r at csah-10, 6.25 mi ne of palisade, mn		BSANDYR 41
Aquatic life	FS	DO12 -- 0/88[4] DO5_9am FS 0/21[4] DO5_All FS 0/66[4] DO7 FS 0/22[3] +DOFinal IF[[4]] =pH FS 0/176[4] \$Turbid_TT_TSS FS 0/90[4](0/90[4] --/--[--] --/--[--])			

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Agency	Station		Location				Project
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07010103-502	4A	23.6	Mississippi River	Prairie R to Split Hand Cr	2B, 3C
MNPCA1	S000-220		mississippi r br on cr-441 1 mi sw of blackberry		UMISS_BV 49
MNPCA1	S000-220		mississippi r br on cr-441 1 mi sw of blackberry		MILE 47
MNPCA1	S000-220		mississippi r br on cr-441 1 mi sw of blackberry		8
MNPCA1	S000-220		mississippi r br on cr-441 1 mi sw of blackberry		MISS_INI 29
MNPCA1	S000-220		mississippi r br on cr-441 1 mi sw of blackberry		BSANDYR 6
MNPCA1	S000-220		mississippi r br on cr-441 1 mi sw of blackberry		MISS_INI / MILE 3
MNPCA1	S000-220		mississippi r br on cr-441 1 mi sw of blackberry		LOADSTDY 9

Aquatic life FS +Chloride FS 0/36[2] DO12 -- 2 124[10] DO5\_9am FS 0/2[2] DO5\_All FS 2/79[8] DO7 FS 0/45[10] +DOFinal IF[[3]] =pH FS 0/248[10] =Turbid\_TT\_TSS FS 2/120[10](2/120[10] 0/8[1] --/--[--]) +Un-ionized ammonia FS 0/56[9]

Aquatic recreation FS +E. coli FS 0/46Ind 0/7mo

Ecoregion norms OK +BOD5 OK 0/12[3] <>NO2&NO3 OK 7/72[9] <>Phosphorus OK 3/64[9]

07010103-503	4A	2.8	Mississippi River	Grand Rapids Dam to Prairie R	2B, 3C
MNPCA1	S002-635		mississippi r ush169 bridge in grand rapids		UMISS_BV 49
MNPCA1	S002-635		mississippi r ush169 bridge in grand rapids		T-TUBE 3
MNPCA1	S002-635		mississippi r ush169 bridge in grand rapids		BSANDYR 7
MNPCA1	S003-656		mississippi r at 7th ave, in grand rapids, minnesota		UMISS_BV 49
MPCAB	00UM090		Mississippi River; downstream of Hwy 169 in Grand Rapids		biocriteria 1

Aquatic life FS DO12 -- 0/60[5] DO5\_9am FS 0/2[2] DO5\_All FS 0/43[5] DO7 FS 0/17[3] +DOFinal IF[[2]] =pH FS 0/120[5] =Turbid\_TT\_TSS FS 0/57[4](0/57[4] 0/3[1] --/--[--])

07010103-505	4A	32.3	Mississippi River	Swan R to Sandy R	2B, 3C
MNPCA1	S000-153		Mississippi River at jacobson		BSANDYR 40
MNPCA1	S000-153		Mississippi River at jacobson		MERCLKS/ 6
MNPCA1	S004-514		mississippi r at csah-10, 14.5 mi ne of palisade, mn		BSANDYR 41

Aquatic life FS =Arsenic FS 0/6[2] =Cadmium FS 0/6[2] =Copper FS 0/6[2] DO12 -- 0/39[2] DO5\_9am FS 0/6[2] DO5\_All FS 0/32[2] DO7 FS 0/7[1] +DOFinal IF[[1]] =Lead FS 0/6[2] =Mercury FS 0/6[2] +Nickel FS 0/6[2] +pH FS 0/76[3] +Turbid\_TT\_TSS FS 0/41[2](0/41[2] --/--[--] --/--[--]) =Zinc FS 0/6[2]

07010103-506	5B	70.7	Swan River	Swan Lk to Mississippi R	2B, 3B
MNPCA1	S000-286		swan River at jacobson		T-TUBE 3
MNPCA1	S000-935		swan r at csah-21 4 mi s of bovey		SRCL/SAU 1
MNPCA1	S000-935		swan r at csah-21 4 mi s of bovey		CSMP 174
MNPCA1	S001-438		swan r 2 1/2 mi w of jacobson, mn		CSMP 81
MNPCA1	S001-922		swan r at itasca cr-431 brg, 4 mi ne of jacobson		MISS_INI 60
MNPCA1	S003-666		swan r at csah-70, 3.5 mi se of coleraine		T-TUBE 3

Aquatic life FS +Chloride FS 0/29[2] DO12 -- 2 62[5] DO5\_9am FS 2/24[4] DO5\_All FS 2/45[5] \$DO7 FS 0/17[5] \$DOFinal FS[[3]] =pH FS 0/124[5] =Turbid\_TT\_TSS FS 0/63[5](0/63[5] 1/254[10] --/--[--]) +Un-ionized ammonia FS 0/57[4]

Aquatic recreation FS +E. coli FS 0/20Ind 0/0mo

Ecoregion norms EX =BOD5 EX 6/28[2] <>NO2&NO3 EX 7/60[4] =Phosphorus EX 29/58[4]

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<b>07010103-507</b>	<b>4A</b>	<b>13.8</b>	<b>Mississippi River</b>		<b>Split Hand Cr to Swan R</b>	<b>2B, 3C</b>	
MNPCA1	S003-519		mississippi r at boat landing 1 mile north of jacobson, mn			CSMP	30

Aquatic life FS =Turbid\_TT\_TSS FS 0/30[3](--/--[ ] 0/30[3] --/--[ ])

<b>07010103-508</b>	<b>2</b>	<b>7.2</b>	<b>Prairie River</b>		<b>Prairie Lk to Mississippi R</b>	<b>2B, 3B</b>	
MNPCA1	S001-924		prairie r at csah 61 brg, 3.5 mi ne of grand rapids			MISS_INI	65
MNPCA1	S003-667		prairie r at us-169 brg, 2 mi ne of grand rapids			T-TUBE	3

Aquatic life FS +Chloride FS 0/29[2] DO12 -- 0/63[5] DO5\_9am FS 0/4[1] DO5\_All FS 0/44[5] DO7 FS 0/19[5] +DOFinal IF[[2]] =pH FS 1/128[5] =Turbid\_TT\_TSS FS 0/67[5](0/67[5] --/--[ ] --/--[ ]) +Un-ionzed ammonia FS 0/60[4]

Aquatic recreation IF +E. coli IF 0/20Ind 0/0mo

Ecoregion norms EX =BOD5 EX 5 31[2] <>NO2&NO3 EX 9/64[4] =Phosphorus OK 2/62[4]

<b>07010103-509</b>	<b>3A</b>	<b>45.8</b>	<b>Willow River</b>		<b>Moose R to Mississippi R</b>	<b>2B, 3B</b>	
MNPCA1	S004-407		willow River at csah-5, 1.5 mi n of palisade, mn			MISS_INI	33

Aquatic life FS +Chloride FS 0/30[2] DO12 -- 0/31[2] DO5\_9am FS 0/22[2] DO5\_All FS 0/22[2] DO7 FS 0/9[2] +DOFinal FS[[2]] +pH FS 0/62[2] +Turbid\_TT\_TSS FS 0/32[2](0/32[2] 0/1[1] --/--[ ]) +Un-ionzed ammonia FS 0/30[2]

Aquatic recreation FS +E. coli FS 0/20Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 11/33[2] +Phosphorus EX 17/32[2]

<b>07010103-512</b>	<b>3B</b>	<b>27.8</b>	<b>Sandy River</b>		<b>Headwaters to Big Sandy Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-578		sandy r at mn-210 brg, 3.5 mi w of tamarack			BSAL	2
MNPCA1	S001-578		sandy r at mn-210 brg, 3.5 mi w of tamarack			CSMP	48
MNPCA1	S001-625		sandy River, 2.5 mi s of tamarack			CSMP	3
MNPCA1	S002-629		sandy r at sh-65, .75 mi n of mcgregor			BSANDY-L	10
MNPCA1	S002-629		sandy r at sh-65, .75 mi n of mcgregor			BSAL	37
MNPCA1	S002-630		sandy r a cr-73, 1 mi w of mcgregor			BSAL	2
MNPCA1	S003-491		sandy r at mn-65, 2.3 mi nw of minnewawa, mn			BSANDY-L	7

Aquatic life NS DO12 -- 5/40[5] DO5\_All NS 5/21[4] DO7 FS 0/19[5] !!!DOFinal NS[[2]] =pH FS 2/84[6] =Turbid\_TT\_TSS FS 0/59[7](0/7[1] 0/52[7] --/--[ ])

Ecoregion norms EX =Phosphorus EX 19/32[3]

<b>07010103-514</b>	<b>2</b>	<b>14.5</b>	<b>West Savanna River</b>		<b>Headwaters (Little Red Horse Lk 01-0052-00) to Prairie R</b>	<b>2B, 3B</b>	
MNPCA1	S002-444		savanna r at csah-14, 7 mi ne of sheshabee, mn			BSANDY-L	10
MNPCA1	S002-444		savanna r at csah-14, 7 mi ne of sheshabee, mn			CSMP	26
MNPCA1	S002-444		savanna r at csah-14, 7 mi ne of sheshabee, mn			BSAL	38
MPCAB	00UM021		West Savanna River; @ Savanna Portage State Park			biocriteria	1

Aquatic life FS DO12 -- 1/41[6] DO5\_All FS 1/22[5] DO7 FS 0/19[5] +DOFinal IF[[2]] =pH FS 0/86[7] =Turbid\_TT\_TSS FS 0/56[7](0/8[2] 0/48[6] --/--[ ])

Ecoregion norms EX <>Phosphorus EX 4/33[4]

**Basin: UM**

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Reach Description</b>	<b>Use Class</b>	<b>Date Printed: 3/4/2009</b>
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]			#Sample Dates

<b>07010103-515</b>	<b>2</b>	<b>8.5</b>	<b>Prairie River</b>	<b>Tamarack R to West Savanna R</b>	<b>2B, 3B</b>	
MNPCA1	S002-446		prairie r at 145th avenue 6.5 mi ne of sheshabee, mn		BSAL	37
MNPCA1	S002-446		prairie r at 145th avenue 6.5 mi ne of sheshabee, mn		BSANDY-L	10
MNPCA1	S002-446		prairie r at 145th avenue 6.5 mi ne of sheshabee, mn		CSMP	21
MPCAB	00UM020		Prairie River; upstream of north/south road @ Balsam Town Hall off C.R. 64		biocriteria	1

Aquatic life FS DO12 -- 1/41[6] DO5\_All FS 1/22[5] DO7 FS 0/19[5] +DOFinal IF[[2]] =pH FS 0/86[7] +Turbid\_TT\_TSS FS 0/51[7](0/8[2] 0/43[6] --/--[--])  
 Ecoregion norms EX =Phosphorus EX 15/33[4]

<b>07010103-516</b>	<b>2</b>	<b>25.0</b>	<b>Prairie River</b>	<b>Prairie Lk to Tamarack R</b>	<b>2B, 3B</b>	
MNPCA1	S001-577		prairie r at csah-51 brg, 9.5 mi s of floodwood		BSAL	1
MNPCA1	S001-577		prairie r at csah-51 brg, 9.5 mi s of floodwood		CSMP	12
MNPCA1	S002-445		prairie r at 140th avenue 7 mi ne of sheshabee, mn		BSAL	38
MNPCA1	S002-445		prairie r at 140th avenue 7 mi ne of sheshabee, mn		BSANDY-L	10
MNPCA1	S002-445		prairie r at 140th avenue 7 mi ne of sheshabee, mn		CSMP	25

Aquatic life FS DO12 -- 1/40[5] DO5\_All FS 1/21[4] DO7 FS 0/19[5] +DOFinal IF[[2]] =pH FS 0/84[6] =Turbid\_TT\_TSS FS 0/66[8](0/7[1] 0/59[8] --/--[--])  
 Ecoregion norms EX =Phosphorus EX 11/32[3]

<b>07010103-519</b>	<b>2</b>	<b>2.4</b>	<b>Minnewawa Creek</b>	<b>Lk Minnewawa Outlet Cr to Sandy R (Flowage Lk)</b>	<b>2B, 3B</b>	
MNPCA1	S002-442		minnewawa ck at mn-65, 5 mi n of mcgregor, mn		BSAL	34
MNPCA1	S002-442		minnewawa ck at mn-65, 5 mi n of mcgregor, mn		CSMP	28
MPCAB	07UM082		Minnewawa Creek; Upstream of CR 65, 8 mi. E of Palisade		ref. ditches	1

Aquatic life FS DO12 -- 1/31[5] DO5\_All FS 1/17[4] DO7 FS 0/14[4] +DOFinal IF[[1]] =pH FS 2/64[6] =Turbid\_TT\_TSS FS 1/57[6](1/7[2] 0/50[6] --/--[--])  
 Ecoregion norms EX =Phosphorus EX 10/20[3]

<b>07010103-520</b>	<b>3A</b>	<b>0.5</b>	<b>Unnamed creek</b>	<b>Lk Minnewawa outlet to Minnewawa Cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-628		minnewawa cr at cr-6, 6 mi n of mcgregor		BSAL	13

Aquatic life IF +pH FS 0/22[1]  
 Ecoregion norms EX +Phosphorus EX 10/13[1]

<b>07010103-521</b>	<b>3A</b>	<b>25.8</b>	<b>Tamarack River</b>	<b>Headwaters (Flower Lk 09-0064-00) to Prairie R</b>	<b>2B, 3B</b>	
MNPCA1	S002-632		tamarack r at cr-20, 2 mi nw of wright		BSAL	3
MNPCA1	S003-799		tamarack r at cr-126, 2.4 mi nw of wright, mn		CSMP	51

Aquatic life FS +Turbid\_TT\_TSS FS 0/51[4](--/--[--] 0/51[4] --/--[--])

<b>07010103-522</b>	<b>3A</b>	<b>2.1</b>	<b>Prairie River</b>	<b>Savannah R to Sandy Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-613		prairie r at csah-14, 10 mi nne of mcgregor, mn		BSAL	5
MNPCA1	S004-613		prairie r at csah-14, 10 mi nne of mcgregor, mn		BSANDY-L	7

Aquatic life IF +pH FS 0/20[2]



<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: UM</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

<b>07010103-524</b>	<b>3A</b>	<b>32.5</b>	<b>Moose River</b>	<b>Headwaters to Willow R</b>	<b>2B, 3B</b>
MNPCA1	S004-408		moose r at us-169, 7.5 mi s of hill city, mn		MISS_INI 30

Aquatic life	NS	+Chloride FS 0/28[2] DO12 -- 9/29[2] DO5_9am NS 9/21[2] DO5_All NS 9/21[2] DO7 FS 0/8[2] !!!DOFinal NS[[2]] +pH FS 0/58[2] +Turbid_TT_TSS FS 0/29[2](0/29[2] --/--[2] --/--[2]) +Un-ionized ammonia FS 0/28[2]
Aquatic recreation	FS	+E. coli FS 0/19Ind 0/0mo
Ecoregion norms	EX	+NO2&NO3 OK 2/30[2] +Phosphorus EX 10/29[2]

<b>07010103-604</b>	<b>3A</b>	<b>3.8</b>	<b>County Ditch 42</b>	<b>Headwaters to Sandy River</b>	<b>7</b>
MNPCA1	S002-443		cnty dt 42 at mn-210, 1.3 mi e of mcgregor, mn		BSAL 43

MNPCA1	S002-443		cnty dt 42 at mn-210, 1.3 mi e of mcgregor, mn		CSMP 32
MNPCA1	S003-485		cd-42 (aka cd-5) at cr-8, 0.8 m s of mcgregor, minnesota		BSAL 6
MNPCA1	S003-485		cd-42 (aka cd-5) at cr-8, 0.8 m s of mcgregor, minnesota		CSMP 6
MNPCA1	S003-486		cd-42 (aka cd-5) at mn-65, 1 m se of mcgregor, minnesota		CSMP 7
MNPCA1	S003-486		cd-42 (aka cd-5) at mn-65, 1 m se of mcgregor, minnesota		BSAL 7

Limited Use Waters	IF	DO12 -- 2 40[5] DO5_9am FS 0/1[1] DO5_All FS 2/21[4] DO7 FS 0/19[5] +DOFinal IF[[2]] +pH FS 0/82[5]
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<b>07010103-613</b>	<b>3A</b>	<b>2.4</b>	<b>Unnamed creek</b>	<b>Headwaters to Horseshoe Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-319		horseshoe l inlet at csah-40, 9.4 miles ne of mcgregor, mn		BSAL 7

Aquatic life	IF	+pH FS 0/14[1]
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**HUC: 07010104      DNR Major: 10      HUC NAME: MISS R-Brainerd**

<b>07010104-501</b>	<b>5B</b>	<b>20.3</b>	<b>Mississippi River</b>	<b>Pine R to Brainerd Dam</b>	<b>2B, 3C</b>
MNPCA1	S000-169		mississippi r above dam at brainerd		RNC 6

Aquatic life	IF	+pH FS 0/12[1]
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**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      **Date Printed: 3/4/2009**  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

**07010104-502**      **2**      **37.0**      **Swan River**      **Headwaters (Big Swan Lk 77-0023-00) to Mississippi R**      **2B, 3B**

MNPCA1	S001-059		swan r at csah-13 8 mi se of long prairie		SWAN-S	7
MNPCA1	S001-991		swan r on csah 6, 8 miles e of swanville, mn		SWANTMDL	68
MNPCA1	S001-992		swan r on explorer dr, 1.4 mi nw of swanville, mn		SWANTMDL	64
MNPCA1	S001-993		swan r on csah 12 in swanville, mn		SWANTMDL	70
MNPCA1	S001-994		swan r on cr 222 in sobieski, mn		SWANTMDL	70
MNPCA1	S001-996		swan r on snth 238, 3 mi sw of little falls, mn		SWANTMDL	70
MNPCA1	S001-997		swan r on 80th ave. 2 mi sw of sobieski, mn		SWANTMDL	68
MNPCA1	S002-378		swan r outlet on flicker rd, just s of pillsbury		SWANTMDL	26
MNPCA1	S004-223		swan r at cr-219, .25 mi n of swanville		CSMP	51

Aquatic life      NS      =Chloride FS 0/6[2] DO12 -- 13/76[5] DO5\_9am FS 0/4[2] DO5\_All NS 13/55[5] DO7 FS 0/21[4] !!!DOFinal NS[[2]] =pH FS 1/156[5] =Turbid\_TT\_TSS FS 1/71[4](1/71[4] 0/51[3] 0/12[1]) +Un-ionzed ammonia FS 0/426[5]  
 Aquatic recreation      IF      +E. coli IF 0/1Ind 0/0mo  
 Ecoregion norms      EX      =BOD5 OK 1/70[4] =NO2&NO3 EX 300/439[4] =Phosphorus OK 0/34[4]

**07010104-503**      **5B**      **16.4**      **Mississippi River**      **Rice R to Little Willow R**      **2B, 3C**

MNPCA1	S002-010		mississippi r @ csah-1 brg @ aitkin		MISS_INI	73
MNPCA1	S002-010		mississippi r @ csah-1 brg @ aitkin		LOADSTDY	10
MNPCA1	S002-010		mississippi r @ csah-1 brg @ aitkin		RNC	7
MNPCA1	S002-010		mississippi r @ csah-1 brg @ aitkin		T-TUBE	3
MNPCA1	S002-010		mississippi r @ csah-1 brg @ aitkin		UMISS_BV	49
MNPCA1	S002-010		mississippi r @ csah-1 brg @ aitkin		BSANDYR	41
MPCAB	00UM087		Mississippi River; upstream of CR 1 north of Aitkin		nutrients	1

Aquatic life      FS      +Chloride FS 0/31[2] DO12 -- 0/153[7] DO5\_9am FS 0/71[5] DO5\_All FS 0/111[7] DO7 FS 0/42[6] +DOFinal FS[[5]] =pH FS 0/322[8] \$Turbid\_TT\_TSS FS 6/166[8](6/166[8] 0/8[1] --/--[--]) +Un-ionzed ammonia FS 0/48[4]  
 Aquatic recreation      FS      +E. coli FS 0/19Ind 0/0mo  
 Ecoregion norms      EX      =BOD5 EX 6/33[4] =NO2&NO3 EX 19/87[6] =Phosphorus EX 42/85[6]

**07010104-504**      **3A**      **1.0**      **Nokasippi River**      **Little Nokasippi R to Mississippi R**      **2B, 3B**

MNPCA1	S004-332		nokasippi r at mn-371, 3/4 mi n of fort ripley		CSMP	12
MNPCA1	S004-332		nokasippi r at mn-371, 3/4 mi n of fort ripley		NOKASI-S	14

Aquatic recreation      IF      +E. coli IF 0/14Ind 0/0mo

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010104-508</b>	<b>2</b>	<b>35.1</b>	<b>Rice River</b>	<b>Wakefield Bk to Mississippi R</b>	<b>2B, 3B</b>
MNPCA1	S002-951		rice r at cr 56, 9 miles ne of aitkin, mn		MISS_INI 86
MPCAB	00UM019		Rice River; upstream of culvert off TH 152 bridge, 2 mi. E of Kimberly		biocriteria 1

Aquatic life NS +Chloride FS 0/30[2] DO12 -- 4/62[5] DO5\_9am FS 2/35[4] DO5\_All FS 4/42[5] DO7 FS 0/20[4] +DOFinal FS[[4]] =pH FS 2/142[6] =Turbid\_TT\_TSS FS 1/86[6](1/86[6] 0/1[1] --/--[--]) +Un-ionzed ammonia FS 0/60[4]

Aquatic recreation FS +E. coli FS 0/20Ind 0/0mo

Ecoregion norms EX =BOD5 EX 7/29[3] <>NO2&NO3 EX 16/87[6] =Phosphorus EX 55/86[6]

<b>07010104-509</b>	<b>3D</b>	<b>20.7</b>	<b>Nokasippi River</b>	<b>Headwaters (Clearwater Lk 18-0038-00) to Daggett Bk</b>	<b>2B, 3B</b>
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MNPCA1	S001-617		nokasippi r at leisure ln brg, 8 mi se of brainerd		CSMP 51
MNPCA1	S004-328		nokasippi r on csah-23, 8 mi se of brainerd		CSMP 22
MNPCA1	S004-328		nokasippi r on csah-23, 8 mi se of brainerd		NOKASI-S 20
MNPCA1	S004-650		nokasippi r on csah 25, 7.9 mi se of brainerd, mn		NOKASI-S 19
MNPCA1	S004-650		nokasippi r on csah 25, 7.9 mi se of brainerd, mn		CSMP 6
MNPCA1	S004-651		nokasippi r at csah 24, 8.5 mi se of brainerd, mn		CSMP 7
MNPCA1	S004-651		nokasippi r at csah 24, 8.5 mi se of brainerd, mn		NOKASI-S 20

Aquatic life FS =Turbid\_TT\_TSS FS 0/78[9](--/--[--] 0/78[9] --/--[--])

Aquatic recreation FS +E. coli FS 0/15Ind 0/0mo

<b>07010104-510</b>	<b>3A</b>	<b>15.5</b>	<b>Nokasippi River</b>	<b>Daggett Bk to Hay Cr</b>	<b>2B, 3B</b>
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MNPCA1	S004-329		nokasippi r @ csah-9, 9 mi se of brainerd		NOKASI-S 20
MNPCA1	S004-329		nokasippi r @ csah-9, 9 mi se of brainerd		CSMP 12
MNPCA1	S004-331		nokasippi r at csah-21 brg, 7 mi ne of fort ripley		NOKASI-S 19
MNPCA1	S004-331		nokasippi r at csah-21 brg, 7 mi ne of fort ripley		CSMP 19

Aquatic life FS +Turbid\_TT\_TSS FS 0/35[3](--/--[--] 0/35[3] --/--[--])

Aquatic recreation FS +E. coli FS 0/15Ind 0/0mo

<b>07010104-511</b>	<b>2</b>	<b>9.3</b>	<b>Nokasippi River</b>	<b>Hay Cr to Little Nokasippi R</b>	<b>2B, 3B</b>
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MNPCA1	S002-956		nokassippi r at csah 2, 3 mi ne of fort ripley, mn		MISS_INI 81
MNPCA1	S002-956		nokassippi r at csah 2, 3 mi ne of fort ripley, mn		CSMP 20
MNPCA1	S002-956		nokassippi r at csah 2, 3 mi ne of fort ripley, mn		NOKASI-S 6
MNPCA1	S004-333		nokasippi r near twin lakes outlet, 4 mi ne of fort ripley		CSMP 13

Aquatic life FS +Chloride FS 0/30[3] DO12 -- 2 60[5] DO5\_9am FS 0/2[2] DO5\_All FS 2/39[4] DO7 FS 0/21[5] +DOFinal IF[[3]] =pH FS 0/136[5] =Turbid\_TT\_TSS FS 0/78[5](0/78[5] 0/33[2] --/--[--]) +Un-ionzed ammonia FS 0/60[5]

Aquatic recreation FS +E. coli FS 0/24Ind 0/1mo

Ecoregion norms EX =BOD5 EX 9/28[3] =NO2&NO3 EX 42/80[5] =Phosphorus EX 52/80[5]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010104-516</b>	<b>4A</b>	<b>13.5</b>	<b>Mississippi River</b>		<b>Brainerd Dam to Crow Wing R</b>	<b>2B, 3C</b>	
MNPCA1	S002-957		mississippi r at w college dr s in brainerd, mn				MISS_INI 46
Aquatic life	FS		DO12 -- 1/28[2] DO5_9am FS 0/2[1] DO5_All FS 1/19[2] DO7 FS 0/9[2] +DOFinal IF[[1]] =pH FS 0/70[3] =Turbid_TT_TSS FS 0/46[4](0/46[4] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/28[2]				
Ecoregion norms	EX		=BOD5 EX 4/26[3] <>NO2&NO3 EX 6/46[4] =Phosphorus EX 18/46[4]				
<b>07010104-517</b>	<b>4A</b>	<b>25.8</b>	<b>Mississippi River</b>		<b>Little Willow R to Pine R</b>	<b>2B, 3C</b>	
MNPCA1	S000-152		mississippi r. n. of crosby				MERCLKS/ 1
MNPCA1	S000-152		mississippi r. n. of crosby				RNC 7
MPCAB	00UM088		Mississippi River; Hwy. 6 N. of Crosby				nutrients 1
Aquatic life	IF		+pH FS 0/16[1]				
<b>07010104-519</b>	<b>4A</b>	<b>4.4</b>	<b>Mississippi River</b>		<b>Little Falls Dam to Swan R</b>	<b>1C, 2Bd, 3C</b>	
MNPCA1	S003-822		miss r off 6th ave in little falls, mn				CSMP 92
Aquatic life	FS		+Turbid_TT_TSS FS 0/92[4](--/--[--] 0/92[4] --/--[--])				
<b>07010104-521</b>	<b>2</b>	<b>3.9</b>	<b>Little Elk River</b>		<b>T129 R30W S1, north line to Mississippi R</b>	<b>2B, 3B</b>	
MNPCA1	S001-430		little elk r 3 mi n of little falls, mn				CSMP 28
MNPCA1	S002-950		little elk r at csah 13, 2 miles n of little falls, mn				MISS_INI 51
MNPCA1	S003-857		little elk r, nw of csah 13 and 180th st, n of little falls				CSMP 24
Aquatic life	FS		DO12 -- 0/31[2] DO5_All FS 0/21[2] DO7 FS 0/10[2] +DOFinal IF[[2]] =pH FS 0/80[3] =Turbid_TT_TSS FS 1/50[3](1/50[3] 0/52[2] 0/2[1]) +Un-ionized ammonia FS 0/32[2]				
Ecoregion norms	OK		=BOD5 OK 2/26[3] =NO2&NO3 OK 3 51[3] =Phosphorus OK 2/51[3]				
<b>07010104-530</b>	<b>2</b>	<b>13.3</b>	<b>Little Elk River</b>		<b>S Br Little Elk R to T130 R30W S36, south line</b>	<b>2C</b>	
MNPCA1	S004-301		little elk r at 125th ave brg, 2 mi nw of little falls				CSMP 71
MPCAB	99UM003		Little Elk River; Upstream of Hwy. 115, ~1 mile E. of RT. 10, 1.0 mi. NE of Randall				EMAP 1
Aquatic life	FS		+Turbid_TT_TSS FS 0/72[4](0/1[1] 0/71[3] --/--[--])				
<b>07010104-532</b>	<b>3A</b>	<b>13.5</b>	<b>Little Nokasippi River</b>		<b>Headwaters to Nokasippi R</b>	<b>2B, 3B</b>	
MNPCA1	S004-330		little nokasippi r at town line road, 10 mi ne of randall				NOKASI-S 10
MNPCA1	S004-330		little nokasippi r at town line road, 10 mi ne of randall				CSMP 11
MNPCA1	S004-334		little nokasippi r at 123rd st, 1 1/2 mi ne of fort ripley				CSMP 13
MNPCA1	S004-349		little nokasippi r at cr-122, 9.5 mi nw of harding, mn				CSMP 11
MNPCA1	S004-349		little nokasippi r at cr-122, 9.5 mi nw of harding, mn				THREERIV 30
Aquatic life	FS		+Turbid_TT_TSS FS 0/38[2](--/--[--] 0/38[2] --/--[--])				
Aquatic recreation	IF		+E. coli IF 0/6Ind 0/0mo				

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07010104-533</b>	<b>3A</b>	<b>10.8</b>	<b>Hay Creek</b>		<b>Headwaters (Unanmed Lk 18-0486-00) to Nokasippi R</b>	<b>2C</b>	
MNPCA1	S004-706		HAY CR at unknown rd (HAY CR rd) 9 mi s of baxter, mn				NOKASI-S 19
Aquatic recreation	IF	+E. coli IF 0/14Ind 0/0mo					
<b>07010104-534</b>	<b>2</b>	<b>22.5</b>	<b>Daggett Brook</b>		<b>Headwaters to Nokasippi R</b>	<b>2C</b>	
MNPCA1	S004-326		daggett bk at Nokasippi River road se, 9 mi se of brainerd				CSMP 5
MNPCA1	S004-326		daggett bk at Nokasippi River road se, 9 mi se of brainerd				NOKASI-S 6
MPCAB	00UM016		Daggett Brook; downstream of culvert @ C.R. 276, 12 mi. SW of Garrison				biocriteria 1
Aquatic recreation	IF	+E. coli IF 0/1Ind 0/0mo					
<b>07010104-565</b>	<b>3A</b>	<b>2.7</b>	<b>Molly Creek</b>		<b>Unnamed cr to Swan R</b>	<b>2B, 3B</b>	
MNPCA1	S001-995		molly cr on cr 104, 1.25 mi sw of swanville, mn				SWANTMDL 34
Aquatic life	NS	DO12 -- 20/32[3] DO5_9am FS 0/1[1] DO5_All NS 18/26[3] DO7 NS 2/6[2] !!!DOFinal NS[[1]] =pH FS 0/68[3] =Turbid_TT_TSS FS 0/34[3](0/34[3] --/--[--] --/--[--])					
Ecoregion norms	OK	+Un-ionized ammonia FS 0/31[3] =BOD5 OK 3/33[3] =NO2&NO3 OK 0/33[3] =Phosphorus OK 1/15[2]					
<b>07010104-570</b>	<b>2</b>	<b>6.2</b>	<b>Little Swan River</b>		<b>Spring Br to Swan R</b>	<b>2B, 3B</b>	
MNPCA1	S002-377		little swan r at csah-12, just e of pillsbury				SWANTMDL 26
Aquatic life	NS	DO12 -- 7/26[1] DO5_All NS 7/20[1] DO7 FS 0/6[1] !!!DOFinal NS[[1]] =pH FS 0/52[1] +Un-ionized ammonia FS 0/26[1]					
Ecoregion norms	EX	=BOD5 OK 2/26[1] =NO2&NO3 EX 19/26[1] =Phosphorus OK 0/11[1]					
<b>07010104-577</b>	<b>4A</b>	<b>8.2</b>	<b>Mississippi River</b>		<b>Crow Wing/Morrison County border to Fletcher Cr</b>	<b>1C, 2Bd, 3C</b>	
MNPCA1	S000-151		Mississippi River at br on mn-115 at camp ripley				9
MNPCA1	S000-151		Mississippi River at br on mn-115 at camp ripley				MERCLKS/ 7
MNPCA1	S000-151		Mississippi River at br on mn-115 at camp ripley				MILE 47
MNPCA1	S000-151		Mississippi River at br on mn-115 at camp ripley				RNC 1
Aquatic life	NS	=Arsenic FS 0/7[2] =Cadmium FS 0/7[2] +Chloride FS 0/7[1] =Copper FS 0/7[2] DO12 -- 0/41[8] DO5_All FS 0/21[5] DO7 FS 0/20[8] +DOFinal IF[[0]] =Lead FS 0/7[2] =Mercury FS 0/7[2] +Nickel FS 0/7[2] =pH FS 1/84[8] !!!Turbid_TT_TSS NS 6/43[8](6/43[8] 0/4[3] 0/2[1]) +Un-ionized ammonia FS 0/36[8] =Zinc FS 0/7[2]					
Aquatic recreation	FS	+E. coli FS 0/30Ind 0/2mo					
Drinking Water	FS	+NO2&NO3 FS 0/38[8]					
Ecoregion norms	OK	=BOD5 OK 0/16[4] =Phosphorus OK 0/37[8]					
<b>07010104-586</b>	<b>3D</b>	<b>4.3</b>	<b>Irish Creek</b>		<b>Headwaters to Swan R</b>	<b>2C</b>	
MNPCA1	S003-869		irish ck at mn-28, 2 mi ne of swanville, mn				SWANTMDL 5
Aquatic life	IF	+pH FS 1/10[2] +Un-ionized ammonia FS 0/5[2]					
<b>07010104-588</b>	<b>3A</b>	<b>0.4</b>	<b>Unnamed creek (Larson Creek)</b>		<b>T128 R32W S7, north line to Swan R</b>	<b>2B, 3B</b>	
MNPCA1	S002-379		unn trib of swan r on csah-13, 3.5 mi sw of pillsbury				SWANTMDL 26
Aquatic life	IF	DO12 -- 0/26[1] DO5_All FS 0/20[1] DO7 FS 0/6[1] +DOFinal IF[[1]] =pH FS 0/52[1] +Un-ionized ammonia FS 0/26[1]					
Ecoregion norms	EX	=BOD5 OK 0/26[1] =NO2&NO3 EX 14/26[1] =Phosphorus OK 0/11[1]					

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

**Basin: UM**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010104-610</b>	<b>3A</b>	<b>2.8</b>	<b>Buffalo Creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-787		buffalo ck dnst of business mn-371, 1.5 mi sw of brainerd		CSMP	25
Aquatic life	FS		+Turbid_TT_TSS FS 0/25[2](--/--[--] 0/25[2] --/--[--])			
<b>07010104-612</b>	<b>3A</b>	<b>0.5</b>	<b>Unnamed creek</b>	<b>Headwaters (Graves Lk 18-0110-00) to Nokasippi R</b>	<b>2B, 3B</b>	
MNPCA1	S004-327		grave lake outlet (upper hay ck) at csah-8, 10 mi e brainerd		NOKASI-S	12
MNPCA1	S004-327		grave lake outlet (upper hay ck) at csah-8, 10 mi e brainerd		CSMP	16
Aquatic life	FS		+Turbid_TT_TSS FS 0/22[2](--/--[--] 0/22[2] --/--[--])			
Aquatic recreation	IF		+E. coli IF 0/6Ind 0/0mo			
<b>07010104-626</b>		<b>3.5</b>	<b>Unnamed creek</b>	<b>Headwaters to Big Swan Lk</b>	<b>2B, 3B</b>	
MNPCA1	S005-041		unn str at w side of big swan lk, 3.8 mi wnw of burtrum, mn		SWAN-S	10
Aquatic life	IF		+Chloride FS 0/9[1] +pH FS 0/20[1] +Un-ionzed ammonia FS 0/9[1]			
Aquatic recreation	IF		+E. coli IF 2/9Ind 0/0mo			
<b>07010104-627</b>		<b>1.8</b>	<b>Schwanke Creek</b>	<b>Unnamed cr to Big Swan Lk</b>	<b>2B, 3B</b>	
MNPCA1	S005-035		schwanke cr at mn-287, 4 mi nw of burtrum, mn		SWAN-S	11
Aquatic life	IF		+Chloride FS 0/11[1] +pH FS 0/20[1] +Un-ionzed ammonia FS 0/9[1]			
Aquatic recreation	IF		+E. coli IF 1/11Ind 0/0mo			
<b>07010104-628</b>		<b>0.8</b>	<b>Unnamed creek</b>	<b>Lady Lk to Big Swan Lk</b>	<b>2B, 3B</b>	
MNPCA1	S005-039		unn str at nw side of lady lk, 3.5 mi se of burtrum, mn		SWAN-S	8
Aquatic life	IF		+Chloride FS 0/8[1] +pH FS 0/16[1] +Un-ionzed ammonia FS 0/8[1]			
Aquatic recreation	IF		+E. coli IF 0/7Ind 0/0mo			
<b>07010104-629</b>		<b>1.3</b>	<b>Unnamed creek</b>	<b>Long Lk ( 77-0027-00) to Big Swan Lk</b>	<b>2B, 3B</b>	
MNPCA1	S005-036		unn str at e side on big swan lk, 2.8 mi wnw of burtrum, mn		SWAN-S	11
Aquatic life	IF		+Chloride FS 0/10[1] +pH FS 0/22[1] +Un-ionzed ammonia FS 0/10[1]			
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo			
<b>07010104-631</b>		<b>0.6</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Long Lk</b>	<b>2B, 3B</b>	
MNPCA1	S005-037		unn str at csah-13, 2 mi nw of burtrum, mn		SWAN-S	3
Aquatic recreation	IF		+E. coli IF 0/3Ind 0/0mo			
<b>07010104-632</b>		<b>0.5</b>	<b>Unnamed creek</b>	<b>Headwaters to Long Lk</b>	<b>2B, 3B</b>	
MNPCA1	S005-034		unn str at e side on long lk, 2.4 mi nw of burtrum, mn		SWAN-S	6
Aquatic recreation	IF		+E. coli IF 2/6Ind 0/0mo			

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Agency	Station		Location				Project	
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<b>07010104-633</b>		<b>0.5</b>	<b>Unnamed creek</b>		<b>Headwaters to Long Lk</b>		<b>2B, 3B</b>
MNPCA1	S005-033		unn str at e side of long lk, 2.1 mi nw of burtrum, mn				SWAN-S 3

Aquatic recreation IF +E. coli IF 1/3Ind 0/0mo

<b>07010104-634</b>		<b>0.9</b>	<b>Unnamed creek</b>		<b>Trace Lk to Lady Lk</b>		<b>2B, 3B</b>
MNPCA1	S005-040		unn str at s side of lady lk, 3.9 mi nw of burtrum, mn				SWAN-S 7

Aquatic life IF +Chloride FS 0/6[1] +pH FS 0/14[1] +Un-ionized ammonia FS 0/6[1]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo

**HUC: 07010105 DNR Major: 11 HUC NAME: PINE RIVER**

<b>07010105-502</b>	<b>2</b>	<b>28.2</b>	<b>Pine River</b>		<b>Headwaters (Pine Mountain Lk 11-0411-00) to Whitefish</b>		<b>2B, 3B</b>
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MNPCA1	S001-330		pine r at ponto twosp rd 3, 3.5 mi n of chickamaw beach, mn				T-TUBE 3
MNPCA1	S001-330		pine r at ponto twosp rd 3, 3.5 mi n of chickamaw beach, mn				CSMP 194
MNPCA1	S001-345		PINE RIVER br on paul bunyon tr near hwy 371, PINE RIVER, mn				T-TUBE 3
MNPCA1	S001-345		PINE RIVER br on paul bunyon tr near hwy 371, PINE RIVER, mn				CSMP 37
MNPCA1	S001-595		pine r, 1 mi n of PINE RIVER				CSMP 203

Aquatic life FS =Turbid\_TT\_TSS FS 0/419[10](0/3[1] 0/416[10] --/--[--])

<b>07010105-504</b>	<b>2</b>	<b>5.8</b>	<b>Pine River</b>		<b>Little Pine R to Mississippi R</b>		<b>2B, 3B</b>
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MNPCA1	S000-181		PINE RIVER csah-11,n. of crosby				LOADSTDY 10
MNPCA1	S000-181		PINE RIVER csah-11,n. of crosby				MERCLKS/ 1
MNPCA1	S000-181		PINE RIVER csah-11,n. of crosby				MISS_INI 52

Aquatic life NS +Chloride FS 0/30[2] DO12 -- 2 55[4] DO5\_9am NS 2/17[2] DO5\_All FS 2/37[4] DO7 FS 0/18[4] +DOFinal IF[[3]] =pH FS 1/112[4] =Turbid\_TT\_TSS FS 0/49[4](0/49[4] 0/7[1] --/--[--]) +Un-ionized ammonia FS 0/46[4]

Aquatic recreation FS +E. coli FS 0/18Ind 0/0mo

Ecoregion norms OK =BOD5 OK 2/25[2] =NO2&NO3 OK 4/57[4] =Phosphorus OK 4/57[4]

<b>07010105-517</b>	<b>2</b>	<b>5.3</b>	<b>Pelican Brook</b>		<b>Ossawinnamakee Lk to Pine R</b>		<b>2B, 3B</b>
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MNPCA1	S001-594		pelican bk, 8 mi sw of Cross Lake				CSMP 175
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Aquatic life FS =Turbid\_TT\_TSS FS 0/175[9](--/--[--] 0/175[9] --/--[--])

<b>07010105-556</b>		<b>0.8</b>	<b>Hay Creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
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MNPCA1	S004-381		hay ck at cr-145, 2 mi ne of pequot lakes				CSMP 30
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Aquatic life FS +Turbid\_TT\_TSS FS 0/30[2](--/--[--] 0/30[2] --/--[--])

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010105-577		2.9	Johnson Creek		T137 R25W S13, east line to Ross Lk	2C		
MNPCA1	S001-335		johnson ck at csah-36 br, 14 mi nw of aitkin, mn			CSMP	23	
Aquatic life	FS		+Turbid_TT_TSS FS 0/23[3](-/--[---] 0/23[3] --/--[---])					

**HUC: 07010106      DNR Major: 12      HUC NAME: CROW WING RIVER**

07010106-501	4A	4.1	Crow Wing River		Gull R to Mississippi R	2B, 3B		
MNPCA1	S001-926		crow wing r at csah 36 at sylvan dam, 9 mi sw of brainerd			LOADSTDY	11	
MNPCA1	S001-926		crow wing r at csah 36 at sylvan dam, 9 mi sw of brainerd			MISS_INI	106	
Aquatic life	FS		+Chloride FS 0/31[2] DO12 -- 2 90[6] DO5_9am FS 0/1[1] DO5_All FS 2/61[6] DO7 FS 0/29[6] +DOFinal IF[[3]] =pH FS 2/202[7] =Turbid_TT_TSS FS 0/103[7](0/103[7] 0/7[1] --/--[---]) +Un-ionized ammonia FS 0/80[6]					
Aquatic recreation	FS		+E. coli FS 0/18Ind 0/0mo					
Ecoregion norms	EX		=BOD5 EX 26/56[5] =NO2&NO3 EX 74/112[7] =Phosphorus EX 70/112[7]					

07010106-502	2	15.3	Gull River		Gull Lk to Crow Wing R	2B, 3B		
MNPCA1	S001-927		gull r at fisherman's brg on csah 36, 9 mi sw of brainerd			MISS_INI	31	
Aquatic life	FS		DO12 -- 1/28[2] DO5_All FS 1/20[2] DO7 FS 0/8[2] +DOFinal IF[[1]] =pH FS 2/62[2] =Turbid_TT_TSS FS 0/31[2](0/31[2] --/--[---] --/--[---]) +Un-ionized ammonia FS 0/29[2]					
Ecoregion norms	EX		=BOD5 EX 17/31[2] <>NO2&NO3 OK 3 31[2] =Phosphorus EX 4/30[2]					

07010106-509	4A	10.5	Crow Wing River		Swan Cr to Mosquito Cr	2B, 3B		
MNPCA1	S001-325		crow wing r at br on cr-33, 3 miles e of staples			RNC	12	
MNPCA1	S001-325		crow wing r at br on cr-33, 3 miles e of staples			CSMP	70	
MNPCA1	S001-325		crow wing r at br on cr-33, 3 miles e of staples			MISS_INI	49	
MNPCA1	S001-998		crow wing r, 500 ft upstrm of mn-210 brg, .5 mi n of motley			MERCLKS/	6	
MPCAB	00UM024		Crow Wing River; C.R. 33 at Cass/Todd/Wadena county line, NW of Motley			nutrients	1	
Aquatic life	FS		=Arsenic FS 0/6[2] =Cadmium FS 0/6[2] =Copper FS 0/6[2] DO12 -- 1/45[5] DO5_9am FS 0/2[1] DO5_All FS 1/35[5] DO7 FS 0/10[2] +DOFinal IF[[2]] =Lead FS 0/6[2] =Mercury FS 0/6[2] +Nickel FS 0/6[2] =pH FS 1/106[7] =Turbid_TT_TSS FS 0/58[5](0/58[5] 0/66[3] --/--[---]) +Un-ionized ammonia FS 0/33[2] =Zinc FS 0/6[2]					
Ecoregion norms	EX		=BOD5 EX 6/35[5] =NO2&NO3 EX 59/63[6] =Phosphorus EX 25/62[6]					



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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010106-515</b>	<b>4A</b>	<b>2.6</b>	<b>Crow Wing River</b>		<b>Big Swamp Cr to Cat R</b>		<b>2B, 3B</b>
MNPCA1	S001-326		crow wing r at br on cr-12 at nimrod			MDAWQMP	1
MNPCA1	S001-326		crow wing r at br on cr-12 at nimrod			MISS_INI	111
MNPCA1	S001-326		crow wing r at br on cr-12 at nimrod			RNC	15
MNPCA1	S001-326		crow wing r at br on cr-12 at nimrod			T-TUBE	3
MPCAB	00UM026		Crow Wing River; upstream of bridge at county park in Nimrod			nutrients	1
Aquatic life	FS		+Chloride FS 0/25[2] DO12 -- 1/104[9] DO5_9am FS 1/41[5] DO5_All FS 1/75[9] DO7 FS 0/29[7] +DOFinal FS[[5]] =pH FS 1/230[10] =Turbid_TT_TSS FS 0/124[10](0/124[10] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/91[6]				
Aquatic recreation	FS		+E. coli FS 0/16Ind 0/0mo				
Ecoregion norms	EX		=BOD5 EX 12/67[7] =NO2&NO3 EX 88/127[10] =Phosphorus EX 44/127[10]				
<b>07010106-516</b>	<b>4A</b>	<b>20.5</b>	<b>Crow Wing River</b>		<b>Shell R to Big Swamp Cr</b>		<b>2B, 3B</b>
MNPCA1	S003-834		crow wing r at old csah-18, 7 mi se of hubbard, mn			CSMP	55
Aquatic life	FS		+Turbid_TT_TSS FS 0/55[2](--/--[--] 0/55[2] --/--[--])				
<b>07010106-518</b>	<b>2</b>	<b>33.2</b>	<b>Partridge River</b>		<b>Headwaters to Crow Wing R</b>		<b>2B, 3B</b>
MNPCA1	S002-961		partridge r at csah 29, 4 mi nnw of staples, mn			MISS_INI	50
MNPCA1	S004-037		partridge r at 231st ave (cr-114) 3 mi ne of aldrich, mn			CSMP	64
Aquatic life	FS		DO12 -- 0/31[2] DO5_9am FS 0/21[2] DO5_All FS 0/21[2] DO7 FS 0/10[2] +DOFinal FS[[2]] =pH FS 1/78[3] =Turbid_TT_TSS FS 0/50[3](0/50[3] 0/60[3] --/--[--]) +Un-ionized ammonia FS 0/31[2]				
Ecoregion norms	EX		=BOD5 OK 2/27[3] =NO2&NO3 EX 38/50[3] =Phosphorus OK 2/50[3]				
<b>07010106-522</b>	<b>5A</b>	<b>0.6</b>	<b>Farnham Creek</b>		<b>Unnamed cr to Crow Wing R</b>		<b>2B, 3B</b>
MNPCA1	S004-065		farnham ck at cr-30, 9 mi n of staples, mn			CSMP	41
MPCAB	99UM022		Farnham Creek; @C.R. 30, ~10.0 mi. N. of Staples			EMAP	1
Aquatic life	FS		=Turbid_TT_TSS FS 0/42[3](0/1[1] 0/41[2] --/--[--])				
<b>07010106-523</b>	<b>4A</b>	<b>28.3</b>	<b>Crow Wing River</b>		<b>Headwaters (Eleventh Crow Wing Lk 29-0036-00) to Shell</b>		<b>2B, 3B</b>
MNPCA1	S004-789		crow wing r at cr-109, 10 mi s of nevis, mn			SHEL RV-S	12
Aquatic life	IF		+pH FS 0/24[2] +Un-ionized ammonia FS 0/9[2]				
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo				
Ecoregion norms	OK		+Phosphorus OK 0/12[2]				
<b>07010106-524</b>	<b>2</b>	<b>15.8</b>	<b>Home Brook</b>		<b>Headwaters to Lk Maragaret</b>		<b>2B, 3B</b>
MNPCA1	S004-728		home bk at cr-107, 6 mi sw of nisswa			CSMP	19
MPCAB	99UM027		Home Brook; ~2.0 mi. N. of C.R. 15, ~.5 mi. S. of C.R. 107; 4.0 mi. SW of Lake Shore			EMAP	1
Aquatic life	FS		+Turbid_TT_TSS FS 0/20[3](0/1[1] 0/19[2] --/--[--])				

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07010106-535	2	11.9	Shell River	Fishhook R to Crow Wing R	2B, 3B
MNPCA1	S001-690		shell r at cr 109, 1.2 mi sw of hubbard		SHEL RV-S 12
MNPCA1	S001-690		shell r at cr 109, 1.2 mi sw of hubbard		CSMP 113
MNPCA1	S002-962		shell River at csah 23, 4.5 miles ne of menahga, mn		MDAWQMP 12
MNPCA1	S002-962		shell River at csah 23, 4.5 miles ne of menahga, mn		MISS_INI 52
MNPCA1	S003-442		shell r at csah-24, 7.5 mi ne of menahga, mn		CSMP 108
MNPCA1	S003-442		shell r at csah-24, 7.5 mi ne of menahga, mn		SHEL RV-S 12
MNPCA1	S003-833		shell r at cr-13, 6 mi se of hubbard, mn		SHEL RV-S 12
MNPCA1	S003-833		shell r at cr-13, 6 mi se of hubbard, mn		CSMP 54
MNPCA1	S004-838		shell r on csah-21, 4.5 mi ne of menahga, mn		SHEL RV-S 12
MPCAB	00UM027		Shell River; @ Shell City Landing		biocriteria 1

Aquatic life NS DO12 -- 7/52[5] DO5\_9am NS 5/28[5] DO5\_All NS 7/39[5] DO7 FS 0/13[4] !!!DOFinal NS[[3]] =pH FS 0/122[6] =Turbid\_TT\_TSS FS 0/72[6](0/72[6] 0/258[7] --/--[--]) +Un-ionized ammonia FS 0/76[4]

Aquatic recreation FS +E. coli FS 0/21Ind 0/1mo

Ecoregion norms EX =BOD5 EX 16/39[5] =NO2&NO3 EX 74/98[6] =Phosphorus EX 14/84[6]

07010106-536	3A	4.4	Shell River	Blueberry Lk to Hay Cr	2B, 3B
MNPCA1	S003-854		shell r at blueberry br rd, 2.8 mi ne of menahga, mn		SHEL RV-S 12
MNPCA1	S003-854		shell r at blueberry br rd, 2.8 mi ne of menahga, mn		CSMP 99

Aquatic life FS +pH FS 0/24[2] +Turbid\_TT\_TSS FS 7/110[4](1/12[2] 6/98[3] --/--[--]) +Un-ionized ammonia FS 0/9[2]

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

Ecoregion norms EX +BOD5 EX 6/11[2] +Phosphorus OK 0/12[2]

07010106-537	2	30.6	Shell River	Shell Lk to Blueberry Lk	2B, 3B
MNPCA1	S003-503		shell r at us-71, 3.5 mi n of menahga, mn		CSMP 95
MNPCA1	S003-503		shell r at us-71, 3.5 mi n of menahga, mn		SHEL RV-S 12
MNPCA1	S003-853		shell r at inlet to blueberry lk, 1.9 mi n of menahga		CSMP 49
MNPCA1	S004-794		shell r atcsah-47, 10 mi wsw of park rapids		CSMP 4
MNPCA1	S004-794		shell r atcsah-47, 10 mi wsw of park rapids		SHEL RV-S 11

Aquatic life FS DO12 -- 0/23[3] DO5\_9am FS 0/4[2] DO5\_All FS 0/19[3] DO7 FS 0/4[3] +DOFinal IF[[1]] +pH FS 0/32[2] =Turbid\_TT\_TSS FS 0/125[5](0/16[2] 0/109[4] --/--[--]) +Un-ionized ammonia FS 0/20[2]

Aquatic recreation IF +E. coli IF 0/16Ind 0/0mo

Ecoregion norms EX +BOD5 EX 2/10[2] +NO2&NO3 EX 4/13[2] +Phosphorus EX 4/16[2]

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Agency	Station		Location				Project
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<b>07010106-540</b>	<b>2</b>	<b>6.0</b>	<b>Blueberry River</b>	<b>Kettle R to Blueberry Lk</b>	<b>2C</b>
MNPCA1	S002-457		blueberry r 2 blocks w of us-71 in menahga, mn		CSMP 64
MNPCA1	S003-851		kettle r (blueberry r) at us-71 in menahga, mn		SHEL RV-S 12
MNPCA1	S003-851		kettle r (blueberry r) at us-71 in menahga, mn		CSMP 92
MNPCA1	S003-852		kettle (blueberry) r at inlet to blueberry lk, n of menahga		CSMP 52

Aquatic life FS +pH FS 0/24[2] =Turbid\_TT\_TSS FS 0/173[6](0/12[2] 0/161[6] --/--[--]) +Un-ionized ammonia FS 0/9[2]  
 Aquatic recreation IF +E. coli IF 0/12Ind 0/0mo  
 Ecoregion norms OK +Phosphorus OK 0/12[2]

<b>07010106-541</b>	<b>2</b>	<b>20.5</b>	<b>Kettle River</b>	<b>Unnamed cr to Blueberry R</b>	<b>2C</b>
MNPCA1	S003-502		kettle r at cr-156, 3.5 mi nw of menahga, mn		SHEL RV-S 12
MNPCA1	S003-502		kettle r at cr-156, 3.5 mi nw of menahga, mn		CSMP 93
MPCAB	00UM009		Kettle Creek; upstream of C.R. 119		biocriteria 1

Aquatic life FS +pH FS 0/26[3] =Turbid\_TT\_TSS FS 0/106[6](0/13[3] 0/93[4] --/--[--]) +Un-ionized ammonia FS 0/9[2]  
 Aquatic recreation IF +E. coli IF 0/12Ind 0/0mo  
 Ecoregion norms OK +Phosphorus OK 1/13[3]

<b>07010106-542</b>	<b>3A</b>	<b>3.5</b>	<b>Fishhook River</b>	<b>Straight R to Shell R</b>	<b>2B, 3B</b>
MNPCA1	S003-779		fish hook r 0.4 mi w of mn-87, 1 mi nw of hubbard, mn		SHEL RV-S 12
MNPCA1	S003-779		fish hook r 0.4 mi w of mn-87, 1 mi nw of hubbard, mn		CSMP 98
MNPCA1	S004-774		fishhook r at mn-87, 2 mi nw of hubbard		CSMP 7

Aquatic life FS +pH FS 0/24[2] +Turbid\_TT\_TSS FS 0/112[4](0/12[2] 0/100[4] --/--[--]) +Un-ionized ammonia FS 0/10[2]  
 Aquatic recreation IF +E. coli IF 0/12Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 EX 10/12[2] +Phosphorus OK 0/12[2]

<b>07010106-543</b>	<b>2</b>	<b>6.1</b>	<b>Fishhook River</b>	<b>Park Rapids Dam to Straight R</b>	<b>2B, 3B</b>
MNPCA1	S004-759		fishhook r at 3rd st e in park rapids		CSMP 19
MPCAB	99UM031		Fish Hook River; Park Rapids DNR, So. of Hwy. 34 and W. of Hwy. 71		EMAP 1

Aquatic life FS +Turbid\_TT\_TSS FS 0/20[2](0/1[1] 0/19[1] --/--[--])

<b>07010106-544</b>	<b>2</b>	<b>9.3</b>	<b>Cat River</b>	<b>Kitten Cr to Crow Wing R</b>	<b>2C</b>
MNPCA1	S002-408		cat r at csah 26, 0.67 mi s of nimrod, mn		CSMP 85

Aquatic life FS =Turbid\_TT\_TSS FS 0/85[4](--/--[--] 0/85[4] --/--[--])

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010106-554	2	7.4	Blueberry River	Unnamed cr to Kettle R	2C	
MNPCA1	S003-501		blueberry r at 384th st, 3.1 mi nw of menahga, mn		CSMP	93
MNPCA1	S003-501		blueberry r at 384th st, 3.1 mi nw of menahga, mn		SHEL RV-S	12
MPCAB	00UM025		Blueberry River; upstream of C.R. 16		biocriteria	1

Aquatic life      FS      +pH FS 0/26[3] =Turbid\_TT\_TSS FS 0/106[6](0/13[3] 0/93[4] --/--[--]) +Un-ionzed ammonia FS 0/9[2]  
 Aquatic recreation      IF      +E. coli IF 0/12Ind 0/0mo  
 Ecoregion norms      OK      +NO2&NO3 OK 1/10[3] +Phosphorus OK 0/13[3]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010106-558	2	17.0	Straight River	Straight Lk to Fishhook R	1B, 2A, 3B	
MNPCA1	S002-960		straight r at us hwy 71, 3 mi s of park rapids, mn		T-TUBE	3
MNPCA1	S002-960		straight r at us hwy 71, 3 mi s of park rapids, mn		MISS_INI	54
MNPCA1	S002-960		straight r at us hwy 71, 3 mi s of park rapids, mn		MDAWQMP	1
MNPCA1	S004-788		straight r at 149th ave, 3.25 mi s of park rapids, mn		SHEL RV-S	12
MNPCA1	S004-793		straight r at cr-123, 9 mi w of park rapids		SHEL RV-S	11
MNPCA1	S004-793		straight r at cr-123, 9 mi w of park rapids		CSMP	4

Aquatic life      NS      DO12 -- 4/49[5] DO5\_9am NS 3/16[5] DO5\_All NS 4/33[5] DO7 FS 0/16[5] !!!DOFinal NS[[3]] =pH FS 1/118[6] =Turbid\_TT\_TSS FS 2/71[6](2/71[6] --/--[--] --/--[--])  
 +Un-ionzed ammonia FS 0/52[4]  
 Aquatic recreation      IF      +E. coli IF 0/16Ind 0/0mo  
 Drinking Water      FS      +NO2&NO3 FS 0/76[6]  
 Ecoregion norms      EX      <>BOD5 EX 4/35[5] =NO2&NO3 EX 70/76[6] <>Phosphorus EX 28/69[6]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010106-595	3A	1.9	Stocking Creek	Stocking Lk to T138 R35W S12, east line	2C	
MNPCA1	S003-899		stocking ck at stocking lk outlet, 2 mi ne of menahga, mn		SHEL RV-S	12
MNPCA1	S003-899		stocking ck at stocking lk outlet, 2 mi ne of menahga, mn		CSMP	33

Aquatic life      FS      +pH FS 0/24[2] +Turbid\_TT\_TSS FS 1/44[4](1/12[2] 0/32[3] --/--[--]) +Un-ionzed ammonia FS 0/9[2]  
 Aquatic recreation      IF      +E. coli IF 0/11Ind 0/0mo  
 Ecoregion norms      EX      +BOD5 EX 4/10[2] +Phosphorus OK 0/12[2]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010106-596	2	0.4	Fishhook River	Pedestrian bridge above Heartland Trail to Fishhook Dam	2B, 3B	
MNPCA1	S002-959		fish hook r at mn 34 on s side of park rapids, mn		MISS_INI	50

Aquatic life      FS      DO12 -- 0/32[2] DO5\_9am FS 0/2[2] DO5\_All FS 0/22[2] DO7 FS 0/10[2] +DOFinal IF[[2]] =pH FS 1/78[3] =Turbid\_TT\_TSS FS 0/50[3](0/50[3] --/--[--] --/--[--])  
 +Un-ionzed ammonia FS 0/32[2]  
 Ecoregion norms      EX      =BOD5 OK 1/27[3] =NO2&NO3 EX 17/50[3] =Phosphorus OK 1/50[3]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010106-619</b>	<b>3A</b>	<b>1.7</b>	<b>Hay Creek</b>		<b>Unnamed lk (29-0554-00) to Island Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-760		hay ck at us-71, 8.5 mi n of park rapids				SHELRV-S 12
MNPCA1	S004-760		hay ck at us-71, 8.5 mi n of park rapids				CSMP 9
Aquatic life	IF		+pH FS 0/24[2] +Un-ionzed ammonia FS 0/8[2]				
Aquatic recreation	IF		+E. coli IF 0/12Ind 0/0mo				
Ecoregion norms	OK		+Phosphorus OK 0/12[2]				
<b>07010106-632</b>	<b>3A</b>	<b>0.2</b>	<b>Unnamed creek</b>		<b>Headwaters to Stocking Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-036		unn trib to stocking lk, n of csah 17, 0.8 mi e of menahga				CSMP 19
MNPCA1	S004-036		unn trib to stocking lk, n of csah 17, 0.8 mi e of menahga				SHELRV-S 8
Aquatic life	FS		+pH FS 0/16[2] +Turbid_TT_TSS FS 1/27[4](1/7[2] 0/18[3] 0/2[1]) +Un-ionzed ammonia FS 0/7[2]				
Aquatic recreation	IF		+E. coli IF 0/7Ind 0/0mo				
<b>07010106-633</b>	<b>3A</b>	<b>0.2</b>	<b>Unnamed creek</b>		<b>Headwaters to Stocking Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-035		unn trib to stocking lk at csah 17, 1.8 mi ene of menahga				SHELRV-S 7
MNPCA1	S004-035		unn trib to stocking lk at csah 17, 1.8 mi ene of menahga				CSMP 18
Aquatic life	FS		+pH FS 0/14[2] +Turbid_TT_TSS FS 1/24[4](0/7[2] 1/17[3] --/--[--]) +Un-ionzed ammonia FS 0/5[2]				
Aquatic recreation	IF		+E. coli IF 0/7Ind 0/0mo				
<b>07010106-677</b>		<b>0.9</b>	<b>Unnameed creek</b>		<b>Long Lk to Fishhook R</b>		<b>2B, 3B</b>
MNPCA1	S004-773		unn str (long lk outlet) at mn-87 in hubbard				CSMP 5
MNPCA1	S004-773		unn str (long lk outlet) at mn-87 in hubbard				SHELRV-S 12
Aquatic life	IF		+pH FS 0/24[2] +Un-ionzed ammonia FS 0/8[2]				
Aquatic recreation	IF		+E. coli IF 0/10Ind 0/0mo				
Ecoregion norms	OK		+Phosphorus OK 0/12[2]				
<b>07010106-678</b>		<b>0.8</b>	<b>Portage River</b>		<b>Portage Lk to Fishhook Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-761		unn str (portage r) at inlet to fishhook lk at csah-18				CSMP 23
MNPCA1	S004-761		unn str (portage r) at inlet to fishhook lk at csah-18				SHELRV-S 12
Aquatic life	FS		+pH FS 0/24[2] +Turbid_TT_TSS FS 2/29[2](1/12[2] 1/17[1] --/--[--]) +Un-ionzed ammonia FS 0/11[2]				
Aquatic recreation	IF		+E. coli IF 0/12Ind 0/0mo				
Ecoregion norms	EX		+BOD5 EX 9/10[2] +Phosphorus EX 4/12[2]				

HUC: 07010107

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HUC NAME: REDEYE RIVER

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07010107-501</b>	<b>2</b>	<b>8.2</b>	<b>Leaf River</b>	<b>Redeye R to Crow Wing R</b>	<b>2B, 3B</b>
MNPCA1	S001-602		leaf r, 11 mi nw of staples		CSMP 55
MNPCA1	S001-931		red eye r at csah 29 brg, 7 mi n of staples		LOADSTDY 11
MNPCA1	S001-931		red eye r at csah 29 brg, 7 mi n of staples		MISS_INI 105

Aquatic life FS +Chloride FS 0/28[2] DO12 -- 0/88[6] DO5\_9am FS 0/43[4] DO5\_All FS 0/62[6] DO7 FS 0/26[6] +DOFinal FS[[5]] =pH FS 2/200[7] =Turbid\_TT\_TSS FS 0/101[7](0/101[7] 0/63[3] --/--[--]) +Un-ionzed ammonia FS 0/80[6]

Aquatic recreation FS +E. coli FS 0/19Ind 0/0mo

Ecoregion norms EX =BOD5 EX 10/58[5] =NO2&NO3 EX 103 110[7] =Phosphorus EX 75/111[7]

<b>07010107-503</b>	<b>3D</b>	<b>62.9</b>	<b>Redeye River</b>	<b>Headwaters (Wolf Lk 03-0101-00) to Hay Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-593		red eye r at csah-8 brg, 4 mi e of blue grass		CSMP 91
MNPCA1	S002-461		red eye r at us-71 in sebeka, mn		CSMP 135
MNPCA1	S004-038		Redeye River at mn-227, 4 mi e of sebeka, mn		CSMP 23

Aquatic life FS =Turbid\_TT\_TSS FS 0/235[7](--/--[--] 0/235[7] --/--[--])

<b>07010107-504</b>	<b>2</b>	<b>7.4</b>	<b>Leaf River</b>	<b>Wing R to Redeye R</b>	<b>2B, 3B</b>
MNPCA1	S001-153		LEAF RIVER at csah-26, 8 miles ne of aldrich		MISS_INI 82
MNPCA1	S001-153		LEAF RIVER at csah-26, 8 miles ne of aldrich		MDAWQMP 12

Aquatic life FS +Acetochlor 0/12[3] +Alachlor 0/12[3] +Atrazine 0/12[3] +Chloride FS 0/30[2] +Chlorpyrifos 0/12[3] DO12 -- 1/60[4] DO5\_9am FS 1/42[4] DO5\_All FS 1/42[4] DO7 FS 0/18[4] +DOFinal FS[[4]] +Metolachlor 0/12[3] =pH FS 1/136[5] =Turbid\_TT\_TSS FS 3/81[5](3/81[5] --/--[--] 0/2[1]) +Un-ionzed ammonia FS 0/61[4]

Aquatic recreation IF +E. coli IF 0/18Ind 0/0mo

Ecoregion norms EX =BOD5 OK 2/27[3] =NO2&NO3 EX 74/89[5] =Phosphorus OK 5/93[5]

<b>07010107-505</b>	<b>3D</b>	<b>14.9</b>	<b>Leaf River</b>	<b>Oak Cr to Wing R</b>	<b>2B, 3B</b>
MNPCA1	S000-985		leaf r at cr-109 5 mi ne of wadena		CSMP 44
MNPCA1	S001-614		leaf r at csah-20 brg, 2 mi n of wadena		CSMP 95
MNPCA1	S003-925		leaf r at cr-23, 6.7 mi nw of wadena, mn		CSMP 9

Aquatic life FS =Turbid\_TT\_TSS FS 0/142[7](--/--[--] 0/142[7] --/--[--])

<b>07010107-507</b>	<b>2</b>	<b>48.2</b>	<b>Wing River</b>	<b>Headwaters (Wing River Lk 56-0043-00) to Leaf R</b>	<b>2B, 3B</b>
MNPCA1	S002-460		wing r at cr-111. 1 mi nw of verndale, mn		CSMP 98
MNPCA1	S002-958		wing r at csah 23, 2.5 mi n of verndale, mn		MISS_INI 50
MPCAB	00UM023		Wing River; upstream of C.R. 42		biocriteria 1

Aquatic life FS DO12 -- 1/33[3] DO5\_All FS 1/23[3] DO7 FS 0/10[2] +DOFinal IF[[2]] =pH FS 1/78[4] =Turbid\_TT\_TSS FS 0/51[4](0/51[4] 0/98[4] --/--[--]) +Un-ionzed ammonia FS 0/31[2]

Ecoregion norms EX =BOD5 OK 2/27[3] =NO2&NO3 EX 48/51[4] =Phosphorus OK 1/51[4]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					

<b>07010107-508</b>	<b>3D</b>	<b>4.8</b>	<b>Union Creek</b>	<b>Whisky Cr to Leaf R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S000-988		union ck in t134n/r35w/s5/neq/swq ne of wadena		CSMP 66
MPCAB	00UM095		Union Creek; Downstream of Wadena Treatment Plant		biocriteria 1
Aquatic life	FS	=Turbid_TT_TSS FS 1/67[6](0/1[1] 1/66[5] --/--[--])			

<b>07010107-516</b>	<b>2</b>	<b>14.2</b>	<b>Oak Creek</b>	<b>Unnamed ditch to T134 R36W S3, north line</b>	<b>2C</b>
MNPCA1	S001-433		oak ck 2 mi w of wadena, mn		CSMP 389
Aquatic life	FS	=Turbid_TT_TSS FS 7/388[9](--/--[--] 7/388[9] --/--[--])			

<b>07010107-526</b>	<b>3A</b>	<b>5.9</b>	<b>Unnamed creek (Hay Creek)</b>	<b>T134 R33W S18, west line to Leaf R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S004-346		unnamed str at cr-124, 6 mi nw of staples, mn		CSMP 33
Aquatic life	FS	+Turbid_TT_TSS FS 0/33[2](--/--[--] 0/33[2] --/--[--])			

**HUC: 07010108      DNR Major: 14      HUC NAME: LONG PRAIRIE RIVER**

<b>07010108-501</b>	<b>4A</b>	<b>8.8</b>	<b>Long Prairie River</b>	<b>Fish Trap Cr to Crow Wing R</b>	<b>2B, 3B</b>
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		SWANTMDL 1
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		AG_PEST 3
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		LOADSTDY 11
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		MDAWQMP 9
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		MERCLKS/ 6
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		MILE 47
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		MISS_INI 6
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		RNC 1
MNPCA1	S000-282		long prairie r bridge on us-10, south of motley		9
Aquatic life	NS	=Arsenic FS 0/6[2] =Cadmium FS 0/6[2] +Chloride FS 0/21[3] =Copper FS 0/6[2] DO12 -- 3/56[10] DO5_9am FS 0/6[1] DO5_All FS 1/32[7] \$DO7 FS 2/24[9] \$DOFinal IF[[1]] =Lead FS 0/6[2] =Mercury FS 0/6[2] +Nickel FS 0/6[2] =pH FS 0/120[10] !!!Turbid_TT_TSS NS 8/51[10](8/51[10] 0/11[4] --/--[--]) +Un-ionzed ammonia FS 1/46[10] =Zinc FS 0/6[2]			
Aquatic recreation	FS	+E. coli FS 0/35Ind 0/5mo			
Ecoregion norms	EX	+BOD5 OK 0/13[4] =NO2&NO3 EX 43 56[10] =Phosphorus EX 41/58[10]			

<b>07010108-502</b>	<b>4A</b>	<b>7.5</b>	<b>Long Prairie River</b>	<b>Moran Cr to Fish Trap Cr</b>	<b>2B, 3B</b>
MNPCA1	S002-900		long prairie r on br at cr 65, .25 mi n of philbrook, mn		LONGP 44
MNPCA1	S002-900		long prairie r on br at cr 65, .25 mi n of philbrook, mn		CWPLONGP 89
Aquatic life	IF	=Chloride FS 0/120[10] DO12 -- 0/120[10] DO5_All FS 0/83[8] \$DO7 FS 0/37[10] \$DOFinal IF[[3]] =pH FS 1/242[10] +Un-ionzed ammonia FS 1/108[10]			
Ecoregion norms	EX	=NO2&NO3 EX 76/120[10] =Phosphorus EX 55/74[7]			

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      **Date Printed: 3/4/2009**  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010108-504	5B	13.5	Long Prairie River	Eagle Cr to Turtle Cr	2B, 3B
MNPCA1	S002-911		long prairie r on br at oak ridge rd, 8.25 mi ne of clarissa		LONGP 45
MNPCA1	S002-911		long prairie r on br at oak ridge rd, 8.25 mi ne of clarissa		CWPLONGP 74
MPCAB	00UM079		Long Prairie River; upstream of CR 62 bridge		biocriteria 1

Aquatic life      NS      =Chloride FS 0/104[9] DO12 -- 7/108[9] DO5\_All FS 7/79[8] \$DO7 FS 0/29[8] \$DOFinal IF[[3]] =pH FS 1/218[9] =Turbid\_TT\_TSS FS 0/206[9](0/2[1] --/--)  
 0/204[9]) +Un-ionzed ammonia FS 2/94[9]  
 Ecoregion norms      EX      =NO2&NO3 EX 64/105[9] =Phosphorus OK 4/58[6]

07010108-505	5B	49.6	Long Prairie River	Spruce Cr to Eagle Cr	2B, 3B
MNPCA1	S000-283		long prairie r.w of long prairie		LONGP 45
MNPCA1	S000-283		long prairie r.w of long prairie		CWPLONGP 73
MNPCA1	S002-904		long prairie r on br at Riverside dr, nw long prairie, mn		T-TUBE 3
MNPCA1	S002-904		long prairie r on br at Riverside dr, nw long prairie, mn		MDAWQMP 16
MNPCA1	S002-904		long prairie r on br at Riverside dr, nw long prairie, mn		CWPLONGP 85
MNPCA1	S002-904		long prairie r on br at Riverside dr, nw long prairie, mn		LONGP 45
MNPCA1	S002-906		long prairie r on br at cr 90, 2.25 mi se of browerville, mn		CWPLONGP 9
MNPCA1	S002-906		long prairie r on br at cr 90, 2.25 mi se of browerville, mn		CSMP 40
MNPCA1	S002-910		long prairie r on br at csah 14, .5 mi e of browerville, mn		LONGP 45
MNPCA1	S002-910		long prairie r on br at csah 14, .5 mi e of browerville, mn		CWPLONGP 91
MNPCA1	S003-922		long prairie r on csah 27, 3 mi n of long prairie, mn		CWPLONGP 1
MNPCA1	S003-923		long prairie r at 2nd st and 3rd ave in n long prairie, mn		CWPLONGP 1
MNPCA1	S003-924		long prairie r on csah 38, 1.4 mi w of long prairie, mn		CWPLONGP 1
MPCAB	00UM074		Long Prairie River; Long Prairie @ public access		biocriteria 1
MPCAB	99UM039		Long Prairie River; ~ 2.25 mi. E. of Clotho, ~0.5 stream mi. upstream of Freemans Creek confluence		EMAP 1

Aquatic life      NS      =Chloride FS 0/340[10] DO12 -- 8/131[10] DO5\_9am NS 1/3[3] DO5\_All FS 8/90[8] \$DO7 FS 0/41[10] \$DOFinal NS[[5]] =pH FS 0/262[10] =Turbid\_TT\_TSS FS  
 0/282[10](0/6[3] 0/40[2] 0/236[10]) +Un-ionzed ammonia NS 4/304[10]  
 Ecoregion norms      EX      =NO2&NO3 EX 75/342[10] =Phosphorus OK 4/93[11]

07010108-507	5A	27.1	Eagle Creek	Headwaters to Long Prairie R	2B, 3B
MNPCA1	S002-902		EAGLE CR on brg at csah 21, .5 mi n of browerville, mn		LONGP 44
MNPCA1	S002-902		EAGLE CR on brg at csah 21, .5 mi n of browerville, mn		CWPLONGP 67
MNPCA1	S004-071		EAGLE CR on 175th ave, 1.9 mi sw of eagle bend, mn		LONGP 42
MPCAB	00UM075		Eagle Creek; in Browerville on Cr 89		biocriteria 1

Aquatic life      NS      =Chloride FS 0/137[10] DO12 -- 3/103[10] DO5\_All FS 3/75[8] DO7 FS 0/28[9] +DOFinal IF[[2]] =pH FS 2/206[10] =Turbid\_TT\_TSS FS 0/193[10](0/1[1] --/--)  
 0/192[10]) +Un-ionzed ammonia FS 1/125[8]  
 Ecoregion norms      EX      =NO2&NO3 EX 67/138[10] =Phosphorus OK 2/51[7]



AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010108-511</b>	<b>5C</b>	<b>23.2</b>	<b>Moran Creek</b>	<b>Headwaters to Long Prairie R</b>	<b>2B, 3B</b>
MNPCA1	S002-903		MORAN CR on br at 255th ave, 8 mi sw of staples, mn		LONGP 43
MNPCA1	S002-903		MORAN CR on br at 255th ave, 8 mi sw of staples, mn		CWPLONGP 17
MNPCA1	S004-072		MORAN CR on 464th st, 5 mi sw of staples, mn		LONGP 35
MPCAB	00UM077		Moran Creek; upstream of C.R. 24, 5 mi S.W. of Staples		biocriteria 1
MPCAB	00UM077		Moran Creek; upstream of C.R. 24, 5 mi S.W. of Staples		prob. invest. 1

Aquatic life NS =Chloride FS 0/86[5] DO12 -- 7/60[6] DO5\_All NS 7/44[5] \$DO7 FS 0/16[5] \$DOFinal NS[[1]] =pH FS 0/120[6] =Turbid\_TT\_TSS FS 0/108[6](0/1[1] 0/1[1] 0/106[5]) +Un-ionzed ammonia FS 0/82[5]

Ecoregion norms OK =NO2&NO3 OK 0/88[6] =Phosphorus OK 0/12[4]

<b>07010108-513</b>	<b>2</b>	<b>28.2</b>	<b>Turtle Creek</b>	<b>Headwaters to Long Prairie R</b>	<b>2B, 3B</b>
MNPCA1	S002-901		turtle ck on br at oak ridge rd, 8 mi ne of browerville, mn		LONGP 44
MNPCA1	S002-901		turtle ck on br at oak ridge rd, 8 mi ne of browerville, mn		CWPLONGP 72
MPCAB	00UM078		Turtle Creek; downstream of CR 14, 3 mi E. of Browerville		biocriteria 1

Aquatic life NS =Chloride FS 0/100[10] DO12 -- 4/108[10] DO5\_All FS 4/77[8] DO7 FS 0/31[10] +DOFinal IF[[2]] =pH FS 1/218[10] =Turbid\_TT\_TSS FS 0/203[10](0/1[1] --/--[--] 0/202[10]) +Un-ionzed ammonia FS 1/93[10]

Ecoregion norms OK =NO2&NO3 OK 4/101[10] =Phosphorus OK 2/56[7]

<b>07010108-520</b>	<b>2</b>	<b>6.2</b>	<b>Spruce Creek</b>	<b>Unnamed lk (21-0034-00) to Long Prairie R</b>	<b>2B, 3B</b>
MNPCA1	S001-410		spruce ck at spruce hill pk rd, 3 mi nnw of belle River		CSMP 5
MNPCA1	S002-907		spruce cr at spruce hill pk rd, 3 mi nnw of bell River, mn		CWPLONGP 11

Aquatic life IF =Chloride FS 0/9[1] =pH FS 0/22[1] +Un-ionzed ammonia FS 0/9[1]

<b>07010108-521</b>	<b>3D</b>	<b>1.7</b>	<b>Unnamed creek</b>	<b>Lk Irene to Lk Miltona</b>	<b>2B, 3B</b>
MNPCA1	S001-794		unn inlet to lk miltona from lk irene, 1.5 mi sw of miltona		CSMP 83

Aquatic life FS =Turbid\_TT\_TSS FS 0/81[6](--/--[--] 0/81[6] --/--[--])

<b>07010108-525</b>	<b>3D</b>	<b>0.4</b>	<b>Unnamed inlet</b>	<b>Unnamed lk (21-0440-00) to Lk Brophy</b>	<b>2B, 3B</b>
MNPCA1	S001-776		unn inlet to lk brophy, 4 mi nw of alexandria		CSMP 65

Aquatic life FS =Turbid\_TT\_TSS FS 0/65[3](--/--[--] 0/65[3] --/--[--])

<b>07010108-528</b>	<b>3A</b>	<b>2.6</b>	<b>Dismal Creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S002-908		dismal cr at culvert on csah 38, 9.5 mi se of miltona, mn		CWPLONGP 6

Aquatic life IF +pH FS 0/12[1]

<b>07010108-530</b>	<b>3D</b>	<b>0.5</b>	<b>Unnamed ditch</b>	<b>Marsh in T129 R38W S27 to Lk Ida</b>	<b>2B, 3B</b>
MNPCA1	S001-452		Unnamed ditch 9.75 mi nw of alexandria, mn		CSMP 58

Aquatic life FS =Turbid\_TT\_TSS FS 0/58[8](--/--[--] 0/58[8] --/--[--])

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010108-534</b>	<b>4A</b>	<b>6.9</b>	<b>Long Prairie River</b>		<b>Headwaters (Lk Carlos 21-0057-00) to end of Wetland (C</b>	<b>2B, 3B</b>	
MNPCA1	S002-905		long pr r on br at miltona carlos rd, 4.5 mi s of miltona			CWPLONGP	89
MNPCA1	S002-905		long pr r on br at miltona carlos rd, 4.5 mi s of miltona			LONGP	44
MNPCA1	S002-909		long prairie r on br at cr 65, 2.5 mi se of miltona, mn			CWPLONGP	94
MNPCA1	S002-909		long prairie r on br at cr 65, 2.5 mi se of miltona, mn			LONGP	44
MNPCA1	S004-803		long prairie r, 1/2 mi n of carlos, t129/r37w/s12			CSMP	24
MPCAB	00UM076		Long Prairie River; 1/2 mile west of Carlos			biocriteria	1
MPCAB	00UM089		Long Prairie River; near Carlos @ wastewater treatment plant			biocriteria	1
Aquatic life	NS		=Chloride FS 0/243[10] DO12 -- 42 129[10] DO5_9am NS 2/7[3] DO5_All NS 41/89[8] DO7 FS 1/40[10] !!!DOFinal NS[[6]] =pH FS 0/260[10] =Turbid_TT_TSS FS 0/265[10](0/3[1] 0/24[1] 0/238[10]) +Un-ionzed ammonia FS 0/221[10]				
Ecoregion norms	OK		=NO2&NO3 OK 2/247[10] =Phosphorus OK 0/76[7]				
<b>07010108-535</b>	<b>4A</b>	<b>4.8</b>	<b>Long Prairie River</b>		<b>End of Wetland (CR 65) to Spruce Cr</b>	<b>2B, 3B</b>	
MNPCA1	S004-286		long prairie r on csah 3, .75 mi n of belle River, mn			LONGP	27
Aquatic life	NS		+Chloride FS 0/27[2] DO12 -- 4/27[2] DO5_9am FS 0/2[2] DO5_All NS 4/21[2] \$DO7 FS 0/6[2] \$DOFinal NS[[1]] +pH FS 0/54[2] +Turbid_TT_TSS FS 0/54[2](--/--) 0/54[2]) +Un-ionzed ammonia FS 0/27[2]				
Ecoregion norms	OK		+NO2&NO3 OK 0/27[2]				
<b>07010108-902</b>	<b>3D</b>	<b>0.2</b>	<b>Unnamed creek</b>		<b>Spring Lk to Lk Miltona</b>	<b>2B, 3B</b>	
MNPCA1	S001-779		unn inlet to lk miltona frm spring lk, 12 mi n of alexandria			CSMP	74
Aquatic life	FS		=Turbid_TT_TSS FS 0/74[8](--/--) 0/74[8] --/--)				
<b>07010108-904</b>	<b>3D</b>	<b>0.7</b>	<b>County Ditch 6 (Unnamed ditch)</b>		<b>to Lk Le Homme Dieu</b>	<b>2B, 3B</b>	
MNPCA1	S001-790		County Ditch no. 6 at cr-85, 3 mi ne of alexandria			CSMP	81
Aquatic life	FS		=Turbid_TT_TSS FS 0/81[7](--/--) 0/81[7] --/--)				
<b>07010108-905</b>	<b>3D</b>	<b>0.1</b>	<b>Unnamed inlet</b>		<b>Kruegers Slough to Lk Le Homme Dieu</b>	<b>2B, 3B</b>	
MNPCA1	S001-795		unn inlet to lk lehomme dieu, 3 mi sw of carlos			CSMP	170
Aquatic life	FS		=Turbid_TT_TSS FS 2/170[8](--/--) 2/170[8] --/--)				

HUC: 07010201

DNR Major: 15

HUC NAME: MISS R-Sartell

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010201-501	4A	7.6	Mississippi River	End HUC 07010104 (below Swan R) to Two R	1C, 2Bd, 3C
MNPCA1	S000-150		mississippi r csah-26 bridge, 3 mi w of royalton		MISS_INI 29
MNPCA1	S000-150		mississippi r csah-26 bridge, 3 mi w of royalton		RNC 8
MNPCA1	S000-150		mississippi r csah-26 bridge, 3 mi w of royalton		CSMP 33
MNPCA1	S000-150		mississippi r csah-26 bridge, 3 mi w of royalton		LOADSTDY 10
MNPCA1	S001-678		mississippi r upst blanchard dam, nw of royalton		RNC 5

Aquatic life FS =Chloride FS 0/28[2] DO12 -- 0/45[4] DO5\_9am FS 0/3[1] DO5\_All FS 0/35[4] DO7 FS 0/10[2] +DOFinal IF[[1]] =pH FS 0/92[4] +Turbid\_TT\_TSS FS 0/37[4](0/37[4] 0/39[4] 0/1[1]) +Un-ionzed ammonia FS 0/24[2]

Aquatic recreation IF +E. coli IF 0/19Ind 0/0mo

Drinking Water FS +NO2&NO3 FS 0/46[4]

Ecoregion norms OK =BOD5 OK 0/13[2] =Phosphorus OK 1/46[4]

07010201-511	3A	4.7	Bunker Hill Creek	T38 R30W S6, north line to Little Rock Cr	1B, 2A, 3B
MNPCA1	S004-063		bunker hill cr at cr 56, 4 mi ne of rice, mn		LRLK-L 5
MNPCA1	S004-063		bunker hill cr at cr 56, 4 mi ne of rice, mn		LRCR 32

Aquatic life FS +Chloride FS 0/27[4] DO12 -- 2 36[4] DO5\_All FS 2/26[3] DO7 FS 0/10[3] +DOFinal IF[[1]] +pH FS 10/72[4] +Turbid\_TT\_TSS FS 2/35[4](2/35[4] 0/1[1] 0/1[1]) +Un-ionzed ammonia FS 0/29[4]

Aquatic recreation IF +E. coli IF 0/1Ind 0/0mo

Drinking Water NS !!!NO2&NO3 NS 3 37[4]

Ecoregion norms EX +BOD5 EX 3/17[2] +NO2&NO3 EX 34/37[4] +Phosphorus EX 11/37[4]

07010201-521	5C	14.9	Skunk River	Hillman Cr to Platte R	2B, 3B
MNPCA1	S002-954		skunk cr at csah 36, 5 mi sw of pierz, mn		MISS_INI 50

Aquatic life FS DO12 -- 1/29[2] DO5\_9am FS 1/20[2] DO5\_All FS 1/20[2] DO7 FS 0/9[2] +DOFinal FS[[2]] =pH FS 0/78[3] =Turbid\_TT\_TSS FS 0/49[3](0/49[3] --/-- --/--)

Ecoregion norms EX =BOD5 EX 7/26[3] =NO2&NO3 EX 49/50[3] =Phosphorus EX 34/50[3]

07010201-523	2	5.6	Two River	North & South Two R to Mississippi R	2B, 3B
MNPCA1	S001-331		two Rivers at 40th st br, 1 mi e of bowlus, mn		CSMP 325
MNPCA1	S002-949		two Rivers at csah 25, 2 mi. e. of backus, mn		MISS_INI 49

Aquatic life FS DO12 -- 0/30[2] DO5\_All FS 0/20[2] DO7 FS 0/10[2] +DOFinal IF[[2]] =pH FS 1/78[3] =Turbid\_TT\_TSS FS 0/48[3](0/48[3] 2/325[10] 0/2[1]) +Un-ionzed ammonia FS 0/31[2]

Ecoregion norms EX =BOD5 EX 4/26[3] =NO2&NO3 EX 27/49[3] <>Phosphorus EX 6/49[3]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07010201-525</b>	<b>5C</b>	<b>23.6</b>	<b>Spunk Creek</b>	<b>Lower Spunk Lk to Mississippi R</b>	<b>2B, 3B</b>
MNPCA1	S002-467		spunk ck at csah-9, 1 mi n of avon, mn		CSMP 60
MNPCA1	S002-948		spunk ck at csah 21, 3.5 mi sw of royalton, mn.		MISS_INI 50
MNPCA1	S004-238		sprunk ck at queens rd, 2.5 mi ne of avon		CSMP 54
MPCAB	00UM040		Spunk Creek; upstream of Queens Dr., 4 mi. N of Avon		biocriteria 1

Aquatic life FS DO12 -- 0/31[3] DO5\_All FS 0/21[3] DO7 FS 0/10[2] +DOFinal IF[[2]] =pH FS 1/80[4] =Turbid\_TT\_TSS FS 0/50[4](0/50[4] 0/114[4] 0/2[1]) +Un-ionzed ammonia FS 0/31[2]

Ecoregion norms EX =BOD5 OK 2/26[3] =NO2&NO3 EX 36/51[4] =Phosphorus EX 6/51[4]

<b>07010201-526</b>	<b>2</b>	<b>1.9</b>	<b>Watab River</b>	<b>N &amp; S Fk Jct to Rossier Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-346		watab r at csah-2 br, 1.5 mi n of st. joseph, mn		CSMP 29
MPCAB	00UM041		South Fork Watab River; upstream of C.R. 2, 2 mi. N of St. Joseph		biocriteria 1

Aquatic life FS =Turbid\_TT\_TSS FS 0/30[2](0/1[1] 0/29[1] --/--[--])

<b>07010201-528</b>	<b>2</b>	<b>7.7</b>	<b>Watab River</b>	<b>Rossier Lk to Mississippi R</b>	<b>2B, 3B</b>
MNPCA1	S002-405		watab r, 0.5 mi upst of mississippi r, at sartell		CSMP 27
MNPCA1	S002-947		watab r. at csah 1 in sartell, mn		MISS_INI 50
MNPCA1	S003-362		watab r, 0.2 mi upstream of mississippi at sartell, mn		CSMP 33
MNPCA1	S003-364		watab r at 19th avenue in sartell, mn		CSMP 32
MNPCA1	S003-457		watab r at 57th avenue, 0.3 mi w of sartell, mn		CSMP 67

Aquatic life FS DO12 -- 0/30[2] DO5\_All FS 0/20[2] DO7 FS 0/10[2] +DOFinal IF[[2]] =pH FS 1/78[3] =Turbid\_TT\_TSS FS 0/49[3](0/49[3] 0/118[5] --/--[--]) +Un-ionzed ammonia FS 0/31[2]

Ecoregion norms EX =BOD5 EX 3/26[3] =NO2&NO3 EX 10/50[3] =Phosphorus OK 1/50[3]

<b>07010201-541</b>	<b>3A</b>	<b>1.8</b>	<b>Zuleger Creek</b>	<b>Unnamed cr to Little Rock Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-447		zuleger cr at csah-2. 2.5 mi e of rice, mn		LRCR 36
MNPCA1	S002-447		zuleger cr at csah-2. 2.5 mi e of rice, mn		LRLK-L 7
MNPCA1	S002-447		zuleger cr at csah-2. 2.5 mi e of rice, mn		CSMP 3

Aquatic life FS +Chloride FS 0/33[4] DO12 -- 0/41[4] DO5\_9am FS 0/1[1] DO5\_All FS 0/31[3] DO7 FS 0/10[3] +DOFinal IF[[1]] +pH FS 1/84[4] +Turbid\_TT\_TSS FS 2/42[4](2/42[4] 2/3[1] 0/2[1]) +Un-ionzed ammonia FS 0/35[4]

Aquatic recreation IF +E. coli IF 0/1Ind 0/0mo

Ecoregion norms EX +BOD5 EX 3/21[2] +NO2&NO3 EX 43 43[4] +Phosphorus EX 10/43[4]

<b>07010201-543</b>	<b>2</b>	<b>15.6</b>	<b>South Two River</b>	<b>Two River Lk to Two R</b>	<b>2B, 3B</b>
MNPCA1	S000-425		s two r at br between s3/4 (t126,r30w)		CSMP 162
MNPCA1	S003-567		two r lk outlet 2.5 miles sw of holdingford, mn		CSMP 3

Aquatic life FS =Turbid\_TT\_TSS FS 3/164[5](--/--[--] 3/164[5] --/--[--])

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
07010201-545	2	13.9	Platte River	Unnamed cr (above RR bridge) to Mississippi R	2B, 3B	
MNPCA1	S001-930		platte r at cr-40 brg, 2 mi s of royalton		MISS_INI	119
MNPCA1	S003-809		platte r at centre st in royalton, mn		CSMP	33

Aquatic life      FS      +Chloride FS 0/29[2] DO12 -- 0/93[6] DO5\_All FS 0/62[6] DO7 FS 0/31[6] +DOFinal IF[4]] =pH FS 1/212[7] =Turbid\_TT\_TSS FS 0/117[7](0/117[7] 0/31[4] 0/2[1])  
 +Un-ionized ammonia FS 0/96[6]  
 Aquatic recreation      IF      +E. coli IF 0/19Ind 0/0mo  
 Ecoregion norms      EX      =BOD5 OK 5 58[5] =NO2&NO3 EX 54/117[7] <>Phosphorus EX 12/118[7]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
07010201-548	5C	21.4	Little Rock Creek	T39 R30W S22, south line to T38 R31W S28, east line	1B, 2A, 3B	
MNPCA1	S004-061		Little Rock Cr at csah 12, 1 mi ne of rice, mn		LRLK-L	7
MNPCA1	S004-061		Little Rock Cr at csah 12, 1 mi ne of rice, mn		CSMP	95
MNPCA1	S004-061		Little Rock Cr at csah 12, 1 mi ne of rice, mn		LRCR	38
MNPCA1	S004-062		Little Rock Cr at cr 40, 3.5 mi ne of rice, mn.		CSMP	106
MNPCA1	S004-062		Little Rock Cr at cr 40, 3.5 mi ne of rice, mn.		LRLK-L	7
MNPCA1	S004-062		Little Rock Cr at cr 40, 3.5 mi ne of rice, mn.		LRCR	38
MNPCA1	S004-341		Little Rock Cr at nature rd, 4.5 mi e of royalton, mn		CSMP	16
MNPCA1	S005-028		little rock ck at 73rd st, 9.9 mi ne of rice, mn		LRCR	2
MNPCA1	S005-031		little rock ck at cr-234, 7 mi nne or rice, mn		LRCR	2
MNPCA1	S005-384		little rock ck at cr-8 (15th ave nw), 4 mi n of rice		MDAWQMP	21
MPCAB	03UM110		Little Rock Creek; Upstream of TWP234, 5 mi. NE of Royalton		prob. invest.	1
MPCAB	07UM070		Little Rock Creek; Downstream of CR 36, 5.5 mi. NE of Royalton		prob. invest.	1
MPCAB	07UM070		Little Rock Creek; Downstream of CR 36, 5.5 mi. NE of Royalton		TMDL	1
MPCAB	07UM071		Little Rock Creek; Downstream of CR 26, 4 mi. E of Royalton		prob. invest.	1
MPCAB	07UM071		Little Rock Creek; Downstream of CR 26, 4 mi. E of Royalton		TMDL	1
MPCAB	07UM072		Little Rock Creek; Upstream of 220th Ave, 3.5 mi. NE of Rice		prob. invest.	1
MPCAB	07UM072		Little Rock Creek; Upstream of 220th Ave, 3.5 mi. NE of Rice		TMDL	1
MPCAB	07UM073		Little Rock Creek; Downstream of 15th Ave, 1.5 mi. NE of Rice		prob. invest.	1
MPCAB	07UM073		Little Rock Creek; Downstream of 15th Ave, 1.5 mi. NE of Rice		TMDL	1
MPCAB	75UM001		Little Rock Creek; Upstream of CR12, 1 mi. N of Rice		prob. invest.	1
MPCAB	82UM001		Little Rock Creek; Due west of old farm site, located west of 220th Ave, down a field road, 3 mi. E of Royalton		prob. invest.	1
MPCAB	92UM001		Little Rock Creek; Downstream of CR 40, downstream of Bunker Hill Cr confluence w. LRC, 3 mi N of Rice		prob. invest.	1
MPCAB	99UM058		Little Rock Creek; ~0.5 mi. W. of 250th Ave, 0.3 mi. N. of C.R. 238		TMDL	2
MPCAB	99UM058		Little Rock Creek; ~0.5 mi. W. of 250th Ave, 0.3 mi. N. of C.R. 238		EMAP	1

Aquatic life      NS      +Chloride FS 0/76[4] DO12 -- 15/53[5] DO5\_9am NS 1/3[1] DO5\_All NS 13/42[4] DO7 NS 2/11[4] !!!DOFinal NS[[1]] +pH FS 0/106[5] !!!Turbid\_TT\_TSS NS  
 5/48[5](5/48[5] 1/167[3] 0/1[1]) +Un-ionized ammonia FS 0/79[4]  
 Aquatic recreation      IF      +E. coli IF 0/1Ind 0/0mo  
 Drinking Water      NS      !!!NO2&NO3 NS 11/131[6]  
 Ecoregion norms      EX      +BOD5 EX 4/21[2] +NO2&NO3 EX 128/131[6] +Phosphorus EX 9/72[6]

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: UM</b>	<b>Reach Description</b>	<b>Use Class</b>	<b>Date Printed: 3/4/2009</b>
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010201-550</b>	<b>3A</b>	<b>5.2</b>	<b>Sucker Creek</b>		<b>Mayhew Cr to Little Rock Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-370		Sucker Creek 1/4 mile north of mayhew, mn			CSMP	16
MNPCA1	S004-064		Sucker Cr at Sucker Cr rd, 3.8 mi se of rice, mn			LRCR	24
Aquatic life	FS		+Chloride FS 0/14[3] DO12 -- 0/24[4] DO5_9am FS 0/1[1] DO5_All FS 0/15[3] DO7 FS 0/9[2] +DOFinal IF[[1]] +pH FS 1/48[4] +Turbid_TT_TSS FS 1/22[4](1/22[4] 4/18[2] --/--[--]) +Un-ionized ammonia FS 0/23[4]				
Aquatic recreation	IF		+E. coli IF 0/1Ind 0/0mo				
Ecoregion norms	EX		+BOD5 EX 3/15[2] +NO2&NO3 EX 14/24[4] +Phosphorus EX 9/24[4]				
<b>07010201-552</b>	<b>2</b>	<b>1.9</b>	<b>Watab River, South Fork</b>		<b>Big Watab Lk to Little Watab Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-042		watab r at Big Watab Lake outlet, 4.5 mi s of avon			CSMP	128
MPCAB	00UM034		South Fork Watab River; upstream of C.R. 50, 8 mi. S of Avon			biocriteria	1
Aquatic life	FS		=Turbid_TT_TSS FS 0/128[8](0/1[1] 0/127[7] --/--[--])				
<b>07010201-561</b>	<b>3D</b>	<b>1.7</b>	<b>Spunk Branch</b>		<b>Kalla Lk to Upper Spunk Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-450		spunk ck at cr-9. 2 mi sw of avon, mn			CSMP	60
Aquatic life	FS		=Turbid_TT_TSS FS 0/60[3](--/--[--] 0/60[3] --/--[--])				
<b>07010201-563</b>	<b>3D</b>	<b>0.1</b>	<b>Spunk Creek</b>		<b>Upper Spunk Lk to Middle Spunk Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-526		spunk ck upst of mid spunk lk at i-94. 1 mi sw of avon, mn			CSMP	26
Aquatic life	FS		=Turbid_TT_TSS FS 1/26[4](--/--[--] 1/26[4] --/--[--])				
<b>07010201-564</b>	<b>3D</b>	<b>2.0</b>	<b>County Ditch 13</b>		<b>Bakers Lk to Watab R</b>	<b>2B, 3B</b>	
MNPCA1	S003-363		co dt 13 at 2 1/2 street in sartell, mn			CSMP	36
Aquatic life	FS		=Turbid_TT_TSS FS 0/36[3](--/--[--] 0/36[3] --/--[--])				
<b>07010201-577</b>	<b>3A</b>	<b>1.9</b>	<b>Little Rock Creek</b>		<b>Little Rock Lk to Mississippi R</b>	<b>2B, 3B</b>	
MNPCA1	S005-004		little rock ck at harris channel, 4.5 mi ne of sartell, mn			LRLK-L	7
Aquatic life	IF		+Chloride FS 0/7[1] +pH FS 2/14[1] +Un-ionized ammonia FS 0/7[1]				
<b>07010201-607</b>		<b>9.9</b>	<b>Mississippi River</b>		<b>Morrison/Stearns County border to Little Rock Cr</b>	<b>1C, 2Bd, 3C</b>	
MNPCA1	S004-320		mississippi r off pine pt rd, 4 mi n of sartell			CSMP	29
MNPCA1	S004-320		mississippi r off pine pt rd, 4 mi n of sartell			LRLK-L	7
Aquatic life	FS		+Chloride FS 0/7[1] +pH FS 0/14[1] +Turbid_TT_TSS FS 0/36[2](0/7[1] 0/29[1] --/--[--]) +Un-ionized ammonia FS 0/7[1]				
Drinking Water	FS		+NO2&NO3 FS 0/7[1]				
<b>07010201-901</b>	<b>2</b>	<b>0.2</b>	<b>Unnamed inlet</b>		<b>Schmidt Lk to Big Watab Lk</b>	<b>2B, 3B</b>	
MNPCA1	S002-041		big watab lk inlet on unn road, 3.5 mi s of avon			CSMP	129
Aquatic life	FS		=Turbid_TT_TSS FS 0/129[7](--/--[--] 0/129[7] --/--[--])				

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
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 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010201-905	3B	1.0	Unnamed creek	Headwaters to Pelican Lk	2B, 3B
MNPCA1	S002-463		unn trib to PELICAN Lk at cr-154. 4.7 mi ne of albany, mn		CSMP 42
Aquatic life	NS	!!!Turbid_TT_TSS NS 5/42[2](--/--[ ] 5/42[2] --/--[ ])			

**HUC: 07010202**      **DNR Major: 16**      **HUC NAME: SAUK RIVER**

07010202-501	5B	16.3	Sauk River	Mill Cr to Mississippi R	2B, 3B
MNPCA1	S000-017		sauk River dnstrm of br on csah-1 at sauk rapids		10
MNPCA1	S000-017		sauk River dnstrm of br on csah-1 at sauk rapids	LOADSTDY	11
MNPCA1	S000-017		sauk River dnstrm of br on csah-1 at sauk rapids	MISS_INI	10
MNPCA1	S000-017		sauk River dnstrm of br on csah-1 at sauk rapids	LWRSAUK	42
MNPCA1	S000-017		sauk River dnstrm of br on csah-1 at sauk rapids	MERCLKS/	6
MNPCA1	S000-017		sauk River dnstrm of br on csah-1 at sauk rapids	MILE	47
MNPCA1	S000-360		sauk r at cr-121 2 mi se of st joseph	PEARL-L	17
MNPCA1	S000-360		sauk r at cr-121 2 mi se of st joseph	LWRSAUK	24
MNPCA1	S000-360		sauk r at cr-121 2 mi se of st joseph	CSMP	17
MNPCA1	S000-503		sauk r at csah-4 in st cloud	LWRSAUK	20
MNPCA1	S000-503		sauk r at csah-4 in st cloud	PEARL-L	7
MNPCA1	S000-503		sauk r at csah-4 in st cloud	SAUKR/PE	17
MNPCA1	S000-503		sauk r at csah-4 in st cloud	CSMP	48
MNPCA1	S004-621		sauk r at waite pk usgs station in st. cloud, mn	MDAWQMP	22
MNPCA1	S004-621		sauk r at waite pk usgs station in st. cloud, mn	LWRSAUK	24
MPCAB	08UM001		Sauk River; Upstream of CR 4 in Waite Park	phase1	1
Aquatic life	NS	=Arsenic FS 0/6[2] =Cadmium FS 0/6[2] +Chloride FS 0/159[3] =Copper FS 0/6[2] DO12 -- 5/113[9] DO5_9am FS 0/2[1] DO5_All FS 5/79[6] DO7 FS 0/34[9] +DOFinal IF[[2]] =Lead FS 0/6[2] =Mercury FS 0/6[2] +Nickel FS 0/6[2] =pH FS 0/174[9] \$Turbid_TT_TSS NS 10/75[9](10/75[9] 1/76[4] 1/26[4]) +Un-ionzed ammonia FS 0/56[9] =Zinc FS 0/6[2]			
Aquatic recreation	FS	\$E. coli FS 0/70Ind 0/6mo			
Ecoregion norms	EX	+BOD5 EX 2/11[3] =NO2&NO3 EX 98/112[9] =Phosphorus EX 16/74[9]			

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010202-502	5B	21.1	Sauk River	Headwaters (Lk Osakis 77-0215-00) to Sauk Lk	2B, 3B	
MNPCA1	S000-552		sauk r. at csah-2 bridge, inlet to sauk lake		BIGSAUKL	26
MNPCA1	S000-552		sauk r. at csah-2 bridge, inlet to sauk lake		BSAUKL-L	37
MNPCA1	S002-649		sauk r at csah 37 e side lk osakis ne of osakis		CWPOSAKI	118
MNPCA1	S002-649		sauk r at csah 37 e side lk osakis ne of osakis		BSAUKL-L	18
MNPCA1	S003-292		sauk r at cr-2, 2.2 m s of little sauk, minnesota		BIGSAUKL	46
MNPCA1	S003-542		sauk r at unn st, 5 mi sw of little sauk, minnesota		SRCL	1
MNPCA1	S003-542		sauk r at unn st, 5 mi sw of little sauk, minnesota		USAUKR-S	22
MNPCA1	S003-888		sauk r at unn st, 1.1 mi s of little sauk, mn		BIGSAUKL	6
MNPCA1	S003-888		sauk r at unn st, 1.1 mi s of little sauk, mn		USAUKR-S	12
MNPCA1	S003-888		sauk r at unn st, 1.1 mi s of little sauk, mn		CSMP	12
MNPCA1	S003-888		sauk r at unn st, 1.1 mi s of little sauk, mn		SAUKR/US	15
MNPCA1	S003-890		sauk r at csah-11, 2.7 mi w of little sauk, mn		BIGSAUKL	6
MNPCA1	S003-890		sauk r at csah-11, 2.7 mi w of little sauk, mn		CSMP	8
MNPCA1	S003-890		sauk r at csah-11, 2.7 mi w of little sauk, mn		USAUKR-S	22
MNPCA1	S003-891		sauk r at unn st, 2.6 mi ne of west union, mn		CSMP	8
MNPCA1	S003-891		sauk r at unn st, 2.6 mi ne of west union, mn		BIGSAUKL	27
MNPCA1	S003-891		sauk r at unn st, 2.6 mi ne of west union, mn		BSAUKL-L	36
MNPCA1	S003-892		sauk r at csah-4, 3.3 mi e of osakis, mn		CSMP	7
MNPCA1	S003-892		sauk r at csah-4, 3.3 mi e of osakis, mn		BIGSAUKL	6
MNPCA1	S005-071		sauk r at cr-57, 2.8 mi n of west union, mn		USAUKR-S	22
MPCAB	08UM039		Sauk River; Upstream of Cedar Lake Rd, 7 mi. N of Sauk Centre		phase1	2
MPCAB	08UM040		Sauk River; Upstream of 151st Ave, 4 mi. SE of Osakis		phase1	1

Aquatic life      NS      =Chloride FS 0/275[8] DO12 -- 15/99[4] DO5\_All NS 15/86[4] \$DO7 FS 0/13[4] \$DOFinal NS[[2]] +pH FS 0/38[1] =Turbid\_TT\_TSS FS 6/348[10](0/1[1] 0/31[4] 6/316[10]) +Un-ionzed ammonia FS 1/69[1]  
 Aquatic recreation      FS      +E. coli FS 0/58Ind 0/6mo  
 Ecoregion norms      EX      =NO2&NO3 EX 35/119[5] =Phosphorus OK 1/92[8]



AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010202-503	5C	27.5	Ashley Creek	Headwaters to Sauk Lk	2B, 3B
MNPCA1	S003-522		Ashley Creek at cr-9, 3 mi se of west union, minnesota		BSAUKL-L 37
MNPCA1	S003-522		Ashley Creek at cr-9, 3 mi se of west union, minnesota		BIGSAUKL 81
MNPCA1	S003-870		ashley ck at 470th ave, 4.0 mi ne of westport, mn		BIGSAUKL 6
MNPCA1	S003-870		ashley ck at 470th ave, 4.0 mi ne of westport, mn		CSMP 19
MNPCA1	S003-870		ashley ck at 470th ave, 4.0 mi ne of westport, mn		BSAUKL-L 10
MNPCA1	S003-871		ashley ck at tr-130, 0.76 mi nw of westport, mn		CSMP 15
MNPCA1	S003-871		ashley ck at tr-130, 0.76 mi nw of westport, mn		BSAUKL-L 19
MNPCA1	S003-871		ashley ck at tr-130, 0.76 mi nw of westport, mn		BIGSAUKL 6
MNPCA1	S003-872		ashley ck at csah-72, 4.9 mi nw of sauk centre, mn		BIGSAUKL 1
MNPCA1	S003-872		ashley ck at csah-72, 4.9 mi nw of sauk centre, mn		BSAUKL-L 9
MNPCA1	S003-872		ashley ck at csah-72, 4.9 mi nw of sauk centre, mn		CMB 5
MNPCA1	S004-625		ashley cr at csah 11, 3 mi nw of sauk centre, mn		SAUKR/BS 18
MNPCA1	S004-625		ashley cr at csah 11, 3 mi nw of sauk centre, mn		BSAUKL-L 27
MNPCA1	S005-302		ashley ck at csah-33 just north of westport		CMB 7
MNPCA1	S005-304		ashley ck at cr-183, 5.5 mi nw of sauk centre		CMB 5
MPCAB	08UM038		Ashley Creek; Downstream of CR 11, 2 mi. NW of Westport		phase1 1
MPCAB	08UM042		Ashley Creek; Upstream of CR 92, 4.5 mi. NW of Sauk Centre		phase1 1
MPCAB	08UM050		Ashley Creek; Upstream of Twp Rd 130, 1 mi. NW of Westport		phase1 1

Aquatic life NS =Chloride FS 0/102[6] DO12 -- 10/78[4] DO5\_9am NS 1/2[1] DO5\_All NS 10/66[4] \$DO7 FS 0/12[4] \$DOFinal NS[[2]] +pH FS 0/46[1] =Turbid\_TT\_TSS FS 24/244[9](--/--[--] 0/52[5] 24/192[9]) +Un-ionized ammonia FS 0/11[1]

Aquatic recreation NS !!!E. coli NS 2/54Ind 2/6mo

Ecoregion norms EX =NO2&NO3 EX 26/26[3] =Phosphorus EX 7/51[6]

07010202-505	4A	13.0	Sauk River	Adley Cr to Getchell Cr	2B, 3B
MNPCA1	S000-284		sauk r. csah-31 s of new munich		RNC 2
MNPCA1	S000-284		sauk r. csah-31 s of new munich		SRCL 81
MNPCA1	S000-284		sauk r. csah-31 s of new munich		SRCL/SAU 19
MNPCA1	S000-366		sauk r. at csah-30 bridge near new munich		SRCL 1
MNPCA1	S000-366		sauk r. at csah-30 bridge near new munich		CSMP 13
MNPCA1	S000-367		sauk River at grove tnsnp rd. - sec. 12		CSMP 63
MPCAB	08UM025		Sauk River; Downstream of CR 31, 3 mi. S of New Munich		phase1 1
MPCAB	08UM027		Sauk River; Upstream of CR 30 in New Munich		phase1 2

Aquatic life FS +Chloride FS 0/46[4] DO12 -- 0/61[4] DO5\_9am FS 0/3[1] DO5\_All FS 0/52[4] DO7 FS 0/9[4] +DOFinal IF[[1]] +pH FS 0/26[1] =Turbid\_TT\_TSS FS 2/240[7](1/2[1] 1/84[4] 0/154[7]) +Un-ionized ammonia FS 1/11[1]

Aquatic recreation IF +E. coli IF 2/33Ind 1/6mo

Ecoregion norms EX +NO2&NO3 EX 15/16[1] +Phosphorus EX 7/20[3]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010202-507	4A	16.4	Sauk River	Sauk Lk to Melrose Dam	2B, 3B
MNPCA1	S000-373		sauk r. at co. rd. 186 bridge at sauk center		BSAUKL-L 38
MNPCA1	S000-373		sauk r. at co. rd. 186 bridge at sauk center		SRCL 1
MNPCA1	S000-373		sauk r. at co. rd. 186 bridge at sauk center		BIGSAUKL 51
MNPCA1	S002-655		sauk r. at us hwy 71 at sauk lk outlet, sauk cen		SRCL 1
MPCAB	08UM033		Sauk River; At Hwy 4, 2.5 mi. W of Melrose		phase1 1

Aquatic life FS +Chloride FS 0/57[4] DO12 -- 1/64[4] DO5\_9am FS 0/1[1] DO5\_All FS 1/54[4] DO7 FS 0/10[4] +DOFinal IF[[1]] +Turbid\_TT\_TSS FS 1/181[7](--/--[1] 0/1[1] 1/180[7])

Aquatic recreation FS +E. coli FS 0/37Ind 0/6mo

Ecoregion norms OK +Phosphorus OK 1/14[3]

07010202-508	4A	32.5	Sauk River	Getchell Cr to State Hwy 23	2B, 3B
MNPCA1	S000-517		sauk River at csah-12 bridge near richmond		SRCL 137
MNPCA1	S000-517		sauk River at csah-12 bridge near richmond		SRWD 2
MNPCA1	S000-702		sauk River at csah-12 bridge near st.martin		SRCL 92
MNPCA1	S000-934		sauk River at csah-10 ne of st.martin		SRCL/SAU 1
MPCAB	08UM009		Sauk River; Upstream of CR 111 W of Richmond		phase1 1
MPCAB	08UM018		Sauk River; Upstream of CR 12, 8 mi. SW of Albany		phase1 1

Aquatic life NS =Chloride FS 0/112[8] DO12 -- 2 79[4] DO5\_All FS 2/64[4] DO7 FS 0/15[4] +DOFinal IF[[1]] !!!Turbid\_TT\_TSS NS 42/304[10](--/--[1] 0/2[1] 42/302[10])

Aquatic recreation NS !!!E. coli NS 2/45Ind 2/6mo

Ecoregion norms EX =NO2&NO3 EX 31/33[5] =Phosphorus EX 26/64[7]

07010202-517	4A	1.6	Sauk River	Knaus Lk to Cold Spring Dam	2B, 3B
MNPCA1	S003-286		sauk r at csah 2, 0.4 m s of cold springs, minnesota		SRCL 143

Aquatic life NS =Chloride FS 0/85[8] DO12 -- 0/66[4] DO5\_All FS 0/57[4] DO7 FS 0/9[4] +DOFinal IF[[0]] !!!Turbid\_TT\_TSS NS 27/264[10](--/--[1] --/--[1] 27/264[10])

Aquatic recreation FS +E. coli FS 0/35Ind 0/5mo

Ecoregion norms EX =NO2&NO3 EX 17/29[4] =Phosphorus EX 14/58[6]

07010202-520	5B	5.6	Sauk River	Cold Spring WWTP to Mill Cr	2B, 3B
MNPCA1	S000-361		sauk River at co rd 139 in rockville		PEARL-L 17
MNPCA1	S000-361		sauk River at co rd 139 in rockville		LWRSUK 24
MPCAB	08UM003		Sauk River; Upstream of Mill St N in Rockville		phase1 1

Aquatic life FS +Chloride FS 0/39[2] +pH FS 0/16[1] +Turbid\_TT\_TSS FS 2/50[2](2/7[1] 0/27[2] 0/16[2])

Aquatic recreation FS +E. coli FS 0/38Ind 0/6mo

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

07010202-522	3B	10.4	Hoboken Creek	Headwaters to Sauk Lk	2B, 3B
MNPCA1	S002-654		hoboken ck at willow st. (hickman dr) in sauk centre		BIGSAUKL 22
MNPCA1	S002-654		hoboken ck at willow st. (hickman dr) in sauk centre		BSAUKL-L 36
MNPCA1	S003-523		hoboken ck at cr-72, 1 mi nw of sauk centre, minnesota		BIGSAUKL 51
MNPCA1	S003-874		hoboken ck at cr-184, 1.4 mi w of sauk centre, mn		BIGSAUKL 6
MNPCA1	S003-874		hoboken ck at cr-184, 1.4 mi w of sauk centre, mn		CSMP 6
MNPCA1	S003-875		hoboken ck at mn-28, 2.9 mi sw of sauk centre, mn		BIGSAUKL 6
MNPCA1	S003-875		hoboken ck at mn-28, 2.9 mi sw of sauk centre, mn		BSAUKL-L 19
MNPCA1	S003-875		hoboken ck at mn-28, 2.9 mi sw of sauk centre, mn		CSMP 15
MNPCA1	S003-877		hoboken ck at csah-18, 5.1 mi sw of sauk centre, mn		BIGSAUKL 6
MNPCA1	S003-877		hoboken ck at csah-18, 5.1 mi sw of sauk centre, mn		CSMP 20
MNPCA1	S003-877		hoboken ck at csah-18, 5.1 mi sw of sauk centre, mn		CMB 6
MNPCA1	S003-877		hoboken ck at csah-18, 5.1 mi sw of sauk centre, mn		BSAUKL-L 19
MPCAB	00UM037		Hobboken Creek; south of Hwy 28		ref. ditches 2
MPCAB	00UM037		Hobboken Creek; south of Hwy 28		biocriteria 1
MPCAB	08UM037		Hoboken Creek; Upstream of CR 72 in Sauk Centre		phase1 2

Aquatic life NS =Chloride FS 0/64[6] DO12 -- 5/74[5] DO5\_9am FS 0/3[3] DO5\_All FS 4/62[5] DO7 FS 1/12[4] +DOFinal IF[[1]] +pH FS 1/30[3] !!!Turbid\_TT\_TSS NS 32/238[9](0/3[2] 0/39[5] 32/196[9])

Aquatic recreation FS +E. coli FS 3/51Ind 0/5mo

Ecoregion norms EX =NO2&NO3 EX 16/16[5] =Phosphorus EX 18/51[7]

07010202-527	3A	4.8	Adley Creek	Sylvia Lk to Sauk R	2B, 3B
MNPCA1	S000-369		ADLEY CRook at co. rd. 168 near melrose		SRCL 50
MNPCA1	S000-369		ADLEY CRook at co. rd. 168 near melrose		SRCL/SAU 19
MNPCA1	S003-521		adley ck (cd-33) at cr-17, 5.2 mi n of melrose, minnesota		SRCL 31
MPCAB	08UM031		Adley Creek; Upstream of CR 169, 3 mi. NE of Melrose		phase1 1

Aquatic life FS +Chloride FS 0/49[4] DO12 -- 0/58[4] DO5\_All FS 0/49[4] DO7 FS 0/9[4] +DOFinal IF[[0]] +pH FS 0/22[1] +Turbid\_TT\_TSS FS 5/172[6](--/--[0] 0/12[1] 5/160[6]) +Un-ionzed ammonia FS 0/10[1]

Aquatic recreation NS !!!E. coli NS 2/33Ind 3/6mo

Ecoregion norms EX +NO2&NO3 EX 11/11[1] +Phosphorus OK 1/15[2]

07010202-529	3D	0.2	Unnamed creek	Little Birch Lk to Sylvia Lk	2B, 3B
MNPCA1	S001-442		ADLEY CRook, channel between little birch l and sylvia l		CSMP 184
MNPCA1	S001-442		ADLEY CRook, channel between little birch l and sylvia l		SRWD 8
MNPCA1	S003-544		adley ck at LITTLE BIRCH LK outlet, 5.2 mi sw of grey eagle		CSMP 22
MNPCA1	S003-544		adley ck at LITTLE BIRCH LK outlet, 5.2 mi sw of grey eagle		SRCL 6

Aquatic life FS =Turbid\_TT\_TSS FS 0/214[10](--/--[0] 0/206[9] 0/8[1])

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010202-531	2	0.3	Unnamed creek	Big Birch Lk to Little Birch Lk	2B, 3B
MNPCA1	S001-106		unn ck btwn big and LITTLE BIRCH LK at unn rd		BIGBIRCH 45

Aquatic life FS =Chloride FS 0/13[3] =Turbid\_TT\_TSS FS 2/54[4](--/--[--] --/--[--] 2/54[4])  
 Ecoregion norms OK =NO2&NO3 OK 1/14[3] =Phosphorus OK 0/36[4]

07010202-533	3C	1.1	Unnamed creek	Headwaters to Big Birch Lk	2B, 3B
MNPCA1	S001-107		unn ck to big birch at mn-2 1.5 m s of grey eagl		BIGBIRCH 14

Aquatic life IF =Chloride FS 0/5[2]  
 Ecoregion norms OK =Phosphorus OK 0/11[2]

07010202-535	2	2.9	Fish Creek	Goose Lk to Big Birch Lk	2B, 3B
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MNPCA1	S001-389		FISH CK 4 mi se of grey eagle		BIGBIRCH 42
MNPCA1	S001-389		FISH CK 4 mi se of grey eagle		CSMP 73
MNPCA1	S001-390		FISH CK at austin trail culvert 4 mi se of grey eagle		MDAWQMP 12
MNPCA1	S001-390		FISH CK at austin trail culvert 4 mi se of grey eagle		CSMP 78
MNPCA1	S001-391		FISH CK at csah-47 culvert 3 mi sse of grey eagle		CSMP 110
MNPCA1	S001-501		FISH CK at cr 229 brg, 6 mi se of grey eagle		BIGBIRCH 48
MNPCA1	S001-501		FISH CK at cr 229 brg, 6 mi se of grey eagle		CSMP 62

Aquatic life NS =Chloride FS 0/48[6] DO12 -- 0/40[3] DO5\_All FS 0/33[3] DO7 FS 0/7[3] +DOFinal IF[[0]] !!!Turbid\_TT\_TSS NS 34/328[10](--/--[--] 12/182[10] 22/146[7])  
 Aquatic recreation IF +E. coli IF 1/15Ind 0/0mo  
 Ecoregion norms EX =NO2&NO3 EX 10/17[3] <>Phosphorus OK 5/50[7]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010202-537	5C	11.1	Mill Creek	Headwaters to Sauk R	2B, 3B
MNPCA1	S000-444		mill ck at mn-23 in rockville		PEARL-L 7
MNPCA1	S000-444		mill ck at mn-23 in rockville		BFISHLON 37
MNPCA1	S000-444		mill ck at mn-23 in rockville		SRWD 49
MNPCA1	S000-444		mill ck at mn-23 in rockville		SAUKR/PE 17
MNPCA1	S002-050		mill ck at unn rd, 1 mi e of csah-8, 1.5 mi s of rockville		CSMP 66
MNPCA1	S003-881		mill ck at end of mill st, 0.4 mi s of rockville, mn		LWRSauK 2
MNPCA1	S003-882		mill ck at 230th st, 1.2 mi sse of rockville, mn		CSMP 10
MNPCA1	S003-882		mill ck at 230th st, 1.2 mi sse of rockville, mn		LWRSauK 3
MNPCA1	S003-882		mill ck at 230th st, 1.2 mi sse of rockville, mn		SRWD 9
MNPCA1	S004-163		mill ck (peark l inlet) at cr-141, 6.5 mi se of cold spring		PEARL-L 16
MNPCA1	S004-163		mill ck (peark l inlet) at cr-141, 6.5 mi se of cold spring		LWRSauK 3
MNPCA1	S004-164		mill ck (peark l outlet) at cr-146, 7 mi se of cold spring		CSMP 9
MNPCA1	S004-164		mill ck (peark l outlet) at cr-146, 7 mi se of cold spring		SRWD 9
MNPCA1	S004-164		mill ck (peark l outlet) at cr-146, 7 mi se of cold spring		PEARL-L 18
MNPCA1	S004-164		mill ck (peark l outlet) at cr-146, 7 mi se of cold spring		LWRSauK 3
MPCAB	08UM004		Mill Creek; Downstream of Mill St, .5 mi. SE of Rockville		phase1 1
MPCAB	08UM005		Mill Creek; Upstream of Agate Beach Rd, 2 mi. SE of Rockville		phase1 1
MPCAB	08UM006		Mill Creek; CR 48 in Marty		phase1 1

Aquatic life FS +Chloride FS 0/96[4] DO12 -- 1/81[4] DO5\_9am FS 0/4[3] DO5\_All FS 1/69[4] DO7 FS 0/12[4] +DOFinal IF[[3]] +pH FS 0/28[1] =Turbid\_TT\_TSS FS 2/255[7](0/7[1] 0/92[6] 2/156[6]) +Un-ionized ammonia FS 0/11[1]

Aquatic recreation FS \$E. coli FS 0/47Ind 0/6mo

Ecoregion norms EX +BOD5 OK 0/20[2] +NO2&NO3 EX 6/14[1] +Phosphorus OK 1/18[2]

07010202-541	3B	11.1	Stony Creek	Headwaters (Unnamed lk 73-0261-00) to Sauk R	2B, 3B
MNPCA1	S000-497		Stony Creek at co. rd. near spring hill		SRCL 158
MPCAB	08UM022		Stony Creek; Upstream of 325th Ave, 2 mi. NE of Spring Hill		phase1 1
MPCAB	08UM024		Stony Creek; Upstream of 343rd Ave, 1.5 mi. N of Spring Hill		phase1 2

Aquatic life NS =Chloride FS 0/73[8] DO12 -- 0/59[4] DO5\_9am FS 0/1[1] DO5\_All FS 0/50[4] DO7 FS 0/9[4] +DOFinal IF[[0]] !!!Turbid\_TT\_TSS NS 65/285[10](--/--[0] 0/3[1] 65/282[10])

Aquatic recreation NS !!!E. coli NS 5/34Ind 4/6mo

Ecoregion norms EX =NO2&NO3 EX 32/32[5] =Phosphorus EX 29/82[7]

07010202-542	5C	0.6	Unnamed creek	Unnamed cr to Sauk R	2B, 3B
MNPCA1	S000-950		Unnamed tributary near spring hill		SRCL 65

Aquatic life NS =Chloride FS 0/37[5] \$Turbid\_TT\_TSS NS 53/110[5](--/--[0] --/--[0] 53/110[5])

Aquatic recreation IF +E. coli IF 0/11Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 27/27[4] =Phosphorus EX 25/54[4]

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Agency	Station		Location				Project	
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07010202-545	3D	1.9	Eden Lake Outlet	Headwaters (Eden Lk 73-0150-00) to Browns Lk	2B, 3B
MNPCA1	S002-040		browns lk inlet just w of mn-22, 5 mi s of richmond		SRCL 12
MNPCA1	S002-040		browns lk inlet just w of mn-22, 5 mi s of richmond		CSMP 273
MNPCA1	S004-918		unn str to brown's lk on 170th st, 3 mi n of eden valley, mn		SAUKR 8
MPCAB	08UM010		Trib to Browns Lake; Downstream of CR 21, 2.5 mi. N of Eden Valley		phase1 1

Aquatic life NS +Chloride FS 0/15[3] DO12 -- 9/20[3] DO5\_All NS 9/16[3] DO7 FS 0/4[2] !!!DOFinal NS[[0]] +pH FS 0/18[1] =Turbid\_TT\_TSS FS 20/304[7](--/-- 20/282[7] 0/22[2]) +Un-ionzed ammonia FS 0/8[1]

Aquatic recreation IF +E. coli IF 0/14Ind 0/0mo

07010202-550	3A	1.5	Unnamed creek	Unnamed cr to Vails (Mud) Lk	7
MNPCA1	S003-518		unn trib to vails l at cr-9, 0.96 mi e of eden valley, mn		SRCL 59
MPCAB	08UM057		Unnamed ditch; Downstream of CR 164, 1 mi. E of Eden Valley		class7 1

Aquatic recreation IF +E. coli IF 1/10Ind 0/1mo

Limited Use Waters IF +Chloride FS 0/38[6] DO12 -- 0/22[3] DO5\_9am FS 0/1[1] DO5\_All FS 0/16[2] DO7 FS 0/6[3] +DOFinal IF[[1]]

07010202-552	5C	2.3	Crooked Lake Ditch	Unnamed cr to Lk Osakis	2B, 3B
MNPCA1	S002-647		crooked lk dt esah-10 inl lk osakis 5 mi n osakis		CWPOSAKI 51
MNPCA1	S003-303		crooked lk dtch at cr-73, 4.4 m n of osakis, minnesota		CWPOSAKI 118
MNPCA1	S003-878		crooked l dtch (jd2) 0.32 mi e of cr-5, 4.3 mi n osakis, mn		CWPOSAKI 18
MNPCA1	S003-879		crooked l dtch (jd2) 0.39 mi e of cr-5, 4.3 mi n osakis, mn		CWPOSAKI 18
MPCAB	00UM072		Crooked Lake Ditch; upstream of C.R. 85, 4 mi. N. of Osakis		biocriteria 1

Aquatic life NS =Chloride FS 0/96[8] DO12 -- 17/43[4] DO5\_All NS 17/37[4] DO7 FS 0/6[3] !!!DOFinal NS[[0]] !!!Turbid\_TT\_TSS NS 37/213[10](0/1[1] --/-- 37/212[10])

Aquatic recreation IF +E. coli IF 0/16Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 19/27[5] =Phosphorus EX 21/63[6]

07010202-560	3A	1.4	Unnamed creek	Grand Lk to Mill Cr	2B, 3B
MNPCA1	S003-321		outlet to grand lk at hubbert ln, 1.8 mi s of rockville, mn		CSMP 5
MNPCA1	S003-321		outlet to grand lk at hubbert ln, 1.8 mi s of rockville, mn		SRWD 11
MNPCA1	S003-534		grand l outlet at hubert ln, 1.4 mi s of rockville, mn		SRCL 1
MNPCA1	S003-534		grand l outlet at hubert ln, 1.4 mi s of rockville, mn		SRWD 1
MNPCA1	S003-880		unn trib to mill ck at 230th st, 1.0 mi s of rockville, mn		LWRSALK 4
MNPCA1	S003-880		unn trib to mill ck at 230th st, 1.0 mi s of rockville, mn		SRWD 4
MNPCA1	S003-880		unn trib to mill ck at 230th st, 1.0 mi s of rockville, mn		CSMP 4

Aquatic life IF +Chloride FS 0/5[2]

Aquatic recreation IF +E. coli IF 0/5Ind 0/0mo

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Agency	Station		Location				Project	
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<b>07010202-562</b>	<b>5C</b>	<b>16.1</b>	<b>Getchell Creek (County Ditch 2)</b>	<b>Unnamed cr to Sauk R</b>	<b>2B, 3B</b>
MNPCA1	S003-289		getchel ck at csah 176, 3.1 m se of new munich, mn		RNC 2
MNPCA1	S003-289		getchel ck at csah 176, 3.1 m se of new munich, mn		SRCL 143
MNPCA1	S003-289		getchel ck at csah 176, 3.1 m se of new munich, mn		SRCL/SAU 19
MNPCA1	S004-626		getchell ck at csah 39, 1.3 mi ne of freeport, mn		SRCL 13
MNPCA1	S004-627		getchell ck at cr-157, 1.2 mi se of freeport, mn		SRCL 29
MPCAB	00UM039		Getchell Creek; @ C.R. 176, 14 miles SW Albany		phase1 1
MPCAB	00UM039		Getchell Creek; @ C.R. 176, 14 miles SW Albany		biocriteria 1
MPCAB	07UM086		Getchell Creek; Upstream of Oakland Rd., 3 mi. S of New Munich		ref. ditches 1
MPCAB	08UM044		Getchell Creek; Downstream of 350th St, 4 mi. W of Albany		phase1 1

Aquatic life NS =Chloride FS 0/120[8] DO12 -- 16/60[5] DO5\_9am NS 1/1[1] DO5\_All NS 14/50[5] DO7 NS 2/10[4] !!!DOFinal NS[[0]] +pH FS 1/28[3] !!!Turbid\_TT\_TSS NS 37/281[11](0/4[3] 0/11[1] 37/266[11]) +Un-ionzed ammonia FS 0/12[1]

Aquatic recreation IF +E. coli IF 1/35Ind 1/6mo

Ecoregion norms EX =NO2&NO3 EX 27/47[6] =Phosphorus EX 63/82[8]

<b>07010202-564</b>	<b>3D</b>	<b>0.6</b>	<b>Unnamed creek</b>	<b>Herberger Lk to Gulden Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-798		unn inlet to gulden lk at foot brg, 3 mi s of osakis		CSMP 84

Aquatic life FS =Turbid\_TT\_TSS FS 2/84[5](--/--[ ] 2/84[5] --/--[ ])

<b>07010202-565</b>	<b>3A</b>	<b>0.6</b>	<b>Unnamed creek (Kinzer Creek)</b>	<b>Unnamed lk (73-0516-00) to Knaus Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-434		kinser ck 2 mi s of cold spring, mn		SRCL 49
MNPCA1	S001-434		kinser ck 2 mi s of cold spring, mn		CSMP 21

Aquatic life NS +Chloride FS 0/44[3] DO12 -- 8/47[3] DO5\_All NS 8/38[3] DO7 FS 0/9[3] !!!DOFinal NS[[0]] +Turbid\_TT\_TSS FS 3/119[5](--/--[ ] 1/21[1] 2/98[4])

Aquatic recreation FS +E. coli FS 1/35Ind 0/5mo

<b>07010202-567</b>	<b>3A</b>	<b>1.7</b>	<b>Unnamed creek (Cold Spring Creek)</b>	<b>T123 R30W S15, west line to Sauk R</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-873		unn trib to sauk r s of 2nd st e of 2nd ave in cold spring		SRCL 62

Aquatic life NS +Chloride FS 0/56[4] DO12 -- 5/59[4] DO5\_All NS 5/49[4] DO7 FS 0/10[4] !!!DOFinal NS[[0]] +Turbid\_TT\_TSS FS 1/62[4](--/--[ ] --/--[ ] 1/62[4])

Aquatic recreation FS +E. coli FS 0/35Ind 0/5mo

<b>07010202-573</b>	<b>3C</b>	<b>0.0</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Grand Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-320		inlet to grand lk at csah-8, 2.9 mi s of rockville, mn		REDRWTC 2
MNPCA1	S003-320		inlet to grand lk at csah-8, 2.9 mi s of rockville, mn		SRWD 10

Aquatic life IF =Chloride FS 0/6[1]

Ecoregion norms OK =Phosphorus OK 0/10[1]

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010202-575</b>	<b>3A</b>	<b>0.9</b>	<b>Kolling Creek</b>		<b>Unnamed cr to Becker Lk</b>		<b>2B, 3B</b>
MNPCA1	S000-917		Kolling Creek at csah-43 west of richmond			SRCL	38
MNPCA1	S000-917		Kolling Creek at csah-43 west of richmond			SRCL/SAU	11
Aquatic life	NS		+Chloride FS 0/44[3] DO12 -- 15/45[3] DO5_All NS 15/36[3] DO7 FS 0/9[3] !!!DOFinal NS[[0]] +pH FS 0/20[1] +Turbid_TT_TSS FS 1/85[4](--/--) 0/11[1] 1/74[4])				
Aquatic recreation	FS		+E. coli FS 0/35Ind 0/6mo				
Ecoregion norms	EX		+NO2&NO3 EX 5/10[1]				
<b>07010202-577</b>	<b>3A</b>	<b>2.6</b>	<b>Unnamed creek</b>		<b>Headwaters to Little Birch Lk</b>		<b>2B, 3B</b>
MNPCA1	S003-543		unn trib to LITTLE BIRCH LK, 2.7 mi sw of grey eagle, mn			CSMP	21
Aquatic life	FS		+Turbid_TT_TSS FS 0/21[4](--/--) 0/21[4] --/--)				
<b>07010202-578</b>	<b>2</b>	<b>1.9</b>	<b>Silver Creek</b>		<b>Unnamed cr to Ashley Cr</b>		<b>2B, 3B</b>
MNPCA1	S003-290		silver ck at cr-9, 5 mi nw of sauk centre, minnesota			BIGSAUKL	78
Aquatic life	NS		=Chloride FS 0/30[4] DO12 -- 2 24[2] DO5_All FS 2/22[2] DO7 FS 0/2[2] +DOFinal IF[[0]] !!!Turbid_TT_TSS NS 18/138[6](--/--) --/--) 18/138[6])				
Aquatic recreation	IF		+E. coli IF 1/2Ind 0/0mo				
Ecoregion norms	EX		=NO2&NO3 EX 12/12[2] =Phosphorus EX 13/40[3]				
<b>07010202-589</b>	<b>3C</b>	<b>1.0</b>	<b>Boss Creek</b>		<b>Baugh Cr to Pitt Lk</b>		<b>2B, 3B</b>
MNPCA1	S003-302		boss ck at csah-37, 5.6 mi ne of osakis, minnesota			CWPOSAKI	18
MPCAB	07UM078		Boss Creek; Upstream of CR 37, 7 mi. NE of Osakis			ref. ditches	1
MPCAB	07UM078		Boss Creek; Upstream of CR 37, 7 mi. NE of Osakis			phase1	2
Aquatic life	FS		=Chloride FS 0/8[3] +Turbid_TT_TSS FS 1/25[5](0/1[1] 0/2[1] 1/22[3])				
Ecoregion norms	EX		=NO2&NO3 EX 2/11[5] =Phosphorus EX 3/20[5]				
<b>07010202-591</b>	<b>3A</b>	<b>0.2</b>	<b>Unnamed creek</b>		<b>Little Lk Osakis to Lk Osakis</b>		<b>2B, 3B</b>
MNPCA1	S002-652		lk osakis inlet fr little l osakis at csah-10			CWPOSAKI	11
Aquatic life	IF		+Chloride FS 0/8[1]				
Aquatic recreation	IF		+E. coli IF 0/1Ind 0/0mo				
<b>07010202-593</b>	<b>3A</b>	<b>1.9</b>	<b>Unnamed creek</b>		<b>Hennessy Lk to Little Birch Lk</b>		<b>2B, 3B</b>
MNPCA1	S003-322		outlet to little birch l at csah-8, 3 mi sw grey eagle, mn			SRCL	12
MNPCA1	S003-322		outlet to little birch l at csah-8, 3 mi sw grey eagle, mn			SRWD	8
MNPCA1	S003-322		outlet to little birch l at csah-8, 3 mi sw grey eagle, mn			BIGBIRCH	27
Aquatic life	FS		+Chloride FS 0/27[3] DO12 -- 2 30[3] DO5_All FS 2/24[3] DO7 FS 0/6[3] +DOFinal IF[[0]] +Turbid_TT_TSS FS 1/76[4](--/--) --/--) 1/76[4])				
Aquatic recreation	IF		+E. coli IF 0/8Ind 0/0mo				



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Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		

<b>07010202-610</b>	<b>3A</b>	<b>1.6</b>	<b>Unnamed creek</b>		<b>Browns Lk to Long Lk</b>		<b>2B, 3B</b>
MNPCA1	S003-883		inlet to long l at browns l rd, 3.5 mi sw of richmond, mn			CSMP	22
MNPCA1	S003-883		inlet to long l at browns l rd, 3.5 mi sw of richmond, mn			SRCL	13
Aquatic life	FS	+Chloride FS 0/13[1] +Turbid_TT_TSS FS 0/48[3](--/--[0] 0/22[2] 0/26[1])					
Aquatic recreation	IF	+E. coli IF 0/13Ind 0/1mo					
<b>07010202-611</b>	<b>3A</b>	<b>0.1</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Sauk Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-129		sauk lk inlet on us-71, 5 mi n of sauk centre			BIGSAUKL	5
Aquatic recreation	IF	+E. coli IF 0/1Ind 0/0mo					
<b>07010202-613</b>	<b>3A</b>	<b>1.9</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Silver Cr</b>		<b>2B, 3B</b>
MNPCA1	S003-884		unn trib to silver ck at cr-182, 2 mi se of west union, mn			BIGSAUKL	6
MNPCA1	S003-884		unn trib to silver ck at cr-182, 2 mi se of west union, mn			BSAUKL-L	19
MNPCA1	S003-884		unn trib to silver ck at cr-182, 2 mi se of west union, mn			CSMP	19
MPCAB	08UM045		Trib to Silver Creek; Upstream of CR 182, 2 mi. SE of West Union			phase1	1
Aquatic life	FS	+pH FS 0/22[1] +Turbid_TT_TSS FS 0/33[5](--/--[0] 0/29[5] 0/4[1])					
Aquatic recreation	IF	+E. coli IF 0/19Ind 0/1mo					
<b>07010202-614</b>	<b>3A</b>	<b>0.9</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S003-885		unn trib to silver ck at cr-189, 2.6 mi s of west union, mn			BIGSAUKL	6
MNPCA1	S003-885		unn trib to silver ck at cr-189, 2.6 mi s of west union, mn			BSAUKL-L	18
MNPCA1	S003-885		unn trib to silver ck at cr-189, 2.6 mi s of west union, mn			CSMP	18
Aquatic life	FS	+pH FS 0/20[1] +Turbid_TT_TSS FS 0/29[5](--/--[0] 0/29[5] --/--[0])					
Aquatic recreation	IF	+E. coli IF 0/18Ind 0/1mo					
<b>07010202-615</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Getchell Cr</b>		<b>2B, 3B</b>
MNPCA1	S003-895		unn trib to getchell ck at esah-17, 3.7 mi nw st anthony, mn			SRCL	54
MPCAB	08UM028		Unnamed creek; Upstream of CR 17, 4.5 mi. NE of Freeport			phase1	1
Aquatic life	NS	+Chloride FS 0/44[4] DO12 -- 18/53[4] DO5_All NS 18/44[4] DO7 FS 0/9[4] !!!DOFinal NS[[0]] +Turbid_TT_TSS FS 0/109[4](--/--[0] 0/1[1] 0/108[4])					
Aquatic recreation	IF	+E. coli IF 1/30Ind 0/5mo					
<b>07010202-616</b>	<b>3A</b>	<b>0.6</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Schneider Lk</b>		<b>2B, 3B</b>
MNPCA1	S003-894		inlet to schneiders l at old mn-23/cr-83, 1.6 mi e richmond			SRCL	45
Aquatic life	NS	+Chloride FS 0/42[3] DO12 -- 9/42[3] DO5_All NS 9/33[3] DO7 FS 0/9[3] !!!DOFinal NS[[0]] +Turbid_TT_TSS FS 2/90[4](--/--[0] --/--[0] 2/90[4])					
Aquatic recreation	FS	+E. coli FS 0/33Ind 0/4mo					

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<b>07010202-624</b>	<b>3A</b>	<b>1.7</b>	<b>Unnamed creek</b>	<b>Unnamed cr to Hoboken Cr</b>	<b>2B, 3B</b>
MNPCA1	S003-876		unn trib to hoboken ck at cr-183, 5.2 mi sw sauk centre, mn		BSAUKL-L 19
MNPCA1	S003-876		unn trib to hoboken ck at cr-183, 5.2 mi sw sauk centre, mn		CSMP 12
MNPCA1	S003-876		unn trib to hoboken ck at cr-183, 5.2 mi sw sauk centre, mn		BIGSAUKL 6
MPCAB	08UM036		Trib to Hoboken Creek; Upstream of CR 183, 5 mi. SW of Sauk Centre		phase1 2

Aquatic life FS +pH FS 0/24[1] +Turbid\_TT\_TSS FS 0/29[5](--/--[ ] 0/27[5] 0/2[1])  
 Aquatic recreation NS !!!E. coli NS 2/19Ind 0/1mo

<b>07010202-650</b>			<b>Unnamed creek</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S005-269		unn str dtch at csah-9, .35 mi e of eden valley, mn		SRCL 9

Aquatic life IF +Chloride FS 0/9[1]  
 Aquatic recreation IF +E. coli IF 1/9Ind 0/0mo

<b>07010202-651</b>			<b>Unnamed creek</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S005-270		unn str at hutcheson ave, .5 mi ne of eden valley, mn		SRCL 13

Aquatic life IF +Chloride FS 0/13[1]  
 Aquatic recreation IF +E. coli IF 1/12Ind 0/1mo

<b>07010202-665</b>			<b>Unnamed ditch</b>	<b>Headwaters to Pearl Lk</b>	<b>2B, 3B</b>
MNPCA1	S005-256		unn str, sw inlt pearl lk csah 8, 7 mi se of cold spring, mn		PEARL-L 18
MPCAB	08UM007		Trib to Pearl Lake; Upstream of CR 147, 1 mi. S of Marty		phase1 1

Aquatic life IF +Chloride FS 0/18[1]  
 Aquatic recreation IF +E. coli IF 0/17Ind 0/1mo

<b>07010202-901</b>	<b>3D</b>	<b>0.4</b>	<b>Unnamed creek</b>	<b>Unnamed ditch to Fish Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-500		unn trib to FISH CK, 6 mi se of grey eagle		CSMP 57
MNPCA1	S001-500		unn trib to FISH CK, 6 mi se of grey eagle		BIGBIRCH 1

Aquatic life FS =Turbid\_TT\_TSS FS 5/57[7](--/--[ ] 5/57[7] --/--[ ])

<b>07010202-902</b>	<b>3C</b>	<b>0.2</b>	<b>Unnamed creek</b>	<b>to Long Lk (73-0107-00)</b>	<b>2B, 3B</b>
MNPCA1	S003-536		long l outlet s of ranch rd, 5.1 mi nw of cold spring, mn		BFISHLON 12

Ecoregion norms EX =Phosphorus EX 3/12[2]

<b>07010202-904</b>	<b>2</b>	<b>0.4</b>	<b>Unnamed creek</b>	<b>Stevens Lk to Faille Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-296		faille lk inlet at csah-27, 0.6 mi e of osakis, minnesota		CWPOSAKI 100

Aquatic life NS =Chloride FS 0/52[7] DO12 -- 18/37[3] DO5\_9am NS 1/1[1] DO5\_All NS 17/32[3] DO7 NS 1/5[3] !!!DOFinal NS[[0]] =Turbid\_TT\_TSS FS 5/168[9](--/--[ ] --/--[ ] 5/168[9])

Aquatic recreation IF +E. coli IF 0/14Ind 0/0mo

Ecoregion norms EX =NO2&NO3 EX 5/20[4] =Phosphorus EX 16/48[6]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
07010202-906	3A	0.3	Unnamed creek		Unnamed cr to Lk Osakis	2B, 3B	
MNPCA1	S003-539		unn trib to osakis l at cr-10, 1.7 mi n of osakis, minnesota			SNAKEWEP	1
	Aquatic recreation	IF	+E. coli IF 0/1Ind 0/0mo				
07010202-909	2	1.0	Unnamed creek		Clifford Lk outlet	2B, 3B	
MNPCA1	S003-295		clifford lk outlet at csah-127, 2 mi s of osakis, minnesota			CWPOSAKI	44
	Aquatic life	FS	=Chloride FS 0/18[4] =Turbid_TT_TSS FS 2/44[4](--/--[--] --/--[--] 2/44[4])				
	Ecoregion norms	EX	=NO2&NO3 EX 4/20[4] =Phosphorus EX 25/44[5]				
07010202-910	3A	0.3	Unnamed creek		to Smith Lk	2B, 3B	
MNPCA1	S003-458		unn trib to sw end of smith lk, 5.5 mi sw of osakis, mn			CSMP	29
	Aquatic life	NS	!!!Turbid_TT_TSS NS 5/29[4](--/--[--] 5/29[4] --/--[--])				
07010202-911	3C	0.1	Unnamed ditch		to Long Lk (73-0107-00)	2B, 3B	
MNPCA1	S003-287		long lk inlet at b fish lk rd, 5.8 m ne of cold springs, mn			BFISHLON	12
	Aquatic life	IF	=Chloride FS 0/6[2]				
	Ecoregion norms	EX	=Phosphorus EX 4/12[2]				

**HUC: 07010203**

**DNR Major: 17**

**HUC NAME: MISS R-St. Cloud**

07010203-505	2	80.0	St Francis River	Headwaters to Elk R	2B, 3B	
MNPCA1	S002-468		saint francis r at csah-6, 3.9 mi se of foley, mn		CSMP	191
MNPCA1	S002-483		st. francis r, e of csah-3 and csah-5, 6.5 mi e of santiago		CSMP	127
MNPCA1	S002-484		st. francis r at csah-5 just w of brg, 4 mi se of santiago		CSMP	125
MNPCA1	S002-485		st. francis r at csah-11, just nw of brg, just n of santiago		CSMP	128
MNPCA1	S002-485		st. francis r at csah-11, just nw of brg, just n of santiago		ELK_PHOS	24
MNPCA1	S002-952		st. francis r. at csah 15, 5.5 mi. sw of zimmerman, mn		MISS_INI	50
MNPCA1	S002-952		st. francis r. at csah 15, 5.5 mi. sw of zimmerman, mn		SHERBURN	10
MNPCA1	S003-941		saint francis r 0.4 mi n of 65th st, 1.4 mi e of foley, mn		CSMP	9
MNPCA1	S004-260		st francis r, .65 mi se of rice lk otlt 7 3/4 mi s princeton		CSMP	60
MNPCA1	S004-261		st. francis r at csah-4, 3.9 mi e of orrock		CSMP	61
	Aquatic life	NS	DO12 -- 4/58[7] DO5_All FS 4/47[7] DO7 FS 0/11[2] +DOFinal IF[[3]] =pH FS 0/110[4] =Turbid_TT_TSS FS 0/67[4](0/67[4] 9/343[6] 0/20[5]) +Un-ionzed ammonia FS 0/28[2]			
	Ecoregion norms	EX	=BOD5 EX 4/25[3] =NO2&NO3 OK 3 53[4] =Phosphorus OK 3/59[7]			

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<b>07010203-507</b>	<b>4A</b>	<b>15.1</b>	<b>Elk River</b>	<b>Mayhew Cr to Rice Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-367		ELK RIVER at csah-3, 1 mi s st. cloud airport		CSMP 15
MNPCA1	S001-521		elk r at cr-61 brg, 4 mi se of st. cloud		CSMP 211
MNPCA1	S001-522		elk r at csah-16 brg, 2.5 mi n of clear lake		CSMP 17
MNPCA1	S003-008		elk r at cr-62		SHERBURN 9
MNPCA1	S003-868		elk r at 75th avenue se, 2.8 mi n of clear lake, mn		CSMP 62

Aquatic life FS =Turbid\_TT\_TSS FS 7/242[10](--/--[--] 7/226[10] 0/16[4])

<b>07010203-508</b>	<b>4A</b>	<b>27.1</b>	<b>Elk River</b>	<b>Headwaters to Mayhew Cr</b>	<b>2B, 3B</b>
MNPCA1	S003-777		elk r at cr-84 (115th st) 1.8 miles w of gilman, mn		CSMP 17
MNPCA1	S004-503		elk r at mn-95 brg, 6 mi e ne of st. cloud, mn		ELK_PHOS 32

Aquatic life FS DO12 -- 0/30[2] DO5\_9am FS 0/1[1] DO5\_All FS 0/26[2] DO7 FS 0/4[1] +DOFinal IF[[1]] +pH FS 0/60[2] +Turbid\_TT\_TSS FS 0/30[2](0/30[2] 1/19[2] --/--[--])

<b>07010203-509</b>	<b>5A</b>	<b>15.4</b>	<b>Mayhew Creek</b>	<b>Headwaters (Mayhew Lk 05-0007-00) to Elk R</b>	<b>2B, 3B</b>
MNPCA1	S002-946		mayhew ck at csah 8, 4.5 mi e of st. cloud, mn		ELK_PHOS 32
MNPCA1	S002-946		mayhew ck at csah 8, 4.5 mi e of st. cloud, mn		MISS_INI 49
MNPCA1	S004-279		mayhew ck at 35th ave ne brg, 4 mi e of sauk rapids		CSMP 74
MPCAB	00UM042		Mayhew Creek; upstream of Hwy. 3, 5 miles E of Sauk Rapids		biocriteria 2

Aquatic life NS DO12 -- 7/60[5] DO5\_9am FS 0/2[2] DO5\_All NS 7/46[5] DO7 FS 0/14[3] !!!DOFinal NS[[3]] =pH FS 4/138[6] =Turbid\_TT\_TSS FS 1/78[6](1/78[6] 0/78[3] 0/2[1]) +Un-ionzed ammonia FS 0/29[2]

Ecoregion norms EX =BOD5 OK 2/25[3] =NO2&NO3 EX 13 51[4] =Phosphorus EX 21/51[4]

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07010203-510	5B	32.0	Mississippi River	Clearwater R to Elk R	1C, 2Bd, 3C
MNPCA1	S000-148		Mississippi River at br on mn-24 at clearwater		MILE 47
MNPCA1	S000-148		Mississippi River at br on mn-24 at clearwater		10
MNPCA1	S000-148		Mississippi River at br on mn-24 at clearwater		MERCLKS/ 7
MNPCA1	S000-221		Mississippi River at br on mn-25 at monticello		RNC 13
MNPCA1	S000-221		Mississippi River at br on mn-25 at monticello		9
MNPCA1	S000-221		Mississippi River at br on mn-25 at monticello		MDAWQMP 4
MNPCA1	S000-221		Mississippi River at br on mn-25 at monticello		MERCLKS/ 1
MNPCA1	S000-221		Mississippi River at br on mn-25 at monticello		MILE 47
MNPCA1	S004-308		mississippi r, 25 ft sw from River shore, 1 mi nw monticello		CSMP 8
MNPCA1	S004-712		mississippi r, 2.5 mi upstrm from conf w/ elk r 3 mi w elk r		CSMP 51
MPCAB	00UM092		Mississippi River; Public Access @ Monticello		nutrients 2
MPCAB	99UM034		Mississippi River; Downstream of Clearwater, ~3.0 mi. SW of Hwy. 10		EMAP 1

Aquatic life FS =Arsenic FS 0/8[2] =Cadmium FS 0/8[2] +Chloride FS 0/14[1] =Copper FS 0/8[2] DO12 -- 0/70[8] DO5\_9am FS 0/4[1] DO5\_All FS 0/44[6] DO7 FS 0/26[8] +DOFinal IF[[2]] =Lead FS 0/8[2] =Mercury FS 0/8[2] +Nickel FS 0/8[2] =pH FS 0/142[8] =Turbid\_TT\_TSS FS 5/71[8](5/71[8] 0/59[3] 0/2[1]) +Un-ionized ammonia FS 0/80[8] =Zinc FS 0/8[2]

Aquatic recreation FS \$E. coli FS 0/33Ind 0/4mo

Drinking Water FS +NO2&NO3 FS 0/100[9]

Ecoregion norms OK =BOD5 OK 0/24[5] =Phosphorus OK 0/56[9]

07010203-511	5C	11.8	Clearwater River	Clearwater Lk to Mississippi R	2B, 3B
MNPCA1	S001-929		clearwater r at csah 46 brg, 2.5 mi s of clearwater		CWMISS-L 15
MNPCA1	S001-929		clearwater r at csah 46 brg, 2.5 mi s of clearwater		MISS_INI 32
MNPCA1	S002-661		clearwater r channel from clearwater lk to grass lk		CWMISS-L 11
MNPCA1	S002-661		clearwater r channel from clearwater lk to grass lk		CSMP 86
MNPCA1	S003-582		clearwater r at grass l outlt, 5 mi ene fairhaven, mn		CLRWTR 21
MNPCA1	S003-582		clearwater r at grass l outlt, 5 mi ene fairhaven, mn		CWMISS-L 13
MNPCA1	S004-504		clearwater r at csah-75 in clearwater, mn		CWMISS-L 15
MNPCA1	S004-505		clearwater r upst of csah-40, 3 mi s of clearwater, mn		CWMISS-L 8
MNPCA1	S004-507		clearwater r at 140th st nw, 4.75 mi sw of clearwater, mn		CWMISS-L 15
MNPCA1	S004-508		clearwater r at cr-145, .8 mi sw of clearwater, mn		CWMISS-L 13

Aquatic life NS +Chloride FS 0/74[1] DO12 -- 10/64[5] DO5\_9am FS 1/20[4] DO5\_All NS 10/48[5] \$DO7 FS 0/16[5] \$DOFinal NS[[4]] =pH FS 0/92[3] =Turbid\_TT\_TSS FS 0/32[2](0/32[2] 0/86[3] 0/22[1]) +Un-ionized ammonia FS 0/30[2]

Ecoregion norms EX =BOD5 OK 1/32[2] <>NO2&NO3 EX 12/105[3] =Phosphorus OK 2/43[3]

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<b>07010203-512</b>	<b>5A</b>	<b>7.2</b>	<b>Rice Creek</b>	<b>Rice Lk to Elk R</b>	<b>2C</b>
MNPCA1	S001-520		rice ck at csah-6 brg, 6.5 mi ne of clear lake		CSMP 210
MNPCA1	S001-523		rice ck at csah-16 brg, 2.5 mi n of clear lake		SHERBURN 10
MNPCA1	S001-523		rice ck at csah-16 brg, 2.5 mi n of clear lake		CSMP 210
MNPCA1	S001-523		rice ck at csah-16 brg, 2.5 mi n of clear lake		MISS_INI 64
MNPCA1	S002-411		rice ck at 42nd st, 4.8 mi ne of clear lk, mn		CSMP 131

Aquatic life NS +Chloride FS 0/15[1] DO12 -- 7/52[6] DO5\_9am NS 2/3[2] DO5\_All NS 6/35[6] \$DO7 FS 1/17[3] \$DOFinal NS[[3]] =pH FS 1/110[4] \$Turbid\_TT\_TSS FS 4/63[4](4/63[4] 67/262[9] 0/10[5]) +Un-ionized ammonia FS 0/47[3]

Aquatic recreation IF +E. coli IF 5/13Ind 0/0mo

Ecoregion norms EX =BOD5 EX 10/24[3] =NO2&NO3 EX 60/67[5] =Phosphorus EX 22/73[8]

<b>07010203-514</b>	<b>3A</b>	<b>12.5</b>	<b>Clearwater River</b>	<b>Lk Betsy to Clearwater Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-814		clearwater r dnst of mn-55, 2 mi se of kimball, mn		CSMP 34
MNPCA1	S004-249		Clearwater River at mn-55, 2 mi se of kimball, mn		CLRWTR 6
MNPCA1	S004-250		clearwater r at lk louisa e basin, 2.5 mi e of kimball, mn		CLRWTR 7
MNPCA1	S004-251		clearwater r at lk louisa w basin, 2 mi e of kimball, mn		CLRWTR 7

Aquatic life FS +Chloride FS 0/19[1] +pH FS 0/16[1] +Turbid\_TT\_TSS FS 1/54[4](--/--[1] 1/34[4] 0/20[1])

Ecoregion norms EX +NO2&NO3 EX 7/20[1] +Phosphorus OK 0/12[1]

<b>07010203-515</b>	<b>3A</b>	<b>4.5</b>	<b>Willow Creek</b>	<b>Headwaters to Lk Betsy</b>	<b>1B, 2A, 3B</b>
MNPCA1	S002-670		willow ck. at kimball		CSMP 86
MNPCA1	S003-767		willow ck .1 mi e of mn-15, .2 mi s of kimball, mn		CSMP 17

Aquatic life FS +Turbid\_TT\_TSS FS 0/103[4](--/--[1] 0/103[4] --/--[1])

<b>07010203-522</b>	<b>2</b>	<b>6.6</b>	<b>Tibbets Brook</b>	<b>Rice Lk to Elk R</b>	<b>2C</b>
MNPCA1	S003-003		tibbets brook at cr-35		SHERBURN 10
MNPCA1	S003-003		tibbets brook at cr-35		ELK_PHOS 37
MPCAB	07UM093		Tibbets Brook; Downstream of CR 79, 3 mi. NE of Big Lake		ref. ditches 2

Aquatic life FS DO12 -- 1/46[6] DO5\_9am FS 0/3[3] DO5\_All FS 1/46[6] +DOFinal IF[[0]] +pH FS 0/40[2] +Turbid\_TT\_TSS FS 0/20[2](0/20[2] --/--[1] 0/9[4])

Ecoregion norms EX =Phosphorus EX 6/11[5]

<b>07010203-525</b>	<b>4A</b>	<b>1.5</b>	<b>Elk River</b>	<b>Orono Lk to Mississippi R</b>	<b>2B, 3B</b>
MNPCA1	S004-755		elk r @ confluence mississippi r 1/2 mi w us-10 in ELK RIVER		CSMP 50

Aquatic life NS !!!Turbid\_TT\_TSS NS 5/50[2](--/--[1] 5/50[2] --/--[1])

<b>07010203-533</b>	<b>3A</b>	<b>2.3</b>	<b>County Ditch 20</b>	<b>Unnamed cr to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S003-404		cd-20 0.1 m n 380th st, 1.16 m se of watkins, mn		CLRWTR 10
MNPCA1	S003-405		cd-20 at csah-55, 0.2 mi se of watkins, mn		CLRWTR 8

Aquatic life IF +Chloride FS 0/10[2] +pH FS 0/18[2]

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<b>07010203-535</b>	<b>5C</b>	<b>5.2</b>	<b>Battle Brook</b>		<b>CD 18 to Elk Lk</b>		<b>2C</b>	
MNPCA1	S004-704		battle br at csah 9, 4 mi nw of zimmerman, mn				CSMP	39
MPCAB	99UM028		Battle Brook; @ C.R. 9, ~ .1 mi. W. of C.R. 102, ~4.0 mi. No. of Zimmerman				EMAP	1
Aquatic life	FS	+Turbid_TT_TSS FS 0/40[3](0/1[1] 0/39[2] --/--[--])						
<b>07010203-537</b>	<b>3A</b>	<b>1.2</b>	<b>Battle Brook</b>		<b>Elk Lk to St Francis R</b>		<b>2B, 3B</b>	
MNPCA1	S004-259		battle bk @ otlft of little elk lake, 6 3/4 mi s princeton				CSMP	59
Aquatic life	NS	!!!Turbid_TT_TSS NS 28/59[3](--/--[--] 28/59[3] --/--[--])						
<b>07010203-538</b>	<b>3D</b>	<b>5.8</b>	<b>Briggs Creek</b>		<b>T35 R29W S2, north line to Briggs Lk</b>		<b>1B, 2A, 3B</b>	
MNPCA1	S001-518		briggs ck near 42nd st culvert, 5 mi ne of clear lake				CSMP	215
MNPCA1	S001-518		briggs ck near 42nd st culvert, 5 mi ne of clear lake				ELK_PHOS	10
MNPCA1	S001-519		briggs ck at 42nd st culvert, 5 mi ne of clear lake				CSMP	164
MNPCA1	S001-519		briggs ck at 42nd st culvert, 5 mi ne of clear lake				ELK_PHOS	11
MPCAB	00UM043		Briggs Creek; upstream of C.R. 48				biocriteria	1
Aquatic life	FS	=Turbid_TT_TSS FS 0/273[9](0/1[1] 0/272[9] --/--[--])						
Ecoregion norms	OK	=Phosphorus OK 0/22[2]						
<b>07010203-541</b>	<b>3B</b>	<b>0.6</b>	<b>Lilly Creek</b>		<b>Rush Lk to Elk Lk</b>		<b>2B, 3B</b>	
MNPCA1	S001-525		unn trib to elk lk at csah-16 brg, 3 mi ne of clear lake				CSMP	214
MNPCA1	S001-525		unn trib to elk lk at csah-16 brg, 3 mi ne of clear lake				ELK_PHOS	21
Aquatic life	NS	!!!Turbid_TT_TSS NS 84/214[8](--/--[--] 84/214[8] --/--[--])						
Ecoregion norms	OK	=Phosphorus OK 1/21[1]						
<b>07010203-544</b>	<b>3D</b>	<b>0.3</b>	<b>Threemile Creek</b>		<b>T122 R28W S35, east line to Otter Lk</b>		<b>2B, 3B</b>	
MNPCA1	S002-671		three mile ck. at inlet to otter l.				CSMP	41
Aquatic life	FS	=Turbid_TT_TSS FS 0/41[3](--/--[--] 0/41[3] --/--[--])						
<b>07010203-546</b>	<b>2</b>	<b>11.0</b>	<b>Stony Brook</b>		<b>T36 R29W S17, east line to Rice Lk</b>		<b>2B, 3B</b>	
MNPCA1	S002-448		stony bk .5 mi n of mn-95. 5.3 mi sw of foley, mn				CSMP	37
Aquatic life	FS	=Turbid_TT_TSS FS 0/37[3](--/--[--] 0/37[3] --/--[--])						

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<b>07010203-548</b>	<b>4A</b>	<b>11.8</b>	<b>Elk River</b>	<b>St Francis R to Orono Lk</b>	<b>2B, 3B</b>
MNPCA1	S000-278		ELK RIVER csah-15 by big lake		MISS_INI 117
MNPCA1	S000-278		ELK RIVER csah-15 by big lake		SHERBURN 10
MNPCA1	S000-278		ELK RIVER csah-15 by big lake		MDAWQMP 12
MNPCA1	S000-278		ELK RIVER csah-15 by big lake		ELK_PHOS 17

Aquatic life NS +Chloride FS 0/27[2] DO12 -- 3/115[8] DO5\_9am FS 3/33[5] DO5\_All FS 3/84[8] DO7 FS 0/31[6] +DOFinal FS[[5]] =pH FS 2/242[7] =Turbid\_TT\_TSS FS 6/132[7](6/132[7] --/--[ ] 0/20[5]) +Un-ionzed ammonia FS 0/95[6]

Aquatic recreation IF +E. coli IF 0/12Ind 0/0mo

Ecoregion norms EX =BOD5 EX 12/58[5] =NO2&NO3 EX 102/126[7] =Phosphorus EX 18/137[10]

<b>07010203-549</b>	<b>5A</b>	<b>8.4</b>	<b>Clearwater River</b>	<b>CD 44 to Lk Betsy</b>	<b>2B, 3B</b>
MNPCA1	S002-666		clearwater r. at mn-15/24 brg, upstrm from l. betsy		CLRWTR 21
MNPCA1	S002-712		clearwater r at br in s20/seq 4 mi se of watkins		CLRWTR 13
MNPCA1	S003-411		clearwater r at 732nd ave, 2.4 mi s of kimball prairie, mn		CLRWTR 12
MNPCA1	S003-413		clearwater r at csah-15, 3.5 mi s kimball prairie, mn		CLRWTR 11
MNPCA1	S003-414		clearwater r at section line, 3.2 mi sse of watkins, mn		CLRWTR 3
MNPCA1	S003-415		clearwater r at csah-17, 3.3 mi sse of watkins, mn		CLRWTR 13
MNPCA1	S003-911		clearwater r at 697th st, 3.65 mi se of watkins, mn		CLRWTR 5
MPCAB	07UM087		Cleawater River; Downstream of 356th St, 3 mi. SW of Kimball		ref. ditches 2

Aquatic life NS =Chloride FS 0/28[2] DO12 -- 12 35[7] DO5\_9am NS 5/12[5] DO5\_All NS 12/26[7] \$DO7 FS 0/9[5] \$DOFinal NS[[1]] +pH FS 1/28[3] +Turbid\_TT\_TSS FS 2/22[3](0/2[1] --/--[ ] 2/20[2])

Ecoregion norms EX +Phosphorus EX 8/12[3]

<b>07010203-550</b>	<b>3A</b>	<b>2.1</b>	<b>County Ditch 44</b>	<b>Clear Lk to Clearwater R</b>	<b>2B, 3B</b>
MNPCA1	S003-407		clearwater r (cd-44) at 657th ave, 2.8 mi sw of watkins, mn		CLRWTR 6
MNPCA1	S003-912		cd-44 (aka clearwater ck) at 677th st, 2 mi s of watkins, mn		CLRWTR 11

Aquatic life IF +Chloride FS 0/9[2] +pH FS 0/20[2]

<b>07010203-552</b>	<b>3D</b>	<b>1.4</b>	<b>Fish Creek</b>	<b>Shelden Lk to Fish Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-955		fish cr on grunwold ave, 3 mi se of clearwater, mn		CSMP 84

Aquatic life FS =Turbid\_TT\_TSS FS 0/84[6](--/--[ ] 0/84[6] --/--[ ])



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<b>07010203-555</b>	<b>3D</b>	<b>3.1</b>	<b>Silver Creek</b>	<b>Little Mary Lk to Locke Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-979		silver cr at 127th st, 1.25 mi ne of silver cr, mn		CSMP 18
MNPCA1	S001-979		silver cr at 127th st, 1.25 mi ne of silver cr, mn		MNWTRS-S 9
MNPCA1	S001-980		silver cr at buffield ave, .35 mi e of silver cr, mn		CSMP 18
MNPCA1	S002-250		silver cr on 134th st, 2.15 mi ne of silver cr., mn		MNWTRS-S 9
MNPCA1	S002-250		silver cr on 134th st, 2.15 mi ne of silver cr., mn		CSMP 173
MNPCA1	S003-546		silver ck off 143rd st nw, 4.3 mi sw of becker, mn		CSMP 90
MPCAB	07UM091		Silver Creek; Upstream 134th St NW, 3 mi. NE of Silver Creek		ref. ditches 1

Aquatic life FS =Turbid\_TT\_TSS FS 0/277[7](0/1[1] 0/276[7] --/--[--])

<b>07010203-560</b>	<b>3A</b>	<b>6.3</b>	<b>Unnamed creek (Robinson Hill Creek)</b>	<b>CD 14 to Johnson Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-365		neenah ck at cr-136. 4.6 mi s of st cloud, mn		CSMP 42

Aquatic life FS +Turbid\_TT\_TSS FS 0/42[3](--/--[--] 0/42[3] --/--[--])

<b>07010203-561</b>	<b>3A</b>	<b>5.5</b>	<b>Unnamed creek (Luxemburg Creek)</b>	<b>T123 R28W S30, south line to Johnson Cr</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-366		trib 0.5 mi upst of johnson ck at cr-136 7 mi e of rockville		CSMP 41

Aquatic life FS +Turbid\_TT\_TSS FS 0/41[3](--/--[--] 0/41[3] --/--[--])

<b>07010203-565</b>	<b>3A</b>	<b>2.3</b>	<b>Unnamed creek (Fairhaven Creek)</b>	<b>Headwaters to Lk Louisa</b>	<b>1B, 2A, 3B</b>
MNPCA1	S002-674		fairhaven ck. at cr-44, near fairhaven		CSMP 43

Aquatic life FS +Turbid\_TT\_TSS FS 0/43[3](--/--[--] 0/43[3] --/--[--])

<b>07010203-566</b>	<b>3A</b>	<b>0.9</b>	<b>Unnamed creek (Thiel Creek)</b>	<b>Headwaters to Lk Louisa</b>	<b>1B, 2A, 3B</b>
MNPCA1	S003-368		unn trib to lk marie, 1.5 mi sw of fairhaven, mn		CSMP 35

Aquatic life FS +Turbid\_TT\_TSS FS 0/35[3](--/--[--] 0/35[3] --/--[--])

<b>07010203-568</b>	<b>2</b>	<b>1.4</b>	<b>Unnamed creek</b>	<b>Unnamed lk (71-0120-00) to Elk Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-407		unn trib to elk lk at cr-55, 2.4 mi ne of clear lk, mn		CSMP 64
MNPCA1	S004-069		unn trib to elk lk, 2.5 mi ne of clear lk, mn		ELK_PHOS 21

Aquatic life FS =Turbid\_TT\_TSS FS 0/64[3](--/--[--] 0/64[3] --/--[--])

Ecoregion norms OK =Phosphorus OK 0/21[1]

<b>07010203-570</b>	<b>3A</b>	<b>1.7</b>	<b>Unnamed creek (Warner Creek)</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S002-717		warner ck at mn-55 1.5 mi se of annandale		CLRWTR 20

Aquatic life IF DO12 -- 1/20[4] DO5\_9am FS 0/10[3] DO5\_All FS 1/14[4] DO7 FS 0/6[4] +DOFinal IF[[1]]

<b>07010203-572</b>	<b>3D</b>	<b>2.5</b>	<b>Plum Creek</b>	<b>Warner Lk to Mississippi R</b>	<b>2B, 3B</b>
MNPCA1	S003-369		plum ck at cr-75. 1.5 mi nw of clearwater, mn		CSMP 35

Aquatic life FS =Turbid\_TT\_TSS FS 0/35[3](--/--[--] 0/35[3] --/--[--])

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010203-574	4A	3.5	Mississippi River	Sauk R to CSAH 7 in St Cloud	1C, 2Bd, 3C	
MNPCA1	S000-026		mississippi r at 9th ave brg (old mn-15) at sauk rapids			10
MNPCA1	S000-026		mississippi r at 9th ave brg (old mn-15) at sauk rapids			MISS_INI / MILE 2
MNPCA1	S000-026		mississippi r at 9th ave brg (old mn-15) at sauk rapids			MERCLKS/ 6
MNPCA1	S000-026		mississippi r at 9th ave brg (old mn-15) at sauk rapids			MISS_INI 83
MNPCA1	S000-026		mississippi r at 9th ave brg (old mn-15) at sauk rapids			MILE 47
MNPCA1	S000-026		mississippi r at 9th ave brg (old mn-15) at sauk rapids			LOADSTDY 11

Aquatic life      FS      =Arsenic FS 0/6[2] =Cadmium FS 0/6[2] +Chloride FS 0/37[2] =Copper FS 0/6[2] DO12 -- 0/107[9] DO5\_All FS 0/62[7] DO7 FS 0/45[9] +DOFinal IF[[4]] =Lead FS 0/6[2] <>Mercury FS 1/6[2] +Nickel FS 0/6[2] =pH FS 2/234[9] =Turbid\_TT\_TSS FS 8/120[9](8/120[9] 0/9[1] 0/4[3]) +Un-ionized ammonia FS 1/94[9] =Zinc FS 0/6[2]  
 Aquatic recreation      IF      +E. coli IF 0/48Ind 1/7mo  
 Drinking Water      FS      +NO2&NO3 FS 0/128[9]  
 Ecoregion norms      OK      =BOD5 OK 2/37[5] =Phosphorus OK 6/115[7]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010203-579	5B	23.4	Elk River	Elk Lk to St Francis R	2B, 3B	
MNPCA1	S001-526		elk r at cr-53/cr-54 brg, 3 mi e of clear lake			CSMP 164
MNPCA1	S001-527		elk r at mn-25 brg, 4 mi e of clear lake			CSMP 141
MNPCA1	S002-046		elk r at csah-23 brg, 2 mi n of becker			CSMP 176
MNPCA1	S002-046		elk r at csah-23 brg, 2 mi n of becker			ELK_PHOS 19
MNPCA1	S002-404		elk r, at dock at 7290 107th lane, 3.1 mi ne of clear lake			CSMP 62
MNPCA1	S002-404		elk r, at dock at 7290 107th lane, 3.1 mi ne of clear lake			ELK_PHOS 21
MNPCA1	S003-686		elk r at csah-11, 2.5 mi sw of becker, mn			ELK_PHOS 19
MPCAB	99UM038		Elk River; ~ 3.5 mi. N.W. of Big Lake, 0.5 mi. E. of C.R. 73			EMAP 2

Aquatic life      NS      DO12 -- 3/20[2] DO5\_All NS 3/20[2] !!!DOFinal NS[[0]] \$Turbid\_TT\_TSS NS 124/337[9](0/2[1] 124/335[8] --/--[--])  
 Ecoregion norms      EX      =Phosphorus EX 3/23[2]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010203-581	4A	2.0	Elk River	Rice Cr to Elk Lk	2B, 3B	
MNPCA1	S001-524		elk r at csah-6 brg, 2.5 mi ne of clear lake			ELK_PHOS 39
MNPCA1	S001-524		elk r at csah-6 brg, 2.5 mi ne of clear lake			CSMP 212

Aquatic life      FS      +pH FS 0/36[1] =Turbid\_TT\_TSS FS 4/230[9](0/18[1] 4/212[8] --/--[--])  
 Ecoregion norms      OK      =Phosphorus OK 0/21[1]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010203-585	3C	0.8	Unnamed creek	Headwaters to Julia Lk	2B, 3B	
MNPCA1	S003-817		unn trib to lk julia at 42nd st, 6 mi ne of clear lake, mn			ELK_PHOS 21
MNPCA1	S003-817		unn trib to lk julia at 42nd st, 6 mi ne of clear lake, mn			CSMP 85

Aquatic life      FS      +Turbid\_TT\_TSS FS 0/85[3](--/--[--] 0/85[3] --/--[--])  
 Ecoregion norms      OK      =Phosphorus OK 0/21[1]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location		Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]			
<b>07010203-589</b>	<b>3A</b>	<b>1.7</b>	<b>Unnamed creek</b>	<b>Headwaters to CD 20</b>	<b>2B, 3B</b>	
MNPCA1	S003-429		cd-20 at csah-17 and 380th st, 1.47 mi se of watkins, mn		CLRWTR	5
	Aquatic life	IF	+pH FS 0/10[2]			
<b>07010203-597</b>	<b>3A</b>	<b>1.6</b>	<b>Unnamed creek</b>	<b>Headwaters to Unnamed ditch</b>	<b>2B, 3B</b>	
MNPCA1	S003-418		unn trib to clearwater r at 350th st, 4.2 mi sw kimball, mn		CLRWTR	5
	Aquatic life	IF	+pH FS 0/10[2]			
<b>07010203-598</b>	<b>3A</b>	<b>2.6</b>	<b>Unnamed creek</b>	<b>Headwaters to Unnamed ditch</b>	<b>2B, 3B</b>	
MNPCA1	S003-419		unn trib to clearwater r at 707th ave, 4.3 m nw kingston, mn		CLRWTR	5
	Aquatic life	IF	+pH FS 0/10[2]			
<b>07010203-611</b>		<b>2.2</b>	<b>Unnamed creek</b>	<b>Nixon Lk to Clearwater R</b>	<b>2B, 3B</b>	
MNPCA1	S004-506		unn str to clearwater r, 2.75 mi sw of clearwater, mn		CWMISS-L	6
	Aquatic life	IF	+Chloride FS 0/6[1] +pH FS 0/10[1]			
<b>07010203-639</b>		<b>6.4</b>	<b>Johnson Creek (Meyer Creek)</b>	<b>T123 R28W S14, west line Mississippi R</b>	<b>2B, 3B</b>	
MNPCA1	S003-370		johnson ck btwn cr-75 and i-94. 5 mi s of st cloud, mn		CSMP	42
MNPCA1	S003-765		st augusta ck at franklin rd, 1.1 mi e of st augusta, mn		CSMP	7
MNPCA1	S003-766		johnson ck (aka st augusta ck) at cr-7, 1 mi s of st augusta		CSMP	22
	Aquatic life	FS	+Turbid_TT_TSS FS 0/43[3](--/--[ ] 0/43[3] --/--[ ])			
<b>07010203-900</b>	<b>3D</b>	<b>0.1</b>	<b>Unnamed inlet</b>	<b>to Fish Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-954		unn trib to fish lk, 3 mi se of clearwater, mn		CSMP	94
	Aquatic life	FS	=Turbid_TT_TSS FS 0/94[6](--/--[ ] 0/94[6] --/--[ ])			
<b>07010203-901</b>	<b>3D</b>	<b>0.3</b>	<b>Unnamed creek</b>	<b>Unnamed lk (86-0092-00) to Birch Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-984		unn trib on meridan ave, 4.5 mi w of montecello, mn		CSMP	33
	Aquatic life	FS	=Turbid_TT_TSS FS 0/33[7](--/--[ ] 0/33[7] --/--[ ])			
<b>07010203-902</b>	<b>3D</b>	<b>0.9</b>	<b>Unnamed creek</b>	<b>Briggs Lk to Elk R</b>	<b>2B, 3B</b>	
MNPCA1	S002-410		unn outlt frm briggs lk at csah 16, 3.5 mi ne of clear lk,mn		CSMP	134
MNPCA1	S002-410		unn outlt frm briggs lk at csah 16, 3.5 mi ne of clear lk,mn		ELK_PHOS	5
	Aquatic life	FS	=Turbid_TT_TSS FS 2/134[5](--/--[ ] 2/134[5] --/--[ ])			

HUC: 07010204

DNR Major: 18

HUC NAME: NORTH FORK CROW R

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms

'\$' = AUID already impaired for this parameter. '+' = new assessment. '!' = new listing or impairment. '=' = same as previous pre-assessment. '<>' = different than previous pre-assessment

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				#Sample Dates

07010204-502	5A	25.0	Crow River	S Fk Crow R to Mississippi R	2B, 3B
MCES	Crow River 23.1		Crow River at NW corner of Hwy 55 bridge, Rockford		104
MNPCA1	S000-004		Crow River at bridge on csah-36 at dayton	RNC	12
MNPCA1	S000-004		Crow River at bridge on csah-36 at dayton		9
MNPCA1	S000-004		Crow River at bridge on csah-36 at dayton	MILE	47
MNPCA1	S000-004		Crow River at bridge on csah-36 at dayton	SPEC	1
MNPCA1	S000-004		Crow River at bridge on csah-36 at dayton	MERCLKS/	6
MNPCA1	S000-050		s fk Crow River sh-55 at rockford	RNC	40
MNPCA1	S000-050		s fk Crow River sh-55 at rockford	MDAWQMP	1
MNPCA1	S000-050		s fk Crow River sh-55 at rockford	CWPCROWR	79
MNPCA1	S000-050		s fk Crow River sh-55 at rockford		8
MNPCA1	S000-050		s fk Crow River sh-55 at rockford	SPEC	1
MNPCA1	S001-252		crow r at br at mn-101, 2.8 mi n of rogers	SPEC	1
MNPCA1	S001-252		crow r at br at mn-101, 2.8 mi n of rogers	RNC	3
MNPCA1	S001-253		crow r at br at csah 19 in hanover, mn	CWPCROWR	35
MNPCA1	S001-254		crow r 150' upst br csah 22, 1.9 mi e st michael	CSMP	28
MNPCA1	S001-254		crow r 150' upst br csah 22, 1.9 mi e st michael	CROWRW-S	47
MNPCA1	S001-257		crow r at br at bridge st in rockford, mn		2
MNPCA1	S001-257		crow r at br at bridge st in rockford, mn	NS_LOAD	1
MNPCA1	S001-257		crow r at br at bridge st in rockford, mn	RNC	3
MNPCA1	S001-511		crow r near Riverview rd in hanover	CSMP	100
MNPCA1	S001-948		crow r at iron br on cr 145 in hanover, mn	CSMP	16
MNPCA1	S002-047		crow r just w of csah-13, 6.5 mi nw of champlin	CSMP	60
MNPCA1	S003-807		crow r at 22nd circle, 1.5 mi s of st. michael, mn	CSMP	22
MNPCA1	S004-433		crow r just e of csah-36, 4 mi n of rogers	NFCROWWM	10
MNPCA1	S004-796		crow r at new csah-116 brg, 2 mi e of st. michael	CSMP	47
MNPCA1	S004-796		crow r at new csah-116 brg, 2 mi e of st. michael	NFLCROW	21
MPCAB	00UM080		Crow River; downstream of Hwy 55 @ Rockford	phase1	1
MPCAB	00UM080		Crow River; downstream of Hwy 55 @ Rockford	nutrients	1
MPCAB	00UM081		Crow River; upstream of Hwy 101, 4 mi. S. of Elk River	phase1	1
MPCAB	00UM081		Crow River; upstream of Hwy 101, 4 mi. S. of Elk River	nutrients	1

Aquatic life NS =Arsenic FS 0/6[2] =Cadmium FS 0/6[2] =Chloride FS 0/160[9] =Copper FS 0/6[2] DO12 -- 11/144[9] DO5\_9am NS 5/16[5] DO5\_All FS 11/110[8] DO7 FS 0/34[9] !!!DOFinal NS[[4]] =Lead FS 0/6[2] =Mercury FS 0/6[2] +Nickel FS 0/6[2] =pH FS 1/298[10] \$Turbid\_TT\_TSS NS 88/229[10](88/229[10] 113/242[8] 25/76[4]) +Un-ionized ammonia FS 0/74[9] =Zinc FS 0/6[2]

Aquatic recreation FS \$E. coli FS 3/76Ind 0/7mo

Ecoregion norms EX =BOD5 EX 42/75[7] =NO2&NO3 EX 155/207[10] =Phosphorus EX 164/185[10]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010204-503	5B	13.7	Crow River, North Fork	Mill Cr to S Fk Crow R	2B, 3B
MNPCA1	S001-256		nf crow r, farmington ave br, 2.8 mi w rockford		NFCROWWM / CWP 1
MNPCA1	S001-256		nf crow r, farmington ave br, 2.8 mi w rockford		NFLCROW 21
MNPCA1	S001-256		nf crow r, farmington ave br, 2.8 mi w rockford		NFCROWWM 11
MNPCA1	S001-256		nf crow r, farmington ave br, 2.8 mi w rockford		CWPCROWR 91
MNPCA1	S001-256		nf crow r, farmington ave br, 2.8 mi w rockford		7
MNPCA1	S001-256		nf crow r, farmington ave br, 2.8 mi w rockford		RNC 23
MNPCA1	S001-256		nf crow r, farmington ave br, 2.8 mi w rockford		CWPCROWR / NFC 1
MNPCA1	S001-799		crow r, n fk 2 mi nw of delano		CSMP 13
MNPCA1	S001-978		n fk crow r 3 mi w of rockford, mn		CSMP 29
MPCAB	07UM046		Crow River, North Fork; Downstream of Farmington Ave SE, 3 mi. W of Rockford		phase1 1
MPCAB	07UM050		Crow River, North Fork; Downstream of CR 7, in Highland		phase1 1
MPCAB	07UM055		Crow River, North Fork; Downstream of CR 12, 5.5 mi. N of Montrose		phase1 1
MPCAB	07UM059		Crow River, North Fork; Downstream of CR 3, 1 mi. S of French Lake		phase1 1

Aquatic life      NS      =Chloride FS 0/89[5] DO12 -- 17/126[6] DO5\_9am NS 6/26[4] DO5\_All NS 17/103[6] \$DO7 FS 0/23[6] \$DOFinal NS[[3]] =pH FS 0/232[6] \$Turbid\_TT\_TSS NS 52/100[7](52/100[7] 16/42[4] 11/72[4]) +Un-ionized ammonia FS 0/50[4]  
 Aquatic recreation      NS      !!!E. coli NS 1/42Ind 1/6mo  
 Ecoregion norms      EX      =BOD5 EX 16/47[4] =NO2&NO3 EX 89/127[6] =Phosphorus EX 78/114[6]

07010204-504	5B	8.7	Crow River, North Fork	Lk Koronis to M Fk Crow R	2B, 3C
MNPCA1	S001-508		n fk crow r near csah-20 brg, 6 mi sse of paynesville		NFCRWD 26
MNPCA1	S001-508		n fk crow r near csah-20 brg, 6 mi sse of paynesville		CSMP 39
MNPCA1	S001-944		n fk crow r at ctv rd 20 brg, 6 mi s of paynesville		CWPRICE 24
MNPCA1	S001-944		n fk crow r at ctv rd 20 brg, 6 mi s of paynesville		CWPCROWR 12
MNPCA1	S002-029		n fk crow r, brg on grvl rd, w mn-4, 5 1/2 mi s paynesville		REDRIVER 1
MNPCA1	S002-029		n fk crow r, brg on grvl rd, w mn-4, 5 1/2 mi s paynesville		NFCRWD 28
MNPCA1	S002-029		n fk crow r, brg on grvl rd, w mn-4, 5 1/2 mi s paynesville		CWPCROWR 46
MNPCA1	S002-387		crow r, n fk, at csah 30 brg, e side of manannah, mn		CWPCROWR 21
MPCAB	00UM056		North Fork Crow River; 11.5 miles N of Grove City on Hwy 4, 1/2 mile E on C.R.		biocriteria 1
MPCAB	07UM029		Crow River, North Fork; Upstream of CR 30, in Manannah		phase1 2
MPCAB	07UM074		Crow River, North Fork; Downstream of CR 365, 3 mi. NW of Manannah		ref. ditches 2

Aquatic life      NS      =Chloride FS 0/13[2] DO12 -- 1/66[8] DO5\_9am NS 1/39[6] DO5\_All FS 1/49[8] DO7 FS 0/17[6] +DOFinal IF[[5]] =pH FS 5/138[8] =Turbid\_TT\_TSS FS 4/200[9](1/10[5] 1/52[3] 2/138[8]) +Un-ionized ammonia FS 0/10[1]  
 Ecoregion norms      EX      +NO2&NO3 EX 9/21[5] =Phosphorus OK 1/61[7]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010204-506	4A	22.3	Crow River, North Fork	Jewitts Cr to Washington Cr	2B, 3C
MNPCA1	S001-503		n fk crow r near csah-34 brg, 5 mi nne of litchfield		CSMP 119
MNPCA1	S001-828		n fk crow r, at 315th street, 8 mi nw of litchfield		CSMP 56
MNPCA1	S002-024		n fk crow r on csah-19 at kingston		NFCROWWM 11
MNPCA1	S002-024		n fk crow r on csah-19 at kingston		CWPCROWR 44
MNPCA1	S002-025		n fk crow r on csah-2 at forest city		CWPCROWR 43
MNPCA1	S003-630		crow r, n fk, n of 305th st, 2.5 mi wsw of kingston, mn		CSMP 11
MPCAB	07UM013		Crow River, North Fork; Downstream of CR 19, in Kingston		phase1 1

Aquatic life NS =Chloride FS 0/75[4] DO12 -- 2 51[4] DO5\_9am FS 0/1[1] DO5\_All FS 2/40[3] DO7 FS 0/11[4] +DOFinal IF[[1]] =pH FS 0/92[4] !!!Turbid\_TT\_TSS NS  
 5/20[4](5/20[4] 5/177[5] 4/56[2]) +Un-ionzed ammonia FS 0/32[3]

Aquatic recreation IF +E. coli IF 0/11Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 87/96[4] =Phosphorus EX 27/55[4]

07010204-507	4A	10.9	Crow River, North Fork	M Fk Crow R to Jewitts Cr	2B, 3C
MNPCA1	S002-026		n fk crow r at csah-22, 3 1/2 mi e of manannah		NFLCROW 21
MNPCA1	S002-026		n fk crow r at csah-22, 3 1/2 mi e of manannah		CWPCROWR 55
MPCAB	07UM021		Crow River, North Fork; Downstream of 328th St, 8 mi. N of Litchfield		phase1 2

Aquatic life FS =Chloride FS 0/53[4] DO12 -- 2 70[5] DO5\_9am FS 0/4[2] DO5\_All FS 1/54[5] DO7 FS 1/16[4] +DOFinal IF[[2]] =pH FS 0/136[5] =Turbid\_TT\_TSS FS  
 0/41[5](0/41[5] 1/1[1] 0/70[3]) +Un-ionzed ammonia FS 0/37[3]

Aquatic recreation IF +E. coli IF 1/15Ind 0/0mo

Ecoregion norms EX +BOD5 OK 0/18[2] +NO2&NO3 EX 71/71[5] =Phosphorus EX 7/68[5]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				#Sample Dates

07010204-508	4A	51.6	Crow River, North Fork	Headwaters (Grove Lk 61-0023-00) to Lk Koronis	2B, 3B
MNPCA1	S001-509		n fk crow r near csah-130, 2 mi w of paynesville		CSMP 39
MNPCA1	S001-510		n fk crow r near 263rd ave brg, 3 mi ese of paynesville		NFCRWD 29
MNPCA1	S001-510		n fk crow r near 263rd ave brg, 3 mi ese of paynesville		CSMP 38
MNPCA1	S001-510		n fk crow r near 263rd ave brg, 3 mi ese of paynesville		CWPCROWR 8
MNPCA1	S002-027		n fk crow r on csah-19, 5 mi e of belgrade		CWPCROWR 39
MNPCA1	S002-027		n fk crow r on csah-19, 5 mi e of belgrade		NFCRWD 28
MNPCA1	S002-027		n fk crow r on csah-19, 5 mi e of belgrade		CD319 13
MNPCA1	S002-354		crow r, n fk, at brg on csah 6, 3.2 mi w of paynesville, mn		NFCRWD 29
MNPCA1	S002-354		crow r, n fk, at brg on csah 6, 3.2 mi w of paynesville, mn		CWPCROWR 10
MNPCA1	S002-354		crow r, n fk, at brg on csah 6, 3.2 mi w of paynesville, mn		CWPRICE 24
MNPCA1	S002-355		crow r, n fk at brg on mn-55/4, 4.5 mi se of paynesville, mn		NFCRWD 27
MNPCA1	S002-355		crow r, n fk at brg on mn-55/4, 4.5 mi se of paynesville, mn		CWPCROWR 11
MNPCA1	S002-355		crow r, n fk at brg on mn-55/4, 4.5 mi se of paynesville, mn		CWPRICE 24
MNPCA1	S002-356		crow r, n fk, at brg on mn-23, 1 mi ne of paynesville, mn		CWPRICE 20
MNPCA1	S002-357		crow r, n fk at brg on csah 34, 3.5 mi se of paynesville, mn		NFCRWD 29
MNPCA1	S002-357		crow r, n fk at brg on csah 34, 3.5 mi se of paynesville, mn		NFCROWWM 11
MNPCA1	S002-357		crow r, n fk at brg on csah 34, 3.5 mi se of paynesville, mn		CWPRICE 13
MNPCA1	S002-357		crow r, n fk at brg on csah 34, 3.5 mi se of paynesville, mn		CWPCROWR 10
MNPCA1	S002-381		crow r, n fk, at CD 32 on csah 27, 5.5 mi ne of brooten, mn		CWPCROWR 7
MNPCA1	S002-381		crow r, n fk, at CD 32 on csah 27, 5.5 mi ne of brooten, mn		NFCRWD 25
MNPCA1	S002-381		crow r, n fk, at CD 32 on csah 27, 5.5 mi ne of brooten, mn		CD319 11
MNPCA1	S002-383		crow r, n fk, at csah 27, 4.5 mi ne of brooten, mn		NFCRWD 27
MNPCA1	S002-383		crow r, n fk, at csah 27, 4.5 mi ne of brooten, mn		CD319 12
MNPCA1	S002-383		crow r, n fk, at csah 27, 4.5 mi ne of brooten, mn		CWPCROWR 2
MNPCA1	S002-391		jd1 near dam at s grove lk st, 4 mi ne of sedan, mn		NFCRWD 25
MNPCA1	S002-391		jd1 near dam at s grove lk st, 4 mi ne of sedan, mn		CWPGROVE 22
MNPCA1	S002-391		jd1 near dam at s grove lk st, 4 mi ne of sedan, mn		CWPCROWR 6
MNPCA1	S002-403		crow r, n fk, rice lk inlet, 3 mi e of paynesville, mn		CWPRICE 24
MNPCA1	S002-441		crow r, n fk, at mn-55, at paynesville, mn		CSMP 11
MNPCA1	S003-966		crow r, n fk off haines avenue in paynesville, mn		CSMP 29
MPCAB	07UM003		Crow River, North Fork; Downstream CR 13, 5 mi. N of Belgrade		phase1 1
MPCAB	07UM009		Crow River, North Fork; Downstream of 270th Ave, 3.5 mi. West of Paynesville		phase1 1
MPCAB	07UM032		Crow River, North Fork; Downstream of CR 18, 2.5 mi. E of Grove Lake		phase1 2
MPCAB	07UM035		Crow River, North Fork; Upstream of CR 35, 2.5 mi. SE of Paynesville		phase1 1
MPCAB	07UM084		Crow River, North Fork; Upstream of 102nd Ave, 2 mi. S of Grove Lake		ref. ditches 2
MPCAB	99UM050		North Fork Crow River; ~4.4 mi. N. of Belgrade, downstream of confluence of County Ditch Seven		EMAP 1

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

Aquatic life	NS	=Chloride FS 0/18[3] DO12 -- 28/110[7] DO5_9am NS 20/63[5] DO5_All NS 25/80[7] DO7 FS 3/30[6] !!!DOFinal NS[[5]] =pH FS 4/226[7] =Turbid_TT_TSS FS 2/20[4](2/20[4] 5/106[5] 0/184[8]) +Un-ionzed ammonia FS 0/44[5]						
Aquatic recreation	IF	+E. coli IF 0/11Ind 0/0mo						
Ecoregion norms	EX	=BOD5 EX 10/12[1] =NO2&NO3 EX 47/59[7] =Phosphorus EX 5/45[4]						

<b>07010204-511</b>	<b>2</b>	<b>15.9</b>	<b>Crow River, Middle Fork</b>	<b>Green Lk to N Fk Crow R</b>	<b>2B, 3B</b>
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MNPCA1	S001-535	mid fk crow r at cr138 brg, 6 mi se of new london	CSMP	13
MNPCA1	S002-028	mid fk crow r on csah-3, 1/2 mi s of manannah	MFCROW	11
MNPCA1	S002-028	mid fk crow r on csah-3, 1/2 mi s of manannah	CWPCROWR	44
MNPCA1	S002-028	mid fk crow r on csah-3, 1/2 mi s of manannah	CWPMFCRG	7
MNPCA1	S002-293	crow r, mf at csah 2, 7 mi e ne of spicer, mn	CSMP	94
MNPCA1	S002-293	crow r, mf at csah 2, 7 mi e ne of spicer, mn	NFCROWWM	11
MNPCA1	S002-293	crow r, mf at csah 2, 7 mi e ne of spicer, mn	CWPMFCRG	19
MNPCA1	S002-293	crow r, mf at csah 2, 7 mi e ne of spicer, mn	CROWRW-S	7
MNPCA1	S002-293	crow r, mf at csah 2, 7 mi e ne of spicer, mn	MFCROW	28
MNPCA1	S002-913	crow r mf at green lk outl csah-4 br, 4 1/2 mi se new london	MFCROW	3
MNPCA1	S002-913	crow r mf at green lk outl csah-4 br, 4 1/2 mi se new london	CROWRW-S	21
MNPCA1	S004-421	mf crow r at csah-30, 1 mi s of manannah	MFCROW	7
MNPCA1	S004-421	mf crow r at csah-30, 1 mi s of manannah	NFCROWWM	11
MNPCA1	S004-643	mf crow r at csah 10, 7.4 mi n of atwater, mn	MFCROW	7
MPCAB	07UM002	Crow River, Middle Fork; Downstream of CR 2, 5.5 mi. NW of Crow River	phase1	1
MPCAB	07UM011	Crow River, Middle Fork; Upstream of CR 30, 1 mi. S of Manannah	phase1	1

Aquatic life	NS	=Chloride FS 0/49[4] DO12 -- 4/59[5] DO5_All FS 4/46[4] DO7 FS 0/13[4] +DOFinal IF[[2]] =pH FS 0/118[5] =Turbid_TT_TSS FS 2/25[5](2/25[5] 0/165[9] 1/110[5]) +Un-ionzed ammonia FS 0/34[3]						
Aquatic recreation	IF	+E. coli IF 0/11Ind 0/0mo						
Ecoregion norms	EX	+NO2&NO3 EX 50/58[4] <>Phosphorus OK 7/82[4]						



AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010204-514	5A	10.1	Grove Creek	Unnamed cr to N Fk Crow R	2B, 3B
MNPCA1	S000-847		grove ck at csah-3 7.5 mi ne of grove city		CSMP 22
MNPCA1	S000-847		grove ck at csah-3 7.5 mi ne of grove city		CWPCROWR 52
MNPCA1	S000-847		grove ck at csah-3 7.5 mi ne of grove city		NFLCROW 22
MNPCA1	S000-848		Grove Creek at csah-16 5 mi ne of grove city		NFLCROW 1
MNPCA1	S000-850		grove ck at rd btn s19/30 3 mi ne of grove city		NFLCROW 1
MNPCA1	S000-897		grove ck at rd btn s6/32 7 mi ne of grove city		NFCROWWM 11
MPCAB	07UM026		Grove Creek; Downstream of 340th St, 1.5 mi. SE of Manannah		phase1 1
MPCAB	99UM045		Grove Creek; Upstream ~1.0 mi. of CR 16, Upstream ~.1 mi. of CR 30, 3.0 mi. NE of Grove City		EMAP 1

Aquatic life NS =Chloride FS 0/61[5] DO12 -- 14/80[6] DO5\_9am FS 0/3[1] DO5\_All NS 13/63[6] \$DO7 FS 1/17[5] \$DOFinal NS[[2]] =pH FS 0/158[6] !!!Turbid\_TT\_TSS NS 10/51[6](10/51[6] 5/23[2] 5/64[3]) +Un-ionzed ammonia FS 0/51[4]

Aquatic recreation NS !!!E. coli NS 0/26Ind 1/2mo

Ecoregion norms EX +BOD5 OK 0/16[2] +NO2&NO3 EX 81/82[6] =Phosphorus EX 51/76[6]

07010204-515	5C	3.7	Mill Creek	Buffalo Lk to N Fk Crow R	2B, 3B
MNPCA1	S002-018		mill ck on csah-12, 3 1/2 mi sw of buffalo		NFLCROW 21
MNPCA1	S002-018		mill ck on csah-12, 3 1/2 mi sw of buffalo		CWPCROWR 62
MNPCA1	S002-018		mill ck on csah-12, 3 1/2 mi sw of buffalo		NFCROWWM 11

Aquatic life NS =Chloride FS 0/63[5] DO12 -- 20/89[6] DO5\_9am NS 5/14[2] DO5\_All NS 20/70[6] \$DO7 FS 0/19[6] \$DOFinal NS[[2]] =pH FS 0/174[6] !!!Turbid\_TT\_TSS NS 16/58[6](16/58[6] --/--[2] 2/70[3]) +Un-ionzed ammonia FS 0/48[4]

Aquatic recreation IF +E. coli IF 1/26Ind 0/2mo

Ecoregion norms EX +BOD5 EX 3/15[1] +NO2&NO3 EX 44/78[5] =Phosphorus EX 26/76[5]

07010204-518	3A	11.1	Washington Creek	Washington Lk to N Fk Crow R	2B, 3B
MNPCA1	S003-935		cd-9 at csah-21, 2.1 mi s of kingston, mn		CWPCROWR 7
MNPCA1	S003-935		cd-9 at csah-21, 2.1 mi s of kingston, mn		NFCROWWM 11
MNPCA1	S004-559		washington cr on us-12, 2.5 mi wnw of dassel, mn		CROWRW-S 13
MPCAB	07UM014		County Ditch 9; Downstream of CR 21, 4 mi. S of Kingston		phase1 1
MPCAB	07UM030		Washington Creek; Upstream of 273rd St, 5 miles N of Dassel		phase1 1

Aquatic life FS +Chloride FS 0/14[2] +pH FS 0/30[2] +Turbid\_TT\_TSS FS 3/42[2](3/13[2] 0/5[1] 0/24[2]) +Un-ionzed ammonia FS 0/14[2]

Aquatic recreation IF +E. coli IF 2/11Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 4/20[2] +Phosphorus EX 5/27[2]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010204-528	3A	17.5	Sucker Creek	Headwaters to N Fk Crow R	2B, 3B
MNPCA1	S002-021		unn outlet from cokato lake on csah-4, 3.5 mi ne of cokato		NFCROWWM 11
MNPCA1	S002-021		unn outlet from cokato lake on csah-4, 3.5 mi ne of cokato		CWPCROWR 2
MPCAB	07UM058		Sucker Creek; Upstream of CR 31, .5 mi. S of Cokato		phase1 1
MPCAB	07UM061		Sucker Creek; Downstream of CR 4, 2 mi. W of Albright		phase1 1
MPCAB	07UM100		Sucker Creek; Upstream of 7th St, In Cokato		ref. ditches 1

Aquatic life      IF      +Chloride FS 0/13[2]    +pH FS 0/30[2]    +Un-ionzed ammonia FS 0/12[2]  
 Aquatic recreation      IF      +E. coli IF 0/11Ind 0/0mo  
 Ecoregion norms      EX      +NO2&NO3 EX 14/16[2]    +Phosphorus OK 0/16[2]

07010204-529	2	8.1	Twelvemile Creek	Dutch Lk to N Fk Crow R	2B, 3B
MNPCA1	S001-405		twelvemile ck 2.25 mi n of waverly		CSMP 62
MNPCA1	S001-967		twelvemile cr at csah 8, 1.5 mi nw of waverly, mn		CSMP 55
MNPCA1	S001-968		twelvemile cr 2.25 mi w of waverly, mn		CSMP 56
MNPCA1	S001-969		twelvemile cr near hart ave, 2 mi sw of howard lk, mn		CSMP 56
MNPCA1	S001-970		unn trib to twelvemile cr, 1.75 mi se of howard lk, mn		CSMP 54
MNPCA1	S001-971		unn trib outlet from dutch lk, 1 mi e of howard lk, mn		CSMP 53
MNPCA1	S001-972		twelvemile cr at csah 7, 2 mi nw of waverly, mn		NFCROWWM 11
MNPCA1	S001-972		twelvemile cr at csah 7, 2 mi nw of waverly, mn		CSMP 43
MNPCA1	S001-972		twelvemile cr at csah 7, 2 mi nw of waverly, mn		CWPCROWR 48
MPCAB	99UM060		Twelvemile Creek; ~1 mi. upstream of Hwy. 12, ~3.0 mi. E. of Howard Lake		EMAP 1

Aquatic life      NS      =Chloride FS 0/44[4]    DO12 -- 5/34[4]    DO5\_9am FS 0/2[1]    DO5\_All NS 5/29[4]    DO7 FS 0/5[2]    !!!DOFinal NS[[0]]    =pH FS 1/60[4]    !!!Turbid\_TT\_TSS NS 5/26[4](5/26[4] 2/118[6] 2/54[3])    +Un-ionzed ammonia FS 1/26[3]  
 Aquatic recreation      IF      +E. coli IF 2/11Ind 0/0mo  
 Ecoregion norms      EX      +NO2&NO3 EX 22/60[5]    =Phosphorus EX 40/58[5]

07010204-531	3A	9.5	Skunk River	Headwaters to N Fk Crow R	7
MNPCA1	S002-385		skunk r at brg on i-71, 3 mi ne of belgrade, mn		CD319 11
MNPCA1	S002-385		skunk r at brg on i-71, 3 mi ne of belgrade, mn		NFCRWD 28
MNPCA1	S002-385		skunk r at brg on i-71, 3 mi ne of belgrade, mn		CWPCROWR 4
MPCAB	07UM039		Skunk River; Downstream of US 71, 3 mi. N of Belgrade		phase1 2

Limited Use Waters      IF      DO12 -- 0/36[5]    DO5\_9am FS 0/1[1]    DO5\_All FS 0/25[5]    DO7 FS 0/11[4]    +DOFinal IF[[4]]    +pH FS 2/82[5]

07010204-536	2	6.9	County Ditch 37	Unnamed cr to M Fk Crow R	2B, 3B
MNPCA1	S002-298		cd no 37 at 40th st ne, 5 mi nw of new london, mn		CWPMFCRG 23
MPCAB	00UM046		County Ditch #37; upstream of C.R. 107, 6 mi. NW of New London		biocriteria 1
MPCAB	07UM004		County Ditch 37; Upstream of 40th St, 6 mi. NW of New London		phase1 2

Aquatic life      FS      =Turbid\_TT\_TSS FS 0/49[3](0/3[2] --/--) 0/46[2])

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010204-537	2	8.2	Crow River, Middle Fork	Headwaters to Mud Lk	2B, 3B
MNPCA1	S002-300		mid fk crow r at csah 35, 4 mi s of belgrade		CWPMFCRG 23
MNPCA1	S002-302		mid fk crow r at 275 ave ne, 4.5 mi s of belgrade		CWPMFCRG 7
MNPCA1	S002-302		mid fk crow r at 275 ave ne, 4.5 mi s of belgrade		MFCROW 23
MNPCA1	S004-646		mf crow r inlet to mud lk, 3.1 mi n of new london, mn		MFCROW 23
MNPCA1	S004-646		mf crow r inlet to mud lk, 3.1 mi n of new london, mn		CROWRW-S 10
MPCAB	07UM008		Crow River, Middle Fork; Downstream of 255th Ave, 5 mi. N of New London		phase1 1

Aquatic life FS +pH FS 0/12[2] =Turbid\_TT\_TSS FS 3/134[5](0/6[2] 0/32[2] 3/96[5])  
 Ecoregion norms OK +Phosphorus OK 1/27[1]

07010204-539	2	9.7	Crow River, Middle Fork	Mud Lk to Nest Lk	2B, 3B
MNPCA1	S001-498		mid fk crow r at 66th st ne, 2 mi ssw of new london		CSMP 15
MNPCA1	S002-295		crow r mf inlet to nest lake, 3 mi n nw of spicer, mn		CWPMFCRG 57
MNPCA1	S002-295		crow r mf inlet to nest lake, 3 mi n nw of spicer, mn		CROWRW-S 33
MNPCA1	S002-296		crow r mf at dam in new london, mn		CWPMFCRG 55
MNPCA1	S002-296		crow r mf at dam in new london, mn		CROWRW-S 33
MNPCA1	S002-296		crow r mf at dam in new london, mn		MFCROW 2
MNPCA1	S002-299		crow r mf at csah 40, 1.5 mi w of new london, mn		CWPMFCRG 44
MNPCA1	S002-299		crow r mf at csah 40, 1.5 mi w of new london, mn		CROWRW-S 31
MNPCA1	S002-299		crow r mf at csah 40, 1.5 mi w of new london, mn		NFCROWWM 11
MNPCA1	S004-241		mid fk crow r on csah-9, 1 mi sw of new london, mn		CWPMFCRG 4
MNPCA1	S004-242		mid fk crow r at l crow golf crse, 1 mi se of new london, mn		CWPMFCRG 11
MPCAB	07UM010		Crow River, Middle Fork; Upstream of CR 40, 0.5 mi. W of New London		phase1 2

Aquatic life FS +Chloride FS 0/11[1] +pH FS 0/28[2] =Turbid\_TT\_TSS FS 1/180[7](1/14[2] 0/50[3] 0/116[5]) +Un-ionzed ammonia FS 0/11[1]  
 Aquatic recreation IF +E. coli IF 2/11Ind 0/0mo  
 Ecoregion norms OK +NO2&NO3 OK 0/13[1] +Phosphorus OK 1/64[4]

07010204-541	2	0.1	Crow River, Middle Fork	Nest Lk to Green Lk	2B, 3B
MNPCA1	S002-294		crow r mf inlet to green lk, 2 mi ne of spicer, mn		MFCROW 9
MNPCA1	S002-294		crow r mf inlet to green lk, 2 mi ne of spicer, mn		CWPMFCRG 55

Aquatic life FS =Turbid\_TT\_TSS FS 1/119[7](1/3[1] 0/6[1] 0/110[5])  
 Ecoregion norms OK +Phosphorus OK 1/33[3]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]				

07010204-542	5C	2.3	Unnamed creek	Unnamed cr to Crow R	2B, 3B
MNPCA1	S002-030		unn trib to crow r on csah-19 at st. michael		NFLCROW 14
MNPCA1	S002-030		unn trib to crow r on csah-19 at st. michael		NFCROWWM / CWP 2
MNPCA1	S002-030		unn trib to crow r on csah-19 at st. michael		NFCROWWM 10
MNPCA1	S002-030		unn trib to crow r on csah-19 at st. michael		CWPCROWR / NFC 2
MNPCA1	S002-030		unn trib to crow r on csah-19 at st. michael		CWPCROWR 86
MNPCA1	S002-030		unn trib to crow r on csah-19 at st. michael		CSMP 2
MNPCA1	S002-030		unn trib to crow r on csah-19 at st. michael		CROWRW-S 39

Aquatic life NS =Chloride FS 0/64[5] DO12 -- 12 96[6] DO5\_9am NS 10/34[4] DO5\_All NS 12/75[6] \$DO7 FS 0/21[5] \$DOFinal NS[[4]] =pH FS 0/188[6] =Turbid\_TT\_TSS FS 4/58[6](4/58[6] 1/31[2] 3/72[4]) +Un-ionized ammonia FS 0/42[4]

Aquatic recreation NS !!!E. coli NS 3/27Ind 2/4mo

Ecoregion norms EX +BOD5 EX 15 23[2] +NO2&NO3 EX 49/85[5] =Phosphorus EX 81/89[5]

07010204-546	2	1.3	Unnamed creek (Big Swan Lake Outlet)	Big Swan Lk to N Fk Crow R	2B, 3B
MNPCA1	S002-022		unn outlet from big swan lk on csah-21, 5.5 mi n of dassel		CWPCROWR 28
MNPCA1	S002-022		unn outlet from big swan lk on csah-21, 5.5 mi n of dassel		CSMP 2
MNPCA1	S002-022		unn outlet from big swan lk on csah-21, 5.5 mi n of dassel		CROWRW-S 29

Aquatic life FS =Chloride FS 0/21[3] DO12 -- 1/28[3] DO5\_All FS 1/19[2] DO7 FS 0/9[3] +DOFinal IF[[0]] =pH FS 0/50[3] =Turbid\_TT\_TSS FS 3/78[5](0/9[3] 2/27[2] 1/42[3]) +Un-ionized ammonia FS 0/8[2]

Ecoregion norms EX +NO2&NO3 EX 11/28[3] =Phosphorus EX 5/35[4]

07010204-547	3A	6.1	County Ditch 36	Powers Lk outlet to Washington Cr	2B, 3B
MNPCA1	S002-031		cnty dt 36 on csah-21, 2 1/2 mi sw of kingston		CWPCROWR 8
MNPCA1	S002-031		cnty dt 36 on csah-21, 2 1/2 mi sw of kingston		CSMP 23
MPCAB	07UM020		County Ditch #36; Upstream of CR 21, 5 mi. SE of Kingston		phase1 1

Aquatic life FS +pH FS 0/10[2] +Turbid\_TT\_TSS FS 2/38[3](0/3[2] 0/23[2] 2/12[1])

07010204-552	5A	6.4	Unnamed creek (Battle Creek)	T120 R31W S32, south line to Jewitts Cr	2C
MNPCA1	S005-065		unn str 350 ft dstr of mn-22, 5 mi n of litchfield, mn		JEWITTS 1
MNPCA1	S005-066		unn str at csah-31, 3.5 mi nw of litchfield, mn		JEWITTS 3
MNPCA1	S005-067		unn str at 300th st, 4 mi nw of litchfield, mn		JEWITTS 1
MPCAB	07UM027		Trib. to Jewitts Creek; Downstream of CR 22, 4 mi. W of Forest City		phase1 1
MPCAB	07UM027		Trib. to Jewitts Creek; Downstream of CR 22, 4 mi. W of Forest City		phase2 1
MPCAB	08UM069		Trib. to Jewitts Creek; At 310th St, 4.5 mi. N of Litchfield		phase2 1
MPCAB	08UM071		Trib. to Jewitts Creek; Upstream of CR 31, 3 mi. NW of Litchfield		phase2 1
MPCAB	99UM055		tributary to N Fork Crow River; ~ 5 mi. N. of Litchfield, ~0.6 mi. E. of Hwy 22, ~0.6 mi. S. of Hwy 16		EMAP 1

Aquatic life IF +pH FS 0/10[3]

Ecoregion norms EX +NO2&NO3 EX 6/10[3]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010204-553</b>	<b>2</b>	<b>1.5</b>	<b>Unnamed creek (County Ditch 4)</b>	<b>Unnamed cr to Lk Koronis</b>	<b>2B, 3B</b>
MNPCA1	S001-942		co dt 4 at 390th st culvert, 4.5 mi s of paynesville		CWPRICE 23
MNPCA1	S001-942		co dt 4 at 390th st culvert, 4.5 mi s of paynesville		CWPCROWR 12
MNPCA1	S001-942		co dt 4 at 390th st culvert, 4.5 mi s of paynesville		NFCRWD 24
MPCAB	07UM041		Trib. to Lake Koronis; Upstream of CR 20, 5 mi. S of Paynesville		phase1 1

Aquatic life FS DO12 -- 0/42[5] DO5\_All FS 0/30[5] DO7 FS 0/12[5] +DOFinal IF[[5]] =pH FS 7/88[5] =Turbid\_TT\_TSS FS 0/106[7](0/1[1] 0/13[1] 0/92[6])  
 Ecoregion norms EX =Phosphorus EX 4/23[4]

<b>07010204-554</b>	<b>3A</b>	<b>3.1</b>	<b>Sucker Creek</b>	<b>Unnamed cr to Lk Manuella</b>	<b>1B, 2A, 3B</b>
MNPCA1	S001-534		unn trib to MANUELLA LK, 5 mi se of litchfield		CSMP 229
MPCAB	07UM018		Sucker Creek; Downstream of CR 28, 2 mi. SW of Casey		phase1 1

Aquatic life FS +Turbid\_TT\_TSS FS 7/230[8](0/1[1] 7/229[7] --/--[--])

<b>07010204-556</b>	<b>4A</b>	<b>47.7</b>	<b>Crow River, North Fork</b>	<b>Meeker/Wright County line to Mill Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-504		n fk crow r, 5 mi north of Howard Lake		CSMP 165
MNPCA1	S001-505		n fk crow r at keats ave brg, 5 mi nnw of Howard Lake		CSMP 181
MNPCA1	S001-507		n fk crow r, 5 mi n of Howard Lake		CSMP 227
MNPCA1	S001-516		n fk crow r at csah-5 brg in albright		CSMP 203
MNPCA1	S001-517		n fk crow r at csah-4 brg, 1.5 mi w of albright		CWPCROWR 40
MNPCA1	S001-517		n fk crow r at csah-4 brg, 1.5 mi w of albright		NFLCROW 21
MNPCA1	S001-517		n fk crow r at csah-4 brg, 1.5 mi w of albright		CSMP 197
MNPCA1	S001-540		n fk crow r, 5 mi n of cokato		CSMP 9
MNPCA1	S001-830		crow r, 1 mi sw of FRENCH LK corners in annandale		CSMP 116
MNPCA1	S002-019		n fk crow r on csah-9, 2 1/2 mi n of waverly		CWPCROWR 34
MNPCA1	S002-019		n fk crow r on csah-9, 2 1/2 mi n of waverly		NFLCROW 21

Aquatic life NS =Chloride FS 0/79[4] DO12 -- 5/74[5] DO5\_9am NS 1/6[2] DO5\_All FS 5/58[4] DO7 FS 0/16[5] !!!DOFinal NS[[2]] =pH FS 0/144[5] !!!Turbid\_TT\_TSS NS 13/44[5](13/44[5] 41/805[8] 3/46[2]) +Un-ionzed ammonia FS 0/52[3]  
 Aquatic recreation IF +E. coli IF 0/17Ind 0/1mo  
 Ecoregion norms EX +BOD5 OK 0/21[2] +NO2&NO3 EX 76/93[4] =Phosphorus EX 28/58[4]

<b>07010204-557</b>	<b>3D</b>	<b>4.3</b>	<b>Silver Creek</b>	<b>Unnamed cr to Collinwood Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-778		silver ck at collinwood lk inlet, 6 mi se of dassel		CSMP 61
MPCAB	07UM019		Silver Creek; Downstream of CR 15, 5 mi. SE of Dassel		phase1 1

Aquatic life FS =Turbid\_TT\_TSS FS 0/62[7](0/1[1] 0/61[7] --/--[--])

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Agency	Station		Location				Project
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<b>07010204-559</b>	<b>3B</b>	<b>2.6</b>	<b>County Ditch 10</b>	<b>Unnamed ditch to Grass Lk</b>	<b>2B, 3B</b>
MNPCA1	S001-618		cd #10 at 90th st sw rd xing (aka csah-30), 0.5 mi n rice lk		FISHKILL 2
MNPCA1	S001-618		cd #10 at 90th st sw rd xing (aka csah-30), 0.5 mi n rice lk		2
MNPCA1	S001-618		cd #10 at 90th st sw rd xing (aka csah-30), 0.5 mi n rice lk		CSMP 43

Aquatic life NS !!!Turbid\_TT\_TSS NS 7/43[6](--/--[ ] 7/43[6] --/--[ ])

Aquatic recreation IF +E. coli IF 0/2Ind 0/0mo

<b>07010204-560</b>	<b>3D</b>	<b>2.0</b>	<b>County Ditch 10</b>	<b>Grass Lk to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S001-621		co dtch no 10 at csah-5 brg, 1.5 mi ne of rice lk		3
MNPCA1	S001-621		co dtch no 10 at csah-5 brg, 1.5 mi ne of rice lk		FISHKILL 4
MNPCA1	S001-621		co dtch no 10 at csah-5 brg, 1.5 mi ne of rice lk		CSMP 41

Aquatic life FS =Turbid\_TT\_TSS FS 0/41[6](--/--[ ] 0/41[6] --/--[ ])

Aquatic recreation IF +E. coli IF 1/3Ind 0/0mo

<b>07010204-561</b>	<b>3B</b>	<b>2.2</b>	<b>Unnamed ditch</b>	<b>Headwaters to CD 10</b>	<b>2B, 3B</b>
MNPCA1	S001-623		unn trib to co dtch no 10 at csah-30, 1.5 mi of rice lk		CSMP 41
			Aquatic life NS !!!Turbid_TT_TSS NS 6/41[6](--/--[ ] 6/41[6] --/--[ ])		

<b>07010204-563</b>	<b>3D</b>	<b>2.6</b>	<b>County Ditch 10</b>	<b>Unnamed ditch to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S001-619		co dtch no 10 at csah-6 brg, 2 mi s of howard lk		CSMP 45
MNPCA1	S001-622		co dtch no 10 at keats ave brg, 2 mi sw of howard lk		CSMP 47
MPCAB	07UM099		County Ditch 10; Downstream of Keets Ave, 2 mi. S of Howard Lake		ref. ditches 1

Aquatic life FS =Turbid\_TT\_TSS FS 2/48[7](0/1[1] 2/47[6] --/--[ ])

<b>07010204-564</b>	<b>3D</b>	<b>0.5</b>	<b>County Ditch 10</b>	<b>Unnamed ditch to Lk Ann</b>	<b>2B, 3B</b>
MNPCA1	S001-620		co ditch no 10, 2.5 mi se of howard lk		CSMP 47
MNPCA1	S001-620		co ditch no 10, 2.5 mi se of howard lk		1
MNPCA1	S003-460		cd #10 at crossing of ingram ave/90th, 2.5 mi se Howard Lake		4
MNPCA1	S003-460		cd #10 at crossing of ingram ave/90th, 2.5 mi se Howard Lake		FISHKILL 4

Aquatic life FS =Turbid\_TT\_TSS FS 3/47[6](--/--[ ] 3/47[6] --/--[ ])

Aquatic recreation IF +E. coli IF 1/4Ind 0/0mo

<b>07010204-565</b>	<b>3D</b>	<b>2.2</b>	<b>Unnamed creek</b>	<b>Lk Emma to Twelvemile Cr</b>	<b>2B, 3B</b>
MNPCA1	S001-973		twelvemile cr near hart ave, 2.5 mi sw of howard lk, mn		CSMP 67

Aquatic life FS =Turbid\_TT\_TSS FS 2/67[4](--/--[ ] 2/67[4] --/--[ ])

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<b>07010204-569</b>	<b>2</b>	<b>1.0</b>	<b>County Ditch 26</b>		<b>Unnamed ditch to Lk Calhoun</b>		<b>2B, 3B</b>
MNPCA1	S002-044		co dt 26 at csah-130, 6.5 mi ne of spicer			CSMP	23
MNPCA1	S002-297		cd 26 above lk calhoun, 6.4 mi ne of spicer, mn			CROWRW-S	9
MNPCA1	S002-297		cd 26 above lk calhoun, 6.4 mi ne of spicer, mn			CWPMFCRG	34
MNPCA1	S002-297		cd 26 above lk calhoun, 6.4 mi ne of spicer, mn			MFCROW	3

Aquatic life FS =Turbid\_TT\_TSS FS 3/109[8](--/--) 2/29[6] 1/80[6]  
 Ecoregion norms EX +Phosphorus EX 8/20[3]

<b>07010204-576</b>	<b>2</b>	<b>6.9</b>	<b>County Ditch 5</b>		<b>Unnamed cr to N Fk Crow R</b>		<b>2B, 3B</b>
MNPCA1	S001-943		co dt 5 on w side of lake st culvert in paynesville			CWPRICE	21
MNPCA1	S001-943		co dt 5 on w side of lake st culvert in paynesville			CWPCROWR	6

Aquatic life FS =pH FS 0/26[2] =Turbid\_TT\_TSS FS 0/43[4](--/--) 0/11[1] 0/32[3]  
 Ecoregion norms EX =Phosphorus EX 5/21[3]

<b>07010204-577</b>	<b>3D</b>	<b>1.3</b>	<b>County Ditch B6</b>		<b>Unnamed cr to M Fk Crow R</b>		<b>2B, 3B</b>
MNPCA1	S002-301		co ditch b6 at csah 35, 4 mi s of belgrade			CWPMFCRG	21
MPCAB	07UM007		County Ditch B6; Upstream of CR 35, 4 mi. S of Belgrade			phase1	2

Aquatic life FS =Turbid\_TT\_TSS FS 0/44[3](0/1[1] 0/1[1] 0/42[2])

<b>07010204-578</b>	<b>2</b>	<b>2.0</b>	<b>County Ditch 32</b>		<b>Unnamed ditch to N Fk Crow R</b>		<b>2B, 3B</b>
MNPCA1	S002-382		cd32 on 295th st, 4.8 mi ne of brooten, mn			NFCRWD	22
MNPCA1	S002-382		cd32 on 295th st, 4.8 mi ne of brooten, mn			CWPCROWR	8
MNPCA1	S002-382		cd32 on 295th st, 4.8 mi ne of brooten, mn			CD319	15
MPCAB	07UM033		County Ditch 32; Downstream of CR 27, 4.5 mi. NE of Brooten			phase1	2

Aquatic life NS DO12 -- 8/37[5] DO5\_9am NS 5/23[5] DO5\_All NS 6/24[5] DO7 NS 2/13[4] !!!DOFinal NS[[4]] =pH FS 1/74[5] =Turbid\_TT\_TSS FS 6/79[6](0/2[1] 2/11[1] 4/66[5])  
 +Un-ionzed ammonia FS 1/11[3]  
 Ecoregion norms EX +NO2&NO3 EX 17/20[4]

<b>07010204-579</b>	<b>3D</b>	<b>2.4</b>	<b>Sedan Brook</b>		<b>CD 36 to N Fk Crow R</b>		<b>2B, 3B</b>
MNPCA1	S002-384		sedan brk an ironside rd, 3.5 mi ne of brooten, mn			NFCRWD	23
MNPCA1	S002-384		sedan brk an ironside rd, 3.5 mi ne of brooten, mn			CWPCROWR	2
MNPCA1	S002-384		sedan brk an ironside rd, 3.5 mi ne of brooten, mn			CD319	12
MPCAB	07UM036		Sedan Brook; Upstream of CR 201, 3 mi. NE of Brooten			phase1	1

Aquatic life NS DO12 -- 5/31[5] DO5\_All NS 3/20[5] DO7 NS 2/11[4] !!!DOFinal NS[[4]] =pH FS 1/68[5] +Turbid\_TT\_TSS FS 0/65[6](0/1[1] 0/10[1] 0/54[5])

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<b>07010204-580</b>	<b>2</b>	<b>2.7</b>	<b>County Ditch 7</b>	<b>Unnamed ditch to N Fk Crow R</b>	<b>2B, 3B</b>
MNPCA1	S002-386		cd7 at 275th st, 4.8 mi n of belgrade, mn		NFCRWD 25
MNPCA1	S002-386		cd7 at 275th st, 4.8 mi n of belgrade, mn		CD319 11
MNPCA1	S002-386		cd7 at 275th st, 4.8 mi n of belgrade, mn		CWPCROWR 6
MPCAB	07UM038		County Ditch 37; Upstream of CR 14, 7 mi. N of Belgrade		phase1 1

Aquatic life FS DO12 -- 1/29[5] DO5\_All FS 1/18[5] DO7 FS 0/11[4] +DOFinal IF[[2]] =pH FS 2/78[5] +Turbid\_TT\_TSS FS 3/74[5](--/--) 2/12[2] 1/62[4] +Un-ionized ammonia FS 0/13[2]  
 Ecoregion norms EX +NO2&NO3 EX 18/19[3]

<b>07010204-581</b>	<b>2</b>	<b>4.7</b>	<b>County Ditch 7</b>	<b>Unnamed ditch to N Fk Crow R</b>	<b>2B, 3B</b>
MNPCA1	S002-388		cd7 at csah 13, 4.4 mi n of belgrade, mn		CWPCROWR 8
MNPCA1	S002-388		cd7 at csah 13, 4.4 mi n of belgrade, mn		NFCRWD 28
MNPCA1	S002-388		cd7 at csah 13, 4.4 mi n of belgrade, mn		CD319 12
MPCAB	07UM037		County Ditch 7; Upstream of 443rd Ave, 4 mi. N of Belgrade		phase1 1

Aquatic life FS DO12 -- 0/39[5] DO5\_All FS 0/28[5] DO7 FS 0/11[4] +DOFinal IF[[4]] =pH FS 2/84[5] +Turbid\_TT\_TSS FS 1/83[5](0/1[1] 1/12[1] 0/70[4])

<b>07010204-582</b>	<b>2</b>	<b>1.8</b>	<b>Judicial Ditch 1</b>	<b>Unnamed ditch to Grove Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-389		jd1 at csah 33, 3.5 mi ne of sedan, mn		CWPCROWR 7
MNPCA1	S002-389		jd1 at csah 33, 3.5 mi ne of sedan, mn		CWPGROVE 21
MNPCA1	S002-389		jd1 at csah 33, 3.5 mi ne of sedan, mn		NFCRWD 22
MNPCA1	S002-390		jd1 at 208th st, inlet to grove lk, 3.5 mi ne of sedan, mn		CWPGROVE 19
MNPCA1	S002-390		jd1 at 208th st, inlet to grove lk, 3.5 mi ne of sedan, mn		CWPCROWR 6
MNPCA1	S002-390		jd1 at 208th st, inlet to grove lk, 3.5 mi ne of sedan, mn		NFCRWD 24

Aquatic life NS DO12 -- 14/41[5] DO5\_9am NS 9/26[5] DO5\_All NS 9/26[5] DO7 NS 5/15[4] !!!DOFinal NS[[4]] =pH FS 1/84[5] =Turbid\_TT\_TSS FS 1/101[7](--/--) 0/11[1] 1/90[6] +Un-ionized ammonia FS 0/5[2]

<b>07010204-583</b>	<b>3B</b>	<b>2.2</b>	<b>Judicial Ditch 1</b>	<b>Locke Lk to Unnamed ditch</b>	<b>2B, 3B</b>
MNPCA1	S002-392		jd 1 at csah 22 nr lincoln ck outlt, 3.75 mi ne of sedan, mn		CWPCROWR 8
MNPCA1	S002-392		jd 1 at csah 22 nr lincoln ck outlt, 3.75 mi ne of sedan, mn		CWPGROVE 10
MNPCA1	S002-392		jd 1 at csah 22 nr lincoln ck outlt, 3.75 mi ne of sedan, mn		NFCRWD 25

Aquatic life NS DO12 -- 13/32[5] DO5\_All NS 9/21[5] DO7 NS 4/11[4] !!!DOFinal NS[[4]] =pH FS 6/72[5] +Turbid\_TT\_TSS FS 3/72[5](--/--) 0/10[1] 3/62[4]

<b>07010204-584</b>	<b>3D</b>	<b>3.4</b>	<b>Judicial Ditch 1</b>	<b>Unnamed ditch to N Fk Crow R</b>	<b>2B, 3B</b>
MNPCA1	S002-393		jd 1 near csah 18 at 470th ave, 7 mi ne of brootan, mn		CWPCROWR 7
MNPCA1	S002-393		jd 1 near csah 18 at 470th ave, 7 mi ne of brootan, mn		NFCRWD 26
MNPCA1	S002-393		jd 1 near csah 18 at 470th ave, 7 mi ne of brootan, mn		CD319 11
MPCAB	07UM034		Judicial Ditch 1; Upstream of CR 18 (470th St), 2.5 mi. SW of Padua		phase1 1

Aquatic life NS DO12 -- 4/33[5] DO5\_All NS 3/24[5] DO7 NS 1/9[4] !!!DOFinal NS[[3]] =pH FS 0/72[5] +Turbid\_TT\_TSS FS 4/76[5](0/1[1] 1/11[1] 3/64[4])



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07010204-585	5A	8.6	Jewitts Creek (County Ditch 19, 18, and	Headwaters (Lk Ripley 47-0134-00) to N Fk Crow R	2C
MNPCA1	S000-294		jewetts creek between s13/24, 4 mi n litchfield		NFLCROW 1
MNPCA1	S000-919		jewitts ck at rd btn s23/26 3 mi n of litchfield		NFCROWWM 11
MNPCA1	S000-919		jewitts ck at rd btn s23/26 3 mi n of litchfield		SRCL/SAU 1
MNPCA1	S000-920		jewitts ck rd btn s25/30, 2.5 mi n of litchfield		SRCL/SAU 1
MNPCA1	S000-921		jewitts ck s end dtch btn s36/31 n of litchfield		NFLCROW 1
MNPCA1	S000-921		jewitts ck s end dtch btn s36/31 n of litchfield		SRCL/SAU 1
MNPCA1	S000-922		Jewitts Creek at mn-24, 0.5 mile n of litchfield		SRCL/SAU 1
MNPCA1	S000-923		jewitts cr at csah-42/armstrong av at litchfield		SRCL/SAU 1
MNPCA1	S000-923		jewitts cr at csah-42/armstrong av at litchfield		NFLCROW 1
MNPCA1	S000-923		jewitts cr at csah-42/armstrong av at litchfield		JEWITTS 3
MNPCA1	S001-502		jewett ck near 300th st brg, 4 mi n of litchfield		CSMP 127
MNPCA1	S001-502		jewett ck near 300th st brg, 4 mi n of litchfield		NFLCROW 21
MNPCA1	S001-502		jewett ck near 300th st brg, 4 mi n of litchfield		JEWITTS 2
MNPCA1	S001-502		jewett ck near 300th st brg, 4 mi n of litchfield		CWPCROWR 50
MNPCA1	S002-525		jewett ck at csah 1. 0.3 mi w of litchfield, mn		JEWITTS 1
MNPCA1	S002-525		jewett ck at csah 1. 0.3 mi w of litchfield, mn		CSMP 52
MNPCA1	S005-330		jewitts cr at 260th st in litchfield, mn		NFLCROW 1
MPCAB	00UM097		Jewett Creek; upstream of C.R. 34, 1.5 mi. N.E. of Litchfield		phase2 1
MPCAB	00UM097		Jewett Creek; upstream of C.R. 34, 1.5 mi. N.E. of Litchfield		biocriteria 1
MPCAB	01UM001		Jewett Creek; Upstream of Hwy 24, near Litchfield		phase2 1
MPCAB	01UM001		Jewett Creek; Upstream of Hwy 24, near Litchfield		prob. invest. 1
MPCAB	01UM002		Jewett Creek; upstream of Co. Rd. 42		prob. invest. 1
MPCAB	01UM002		Jewett Creek; upstream of Co. Rd. 42		phase2 1
MPCAB	07UM028		Jewitts Creek; Downstream of 300th St, 3 mi. N of Litchfield		phase1 2
MPCAB	07UM028		Jewitts Creek; Downstream of 300th St, 3 mi. N of Litchfield		phase2 1
MPCAB	07UM031		County Ditch 19; Upstream of CR 1, in Litchfield		phase2 1
MPCAB	07UM031		County Ditch 19; Upstream of CR 1, in Litchfield		phase1 1

Aquatic life NS !!!Chloride NS 4/59[5] DO12 -- 26/85[6] DO5\_9am NS 1/3[1] DO5\_All NS 26/68[6] \$DO7 FS 0/17[5] \$DOFinal NS[[2]] =pH FS 0/166[6] =Turbid\_TT\_TSS FS 1/57[6](1/57[6] 0/128[6] 1/25[2]) \$Un-ionzed ammonia FS 0/51[4]

Aquatic recreation NS !!!E. coli NS 0/28Ind 1/4mo

Ecoregion norms EX +BOD5 OK 0/19[1] +NO2&NO3 EX 68/95[6] =Phosphorus EX 76/82[6]

07010204-589	3A	0.3	Unnamed creek	Unnamed cr to Diamond Lk	2B, 3B
MNPCA1	S003-492		diamond lk inlet at csah 4, 4.5 mi nw of atwater		DIAMLK-L 7

Aquatic life IF +pH FS 0/14[1]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
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Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010204-592</b>	<b>3D</b>	<b>2.4</b>	<b>French Creek</b>	<b>French Lk to N Fk Crow R</b>	<b>2B, 3B</b>
MNPCA1	S002-521		french ck at oliver avenue. 0.6 mi ne of FRENCH LK, mn		CSMP 25
MPCAB	07UM048		French Creek; Downstream of CR 3, in French Lake		phase1 1
Aquatic life	FS		=Turbid_TT_TSS FS 1/26[4](0/1[1] 1/25[3] --/--[--])		

<b>07010204-595</b>	<b>3A</b>	<b>1.2</b>	<b>Unnamed creek</b>	<b>Headwaters to Howard Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-543		unn trib to howard lk at imhoff ave. 1 mi ne of howard lk		CSMP 43
MNPCA1	S004-031		unn trib to howard lk at imhoff ave, 1 mi ne of howard lk		CSMP 16
MNPCA1	S004-353		unn str to howard lk at csah-7, 1.1 mi ne of howard lk, mn		CSMP 8
Aquatic life	FS		+Turbid_TT_TSS FS 0/44[5](--/--[--] 0/44[5] --/--[--])		

<b>07010204-604</b>	<b>3A</b>	<b>3.8</b>	<b>Collinwood Creek</b>	<b>Unnamed cr (Unnamed lk 47-0031-00 outlet) to Big Swan</b>	<b>2B, 3B</b>
MNPCA1	S004-420		collinwood ck at 250th st, 3 mi ne of dassel		NFCROWWM 11
MNPCA1	S004-558		collinwood ck at 258th st, 3 mi ne of dassel, mn		CROWRW-S 9
MNPCA1	S004-558		collinwood ck at 258th st, 3 mi ne of dassel, mn		CSMP 1
MNPCA1	S004-558		collinwood ck at 258th st, 3 mi ne of dassel, mn		MFCROW 16
Aquatic life	NS		+Chloride FS 0/11[1] +pH FS 0/22[1] !!!Turbid_TT_TSS NS 12/35[2](7/11[1] 5/24[2] --/--[--]) +Un-ionzed ammonia FS 0/11[1]		
Aquatic recreation	IF		+E. coli IF 1/11Ind 0/0mo		
Ecoregion norms	EX		+NO2&NO3 EX 3 11[1] +Phosphorus EX 7/11[1]		

<b>07010204-615</b>	<b>3D</b>	<b>1.6</b>	<b>Unnamed creek (County Ditch 35)</b>	<b>Unnamed cr to Richardson Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-927		cd-35 at csah-11, 3.9 mi ne of litchfield, mn		DARLA 4
MNPCA1	S003-932		cd-35 at levowski dr, 4.4 mi ne of litchfield, mn		DARLA 15
Aquatic life	NS		=Chloride FS 0/12[3] !!!Turbid_TT_TSS NS 3/26[3](--/--[--] --/--[--] 3/26[3])		
Ecoregion norms	EX		+NO2&NO3 EX 7/11[3] =Phosphorus EX 10/13[3]		

<b>07010204-616</b>	<b>3D</b>	<b>2.6</b>	<b>Unnamed creek (County Ditch 35)</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>
MNPCA1	S003-928		cd-35 at us-12, 3.6 mi se of litchfield, mn		DARLA 2
MNPCA1	S003-930		cd-35 at 655th ave, 3.6 mi w of litchfield, mn		DARLA 6
Aquatic life	IF		=Chloride FS 0/8[2]		

<b>07010204-623</b>	<b>3D</b>	<b>2.0</b>	<b>Unnamed creek</b>	<b>Dunn Lk to CD 36</b>	<b>2B, 3B</b>
MNPCA1	S003-931		dunns l outlet at 288th st, 5.3 mi ne of litchfield, mn		DARLA 10
Aquatic life	NS		=Chloride FS 0/9[2] !!!Turbid_TT_TSS NS 3/20[2](--/--[--] --/--[--] 3/20[2])		
Ecoregion norms	EX		=Phosphorus EX 7/10[2]		

**Basin: UM**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010204-625</b>	<b>3A</b>	<b>2.0</b>	<b>Unnamed creek</b>	<b>Headwaters to Lk Sarah</b>	<b>2B, 3B</b>	
MNPCA1	S002-725		loretto ck at cr-11 .8 mi w of loretto		LSARAH-L	16
MNPCA1	S005-021		unn str at townline rd, just n of csah-11, w of loretto		LSARAH-L	7
Aquatic life	NS		!!!Turbid_TT_TSS NS 5/46[2](--/--[ ] --/--[ ] 5/46[2])			
<b>07010204-627</b>	<b>3A</b>	<b>2.5</b>	<b>Unnamed creek</b>	<b>Headwaters to Lk Sarah</b>	<b>2B, 3B</b>	
MNPCA1	S002-719		dance hall ck at lk sarah 2.2 mi nw of loretto		LSARAH-L	10
Aquatic life	FS		+Turbid_TT_TSS FS 1/20[2](--/--[ ] --/--[ ] 1/20[2])			
<b>07010204-628</b>	<b>3A</b>	<b>2.5</b>	<b>Sarah Creek</b>	<b>Lk Sarah to Crow R</b>	<b>2B, 3B</b>	
MNPCA1	S005-023		sarah ck (lk sarah outlet) at csah-92, 1 mi se of rockford		LSARAH-L	10
MPCAB	07UM001		Sarah Creek; Upstream of CR 92, 1 mi. SE of Rockford		phase1	1
Aquatic life	NS		!!!Turbid_TT_TSS NS 7/21[2](1/1[1] --/--[ ] 6/20[2])			
<b>07010204-634</b>	<b>3A</b>	<b>0.2</b>	<b>Unnamed creek</b>	<b>Little Waverly Lk to Waverly Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-617		trib to waverly lk, e of cr-8. 0.8 miles nw of waverly, mn		CSMP	28
Aquatic life	FS		+Turbid_TT_TSS FS 1/28[4](--/--[ ] 1/28[4] --/--[ ])			
<b>07010204-643</b>	<b>3A</b>	<b>2.2</b>	<b>County Ditch 26</b>	<b>Unnamed lk to Long Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-090		cd 26 at 545th avenue, 3 miles south of grove city, mn.		LAKE_LAP	3
MNPCA1	S004-090		cd 26 at 545th avenue, 3 miles south of grove city, mn.		LONGLAKE	3
MNPCA1	S004-090		cd 26 at 545th avenue, 3 miles south of grove city, mn.		MFCROW	15
MNPCA1	S004-090		cd 26 at 545th avenue, 3 miles south of grove city, mn.		CSMP	70
MPCAB	07UM017		County Ditch 26; Downstream of CR 4, 5.5 mi. S of Grove City		phase1	1
Aquatic life	NS		!!!Turbid_TT_TSS NS 46/87[5](0/1[1] 46/80[3] 0/6[2])			
<b>07010204-646</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek</b>	<b>Headwaters to N Fk Crow R</b>	<b>2B, 3B</b>	
MNPCA1	S003-461		trib to no fork crow r at csah-14 brg xing, 3 mi nw delano			1
Aquatic recreation	IF		+E. coli IF 0/1Ind 0/0mo			
<b>07010204-648</b>	<b>3B</b>	<b>0.1</b>	<b>Unnamed creek</b>	<b>Headwaters to Waverly Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-620		unn trib to waverly lk w of lakeview drive in waverly, mn		CSMP	58
Aquatic life	NS		!!!Turbid_TT_TSS NS 21/58[3](--/--[ ] 21/58[3] --/--[ ])			
<b>07010204-651</b>		<b>1.7</b>	<b>Unnamed creek</b>	<b>Long Lk to M Fk Crow R</b>	<b>2B, 3B</b>	
MNPCA1	S004-644		unn str outlet from long lk, 3.3 mi ne of new london, mn		CROWRW-S	23
Ecoregion norms	OK		+Phosphorus OK 0/11[1]			

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<b>07010204-667</b>		<b>2.6</b>	<b>Unnamed creek</b>		<b>Woodland WMA wetland (86-0085-00) to N Fk Crow R</b>	<b>2B, 3B</b>	
MNPCA1	S002-020		co. dt 31 on mn-25, just no of us-12, 4 mi nw of delano			CWPCROWR	63
MNPCA1	S002-020		co. dt 31 on mn-25, just no of us-12, 4 mi nw of delano			NFCROWWM	11
MNPCA1	S002-020		co. dt 31 on mn-25, just no of us-12, 4 mi nw of delano			NFLCROW	16
MNPCA1	S002-020		co. dt 31 on mn-25, just no of us-12, 4 mi nw of delano			CWPCROWR / NFC	3
MPCAB	07UM044		Trib. To North Fork Crow River; Upstream of CR 25, 3.5 mi. E of Montrose			phase1	1
Aquatic life	NS		+Chloride FS 1/54[5] DO12 -- 22 81[6] DO5_9am NS 1/3[3] DO5_All NS 21/61[6] DO7 FS 1/20[5] !!!DOFinal NS[[2]] +pH FS 0/162[6] +Turbid_TT_TSS FS 5/60[6](5/60[6] --/--[--] 0/56[4]) +Un-ionzed ammonia FS 0/40[4]				
Aquatic recreation	NS		!!!E. coli NS 1/28Ind 1/3mo				
Ecoregion norms	EX		+BOD5 EX 7/22[2] +NO2&NO3 EX 46/77[5] +Phosphorus EX 62/72[5]				
<b>07010204-668</b>		<b>1.2</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Woodland WMA wetland (86-0085-00)</b>	<b>2B, 3B</b>	
MNPCA1	S001-499		un trb to n fk cr r at armitage av se brg 2 mi s of montrose			NFLCROW	12
MNPCA1	S001-499		un trb to n fk cr r at armitage av se brg 2 mi s of montrose			CSMP	154
Aquatic life	NS		+Chloride FS 0/9[1] +pH FS 0/24[1] !!!Turbid_TT_TSS NS 41/166[6](1/12[1] 40/154[5] --/--[--]) +Un-ionzed ammonia FS 0/9[1]				
Aquatic recreation	IF		+E. coli IF 2/9Ind 0/0mo				
<b>07010204-672</b>			<b>Unnamed creek</b>		<b>Headwaters to Wheeler Lk</b>	<b>2B, 3B</b>	
MNPCA1	S005-098		unn str inlet at cr-137, 2.3 mi nw of atwater, mn			DIAMLK-L	7
Aquatic life	IF		+pH FS 0/14[1]				
<b>07010204-902</b>	<b>3D</b>	<b>0.4</b>	<b>Unnamed creek (Collinwood Lake Inlet)</b>		<b>Maple Lk to Collinwood Lk</b>	<b>2B, 3B</b>	
MNPCA1	S001-829		collinwood lk s inlet frm maple lk, 750 ave, 3 mi se dassel			CSMP	159
MNPCA1	S001-829		collinwood lk s inlet frm maple lk, 750 ave, 3 mi se dassel			MFCROW	25
Aquatic life	FS		=Turbid_TT_TSS FS 9/184[7](--/--[--] 9/184[7] --/--[--])				
<b>07010204-904</b>	<b>3A</b>	<b>0.5</b>	<b>Unnamed creek</b>		<b>Headwaters to Diamond Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-494		diamond lk inlet at csah 4, 5.5 mi nw of atwater			DIAMLK-L	7
Aquatic life	IF		+pH FS 0/14[1]				
<b>07010204-905</b>	<b>3A</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>Hubbard Lk to Diamond Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-495		diamond lk inlet from hubbard lk, 3.5 mi nw of atwater			DIAMOND	10
MNPCA1	S003-495		diamond lk inlet from hubbard lk, 3.5 mi nw of atwater			DIAMLK-L	7
MNPCA1	S003-495		diamond lk inlet from hubbard lk, 3.5 mi nw of atwater			CWPMFCRG	10
MNPCA1	S004-647		unn str inlet on cr137, 3.5 mi nw of atwater, mn			MFCROW	5
Aquatic life	NS		+pH FS 0/14[1] !!!Turbid_TT_TSS NS 5/32[3](0/7[1] 0/5[1] 5/20[1])				
Ecoregion norms	EX		+Phosphorus EX 15/19[3]				

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<b>07010204-906</b>	<b>3A</b>	<b>0.2</b>	<b>Unnamed creek (Alvig Slough)</b>		<b>Unnamed lk (34-0113-00) to Green Lk</b>		<b>2B, 3B</b>	
MNPCA1	S002-292		alvig Slough to green lk, .5 mi se of spicer, mn				CROWRW-S	12
MNPCA1	S002-292		alvig Slough to green lk, .5 mi se of spicer, mn				CWPMFCRG	43
Aquatic life	FS	+Turbid_TT_TSS FS 4/98[6](--/--[1] 1/12[1] 3/86[5])						
Ecoregion norms	OK	+Phosphorus OK 2/31[3]						
<b>07010204-907</b>	<b>3B</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>Wetland to French Lk</b>		<b>2B, 3B</b>	
MNPCA1	S002-523		co dtch 16 at 45th street nw. 1.9 mi ne of FRENCH LK, mn				CSMP	21
Aquatic life	NS	!!!Turbid_TT_TSS NS 5/21[3](--/--[1] 5/21[3] --/--[1])						
<b>07010204-910</b>	<b>3A</b>	<b>0.0</b>	<b>Unnamed creek</b>		<b>Headwaters to Lk Minnebelle</b>		<b>2B, 3B</b>	
MNPCA1	S001-133		inlet to lk minnie belle at end 612 ave nw side of lk [mb3]				MINNBELL	10
Ecoregion norms	EX	+Phosphorus EX 6/10[4]						

HUC: 07010205

DNR Major: 19

HUC NAME: SOUTH FORK CROW R

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010205-501	5A	52.2	Buffalo Creek	JD 15 to S Fk Crow R	2B, 3B
MNPCA1	S000-458		buffalo ck at rd btn s2/3 3 mi se of brownton		CSMP 116
MNPCA1	S000-460		buffalo ck at n/s rd in s28 0.5 mi e of brownton		SFCROW-L 19
MNPCA1	S000-460		buffalo ck at n/s rd in s28 0.5 mi e of brownton		CSMP 5
MNPCA1	S000-460		buffalo ck at n/s rd in s28 0.5 mi e of brownton		CROWRW-S 9
MNPCA1	S000-460		buffalo ck at n/s rd in s28 0.5 mi e of brownton		CWPCROWR 83
MNPCA1	S000-528		buffalo ck at road btn s22/23 1 mi sw of glencoe		CROWRW-S 23
MNPCA1	S000-528		buffalo ck at road btn s22/23 1 mi sw of glencoe		CSMP 4
MNPCA1	S000-531		buffalo c at rd btn s3/4 3.5 mi ne of new auburn		CSMP 4
MNPCA1	S000-531		buffalo c at rd btn s3/4 3.5 mi ne of new auburn		CROWRW-S 22
MNPCA1	S000-580		buffalo ck at cr-74 2.5 mi n of plato		CSMP 155
MNPCA1	S000-582		buffalo ck at csah-1 2 mi e of glencoe		CROWRW-S 9
MNPCA1	S000-582		buffalo ck at csah-1 2 mi e of glencoe		CWPCROWR 86
MNPCA1	S000-582		buffalo ck at csah-1 2 mi e of glencoe		SFCROW-L 19
MNPCA1	S000-582		buffalo ck at csah-1 2 mi e of glencoe		SSSTA 10
MNPCA1	S001-506		buffalo ck near csah-1 brg, 2.5 mi e of glencoe		CSMP 225
MPCAB	00UM052		Buffalo Creek; 2 miles N of Stewart on 580th St. (Zane Ave.)		biocriteria 1
MPCAB	06UM005		Buffalo Creek; Downstream of Zane Ave, ~1mile N of Stewart, MN		prob. invest. 1
MPCAB	06UM006		Buffalo Creek; Downstream of Zero Ave, ~3miles SE of Lester Prarie, MN		prob. invest. 1

Aquatic life      NS      <>Chloride FS 3/91[6] DO12 -- 11/96[7] DO5\_9am NS 1/7[3] DO5\_All NS 10/74[7] DO7 FS 1/22[5] !!!DOFinal NS[[4]] =pH FS 0/194[7] \$Turbid\_TT\_TSS NS 22/70[7](22/70[7] 135/383[9] 10/56[4]) +Un-ionzed ammonia FS 0/34[2]  
 Aquatic recreation      NS      !!!E. coli NS 5/31Ind 3/3mo  
 Ecoregion norms      EX      =BOD5 OK 1/36[4] =NO2&NO3 EX 97/179[7] =Phosphorus EX 36/68[6]

07010205-502	5A	34.4	Buffalo Creek	Headwaters to JD 15	2B, 3B
MNPCA1	S002-017		buffalo ck on csah-24 (no. of cr-56) 4 mi ne of buffalo lake		SFCROW-L 19
MNPCA1	S002-017		buffalo ck on csah-24 (no. of cr-56) 4 mi ne of buffalo lake		CWPCROWR 63
MPCAB	00UM049		Buffalo Creek; upstream of 440th St.		biocriteria 1
MPCAB	01UM003		Buffalo Creek; Upstream of CR 78, 5 mi. SE of Lake Lillian		prob. invest. 1
MPCAB	01UM004		Buffalo Creek; 1 mi. South of CR11, where stream crosses township road		prob. invest. 1
MPCAB	07UM103		Buffalo Creek; Upsteram of CR 63, 4 mi. W of Churchill		ref. ditches 1

Aquatic life      NS      =Chloride FS 0/29[5] DO12 -- 2 75[7] DO5\_All FS 2/60[7] DO7 FS 0/15[4] +DOFinal IF[[1]] =pH FS 0/162[7] !!!Turbid\_TT\_TSS NS 10/62[7](10/62[7] --/--[--] 0/44[4]) +Un-ionzed ammonia FS 0/12[1]  
 Aquatic recreation      NS      !!!E. coli NS 5/31Ind 2/3mo  
 Ecoregion norms      EX      =BOD5 OK 1/31[3] =NO2&NO3 EX 38/70[7] =Phosphorus OK 1/38[5]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
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 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010205-508	5B	30.8	Crow River, South Fork	Buffalo Cr to N Fk Crow R	2B, 3B
MCES	Crow River South Fork	20.3	Crow River South Fork on Hwy-7		94
MNPCA1	S000-165		s fk Crow River sh-7 1 mi. n of mayer		8
MNPCA1	S000-165		s fk Crow River sh-7 1 mi. n of mayer	CWPCROWR	46
MNPCA1	S000-165		s fk Crow River sh-7 1 mi. n of mayer	MDAWQMP	15
MNPCA1	S000-165		s fk Crow River sh-7 1 mi. n of mayer	RNC	22
MNPCA1	S000-165		s fk Crow River sh-7 1 mi. n of mayer	CCWOMP	10
MNPCA1	S001-255		sf crow r, br at bridge ave in delano	CSMP	21
MNPCA1	S001-255		sf crow r, br at bridge ave in delano	CWPCROWR	78
MNPCA1	S001-255		sf crow r, br at bridge ave in delano	LOADSTDY	8
MNPCA1	S001-255		sf crow r, br at bridge ave in delano	NFLCROW	20
MNPCA1	S001-255		sf crow r, br at bridge ave in delano	RNC	1
MNPCA1	S001-512		s fk crow r at eastwood ave brg, 3 mi ssw of delano	CSMP	26
MNPCA1	S001-730		s fk crow r at csah 30, 1.5 mi w of mayer, mn	CSMP	8
MNPCA1	S001-731		s fk crow r at br on csah 32, 2.5 mi se of new germany, mn	CSMP	8
MNPCA1	S001-800		crow r, s fk at mn-25 brg, 2 mi s of watertown	CSMP	7
MNPCA1	S001-801		Crow River, s fk at old mill park in watertown	CSMP	101
MNPCA1	S001-827		crow r s fk, e of cr-123, 2 mi n of mayer	CARVER-L	10
MNPCA1	S001-827		crow r s fk, e of cr-123, 2 mi n of mayer	CCWOMP	37
MNPCA1	S001-827		crow r s fk, e of cr-123, 2 mi n of mayer	CSMP	156
MNPCA1	S003-629		crow r, s fk, at co rd33, 4.3 mi se of lester prairie, mn	CSMP	16
MNPCA1	S003-629		crow r, s fk, at co rd33, 4.3 mi se of lester prairie, mn	CCBEVENS	14
MNPCA1	S003-629		crow r, s fk, at co rd33, 4.3 mi se of lester prairie, mn	CARVER-L	10
MPCAB	99UM010		South Fork Crow River; ~1.0 mi. N. of Hwy. 7, .5 mi. W. of Hwy. 25, 2.0 mi. N. of Mayer	emap/nutrients	1

Aquatic life      NS      =Chloride NS 2/211[8] DO12 -- 8/133[8] DO5\_9am NS 2/18[4] DO5\_All FS 8/110[8] DO7 FS 0/23[7] !!!DOFinal NS[[3]] =pH FS 2/238[7] \$Turbid\_TT\_TSS NS 57/163[9](57/163[9] 222/328[8] 12/72[4]) +Un-ionzed ammonia FS 0/50[5]  
 Aquatic recreation      NS      !!!E. coli NS 3/42Ind 4/6mo  
 Ecoregion norms      EX      =BOD5 EX 40/48[4] =NO2&NO3 EX 150/170[8] =Phosphorus EX 137/143[8]

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07010205-510	5B	17.8	Crow River, South Fork	Hutchinson Dam to Bear Cr	2B, 3B
MNPCA1	S000-051		s fk crow r. sh-22 1 mi nw of biscay		SULDIS 3
MNPCA1	S000-353		s fk crow r at mn-15 in hutchinson		CWPCROWR 51
MNPCA1	S000-395		s fk crow r at e/w road in s31 2 mi se of biscay		CWPCROWR 32
MNPCA1	S001-514		s fk crow r at csah-8 brg, 1.5 mi se of hutchinson		CSMP 91
MNPCA1	S001-515		s fk crow r near 5th avenue in hutchinson		CSMP 36
MNPCA1	S001-806		s fk crow r, hutch brg at cr-14, 1/3 mi n of hutchinson		CSMP 155
MNPCA1	S001-844		s fk crow r at mn-15 at hutchinson		CSMP 81
MNPCA1	S001-845		s fk crow r at csah-22 at hutchinson		CSMP 86

Aquatic life NS =Chloride FS 0/53[4] DO12 -- 2 49[3] DO5\_All FS 1/33[3] DO7 FS 1/16[3] +DOFinal IF[[2]] =pH FS 0/94[3] \$Turbid\_TT\_TSS NS 161/325[8](2/19[3] 153/258[8] 6/48[2]) +Un-ionzed ammonia FS 0/55[3]

Ecoregion norms EX +NO2&NO3 EX 23 84[4] =Phosphorus EX 10/53[4]

07010205-511	5B	13.8	Crow River, South Fork	Bear Cr to Otter Cr	2B, 3B
MNPCA1	S001-443		south fork crow r .5 mi se of lester prairie, mn		CWPCROWR 58
MNPCA1	S001-443		south fork crow r .5 mi se of lester prairie, mn		CSMP 176

Aquatic life NS =Chloride FS 0/39[3] DO12 -- 3/51[3] DO5\_All FS 2/35[3] DO7 FS 1/16[3] +DOFinal IF[[2]] =pH FS 1/100[3] \$Turbid\_TT\_TSS FS 2/20[3](2/20[3] 90/176[8] 18/74[3]) +Un-ionzed ammonia FS 0/25[2]

Ecoregion norms EX +NO2&NO3 EX 17/57[3] =Phosphorus EX 25/55[3]

07010205-513	3A	11.3	Judicial Ditch 15	T115 R32W S32, west line to Buffalo Cr	7
MNPCA1	S002-016		jd #15, 2 mi w of csah-20, 3 1/2 mi ne of buffalo lake		CWPCROWR 77
MNPCA1	S002-016		jd #15, 2 mi w of csah-20, 3 1/2 mi ne of buffalo lake		SFCROW-L 19
MPCAB	00UM051		Judicial Ditch # 15; downstream of 550th St.		biocriteria 1

Limited Use Waters NS +Chloride FS 0/39[6] DO12 -- 0/88[7] DO5\_9am FS 0/1[1] DO5\_All FS 0/69[7] DO7 FS 0/19[5] +DOFinal IF[[1]] !!!E. coli NS 4/28Ind 1/3mo +pH FS 0/178[7] +Un-ionzed ammonia FS 0/9[1]

07010205-524	3A	2.8	Crane Creek	T117 R27W S36, north line to S Fk Crow R	2C
MNPCA1	S004-231		crane ck at csah-30, 2 mi sw of new germany		CRANECK 9
MNPCA1	S004-231		crane ck at csah-30, 2 mi sw of new germany		CARVER-L 5

Ecoregion norms EX +Phosphorus EX 9/14[3]

07010205-535	3A	2.2	Unnamed creek (Eagle Lake Outlet)	Eagle Lk to Unnamed cr	2B, 3B
MNPCA1	S002-498		eagle lk outlet at vega av, 3.4 mi nw of norwood yng america		CARVERLK 13
MNPCA1	S002-498		eagle lk outlet at vega av, 3.4 mi nw of norwood yng america		CARVER-L 9
MNPCA1	S002-498		eagle lk outlet at vega av, 3.4 mi nw of norwood yng america		CARVERCK 22

Aquatic life FS +Turbid\_TT\_TSS FS 0/31[4](0/7[1] 0/24[4] --/--[--])

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo



AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010205-540	5B	50.9	Crow River, South Fork	Headwaters to Hutchinson Dam	2B, 3B
MNPCA1	S000-575		s fk crow r at road btn s7/12 3 mi ne of cosmos		CROWRW-S 30
MNPCA1	S001-440		s fork crow r 5.5 mi w of hutchinson		CSMP 175
MNPCA1	S001-513		s fk crow r at school rd brg in hutchinson		CSMP 5
MNPCA1	S002-014		s fk crow r on cr-59, 1 mi w of otter lk, 3 mi w hutchinson		CWPCROWR 43
MNPCA1	S002-014		s fk crow r on cr-59, 1 mi w of otter lk, 3 mi w hutchinson		SULDIS 3
MNPCA1	S002-015		s fk crow r on mn-7, 1/2 mi e of cosmos		CWPCROWR 45
MNPCA1	S002-015		s fk crow r on mn-7, 1/2 mi e of cosmos		MDAWQMP 16
MNPCA1	S002-048		crow r, s fk at harmony ln in hutchinson		CSMP 9
MNPCA1	S002-049		crow r, s fk at csah-17 brg, 2.25 mi ne of lake lillian		CSMP 64
MNPCA1	S004-310		so fk crow r (jd#1) brg by cty park #2, 8 mi nw lake lillian		CSMP 14
MNPCA1	S004-749		crow r sf (l kandiyohi lk otl) at csah-8 7 mi se of willmar		CSMP 6
MNPCA1	S004-752		crow r, sf at mn-7, 1.5 mi se of lk lillian		CSMP 4
MNPCA1	S004-753		crow r, sf at csah-2, 4 mi sw of cosmos		CSMP 7
MNPCA1	S004-784		crow r, s fk, at csah-4, 2.6 mi ne of lk lillian, mn		CSMP 8
MPCAB	00UM048		South Fork Crow River; along 210th Ave. SE		biocriteria 2
MPCAB	00UM053		South Fork Crow River; at Hwy 7 in Cosmos		biocriteria 1
MPCAB	99UM070		South Fork Crow River; Downstream of CR. 82, 1.0 mi. S. of CR. 14, 4.0 mi. S.W. of Hutchinson		EMAP 1

Aquatic life NS =Chloride FS 0/63[4] DO12 -- 4/45[5] DO5\_9am FS 0/2[2] DO5\_All NS 4/33[4] DO7 FS 0/12[3] !!!DOFinal NS[[1]] =pH FS 0/84[5] \$Turbid\_TT\_TSS NS 179/364[10](2/12[5] 162/288[10] 15/64[2]) +Un-ionzed ammonia FS 0/24[2]

Ecoregion norms EX +NO2&NO3 EX 24/108[9] =Phosphorus EX 9/70[9]

07010205-556	2	3.0	County Ditch 24A	Unnamed ditch to S Fk Crow R	2B, 3B
MNPCA1	S003-553		crow r, s fk, at csah 8 in lake lillian, mn		CSMP 40

Aquatic life FS =Turbid\_TT\_TSS FS 3/40[2](--/--[2] 3/40[2] --/--[2])

07010205-582		2.3	State Ditch #1	Lk Lillian Big Kandiyohi Lk	2B, 3B
MNPCA1	S004-750		st dtch no. 1 at csah-8, 1.5 mi nw of lk lillian		CSMP 5
MNPCA1	S004-750		st dtch no. 1 at csah-8, 1.5 mi nw of lk lillian		SHELRV-S 11

Aquatic life IF +pH FS 0/22[2] +Un-ionzed ammonia FS 0/6[2]

Aquatic recreation IF +E. coli IF 0/9Ind 0/0mo

Ecoregion norms OK +Phosphorus OK 0/11[2]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

**HUC: 07010206      DNR Major: 20      HUC NAME: MISSISSIPPI RIVER**

07010206-501	5B	3.6	Mississippi River	L & D #2 to St Croix R (RM 815.2 to 811.3)	2B, 3B
MCES	Mississippi River 812.8		Mississippi River below Hwy-61 near marina in Hast		18
MCES	Mississippi River 813.9		Mississippi River near Hwy-61 in Hastings		18
MNPCA1	S003-897		miss r 1.1 mi upst of confluence, 1.3 mi ne of hastings, mn	CSMP	13
MPCAB	07UM381		Mississippi River; Hastings, MN	EMAP-GRE	1

Aquatic life      FS      =Chloride FS 0/58[6] DO12 -- 0/79[7] DO5\_9am FS 0/6[3] DO5\_All FS 0/44[7] DO7 FS 0/35[6] +DOFinal IF[[5]] =pH FS 0/160[7] \$Turbid\_TT\_TSS FS 2/32[6](1/19[4] 1/13[2] --/--[--]) +Un-ionized ammonia FS 0/77[6]

Ecoregion norms      OK      =NO2&NO3 OK 5/59[7] =Phosphorus OK 1/59[7]

07010206-502	5B	14.5	Mississippi River	Rock Island RR bridge to L & D #2 (RM 830 to 815.2)	2B, 3B
MCES	Mississippi River 815.6		Mississippi River above Lock and Dam No. 2		346
MCES	Mississippi River 821.8		Mississippi River at Grey Cloud Daymark		26
MCES	Mississippi River 826.7		Mississippi River at Camus Gravel Pit on Grey Cloud Island		423
MNPCA1	S000-068		Mississippi River at lock and dam #2 at hastings		9
MNPCA1	S000-068		Mississippi River at lock and dam #2 at hastings	LKPEPIN	3
MNPCA1	S000-068		Mississippi River at lock and dam #2 at hastings	MERCLKS/	2
MNPCA1	S000-068		Mississippi River at lock and dam #2 at hastings	MILE	48
MNPCA1	S000-339		mississippi r shiely co. dock, grey cloud island	MILE	45
MNPCA1	S000-339		mississippi r shiely co. dock, grey cloud island	LKPEPIN	4
MNPCA1	S000-339		mississippi r shiely co. dock, grey cloud island		9
MNPCA1	S001-963		Mississippi River 2.5 mi nw of hastings	MERCLKS/	2
MPCAB	07UM397		Mississippi River; 4 miles South of Cottage Grove	EMAP-GRE	1

Aquatic life      NS      +Arsenic FS 0/6[3] =Chloride FS 0/320[9] +Chromium FS 0/6[3] +Copper FS 0/6[3] DO12 -- 1/768[11] DO5\_9am FS 0/224[9] DO5\_All FS 1/377[9] DO7 FS 0/391[11] +DOFinal IF[[10]] +Lead FS 0/6[3] \$Mercury FS 0/6[3] +Nickel FS 0/6[3] =pH FS 0/974[11] \$Turbid\_TT\_TSS NS 59/335[10](59/335[10] 0/2[2] 0/4[2]) +Un-ionized ammonia FS 2/550[10] +Zinc FS 0/6[3]

Aquatic recreation      FS      +E. coli FS 0/29Ind 0/2mo

Ecoregion norms      OK      <>BOD5 OK 0/167[9] <>NO2&NO3 OK 4/84[8] <>Phosphorus OK 2/189[10]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010206-503	5B	5.6	Mississippi River	Lower St Anthony Falls to L & D #1 (RM 853.3 to RM 847	2B, 3B
MCES	Mississippi River 847.7		Mississippi River above Lock and Dam No. 1		356
MNPCA1	S001-303		miss r at mpls, blw rr br dwnst of 10th ave br	CSMP	161
MNPCA1	S004-141		mississippi r, 0.2 mi dwnstrm of ford parkway in st. paul	MERCLKS/	2
MNPCA1	S004-655		mississippi r at River mile 852.2 at um rowing club in mpls	MWMO	310
MNPCA1	S004-656		mississippi r at River mi 849.9 at the lake st brg in mpls	MWMO	309
MNPCA1	S004-657		mississippi r at r mile 848.2, off 4300 w r prkway in mpls	MWMO	303

Aquatic life FS =Chloride FS 0/150[7] DO12 -- 0/417[11] DO5\_9am FS 0/50[7] DO5\_All FS 0/238[10] DO7 FS 0/179[11] +DOFinal IF[[11]] =pH FS 1/888[11] =Turbid\_TT\_TSS FS 1/242[7](1/242[7] 15/277[11] 0/2[1]) +Un-ionzed ammonia FS 0/237[7]

Aquatic recreation FS \$E. coli FS 8/302Ind 0/7mo

Ecoregion norms EX =BOD5 EX 17/151[7] =Phosphorus OK 7/150[8]

07010206-504	5B	4.8	Mississippi River	Metro WWTP to Rock Island RR bridge (RM 835 to 830)	2C, 3C
MCES	Mississippi River 831		Mississippi River near 4th St in Newport		451
MNPCA1	S000-133		mississippi r. s of st. paul	MERCLKS/	2
MPCAB	99UM017		Mississippi River; Saint Paul Park/Pool 2, ~1 mi. S.W. of Newport	EMAP	2

Aquatic life NS =Chloride FS 0/151[7] DO12 -- 0/446[11] DO5\_9am FS 0/108[9] DO5\_All FS 0/214[9] DO7 FS 0/232[11] +DOFinal IF[[10]] =pH FS 0/896[11] \$Turbid\_TT\_TSS NS 37/282[8](37/282[8] --/--[0] 0/1[1]) +Un-ionzed ammonia FS 0/239[7]

Ecoregion norms EX =BOD5 EX 24/152[7] =Phosphorus EX 105/152[8]

07010206-505	5B	8.4	Mississippi River	Minnesota R to Metro WWTP (RM 844 to 835)	2B, 3B
MCES	Mississippi River 836.8		Pier at Westway Trading Corp. (formerly Industrial Molasses)		51
MCES	Mississippi River 839.1		Mississippi River at Jackson St Lambert's Landing		340
MNPCA1	S000-266		miss r at dock upstrm of wabasha st br, st. paul		9
MNPCA1	S000-266		miss r at dock upstrm of wabasha st br, st. paul	MILE	50
MNPCA1	S001-236		miss r at lamberts landing, st. paul	MERCLKS/	2
MPCAB	07UM373		Mississippi River; 0.5 miles E of Interstate 35E, 0.5 miles S of State Route 5 in St. Paul/West St. Paul	EMAP-GRE	1

Aquatic life NS =Chloride FS 0/157[8] DO12 -- 2 426[11] DO5\_9am FS 0/16[4] DO5\_All FS 1/196[9] DO7 FS 1/230[11] +DOFinal IF[[10]] =pH FS 0/820[11] \$Turbid\_TT\_TSS NS 64/298[10](64/298[10] --/--[0] 0/4[2]) +Un-ionzed ammonia FS 0/278[10]

Aquatic recreation IF \$E. coli IF 1/31Ind 0/3mo

Ecoregion norms EX =BOD5 EX 18/165[9] =NO2&NO3 EX 36/43[8] =Phosphorus EX 44/180[10]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

07010206-506	5B	11.2	Shingle Creek (County Ditch 13)	Headwaters (Eagle Cr/Bass Cr) to Mississippi R	2B, 3B
MNPCA1	S001-371		shingle ck about 200 ft upst of miss at weber park, mpls		CSMP 20
MNPCA1	S001-946		shingle cr at 45th ave & rr track, mpls, mn		CSMP 68
MNPCA1	S001-946		shingle cr at 45th ave & rr track, mpls, mn		SHINGLEC 53
MNPCA1	S003-643		shingle ck dwnstrm of i-94/694 bridge in brooklyn center		SHINGLEC 15
MNPCA1	S003-644		Shingle Creek at zane avenue in brooklyn park		SHINGLEC 46
MNPCA1	S003-646		Shingle Creek at east end of northland ct in brooklyn park		SHINGLEC 19
MNPCA1	S003-651		Shingle Creek at xerxes avenue north in brooklyn park		SHINGLEC 2
MNPCA1	S004-274		shingle ck just no. of 75th ave in brooklyn park		CSMP 10
MNPCA1	S005-331		shingle cr at brooklyn blvd in brooklyn pk, mn		SHINGLEC 2
MNPCA1	S005-332		shingle cr at 69th ave in brooklyn ctr, mn		SHINGLEC 2
MNPCA1	S005-333		shingle cr at brooklyn blvd in brooklyn pk, mn		SHINGLEC 2
MNPCA1	S005-335		shingle cr at queen ave in brooklyn ctr, mn		SHINGLEC 2
MPCAB	00UM069		Shingle Creek; upstream of Queen Ave. bridge		biocriteria 1

Aquatic life NS \$Chloride NS 56/238[10] DO12 -- 38/121[10] DO5\_9am NS 7/11[5] DO5\_All NS 36/69[9] \$DO7 FS 2/52[10] \$DOFinal NS[[8]] =pH FS 0/248[10] !!!Turbid\_TT\_TSS NS 18/135[7](0/1[1] 16/100[6] 2/34[1]) +Un-ionzed ammonia FS 0/118[10]

Ecoregion norms EX =NO2&NO3 EX 62/120[10] <>Phosphorus EX 13/125[10]

07010206-508	5C	21.1	Elm Creek	Headwaters (Lk Medina 27-0146-00) to Mississippi R	2B, 3B
MNPCA1	S003-440		elm ck upst of dam w of annapolis lane n in maple grove, mn		CSMP 55
MNPCA1	S003-441		elm ck dnst of dam off annapolis lane n in maple grove, mn		CSMP 49
MNPCA1	S003-483		elm ck at dock s of csah-30 in maple grove, mn		CSMP 95
MNPCA1	S004-220		elm ck at cartway rd brg in champlin		CSMP 19
MNPCA1	S004-221		elm ck at walking brg, n of hayden lake rd w in champlin		CSMP 20
MNPCA1	S004-222		elm ck at elm ck brg, 1 mile sw of dayton		CSMP 20
MNPCA1	S004-543		elm ck at brg on medicine lk regional trail off 77th st		ELMRD-S 36
MNPCA1	S004-544		elm ck at elm rd brg in maple grove		ELMRD-S 49
MNPCA1	S004-545		elm ck at sioux dr culvert in hamel		ELMRD-S 56
MPCAB	00UM085		Elm Creek; upstream of bridge on Elm Creek Road		biocriteria 1
MPCAB	99UM082		Elm Creek; upstream of USGS gauge		metro surveys 1

Aquatic life NS =Chloride FS 0/170[11] DO12 -- 14/134[11] DO5\_9am NS 1/5[4] DO5\_All NS 13/60[10] \$DO7 FS 1/74[11] \$DOFinal NS[[10]] =pH FS 2/360[11] =Turbid\_TT\_TSS FS 22/538[11](0/3[3] 14/163[5] 8/372[11]) +Un-ionzed ammonia FS 0/112[11]

Aquatic recreation NS !!!E. coli NS 0/38Ind 3/5mo

Ecoregion norms EX =NO2&NO3 EX 56/172[11] =Phosphorus EX 83/172[11]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

07010206-509	5B	12.0	Mississippi River	Coon Cr to Upper St Anthony Falls	1C, 2Bd, 3C
MCES	Mississippi River 862.8		Mississippi River at St. Paul Waterworks in Fridley		270
MNPCA1	S000-024		mississippi r mpls waterworks intake at fridley		9
MNPCA1	S000-024		mississippi r mpls waterworks intake at fridley	MILE	47
MNPCA1	S003-017		Mississippi River at camden boat launch	PEARL-L	16
MNPCA1	S004-652		mississippi r at River mile 859.1 off lyndale and 53rd ave.	MWMO	305
MNPCA1	S004-653		mississippi r at River mile 857.8 at miss pk and boat launch	MWMO	308
MNPCA1	S004-654		mississippi r at River mile 854.9 at north loop on west bank	MWMO	310

Aquatic life FS =Chloride FS 0/28[4] DO12 -- 0/466[11] DO5\_9am FS 0/49[9] DO5\_All FS 0/278[10] DO7 FS 0/188[11] +DOFinal IF[[11]] =pH FS 1/872[11] =Turbid\_TT\_TSS FS 7/257[11](7/257[11] 0/112[4] 0/3[2]) +Un-ionzed ammonia FS 0/255[11]

Aquatic recreation NS !!!E. coli NS 8/338Ind 1/7mo

Drinking Water FS +Nitrate FS 0/5[2] +Nitrite FS 0/6[2] +NO2&NO3 FS 0/46[8]

Ecoregion norms EX +BOD5 EX 2/12[3] =Phosphorus OK 3/40[8]

07010206-519	5A	5.3	Clearwater Creek	Bald Eagle Lk to Peltier Lk	2B, 3B
MNPCA1	S003-042		clearwater ck s of cr-14 (main st) in centerville	ANOKA	6
MNPCA1	S003-042		clearwater ck s of cr-14 (main st) in centerville	RICECKWD	94
MPCAB	00UM084		Clearwater Creek; upstream of county road 14 in Centerville	biocriteria	2
MPCAB	00UM084		Clearwater Creek; upstream of county road 14 in Centerville	TMDL	1
MPCAB	07UM095		Clearwater Creek; Upstream of CR 84, 1.5 mi. E of Centerville	ref. ditches	1
MPCAB	07UM102		Clearwater Creek; Upstream of Peltier Lake Dr, in Centerville	TMDL	1
MPCAB	99UM104		Clearwater Creek; upstream of Mill Road	metro surveys	1

Aquatic life NS DO12 -- 5/47[7] DO5\_9am NS 4/13[3] DO5\_All NS 5/33[7] DO7 FS 0/14[4] !!!DOFinal NS[[3]] =pH FS 3/46[8] !!!Turbid\_TT\_TSS NS 23/153[10](0/9[6] 0/16[2] 23/128[7])

Ecoregion norms EX +NO2&NO3 EX 11/15[5] =Phosphorus EX 35/87[8]

07010206-522	2	1.1	County Ditch 2	1st St SW (New Brighton) to Pike Lk	2B, 3B
MNPCA1	S003-053		ramsey co dt 2 s of 7th st at hanson park in new brighton	RICECKWD	58
MPCAB	99UM100		Lake Jones outlet; city park in New Brighton	metro surveys	1

Aquatic life FS =Turbid\_TT\_TSS FS 7/107[4](0/1[1] --/--[ ] 7/106[4])

Ecoregion norms EX +NO2&NO3 EX 4/10[1] =Phosphorus EX 12/55[4]

07010206-525	3A	5.9	Diamond Creek	Headwaters (French Lk 27-0127-00) to Unnamed lk	2B, 3B
MNPCA1	S004-536		diamond ck at zanzibar lane brg in dayton	ELMRD-S	36
MNPCA1	S004-537		diamond ck at culvert under s diamond lk rd in dayton	ELMRD-S	35
MNPCA1	S004-538		diamond ck at paved bike tr on n end of elm ck pk in dayton	ELMRD-S	37
MPCAB	99UM085		Diamond Creek; Elm Creek Park Reserve	metro surveys	1

Aquatic life NS DO12 -- 11/21[3] DO5\_9am NS 1/1[1] DO5\_All NS 10/16[3] DO7 NS 1/5[2] !!!DOFinal NS[[0]] +pH FS 0/42[3]

Aquatic recreation NS !!!E. coli NS 5/39Ind 4/5mo

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07010206-526</b>	<b>3A</b>	<b>5.9</b>	<b>Unnamed creek</b>	<b>Headwaters to Medicine Lk</b>	<b>2B, 3B</b>
MNPCA1	S005-012		unn str (plymouth ck) e of teakwood ln in plymouth		BASSETT 9
MNPCA1	S005-346		unn ck (plymouth ck) just w of fernbrook ln n in plymouth		THREERIV 116
MNPCA1	S005-351		unn str (plymouth ck), just e of teakwood ln in plymouth		THREERIV 44
MNPCA1	S005-352		unn str (plymouth ck) at medicine lk dr w in plymouth		THREERIV 66
MPCAB	00UM068		trib. to Medicine Lake; downstream of 26th Ave. N.		biocriteria 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 34/319[9](0/1[1] --[--] 34/318[8])  
 Aquatic recreation IF +E. coli IF 1/9Ind 0/0mo

<b>07010206-527</b>	<b>5C</b>	<b>3.1</b>	<b>Bass Creek</b>	<b>Headwaters (Bass Lk 27-0098-00) to Eagle Cr</b>	<b>2B, 3B</b>
MNPCA1	S003-647		bass ck dwnstrm 62nd av no, border of brooklyn park/new hope		SHINGLEC 16
MNPCA1	S005-334		bass cr at boone ave, 1.2 mi nw of new hope, mn		SHINGLEC 2
MPCAB	00UM100		Bass Creek; Bass Creek Park W. of Boone Ave in Brooklyn Park		metro surveys 1

Aquatic life NS !!!Chloride NS 7/16[2]

<b>07010206-528</b>	<b>5C</b>	<b>16.9</b>	<b>Rush Creek</b>	<b>Headwaters to Elm Cr</b>	<b>2B, 3B</b>
MNPCA1	S004-539		rush ck at territorial rd brg in maple grove		ELMRD-S 37
MNPCA1	S004-540		rush ck at csah-116 in hassan twsp, 2.5 mi s of rogers		ELMRD-S 35
MNPCA1	S004-541		rush ck at trail haven rd in corcoran		ELMRD-S 21
MPCAB	07UM097		Rush Creek; Upstream of CR 117, 4 mi. E of Hanover		ref. ditches 1
MPCAB	99UM081		Rush Creek; Elm Creek Park Reserve Group Camp		metro surveys 1

Aquatic life NS DO12 -- 12 22[3] DO5\_All NS 11/17[3] DO7 NS 1/5[2] !!!DOFinal NS[[0]] +pH FS 0/44[3]  
 Aquatic recreation NS !!!E. coli NS 1/35Ind 1/4mo

<b>07010206-530</b>	<b>5C</b>	<b>24.6</b>	<b>Coon Creek</b>	<b>Unnamed cr to Mississippi R</b>	<b>2B, 3B</b>
MNPCA1	S003-993		coon cr at vale st brg in coon hollow area in coon rapids		ANOKA 32
MNPCA1	S003-994		coon cr at crosstown blvd (andover hs) in andover		ANOKA 6
MNPCA1	S003-994		coon cr at crosstown blvd (andover hs) in andover		CSMP 1
MNPCA1	S004-171		coon ck, n of csah-11 in lions coon ck park in coon rapids		ANOKA 17
MNPCA1	S004-620		coon ck on ped trail, just n of bunker lk blvd, in andover		ANOKA 16
MNPCA1	S005-257		coon ck at 131st ave in coon rapids		ANOKA 1
MNPCA1	S005-258		coon ck at egret blvd in coon rapids		ANOKA 1
MNPCA1	S005-259		coon ck at mn-65 in ham lake		ANOKA 1
MPCAB	00UM059		Coon Creek; downstream of Hwy 65		biocriteria 2
MPCAB	00UM064		Coon Creek; in Erlanson Nature Center by 111th Ave. NW		biocriteria 1

Aquatic life NS +Chloride FS 0/61[4] DO12 -- 0/38[5] DO5\_9am FS 0/2[2] DO5\_All FS 0/28[5] DO7 FS 0/10[4] +DOFinal IF[[0]] +pH FS 1/76[6] !!!Turbid\_TT\_TSS NS 11/42[6](11/42[6] --[--] --[--])  
 Ecoregion norms EX +Phosphorus EX 8/33[5]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]						#Sample Dates

<b>07010206-531</b>	<b>3A</b>	<b>39.2</b>	<b>Lake Minnetonka</b>	<b>Lk Minnetonka (27-0133-00)</b>	<b>2B, 3B</b>
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MNPCA1	S003-721		unn trib to forest l at w branch rd, orono, minnesota				MCWD	79
Aquatic life	NS	DO12 -- 23/72[4]	DO5_9am NS 8/11[3]	DO5_All NS 22/47[4]	DO7 FS 1/25[4]	!!!DOFinal NS[[3]]	+pH FS 5/134[4]	+Turbid_TT_TSS FS 8/104[4](--/--[--] --/--[--] 8/104[4])
Ecoregion norms	EX	+Phosphorus EX 25/41[2]						

<b>07010206-538</b>	<b>5A</b>	<b>12.7</b>	<b>Bassett Creek</b>	<b>Medicine Lk to Mississippi R</b>	<b>2B, 3B</b>
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MCES	Bassett Creek 1.9		Bassett Creek at Irving Ave N, Minneapolis					106
MNPCA1	S001-339		bassett ck at csah-156 br in golden valley, mn				CSMP	100
MNPCA1	S001-953		basset cr on dresden ln in golden valley, mn				CSMP	78
MNPCA1	S001-977		bassett cr se of wirth lk in golden valley, mn				CSMP	14
MNPCA1	S003-901		bassett ck at westbrook rd in golden valley, mn				CSMP	43
MNPCA1	S005-013		bassett ck at rhode island ave n in golden valey				BASSETT	9
MNPCA1	S005-015		bassett ck just s of 29th ave n in golden valley				BASSETT	9
MNPCA1	S005-016		bassett ck just e of bassett ck dr in golden valley				BASSETT	9
MNPCA1	S005-017		bassett ck at irving ave n in minneapolis				BASSETT	9
MNPCA1	S005-017		bassett ck at irving ave n in minneapolis				MDAWQMP	12
MNPCA1	S005-348		bassett ck (medicine lk otlt) at s shore dr in golden valley				THREERIV	3
MPCAB	00UM105		Bassett Creek; downstream of Penn Ave. N				metro surveys	1
MPCAB	00UM105		Bassett Creek; downstream of Penn Ave. N				TMDL	1
MPCAB	08UM074		Bassett Creek; Downstream of Hwy 55 in Golden Valley				TMDL	1
MPCAB	97UM006		Bassett Creek; at Dresden Lane in Golden Valley, MN				TMDL	1

Aquatic life	NS	!!!Chloride NS 13/101[8] =Turbid_TT_TSS FS 2/98[9](2/98[9] 14/217[10] 0/6[1])					
Aquatic recreation	NS	!!!E. coli NS 2/34Ind 3/4mo					
Ecoregion norms	EX	+Phosphorus EX 2/14[2]					

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010206-539	5A	21.2	Minnehaha Creek	Lk Minnetonka to Mississippi R	2B, 3B
MCES	Minnehaha Creek 1.7		Minnehaha Creek at 32nd Ave S, Minneapolis		112
MNPCA1	S001-334		minnehaha ck at aquila avenue in st. louis pk, mn		CSMP 51
MNPCA1	S001-334		minnehaha ck at aquila avenue in st. louis pk, mn		MCWD 380
MNPCA1	S001-361		minnehaha ck under nicollet ave s br in mpls, mn		CSMP 141
MNPCA1	S001-362		minnehaha ck at walking br in mpls, mn		CSMP 101
MNPCA1	S001-368		minnehaha ck at xerxes avenue br in mpls, mn		MCWD 101
MNPCA1	S001-368		minnehaha ck at xerxes avenue br in mpls, mn		CSMP 48
MNPCA1	S001-375		MINNEHAHA CRook in minneapolis, mn		CSMP 100
MNPCA1	S001-429		minnehaha ck at bryant ave s foot brg in minneapolis		CSMP 244
MNPCA1	S003-730		minnehaha ck at i-494 in minnetonka, minnesota		MCWD 35
MNPCA1	S003-731		minnehaha ck at w 50th st, edina minnesota		MCWD 387
MNPCA1	S003-732		minnehaha ck at w 56th st, edina, minnesota		MCWD 88
MNPCA1	S003-733		minnehaha ck at chicago ave, minneapolis, minnesota		MCWD 273
MNPCA1	S003-734		minnehaha ck at hiawatha ave train brg, minneapolis, mn		MCWD 229
MNPCA1	S003-735		minnehaha ck at unn st, 0.4 mi n of groveland, minnesota		MCWD 343
MNPCA1	S003-738		minnehaha ck at csah-20, hopkins, minnesota		MCWD 39
MNPCA1	S003-739		minnehaha ck at csah-3, st. louis park, minnesota		MCWD 373
MNPCA1	S003-740		minnehaha ck at upton ave s, in minneapolis, minnesota		MCWD 270
MNPCA1	S003-740		minnehaha ck at upton ave s, in minneapolis, minnesota		CSMP 39
MNPCA1	S003-742		minnehaha ck at 32nd ave s, minneapolis, minnesota		MDAWQMP 13
MNPCA1	S003-742		minnehaha ck at 32nd ave s, minneapolis, minnesota		MCWD 273
MNPCA1	S003-743		minnehaha ck at i-494 ramp, in minnetonka, minnesota		MCWD 330
MNPCA1	S003-744		minnehaha ck at meadowbrook rd, st. louis park, minnesota		MCWD 8
MNPCA1	S003-745		minnehaha ck at louisiana ave s, st. louis park, minnesota		MCWD 1
MNPCA1	S003-746		minnehaha ck at yosemite ave s, st. louis park, minnesota		MCWD 7
MNPCA1	S003-773		minnehaha ck 0.4 mi upst of miss r in minneapolis, mn		CSMP 30
MNPCA1	S004-370		minnehaha ck at rr brg n of minnetonka blvd in minnetonka		MCWD 99
MNPCA1	S004-371		minnehaha ck at lyndale ave. in minneapolis		MCWD 75
MNPCA1	S004-372		minnehaha ck (l hiawatha outlet) at 28th st in minneapolis		MCWD 105
MNPCA1	S004-525		minnehaha ck upstrm of lk hiawatha inlet in minneapolis		MCWD 80
MNPCA1	S004-661		minnehaha ck, behind mtka city hall/civic ctr in minnetonka		CSMP 14
MPCAB	00UM099		Minnehaha Creek; Big Willow City Park in Minnetonka, downstream of RR		metro surveys 1

Aquatic life      NS      \$Chloride NS 58/217[8] DO12 -- 90/310[11] DO5\_9am NS 70/181[10] DO5\_All NS 77/215[10] DO7 NS 13/95[11] !!!DOFinal NS[[10]] +pH FS 11/612[11]  
 =Turbid\_TT\_TSS FS 2/104[10](2/104[10] 8/582[10] 4/466[11])  
 Aquatic recreation      NS      !!!E. coli NS 4/81Ind 3/5mo  
 Ecoregion norms      EX      +NO2&NO3 EX 66/66[1] +Phosphorus OK 2/80[4]



AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
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<b>07010206-551</b>	<b>3A</b>	<b>2.5</b>	<b>Sixmile Creek</b>	<b>Mud Lk to Lk Minnetonka</b>	<b>2B, 3B</b>
MNPCA1	S003-752		six mile ck at highland rd, 0.7 mi ese of st. bonifacius, mn		MCWD 277
MNPCA1	S004-374		sixmile ck near entrance to halstead bay		MCWD 2

Aquatic life NS +Chloride FS 0/5[1] DO12 -- 78/205[10] DO5\_9am NS 40/72[7] DO5\_All NS 71/149[8] DO7 NS 7 56[10] !!!DOFinal NS[[8]] +pH FS 7/400[10] +Turbid\_TT\_TSS FS 12/336[10](--/--[--] --/--[--] 12/336[10])

Aquatic recreation FS +E. coli FS 0/57Ind 0/5mo

Ecoregion norms EX +Phosphorus EX 27/51[2]

<b>07010206-552</b>	<b>3A</b>	<b>2.6</b>	<b>Unnamed creek</b>	<b>Unnamed lk to Bassett Cr</b>	<b>2B, 3B</b>
MNPCA1	S005-014		unn str upstr of adair ave and 32nd ave in golden valley		BASSETT 9
MPCAB	00UM094		unnamed trib. to Bassett Creek; @ 32nd Avenue in Crystal		biocriteria 1
MPCAB	00UM094		unnamed trib. to Bassett Creek; @ 32nd Avenue in Crystal		TMDL 1

Aquatic recreation IF +E. coli IF 2/9Ind 0/0mo

<b>07010206-557</b>	<b>5C</b>	<b>4.0</b>	<b>County Ditch 17</b>	<b>Headwaters to Mississippi R</b>	<b>2B, 3B</b>
MNPCA1	S003-783		unn trib to miss r at jefferson st in blaine, mn		CSMP 16
MNPCA1	S004-434		unn str at wetland inlet in the springbrook ck wtrshd		SPRBKCWP 9
MNPCA1	S004-437		unn str at university ave ne in the upper springbk wtrshd		SPRBKCWP 11
MNPCA1	S004-438		unn str (ditch #11) at outlet of springbrook wetland		SPRBKCWP 1
MNPCA1	S004-441		unn str in springbrook wetland, north side of wetland		SPRBKCWP 1
MPCAB	00UM061		trib. to Mississippi River; upstream of Riverview Terrace Rd., in Fridley		biocriteria 1
MPCAB	00UM086		unnamed trib. To Mississippi; downstream of C.R. 10 in Blaine		biocriteria 1
MPCAB	99UM110		trib. to County Ditch 17 (NW); NW corner of Spring Brook Nature Center		metro surveys 1

Aquatic life NS !!!Turbid\_TT\_TSS NS 5/47[5](0/3[2] 0/16[2] 5/28[2])

Ecoregion norms EX +NO2&NO3 EX 15/24[2] +Phosphorus EX 4/15[3]

<b>07010206-558</b>	<b>5C</b>	<b>2.2</b>	<b>Sand Creek</b>	<b>Unnamed cr to Coon Cr</b>	<b>2B, 3B</b>
MNPCA1	S004-619		sand ck at xeon st in coon rapids		ANOKA 16
MPCAB	00UM065		Sand Creek; upstream of Olive St.		biocriteria 2

Aquatic life IF +Chloride FS 0/15[2] +pH FS 0/32[4]

Ecoregion norms OK +Phosphorus OK 0/17[4]

<b>07010206-559</b>	<b>2</b>	<b>2.8</b>	<b>Unnamed ditch (Anoka County Ditch 53</b>	<b>Unnamed cr to Golden Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-056		anoka co dt 53-62 at Golden Lake rd culvert in circle pines		RICECKWD 43

Aquatic life FS =Turbid\_TT\_TSS FS 0/84[3](--/--[--] --/--[--] 0/84[3])

Ecoregion norms EX =Phosphorus EX 12/43[3]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010206-565</b>	<b>5C</b>	<b>2.3</b>	<b>Unnamed ditch (Ramsey/Washington Ju</b>	<b>Headwaters to Bald Eagle Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-029		ramsey/washington co jd-1 at spy glass rd in dellwood		RICECKWD 3
MNPCA1	S003-030		ramsey/washington co jd-1 at 117th st n in grant		RICECKWD 9
MNPCA1	S003-031		ramsey/washington co jd-1 at taylor ave in white bear twp		RICECKWD 84

Aquatic life NS DO12 -- 17/44[3] DO5\_All NS 16/31[3] \$DO7 FS 1/13[3] \$DOFinal NS[[3]] =pH FS 0/46[2] =Turbid\_TT\_TSS FS 2/146[5](--/--) --/--[2] 2/146[5])  
 Ecoregion norms EX +NO2&NO3 EX 2/10[1] =Phosphorus EX 30/72[5]

<b>07010206-568</b>	<b>5B</b>	<b>2.4</b>	<b>Mississippi River</b>	<b>NW city limits of Anoka to Rum R</b>	<b>1C, 2Bd, 3C</b>
MCES	Mississippi River 871.6		Mississippi River at Hwy 52/Hwy-169 in Anoka		336
MNPCA1	S000-025		Mississippi River at us-169 bridge at anoka		8
MNPCA1	S000-025		Mississippi River at us-169 bridge at anoka	RNC	35

Aquatic life FS =Chloride FS 0/75[7] DO12 -- 1/337[10] DO5\_9am FS 0/16[6] DO5\_All FS 1/192[9] DO7 FS 0/145[10] +DOFinal IF[[9]] =pH FS 0/718[11] =Turbid\_TT\_TSS FS 5/270[8](5/270[8] --/--[0] 0/1[1]) +Un-ionzed ammonia FS 0/244[7]  
 Aquatic recreation IF \$E. coli IF 0/8Ind 0/0mo  
 Drinking Water FS +Nitrate FS 0/148[7] +Nitrite FS 0/148[7] +NO2&NO3 FS 0/35[5]  
 Ecoregion norms EX =BOD5 OK 16/176[7] =Phosphorus EX 23/182[8]

<b>07010206-571</b>	<b>3B</b>	<b>4.3</b>	<b>Rice Creek</b>	<b>Headwaters (Howard Lk) to Peltier Lk</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S000-123		rice creek s.w. of Forest Lake		RICECKWD 16
MNPCA1	S003-036		rice ck at i-35w in lino lakes		RICECKWD 35

Aquatic life FS +pH FS 0/18[1] =Turbid\_TT\_TSS FS 2/37[3](--/--) --/--[2] 2/37[3])  
 Drinking Water FS +NO2&NO3 FS 0/7[1]  
 Ecoregion norms EX =Phosphorus EX 10/37[3]

<b>07010206-583</b>	<b>5A</b>	<b>6.1</b>	<b>Rice Creek</b>	<b>Unnamed lk (02-0041-00) to Long Lk</b>	<b>1C, 2Bd, 3C</b>
MNPCA1	S003-059		rice ck at lexington ave in shoreview		CSMP 73
MPCAB	00UM083		Rice Creek; upstream C.R. 10 @ Moundsvie		biocriteria 1
MPCAB	99UM105		Rice Creek; upstream of CR "I" in Ramsey Country open space		TMDL 1
MPCAB	99UM105		Rice Creek; upstream of CR "I" in Ramsey Country open space		metro surveys 1
MPCAB	99UM106		tributary to Rice Creek; Ramsey County open space, downstream of CR "H"		metro surveys 1
MPCAB	99UM107		Rice Creek; downstream of old Hwy 8 in Ramsey County open space		TMDL 1
MPCAB	99UM107		Rice Creek; downstream of old Hwy 8 in Ramsey County open space		metro surveys 1

Aquatic life NS +pH FS 0/12[3] !!!Turbid\_TT\_TSS NS 21/79[6](0/4[2] 21/75[4] --/--[2])

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010206-584	5C	5.8	Rice Creek	Long Lk to Locke Lk	1C, 2Bd, 3C	
MNPCA1	S001-388		rice ck in rice ck regional park in fridley		CSMP	46
MNPCA1	S003-776		rice ck w of central ave and 69th ave in fridley, mn		CSMP	34
MNPCA1	S003-996		rice cr at mn-65 in fridley		ANOKA	6
MNPCA1	S004-305		rice ck near cr-h/69th ave & silver lk rd, just e of fridley		CSMP	5
MPCAB	00UM060		Rice Creek; downstream of University Ave. (Hwy 47)		biocriteria	1
MPCAB	99UM108		Rice Creek; west end of Locke County Park in Fridley		metro surveys	1

Aquatic life      FS      +pH FS 0/16[6] <>Turbid\_TT\_TSS FS 9/93[10](0/7[6] 9/86[9] --/--[--])

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010206-592	5C	5.0	Battle Creek	Battle Creek Lk to Pigs Eye Lk	2B, 3B	
MCES	Battle Creek 2.2		Battle Creek 450m down from Hwy-61			77
MNPCA1	S002-409		battle ck at battle ck park in st. paul, mn		CSMP	85
MPCAB	00UM071		Battle Creek; N. of Pigs Eye Lake @ St. Paul Landfill		biocriteria	1
MPCAB	99UM075		Battle Creek; between RR yard and Hwy. 61		metro surveys	1
MPCAB	99UM076		Battle Creek; upstream of Roth St.		metro surveys	1

Aquatic life      NS      \$Chloride NS 16/65[7] =Turbid\_TT\_TSS FS 0/67[9](0/67[9] 0/82[4] --/--[--])

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010206-594	5C	3.7	Unnamed ditch	Headwaters to Mississippi R	2B, 3B	
MNPCA1	S003-995		unn cr (pleasure ck) corner 86th ave/miss blvd coon rapids		CSMP	1
MNPCA1	S003-995		unn cr (pleasure ck) corner 86th ave/miss blvd coon rapids		ANOKA	30
MNPCA1	S003-995		unn cr (pleasure ck) corner 86th ave/miss blvd coon rapids		CMB	3
MNPCA1	S005-263		unn str (pleasure ck) at 96th lane ne in blaine		ANOKA	9
MPCAB	00UM062		trib. to Mississippi River; downstream of East River Road		biocriteria	1

Aquatic life      NS      !!!Chloride NS 1/23[3] DO12 -- 1/29[5] DO5\_9am NS 1/3[2] DO5\_All FS 1/23[5] DO7 FS 0/6[4] +DOFinal IF[[0]] +pH FS 2/58[6] !!!Turbid\_TT\_TSS NS 3/30[6](3/30[6] 0/7[1] --/--[--])

Aquatic recreation      IF      +E. coli IF 4/14Ind 0/0mo

Ecoregion norms      OK      +Phosphorus OK 0/24[4]

AUID	Category	Miles	Reach Name	Reach Description	Use Class	#Sample Dates
07010206-595	5C	8.3	Hardwood Creek	Headwaters to Hwy 61	2B, 3B	
MNPCA1	S003-033		hardwood ck at n 157th st ne of hugo		RICECKWD	84
MNPCA1	S003-034		hardwood ck at n 170th st nne of hugo		RICECKWD	33
MNPCA1	S003-047		hardwood ck at harrow ave in forest lk twp		RICECKWD	88

Aquatic life      NS      =Chloride FS 0/16[1] DO12 -- 46/84[4] DO5\_All NS 38/52[4] \$DO7 NS 8/32[4] \$DOFinal NS[[3]] <>pH FS 9/122[3] =Turbid\_TT\_TSS FS 3/95[4](1/5[1] 2/52[3] 0/38[4]) !!!Un-ionized ammonia NS 3/24[1]

Ecoregion norms      EX      +NO2&NO3 EX 5/33[2] =Phosphorus EX 28/55[4]

**AUID**      **Category**      **Miles**      **Reach Name**      **Basin: UM**      **Reach Description**      **Use Class**      Date Printed: 3/4/2009  
 Agency      Station      Location      Project      #Sample  
 Assess Type      PreLim Assess      Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]      Dates

07010206-596	5A	5.4	Hardwood Creek	Hwy 61 to Peltier Lk	2B, 3B
MNPCA1	S003-032		hardwood ck at 20th ave (cr-21) in lino lakes		RICECKWD 121
MNPCA1	S003-041		hardwood ck at e 170th st n of hugo		RICECKWD 50
MNPCA1	S003-051		hardwood ck at w 170th st n of hugo		ANOKA 4
MNPCA1	S003-051		hardwood ck at w 170th st n of hugo		CSMP 1
MNPCA1	S003-051		hardwood ck at w 170th st n of hugo		RICECKWD 84
MNPCA1	S003-052		hardwood ck at hwy 61 n of hugo		RICECKWD 66
MNPCA1	S005-279		hardwood ck dwnstm of intersection of 170th st & fenway ave		ANOKA 1
MPCAB	06UM001		Hardwood Creek; Upstream of CR 4A, ~2miles NW of Hugo, MN (Rice Creek Watershed District site # H1.1)		prob. invest. 1
MPCAB	06UM002		Hardwood Creek; Upstream of 80th Ave/CR 4A, ~2miles NE of Centerville, MN (Rice Creek Watershed District site # H1.2)		prob. invest. 1
MPCAB	08UM072		Hardwood Creek; Downstream of 80th Ave, 2 mi. NW of Hugo		TMDL 2
MPCAB	08UM073		Hardwood Creek; Downstream of 165th St, 2 mi. NE of Centerville		TMDL 1
MPCAB	99UM103		Hardwood Creek; upstream of CR 21		TMDL 2
MPCAB	99UM103		Hardwood Creek; upstream of CR 21		prob. invest. 1
MPCAB	99UM103		Hardwood Creek; upstream of CR 21		metro surveys 1

Aquatic life      NS      =Chloride FS 0/32[1] DO12 -- 22 114[8] DO5\_9am NS 17/55[7] DO5\_All NS 18/70[8] \$DO7 FS 4/44[6] \$DOFinal NS[[6]] =pH FS 5/168[7] !!!Turbid\_TT\_TSS NS 20/192[8](4/13[5] 5/57[4] 11/122[7]) +Un-ionzed ammonia FS 0/48[1]

Ecoregion norms      EX      +NO2&NO3 EX 20/63[5] =Phosphorus EX 76/113[8]

07010206-606	3D	2.1	Fish Creek	Carver Lk to Unnamed (North Star) lk	2C
MCES	Fish Creek 0.2		Fish Creek 150m up from Hwy-61		76
MNPCA1	S005-376		FISH CK just upstm of us-61 in newport		MDAWQMP 13
MNPCA1	S005-395		battle ck, w of us-61 and 1 mi e of the mississippi r		MDAWQMP 13
MPCAB	99UM073		Fish Creek; upstream of CR 161		metro surveys 1
MPCAB	99UM074		Fish Creek; upstream of Hwy. 61		metro surveys 1

Aquatic life      FS      =Chloride FS 0/63[7] +Turbid\_TT\_TSS FS 0/64[9](0/64[9] --/--[--] --/--[--])

Ecoregion norms      EX      +NO2&NO3 EX 12/12[2] +Phosphorus EX 5/14[2]

07010206-637	5C	3.7	Unnamed creek (Lambert Creek)	Unnamed ditch to Vadnais Lk	2B, 3B
MNPCA1	S002-773		lambert ck at cr f, .5 mi ne of vadnais hghts		LAMBERT 92
MNPCA1	S002-774		lambert ck at kohler rd in vadnais heights		LAMBERT 90
MNPCA1	S002-775		lambert ck at oakmede lane in white Bear Lake		LAMBERT 92
MNPCA1	S004-318		lambert ck at pond view ln, white Bear Lake		CSMP 81
MPCAB	99UM094		tributary to Vadnais Lake; upstream of Koehler Road		metro surveys 1

Aquatic life      FS      +Turbid\_TT\_TSS FS 7/130[5](0/1[1] 7/81[3] 0/48[2])

Aquatic recreation      NS      !!!E. coli NS 3/22Ind 3/3mo

Ecoregion norms      EX      +NO2&NO3 EX 14/99[3] +Phosphorus EX 33/37[2]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010206-642</b>	<b>3A</b>	<b>0.5</b>	<b>Unnamed creek</b>		<b>Lk Harriet to Minnehaha Cr</b>	<b>2B, 3B</b>	
MNPCA1	S002-832		unn str outlet lk harriet at 50th st, mpls			CSMP	25
Aquatic life	FS		+Turbid_TT_TSS FS 0/25[3](--/--[ ] 0/25[3] --/--[ ])				
<b>07010206-656</b>	<b>3A</b>	<b>1.2</b>	<b>Unnamed creek (Lambert Creek)</b>		<b>Headwaters to Lk Vadnais</b>	<b>2B, 3B</b>	
MNPCA1	S003-610		lambert ck at l vadnais pump statn, 1 mi sw vadnais heights			LAMBERT	57
Ecoregion norms	EX		+NO2&NO3 EX 22/57[3]				
<b>07010206-673</b>	<b>3A</b>	<b>1.3</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Bass Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-648		Bass Creek at pineview lane north in plymouth			SHINGLEC	14
Aquatic life	NS		!!!Chloride NS 1/12[2]				
<b>07010206-674</b>	<b>3A</b>	<b>0.7</b>	<b>Unnamed creek</b>		<b>Headwaters to Christmas Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-368		unn strm (christmas lk inlet) at csah-17			MCWD	40
Aquatic life	NS		DO12 -- 2 35[3] DO5_9am FS 1/11[3] DO5_All FS 2/21[3] DO7 FS 0/14[3] +DOFinal IF[[2]] +pH FS 0/66[3] !!!Turbid_TT_TSS NS 5/40[3](--/--[ ] --/--[ ] 5/40[3])				
<b>07010206-676</b>	<b>3A</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>Headwaters to Lk Minnetonka</b>	<b>2B, 3B</b>	
MNPCA1	S003-719		christmas l outlt at xmas l rd, 0.9 mi e of excelsior, mn			MCWD	132
Aquatic life	NS		DO12 -- 26/113[10] DO5_9am NS 19/75[10] DO5_All NS 22/87[10] DO7 NS 4/26[8] !!!DOFinal NS[[8]] +pH FS 8/224[10] +Turbid_TT_TSS FS 15/202[10](--/--[ ] --/--[ ] 15/202[10])				
Ecoregion norms	EX		+Phosphorus EX 6/36[2]				
<b>07010206-677</b>	<b>3A</b>	<b>0.4</b>	<b>Unnamed creek</b>		<b>Headwaters to Lk Minnetonka</b>	<b>2B, 3B</b>	
MNPCA1	S003-726		langdon l ck at csah-110 in mound, minnesota			MCWD	219
Aquatic life	NS		DO12 -- 44/192[10] DO5_9am NS 20/88[9] DO5_All NS 37/147[10] DO7 NS 7 45[9] !!!DOFinal NS[[8]] +pH FS 30/376[10] +Turbid_TT_TSS FS 16/318[10](--/--[ ] --/--[ ] 16/318[10])				
Ecoregion norms	EX		+Phosphorus EX 7/47[2]				
<b>07010206-678</b>	<b>3A</b>	<b>0.9</b>	<b>Unnamed creek</b>		<b>Headwaters to Lk Minnetonka</b>	<b>2B, 3B</b>	
MNPCA1	S002-557		Dutch Lake outlet at csah-110 in mound			MCWD	283
Aquatic life	NS		!!!Chloride NS 1/5[1] DO12 -- 29/261[10] DO5_9am NS 19/111[9] DO5_All NS 27/188[10] DO7 FS 2/73[10] !!!DOFinal NS[[10]] +pH FS 9/514[10] +Turbid_TT_TSS FS 22/482[11](--/--[ ] --/--[ ] 22/482[11])				
Ecoregion norms	EX		+Phosphorus EX 19/64[2]				
<b>07010206-679</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek</b>		<b>Headwaters to Peavey Lk</b>	<b>2B, 3B</b>	
MNPCA1	S003-751		unn trib to peavey l at shoreline dr, in wayzata, minnesota			MCWD	31
Aquatic life	IF		DO12 -- 1/31[1] DO5_9am FS 0/1[1] DO5_All FS 1/22[1] DO7 FS 0/9[1] +DOFinal IF[[1]] +pH FS 5/56[1]				
Ecoregion norms	EX		+Phosphorus EX 23/31[1]				

**Basin: UM**

AUID	Category	Miles	Reach Name	Reach Description	Use Class	Date Printed: 3/4/2009
Agency	Station		Location		Project	#Sample Dates
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]				
<b>07010206-682</b>	<b>3A</b>	<b>1.0</b>	<b>Unnamed creek</b>	<b>Lk Minnewashta to Lk Virginia</b>	<b>2B, 3B</b>	
MNPCA1	S002-565		lake minnewashta outlet at cr-15 (minnewashta pkwy)		MCWD	48
Aquatic life	NS	DO12 -- 5/43[3] DO5_9am NS 2/11[3] DO5_All FS 3/32[3] DO7 NS 2/11[3] !!!DOFinal NS[[2]] +pH FS 1/82[3] +Turbid_TT_TSS FS 0/50[3](--/--[--] 0/50[3])				
Ecoregion norms	OK	+Phosphorus OK 0/16[1]				
<b>07010206-684</b>	<b>3A</b>	<b>0.0</b>	<b>Unnamed creek</b>	<b>Lk Virginia to Lk Minnetonka</b>	<b>2B, 3B</b>	
MNPCA1	S003-747		1 virginia outlet at smithtown rd, 2 mi ne of victoria, mn		MCWD	249
Aquatic life	NS	DO12 -- 29/230[10] DO5_9am NS 22/141[9] DO5_All NS 28/169[9] DO7 FS 1/61[10] !!!DOFinal NS[[9]] +pH FS 9/454[10] +Turbid_TT_TSS FS 5/434[10](--/--[--] --/--[5] 5/434[10])				
Ecoregion norms	OK	+Phosphorus OK 1/63[2]				
<b>07010206-685</b>	<b>3A</b>	<b>1.4</b>	<b>Unnamed creek</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-724		unn trib to halsted bay at n halstead dr, minnetrista, mn		MCWD	31
Aquatic life	NS	DO12 -- 17/30[1] DO5_All NS 16/21[1] DO7 NS 1/9[1] !!!DOFinal NS[[1]] +pH FS 6/58[1]				
Ecoregion norms	EX	+Phosphorus EX 18/31[1]				
<b>07010206-686</b>	<b>3A</b>	<b>1.4</b>	<b>Unnamed creek</b>	<b>Headwaters to Unnamed cr</b>	<b>2B, 3B</b>	
MNPCA1	S003-725		unn trib to halsted bay at halstead dr, minnetrista, mn		MCWD	31
Aquatic life	NS	DO12 -- 19/31[1] DO5_All NS 18/22[1] DO7 NS 1/9[1] !!!DOFinal NS[[1]] +pH FS 4/62[1]				
Ecoregion norms	EX	+Phosphorus EX 23/31[1]				
<b>07010206-688</b>	<b>3A</b>	<b>0.5</b>	<b>Unnamed creek</b>	<b>Stieger Lk to Lk Auburn</b>	<b>2B, 3B</b>	
MNPCA1	S003-754		unn trib to six mi ck at csah-11, 0.75 mi nw of victoria, mn		MCWD	30
Aquatic life	NS	DO12 -- 14/29[1] DO5_9am NS 4/8[1] DO5_All NS 13/20[1] DO7 NS 1/9[1] !!!DOFinal NS[[1]] +pH FS 5/56[1]				
Ecoregion norms	EX	+Phosphorus EX 7/30[1]				
<b>07010206-689</b>	<b>3A</b>	<b>1.5</b>	<b>Sixmile Creek</b>	<b>Wasserman Lk to Lk Auburn</b>	<b>2B, 3B</b>	
MNPCA1	S003-755		six mi ck at mn-5, 0.74 mi wnw of victoria, mn		MCWD	92
MNPCA1	S004-361		sixmile ck (wasserman otlt) at csah-43 1.5 mi sw of victoria		MCWD	75
Aquatic life	NS	+Chloride FS 0/10[1] DO12 -- 80/116[4] DO5_9am NS 24/28[4] DO5_All NS 72/86[4] DO7 NS 8/30[4] !!!DOFinal NS[[4]] +pH FS 1/226[4] +Turbid_TT_TSS FS 13/140[5](--/--[--] --/--[13] 13/140[5])				
Ecoregion norms	EX	+NO2&NO3 EX 12/12[1] +Phosphorus EX 10/51[2]				
<b>07010206-691</b>	<b>3A</b>	<b>1.1</b>	<b>Sixmile Creek</b>	<b>Lk Auburn to Lundsten Lk</b>	<b>2B, 3B</b>	
MNPCA1	S004-376		sixmile ck (l auburn outlet) at carver pk rd		MCWD	87
Aquatic life	NS	+Chloride FS 0/5[1] DO12 -- 24/82[3] DO5_9am NS 7/17[3] DO5_All NS 18/64[3] DO7 NS 6/18[3] !!!DOFinal NS[[3]] +pH FS 4/158[3] +Turbid_TT_TSS FS 0/74[3](--/--[--] --/--[0] 0/74[3])				
Ecoregion norms	OK	+Phosphorus OK 1/21[1]				

**Basin: UM**

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Reach Description</b>	<b>Use Class</b>	<b>Date Printed: 3/4/2009</b>
Agency	Station		Location			Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]			#Sample Dates

<b>07010206-693</b>	<b>3A</b>	<b>0.3</b>	<b>Sixmile Creek</b>	<b>Lundsten Lk to Parley Lk</b>	<b>2B, 3B</b>		
MNPCA1	S002-754		six mile creek at outlet of lunsten l, 3.5 mi ne of waconia			MCWD	264
Aquatic life	NS		+Chloride FS 0/5[1] DO12 -- 55/240[10] DO5_9am NS 23/115[9] DO5_All NS 51/183[10] DO7 FS 4/57[9] !!!DOFinal NS[[9]] +pH FS 19/466[10] +Turbid_TT_TSS FS 4/382[10](--/--[--] --/--[--] 4/382[10])				
Ecoregion norms	EX		+Phosphorus EX 12/50[2]				
<b>07010206-697</b>	<b>3A</b>	<b>3.8</b>	<b>Painter Creek</b>	<b>Katrina Lk to Unnamed cr</b>	<b>2B, 3B</b>		
MNPCA1	S002-575		painter creek at ush-12 in orono			MCWD	9
MNPCA1	S003-748		painter ck at csah-6, 1 mi s of maple plain, minnesota			MCWD	177
MNPCA1	S003-749		painter ck at csah-6, 1.4 mi se of maple plain, minnesota			MCWD	226
MNPCA1	S004-095		painter cr at creekwood drive, 1 mi s of maple plain			MCWD	3
MNPCA1	S004-096		painter cr at cr-83, 1 mi s of maple plain			MCWD	3
Aquatic life	NS		+Chloride FS 0/5[1] DO12 -- 162 220[8] DO5_9am NS 76/83[5] DO5_All NS 151/167[8] DO7 NS 11/53[8] !!!DOFinal NS[[6]] +pH FS 4/430[8] +Turbid_TT_TSS FS 1/378[8](--/--[--] --/--[--] 1/378[8])				
Ecoregion norms	EX		+Phosphorus EX 37/52[2]				
<b>07010206-700</b>	<b>3A</b>	<b>2.4</b>	<b>Painter Creek</b>	<b>Unnamed cr to Lk Minnetonka</b>	<b>2B, 3B</b>		
MNPCA1	S002-571		painter ck at w branch rd in minnetrista			MCWD	319
MNPCA1	S002-572		painter creek at cr-26 in minnetrista			MCWD	235
MNPCA1	S002-573		painter creek at csah-110 in t117n r24w s11 neq			MCWD	124
MNPCA1	S003-750		painter ck at painter ck dr, 2 mi wnw of saga hill, mn			MCWD	103
Aquatic life	NS		!!!Chloride NS 1/16[1] DO12 -- 186/286[11] DO5_9am NS 96/130[10] DO5_All NS 169/211[10] DO7 NS 17 75[11] !!!DOFinal NS[[10]] +pH FS 8/558[11] +Turbid_TT_TSS FS 6/498[11](--/--[--] --/--[--] 6/498[11])				
Aquatic recreation	NS		!!!E. coli NS 7/56Ind 5/5mo				
Ecoregion norms	EX		+NO2&NO3 EX 19/19[1] +Phosphorus EX 44/54[2]				
<b>07010206-702</b>	<b>3A</b>	<b>0.5</b>	<b>Unnamed creek</b>	<b>Headwaters to Lk Minnetonka</b>	<b>2B, 3B</b>		
MNPCA1	S003-756		stubbs bay inlet at bayside rd, 1.3 mi w of orono, minnesota			MCWD	188
Aquatic life	NS		DO12 -- 109/159[7] DO5_9am NS 31/44[4] DO5_All NS 97/119[7] DO7 NS 12/40[7] !!!DOFinal NS[[6]] +pH FS 1/306[7] +Turbid_TT_TSS FS 15/220[8](--/--[--] --/--[--] 15/220[8])				
Ecoregion norms	EX		+Phosphorus EX 28/39[2]				
<b>07010206-703</b>	<b>3A</b>	<b>1.9</b>	<b>Unnamed creek</b>	<b>Lk Classen to Lk Minnetonka</b>	<b>2B, 3B</b>		
MNPCA1	S003-720		classen l ck at bayside rd, in orono, minnesota			MCWD	258
MNPCA1	S004-097		unn cr (classen lk cr) at leaf st, 1.5 mi sw of LONG LAKE			MCWD	2
MNPCA1	S004-098		unn cr (classen lk cr) at leaf st, 1.5 mi sw of long lk			MCWD	2
MNPCA1	S004-099		unn cr (classen lk cr) at watertown r, 1.5 mi sw of long lk			MCWD	65
Aquatic life	NS		+Chloride FS 0/6[1] DO12 -- 18/234[11] DO5_9am NS 3/109[8] DO5_All FS 15/166[10] DO7 FS 3/68[11] +DOFinal NS[[9]] +pH FS 12/458[11] +Turbid_TT_TSS FS 20/436[10](--/--[--] --/--[--] 20/436[10])				
Ecoregion norms	EX		+Phosphorus EX 35/51[2]				

FS = Fully-Supporting; PS = Partially-Supporting; NS = Non-Supporting; IF = Insufficient Information; OK = OK; EX = Exceeding ecological Norms  
 '\$' = AUID already impaired for this parameter. '+' = new assessment. '!!!' = new listing or impairment. '-' = same as previous pre-assessment. '<>' = different than previous pre-assessment

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010206-704</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Gleason Lk</b>		<b>2B, 3B</b>
MNPCA1	S003-723		gleason l inlt at black oaks ct n, plymouth, minnesota			MCWD	108
Aquatic life	NS		!!!Chloride NS 1/5[1] DO12 -- 48/101[4] DO5_9am NS 1/1[1] DO5_All NS 46/76[4] DO7 FS 2/25[4] !!!DOFinal NS[[2]] +pH FS 3/196[4] +Turbid_TT_TSS FS 11/124[4](--/--[--] --/--[--] 11/124[4])				
Ecoregion norms	EX		+Phosphorus EX 21/38[2]				
<b>07010206-706</b>	<b>3A</b>	<b>1.2</b>	<b>Unnamed creek</b>		<b>Gleason Lk to Lk Minnetonka</b>		<b>2B, 3B</b>
MNPCA1	S002-927		gleason lake outlet at csah-15 in wayzata			MCWD	153
MNPCA1	S003-722		gleason l outlt at holly ln, 0.7 mi ne of wayzata, mn			MCWD	41
Aquatic life	NS		DO12 -- 29/168[10] DO5_9am NS 20/77[7] DO5_All NS 29/123[10] DO7 FS 0/45[9] !!!DOFinal NS[[8]] +pH FS 25/320[10] +Turbid_TT_TSS FS 12/302[10](--/--[--] --/--[--] 12/302[10])				
Ecoregion norms	OK		+Phosphorus OK 4/40[2]				
<b>07010206-709</b>	<b>3A</b>	<b>0.8</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Long Lk</b>		<b>2B, 3B</b>
MNPCA1	S002-854		unn str (long l inl) at 6th av n, 1 mi ne of long lk			MCWD	74
Aquatic life	NS		DO12 -- 2 64[4] DO5_9am NS 2/14[3] DO5_All FS 2/49[4] DO7 FS 0/15[4] +DOFinal IF[[2]] +pH FS 1/124[4] +Turbid_TT_TSS FS 0/90[4](--/--[--] --/--[--] 0/90[4])				
Ecoregion norms	EX		+Phosphorus EX 8/17[1]				
<b>07010206-712</b>	<b>3A</b>	<b>2.5</b>	<b>Long Lake Creek</b>		<b>Long Lk to Lk Minnetonka</b>		<b>2B, 3B</b>
MNPCA1	S002-928		long l ck (long l outlet) upst side of sh 12, e of long lk			MCWD	255
MNPCA1	S003-728		long l ck at brown rd s, 1 mi s of LONG LAKE, minnesota			MCWD	157
MNPCA1	S003-729		long l ck at luce line rr, 0.4 mi s of LONG LAKE, minnesota			MCWD	28
MNPCA1	S004-425		LONG LAKE ck at rr crossing at entrance to tanager lk			MCWD	4
Aquatic life	NS		+Chloride FS 0/8[1] DO12 -- 72 258[10] DO5_9am NS 31/113[9] DO5_All NS 69/193[10] DO7 FS 3/65[10] !!!DOFinal NS[[10]] +pH FS 30/504[10] +Turbid_TT_TSS FS 6/458[10](--/--[--] --/--[--] 6/458[10])				
Ecoregion norms	EX		+NO2&NO3 EX 10/10[1] +Phosphorus EX 11/54[2]				
<b>07010206-713</b>	<b>3A</b>	<b>1.0</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Parley Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-375		unn strm (parley l inlet) at parley lk rd			MCWD	26
Aquatic life	NS		DO12 -- 11/22[1] DO5_9am NS 5/6[1] DO5_All NS 8/17[1] DO7 NS 3/5[1] !!!DOFinal NS[[1]] +pH FS 1/38[1]				
Ecoregion norms	EX		+Phosphorus EX 4/13[1]				
<b>07010206-714</b>	<b>3A</b>	<b>1.2</b>	<b>Sixmile Creek</b>		<b>Marsh Lk to Wasserman Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-377		sixmile ck (wasserman l inlet) at marsh l road			MCWD	84
Aquatic life	NS		+Chloride FS 0/5[1] DO12 -- 31/79[3] DO5_9am NS 8/19[3] DO5_All NS 29/61[3] DO7 NS 2/18[3] !!!DOFinal NS[[3]] +pH FS 0/152[3] +Turbid_TT_TSS FS 0/76[3](--/--[--] --/--[--] 0/76[3])				
Ecoregion norms	OK		+Phosphorus OK 2/25[1]				



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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010206-715</b>	<b>3A</b>	<b>0.6</b>	<b>Sixmile Creek (Wassermann Lake)</b>		<b>Wassermann Lk (10-0048-00)</b>		<b>2B, 3B</b>
MNPCA1	S004-428		long lk ck at fox st., 1 mi s of LONG LAKE				MCWD 155
Aquatic life	NS	DO12 -- 44/136[7]	DO5_All NS 43/94[6]	DO7 FS 1/42[7]	!!!DOFinal NS[[6]]	+pH FS 10/264[7]	+Turbid_TT_TSS FS 15/280[7](--/--[ ] 15/280[7])
Ecoregion norms	EX	+Phosphorus EX 13/31[1]					
<b>07010206-716</b>	<b>3A</b>	<b>1.1</b>	<b>Unnamed creek</b>		<b>Headwaters to Schultz Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-373		unn strm (schutz l inlet), at end of park view lane				MCWD 71
Aquatic life	FS	+Chloride FS 0/5[1]	DO12 -- 0/66[3]	DO5_9am FS 0/16[3]	DO5_All FS 0/51[3]	DO7 FS 0/15[3]	+DOFinal FS[[3]] +pH FS 0/128[3] +Turbid_TT_TSS FS 0/76[3](--/--[ ] 0/76[3])
Ecoregion norms	EX	+Phosphorus EX 3/15[1]					
<b>07010206-717</b>	<b>3A</b>	<b>0.2</b>	<b>Unnamed creek</b>		<b>Headwaters to wetland</b>		<b>2B, 3B</b>
MNPCA1	S004-367		unn strm (dutch l inlet) at game farm rd, 1.5 mi nw of mound				MCWD 52
Aquatic life	NS	DO12 -- 24/47[3]	DO5_9am NS 2/3[2]	DO5_All NS 23/32[3]	DO7 FS 1/15[3]	!!!DOFinal NS[[2]]	+pH FS 0/90[3] +Turbid_TT_TSS FS 0/50[3](--/--[ ] --/--[ ] 0/50[3])
Ecoregion norms	EX	+Phosphorus EX 7/15[1]					
<b>07010206-718</b>	<b>3A</b>	<b>0.3</b>	<b>Unnamed creek</b>		<b>Headwaters to Unnamed ditch</b>		<b>2B, 3B</b>
MNPCA1	S004-369		unn strm (gleason l inlt) at wayzata blvd, 1 mi e of wayzata				MCWD 53
Aquatic life	NS	!!!Chloride NS 5/5[1]	DO12 -- 21/52[2]	DO5_All NS 20/41[2]	DO7 FS 1/11[2]	!!!DOFinal NS[[1]]	+pH FS 0/104[2] +Turbid_TT_TSS FS 3/58[2](--/--[ ] --/--[ ] 3/58[2])
<b>07010206-720</b>		<b>1.5</b>	<b>Unnamed creek</b>		<b>Headwaters to Unnamed (Bailey) lk</b>		<b>2B, 3B</b>
MNPCA1	S004-469		unn str (trib to bailey lk) at bailey rd in woodbury				WASHDIST 128
Aquatic life	FS	+Chloride FS 0/67[6] +Turbid_TT_TSS FS 10/209[9](0/1[1] 0/22[3] 10/186[9])					
Aquatic recreation	IF	+E. coli IF 2/10Ind 0/0mo					
Ecoregion norms	OK	+Phosphorus OK 5/120[9]					
<b>07010206-727</b>		<b>1.5</b>	<b>Unnamed creek</b>		<b>Unnamed lk (82-0086-00) to Mississippi R</b>		<b>2B, 3B</b>
MNPCA1	S004-477		unn str (trib to miss. r) at 100th st, s of cottage grove				WASHDIST 104
Aquatic life	FS	+Chloride FS 0/51[6] +Turbid_TT_TSS FS 2/163[9](0/11[2] 0/14[5] 2/138[9])					
Aquatic recreation	IF	+E. coli IF 0/7Ind 0/0mo					
Ecoregion norms	OK	+Phosphorus OK 2/95[9]					
<b>07010206-729</b>		<b>1.6</b>	<b>Unnamed creek</b>		<b>Turbid Lk to Lundsten Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-427		unn str (turbid lk inlet) at mn-5, 2.5 mi w of victoria				MCWD 13
Aquatic life	IF	+pH FS 0/14[1]					
Ecoregion norms	EX	+Phosphorus EX 4/13[1]					

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<b>07010206-732</b>		<b>4.2</b>	<b>Rush Creek, South Fork</b>		<b>Unnamed lk (27-0439-00) to Rush Cr</b>		<b>2B, 3B</b>
MNPCA1	S004-542		rush ck, sf at brocton ln n in corcoran				ELMRD-S 34
	Aquatic life	IF	+pH FS 0/34[2]				
	Aquatic recreation	NS	!!!E. coli NS 4/29Ind 2/4mo				
<b>07010206-734</b>		<b>1.6</b>	<b>Unnamed creek</b>		<b>Headwaters to Sweeney Lk</b>		<b>2B, 3B</b>
MNPCA1	S004-807		unn str to sweeney lk at n end of shaper pd in golden valley				SWEEN-L 17
MNPCA1	S004-807		unn str to sweeney lk at n end of shaper pd in golden valley				SWEENEY 21
	Aquatic life	NS	!!!Turbid_TT_TSS NS 9/76[2](--/--[ ] --/--[ ] 9/76[2])				
<b>07010206-737</b>		<b>0.5</b>	<b>Unnamed creek</b>		<b>Unnamed cr to Sand Cr</b>		<b>2B, 3B</b>
MNPCA1	S004-713		unnamed str (aka sand ck) at 118th ave ne in blaine				CSMP 19
MNPCA1	S005-264		unn str (sand ck) at university ave nw in blaine				ANOKA 8
MNPCA1	S005-265		unn str (sand ck) at 117th ave nw in blaine				CSMP 14
	Aquatic life	FS	+Chloride FS 0/8[1] +pH FS 0/16[1] +Turbid_TT_TSS FS 0/41[2](0/8[1] 0/33[2] --/--[ ])				
<b>07010206-738</b>			<b>Unnamed creek</b>		<b>Headwaters to Medicine Lk</b>		<b>2B, 3B</b>
MNPCA1	S005-349		unn str just n of 26th ave and w of us-169 in plymouth				THREERIV 81
	Aquatic life	NS	!!!Turbid_TT_TSS NS 80/162[5](--/--[ ] --/--[ ] 80/162[5])				
<b>07010206-739</b>			<b>Unnamed creek</b>		<b>Headwaters to Medicine Lk</b>		<b>2B, 3B</b>
MNPCA1	S005-353		unn str (ridgedale ck) just n of mn-55 in plymouth				THREERIV 95
	Aquatic life	NS	!!!Turbid_TT_TSS NS 29/190[7](--/--[ ] --/--[ ] 29/190[7])				
<b>07010206-740</b>			<b>Unnamed creek</b>		<b>Unnamed cr to Medicine Lk</b>		<b>2B, 3B</b>
MNPCA1	S005-342		unn str receiving wtr from medicine lk in plymouth				THREERIV 75
	Aquatic life	NS	!!!Turbid_TT_TSS NS 37/150[7](--/--[ ] --/--[ ] 37/150[7])				
<b>07010206-741</b>			<b>Unnamed creek</b>		<b>Headwaters to Unnamed cr</b>		<b>2B, 3B</b>
MNPCA1	S005-343		unn str along 36th ave n, w of mission farms in plymouth				THREERIV 78
	Aquatic life	NS	!!!Turbid_TT_TSS NS 90/156[7](--/--[ ] --/--[ ] 90/156[7])				
<b>07010206-901</b>	<b>3C</b>	<b>0.2</b>	<b>Unnamed ditch</b>		<b>to Centerville Lk</b>		<b>2B, 3B</b>
MNPCA1	S003-027		lamotte dt 1 inlet to nurp pd at lamotte cir in centerville				RICECKWD 14
MNPCA1	S003-044		lamotte dt 2 outlet to nurp pd at lamotte cir in centerville				RICECKWD 15
	Aquatic life	IF	+pH FS 0/12[1]				
	Ecoregion norms	EX	=Phosphorus EX 9/12[1]				

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: UM</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
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<b>07010206-904</b>	<b>3A</b>	<b>0.3</b>	<b>Unnamed ditch</b>	<b>to CD 17</b>	<b>2B, 3B</b>
MNPCA1	S003-184		unn trib to cty dt 17, .5 mi w of university ave in fridley		ANOKA 2
MNPCA1	S004-436		unn str (springbrook ck) at e inlet to springbrook ck wtshed		SPRBKCWP 11
MPCAB	99UM109		trib. to County Ditch 17 (SE); Spring Brook Nature Center		metro surveys 1

Aquatic life NS +Chloride FS 0/8[2] !!!Turbid\_TT\_TSS NS 5/25[3](0/3[2] --/--[2] 5/22[2])  
 Ecoregion norms EX +NO2&NO3 EX 20/21[2] +Phosphorus EX 3/12[3]

<b>07010206-912</b>	<b>3A</b>	<b>3.0</b>	<b>Unnamed creek (Kaposia Creek)</b>	<b>Headwaters to Mississippi R</b>	<b>2B, 3B</b>
MNPCA1	S004-724		unn str (kaposia ck) e of us-52 in south st. paul		CSMP 20
MPCAB	99UM083		Kaposia Creek; upstream of Hwy 156, south St. Paul		metro surveys 1

Aquatic life FS +Turbid\_TT\_TSS FS 1/21[3](0/1[1] 1/20[2] --/--[2])

<b>07010206-915</b>	<b>3B</b>	<b>1.0</b>	<b>County Ditch 56</b>	<b>Wetland to Coon Lk</b>	<b>2B, 3B</b>
MNPCA1	S003-214		cty dt 56 (coon lk inlet) at csah-22, 8.5 mi nw of forest lk		ANOKA 15

Aquatic life IF =Chloride FS 0/15[2] <>pH FS 7/30[2]  
 Ecoregion norms OK =Phosphorus OK 0/15[2]

<b>07010206-916</b>			<b>Beltline Interceptor</b>	<b>Underground stream near Warner Rd &amp; Hwy 61</b>	<b>2B, 3B</b>
MCES	Beltline Interceptor 0.5		Beltline Interceptor 120m up from Warner Rd		57

Aquatic life FS Chloride NA 6/55[6] +Turbid\_TT\_TSS FS 3/46[7](3/46[7] --/--[2] --/--[2])

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**HUC: 07010207      DNR Major: 21      HUC NAME: RUM RIVER**

<b>07010207-502</b>	<b>4A</b>	<b>3.5</b>	<b>Rum River</b>	<b>Cedar Cr to Trott Bk</b>	<b>2B, 3C</b>
MNPCA1	S004-026		rum r at csah-7, 6.5 mi n of anoka		ANOKA 8

Aquatic life IF +Chloride FS 0/8[1] +pH FS 0/16[1]

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07010207-504	4A	34.4	Rum River	Stanchfield Cr to Seelye Bk	2B, 3C
MNPCA1	S000-043		rum River bridge on csah-5, 0.5 mi w of isanti		MISS_INI 50
MNPCA1	S000-043		rum River bridge on csah-5, 0.5 mi w of isanti		SPEC 1
MNPCA1	S000-043		rum River bridge on csah-5, 0.5 mi w of isanti		MILE 47
MNPCA1	S000-043		rum River bridge on csah-5, 0.5 mi w of isanti		11
MNPCA1	S000-043		rum River bridge on csah-5, 0.5 mi w of isanti		RNC 13
MNPCA1	S000-043		rum River bridge on csah-5, 0.5 mi w of isanti		MERCLKS/ 5
MNPCA1	S000-066		rum River csah-24, st. francis		8
MNPCA1	S000-066		rum River csah-24, st. francis		ANOKA 14
MNPCA1	S000-066		rum River csah-24, st. francis		CSMP 2
MNPCA1	S000-066		rum River csah-24, st. francis		RNC 36
MNPCA1	S000-066		rum River csah-24, st. francis		SPEC 1
MNPCA1	S001-603		rum r, 5 mi sw of isanti		CSMP 144
MNPCA1	S005-326		rum r at 2nd ave sw at w park in cambridge, mn		RUM-S 14
MNPCA1	S005-327		rum r at csah-14, 3 mi nw of cambridge, mn		RUM-S 14
MPCAB	00UM044		Rum River; downstream of C.R. 5 in Isanti		nutrients 2
MPCAB	00UM066		Rum River; downstream of C.R. 24 in St. Francis		nutrients 2

Aquatic life NS =Arsenic FS 0/5[2] =Cadmium FS 0/5[2] =Chloride FS 0/18[3] =Copper FS 0/5[2] DO12 -- 5/136[9] DO5\_9am FS 1/35[6] DO5\_All FS 3/100[9] DO7 FS 2/36[9] +DOFinal IF[4] =Lead FS 0/5[2] =Mercury FS 0/5[2] +Nickel FS 0/5[2] =pH FS 0/294[9] =Turbid\_TT\_TSS FS 10/146[9](10/146[9] 0/156[9] 0/6[3]) +Un-ionzed ammonia FS 0/78[8] =Zinc FS 0/5[2]

Aquatic recreation FS +E. coli FS 0/39Ind 0/5mo

Ecoregion norms EX =BOD5 OK 3/66[8] =NO2&NO3 EX 39/147[8] <>Phosphorus EX 13/127[8]

07010207-505	2	10.1	Ford Brook	Headwaters (Goose Lk) to Trott Bk	2B, 3B
MNPCA1	S003-200		ford bk at cr-63 (green valley rd), 7 mi n of anoka		ANOKA 21
MPCAB	00UM103		Ford Brook; Hwy 47		metro surveys 1

Aquatic life FS =Chloride FS 0/17[2] =pH FS 2/44[6] =Turbid\_TT\_TSS FS 1/20[5](1/20[5] --/--[--] 0/2[1])

Ecoregion norms EX =Phosphorus EX 7/17[2]

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009
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<b>07010207-506</b>	<b>4A</b>	<b>0.5</b>	<b>Rum River</b>		<b>Headwaters (Lk Mille Lacs 48-0002-00) to Ogechie Lk</b>	<b>2B, 3B</b>	
MNPCA1	S000-061		rum River ush-169 bridge			MILLACSL	7
MNPCA1	S000-061		rum River ush-169 bridge			MILLAC-S	11
MNPCA1	S001-290		ditch from ogechie lake on co rd 35 bridge			OGECHIE	7
MNPCA1	S003-856		rum r at twilight rd, 0.2 mi s of vineland, mn			CSMP	24
MNPCA1	S003-856		rum r at twilight rd, 0.2 mi s of vineland, mn			CMB	14
MNPCA1	S003-856		rum r at twilight rd, 0.2 mi s of vineland, mn			MILLAC-S	9

Aquatic life FS +Chloride FS 0/11[2] DO12 -- 1/33[4] DO5\_All FS 1/22[4] DO7 FS 0/11[4] +DOFinal IF[[2]] =pH FS 1/60[4] +Turbid\_TT\_TSS FS 0/57[6](0/4[1] 0/53[5] --/--[--])

Aquatic recreation IF +E. coli IF 0/13Ind 0/0mo

Ecoregion norms EX =Phosphorus EX 4/33[4]

<b>07010207-509</b>	<b>4A</b>	<b>20.7</b>	<b>Rum River</b>		<b>Lk Onamia to Tibbetts Bk</b>	<b>2B, 3C</b>	
MNPCA1	S002-955		rum River at csah 16, 8 mi n of milaca, mn			MISS_INI	83
MPCAB	00UM032		Rum River; 8 mi. N of Milaca @ C.R. 16 bridge			biocriteria	1

Aquatic life FS +Chloride FS 0/28[2] DO12 -- 0/63[5] DO5\_9am FS 0/42[4] DO5\_All FS 0/43[5] DO7 FS 0/20[4] +DOFinal FS[[4]] =pH FS 1/146[6] =Turbid\_TT\_TSS FS 1/83[6](1/83[6] --/--[--] 0/2[1]) +Un-ionized ammonia FS 0/63[4]

Aquatic recreation IF +E. coli IF 1/19Ind 0/0mo

Ecoregion norms OK =BOD5 OK 2/26[3] =NO2&NO3 OK 2/84[6] =Phosphorus OK 4/84[6]

<b>07010207-510</b>	<b>4A</b>	<b>22.9</b>	<b>Rum River</b>		<b>Tibbetts Bk to Bogus Bk</b>	<b>2B, 3C</b>	
MNPCA1	S000-045		rum River csah-4 e. of pease			RUM-S	15
MNPCA1	S004-797		rum r, 1/4 mi e of csah-36, .5 mi s of milaca			CSMP	8

Aquatic life FS +Chloride FS 0/12[1] +pH FS 3/30[1] +Turbid\_TT\_TSS FS 0/22[2](--/--[--] 0/22[2] --/--[--])

Aquatic recreation IF +E. coli IF 1/6Ind 0/0mo

Ecoregion norms OK +NO2&NO3 OK 0/13[1]

<b>07010207-511</b>	<b>4A</b>	<b>15.7</b>	<b>Rum River</b>		<b>Bogus Bk to W Br Rum R</b>	<b>2B, 3C</b>	
MNPCA1	S004-409		rum r at mn-95 brg at ne side of princeton, mn			MISS_INI	32

Aquatic life FS +Chloride FS 0/28[2] DO12 -- 0/31[2] DO5\_9am FS 0/22[2] DO5\_All FS 0/22[2] DO7 FS 0/9[2] +DOFinal FS[[2]] +pH FS 0/64[2] +Turbid\_TT\_TSS FS 2/32[2](2/32[2] --/--[--] --/--[--]) +Un-ionized ammonia FS 0/32[2]

Aquatic recreation IF +E. coli IF 1/19Ind 0/0mo

Ecoregion norms EX +NO2&NO3 EX 13 32[2] +Phosphorus OK 2/32[2]

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<b>07010207-512</b>	<b>4A</b>	<b>37.6</b>	<b>Rum River</b>	<b>W Br Rum R to Stanchfield Cr</b>	<b>2B, 3C</b>
MNPCA1	S004-263		rum r, 1/3 mi no. of csah-5, 5 mi se of princeton		CSMP 11
MNPCA1	S004-264		rum r at csah-7, 7 3/4 mi se of princeton		CSMP 11
MNPCA1	S004-979		rum r at br on mn-95, 4.75 mi w of cambridge, mn		RUM-S 15

Aquatic life FS +Chloride FS 0/6[1] +pH FS 0/30[1] +Turbid\_TT\_TSS FS 0/26[2](--/--[1] 0/26[2] --/--[1])  
 Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo  
 Ecoregion norms OK +NO2&NO3 OK 1/14[1] +Phosphorus OK 1/15[1]

<b>07010207-518</b>	<b>3D</b>	<b>14.6</b>	<b>Stanchfield Creek</b>	<b>Ties Cr (Stanchfield Bk) to Rum R</b>	<b>2B, 3B</b>
MNPCA1	S001-711		stanchfield cr at flamingo st, 3.5 mi n of springvale, mn		CSMP 95
MNPCA1	S001-738		stanchfield cr, 5.3 mi w of grandy, mn		CSMP 94
MNPCA1	S004-980		stanchfield cr at br on 357th av, 4.8 mi nw of cambridge, mn		RUM-S 15

Aquatic life FS +Chloride FS 0/6[1] +pH FS 1/30[1] =Turbid\_TT\_TSS FS 0/111[7](--/--[1] 0/111[7] --/--[1])  
 Aquatic recreation IF +E. coli IF 0/8Ind 0/0mo  
 Ecoregion norms EX +NO2&NO3 OK 1/14[1] +Phosphorus EX 3/15[1]

<b>07010207-521</b>	<b>2</b>	<b>28.3</b>	<b>Cedar Creek</b>	<b>Headwaters to Rum R</b>	<b>2B, 3B</b>
MNPCA1	S003-203		cedar ck at csah-9, 10 mi e of elk r		ANOKA 10
MNPCA1	S003-207		cedar ck at fawn lk dr, 6 mi se of isanti		ANOKA 8
MNPCA1	S004-166		cedar ck at sims rd, 1 mi w of mn-65, 6 mi se of st. francis		ANOKA 8
MNPCA1	S004-239		cedar ck, .5 mi w of csah-9, 5.5 mi sw of east bethel		CSMP 48
MPCAB	00UM101		Cedar Creek; upstream of Round Lake Blvd (Anoka CR 9) in Oak Grove		metro surveys 1

Aquatic life FS =Chloride FS 0/24[1] =pH FS 1/22[3] +Turbid\_TT\_TSS FS 0/58[5](0/11[3] 0/47[3] --/--[1])

<b>07010207-523</b>	<b>2</b>	<b>12.6</b>	<b>Bogus Brook</b>	<b>T38 R26W S23, north line to Rum R</b>	<b>2C</b>
MNPCA1	S004-981		bogus br at br on 90th st, 4.8 mi e se of pease, mn		RUM-S 15
MPCAB	99UM018		Bogus Brook; ~4.5 mi. So. Of Hwy. 23, Downstream (North) of C.R. 22, 3.0 mi. S.E. of Bock		EMAP 1

Aquatic life IF +Chloride FS 0/12[1] +pH FS 1/32[2]  
 Aquatic recreation IF +E. coli IF 0/6Ind 0/0mo  
 Ecoregion norms OK +NO2&NO3 OK 0/14[2]

<b>07010207-525</b>	<b>2</b>	<b>16.2</b>	<b>Rum River, West Branch</b>	<b>Estes Bk to Rum R</b>	<b>2B, 3B</b>
MNPCA1	S002-953		rum r west branch at cr 102, 1 mi w of princeton, mn		MISS_INI 83

Aquatic life FS +Chloride FS 0/28[2] DO12 -- 0/61[4] DO5\_9am FS 0/42[4] DO5\_All FS 0/42[4] DO7 FS 0/19[4] +DOFinal FS[4] =pH FS 0/144[5] =Turbid\_TT\_TSS FS 1/82[5](1/82[5] --/--[1] 0/2[1]) +Un-ionzed ammonia FS 0/63[4]  
 Aquatic recreation IF +E. coli IF 1/19Ind 0/0mo  
 Ecoregion norms EX =BOD5 EX 4/26[3] =NO2&NO3 EX 50/83[5] =Phosphorus EX 10/83[5]

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Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates
<b>07010207-527</b>	<b>3A</b>	<b>40.7</b>	<b>Rum River, West Branch</b>		<b>Headwaters (Unnamed lk 49-0172-00) to Estes Bk</b>	<b>2B, 3B</b>	
MNPCA1	S004-663		w br rum River, 1/3 mi e of 160th ave, 2 mi nw of foreston			CSMP	54
MPCAB	07UM080		Rum River, West Branch; Downstream of CR 34, 6 mi. N of Rum River			ref. ditches	1
Aquatic life	FS		+Turbid_TT_TSS FS 0/55[2](0/1[1] 0/54[2] --/--[--])				
<b>07010207-529</b>	<b>3B</b>	<b>18.8</b>	<b>Trott Brook</b>		<b>Headwaters to Rum R</b>	<b>2B, 3B</b>	
MNPCA1	S003-176		trott bk at csah-5 (nowthen blvd), 6 mi nw of anoka			ANOKA	20
MNPCA1	S004-306		trott bk at verolite st nw in ramsey			CSMP	14
MPCAB	00UM067		Trott Brook; upstream of C.R. 5 in Ramsey			biocriteria	1
Aquatic life	FS		=Chloride FS 0/16[2] <>pH FS 0/42[5] +Turbid_TT_TSS FS 0/20[5](0/20[5] 0/15[2] --/--[--])				
Ecoregion norms	EX		=Phosphorus EX 3/17[3]				
<b>07010207-540</b>	<b>2</b>	<b>0.9</b>	<b>Bradbury Brook</b>		<b>N Fk Bradbury Bk to Rum R</b>	<b>2B, 3B</b>	
MNPCA1	S004-978		bradbury br at br on us-169, 5 mi s of onamia, mn			RUM-S	15
MPCAB	00UM033		Bradbury Brook; upstream of Hwy 69, 5 mi. S of Onamia			biocriteria	1
Aquatic life	IF		+Chloride FS 0/12[1] +pH FS 6/32[2]				
Aquatic recreation	IF		+E. coli IF 0/6Ind 0/0mo				
Ecoregion norms	OK		+NO2&NO3 OK 0/14[2]				
<b>07010207-541</b>	<b>3D</b>	<b>0.9</b>	<b>Unnamed creek (Whitefish Lake Outlet)</b>		<b>Whitefish Lk to Lk Mille Lacs</b>	<b>2B, 3B</b>	
MNPCA1	S001-470		feeder str from whitefish lk at us-169			CSMP	116
MNPCA1	S004-615		unn str at csah 25, 5.5 mi sse of garrison, mn			CSMP	11
MNPCA1	S004-615		unn str at csah 25, 5.5 mi sse of garrison, mn			MILLAC-S	21
Aquatic life	NS		+Chloride FS 0/10[2] DO12 -- 3/21[2] DO5_All NS 3/12[2] DO7 FS 0/9[2] !!!DOFinal NS[[1]] +pH FS 0/38[2] =Turbid_TT_TSS FS 0/147[9](--/--[--] 0/147[9] --/--[--])				
Ecoregion norms	EX		+Phosphorus EX 3/21[2]				
<b>07010207-542</b>	<b>3B</b>	<b>1.0</b>	<b>Sequchie Creek (Holt Lake Outlet)</b>		<b>Holt Lk to Lk Mille Lacs</b>	<b>2B, 3B</b>	
MNPCA1	S001-465		sequchie ck at us-169 2.8 mi s of garrison			CSMP	186
MNPCA1	S001-465		sequchie ck at us-169 2.8 mi s of garrison			MILLAC-S	21
MNPCA1	S001-465		sequchie ck at us-169 2.8 mi s of garrison			MILLACSL	7
Aquatic life	NS		+Cadmium FS 0/52[4] =Chloride FS 0/169[6] =Chromium FS 0/52[4] +Copper FS 0/52[4] DO12 -- 26/79[6] DO5_9am NS 3/8[3] DO5_All NS 22/36[5] DO7 FS 4/43[6] !!!DOFinal NS[[5]] +Lead FS 0/52[4] +Nickel FS 0/52[4] =pH FS 0/140[6] =Turbid_TT_TSS FS 1/206[8](--/--[--] 1/206[8] --/--[--]) +Un-ionzed ammonia FS 0/52[4] +Zinc FS 0/50[4]				
Ecoregion norms	EX		<>NO2&NO3 OK 4/52[4] <>Phosphorus EX 13/56[6]				

AUID	Category	Miles	Reach Name	Basin: UM	Reach Description	Use Class	Date Printed: 3/4/2009	
Agency	Station		Location			Project	#Sample Dates	
Assess Type	PreLim Assess	Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.	Biological: assessment-IBI score-[threshold]					
<b>07010207-543</b>	<b>3D</b>	<b>1.5</b>	<b>Garrison Creek</b>		<b>Borden Lk to Lk Mille Lacs</b>		<b>2B, 3B</b>	
MNPCA1	S001-292		garrison ck at us-169, 1 mi ne of garrison				CMB	14
MNPCA1	S001-464		garrison ck at us-169, .5 mi ne of garrison				CSMP	127
MNPCA1	S001-464		garrison ck at us-169, .5 mi ne of garrison				MILLAC-S	21
MNPCA1	S001-464		garrison ck at us-169, .5 mi ne of garrison				MILLACSL	7
Aquatic life	NS	+Chloride FS 0/11[2] DO12 -- 2 28[3] DO5_9am NS 1/3[3] DO5_All NS 2/17[3] DO7 FS 0/11[3] +DOFinal IF[[1]] +pH FS 0/50[3] =Turbid_TT_TSS FS 0/161[10](--/--[ ] 0/161[10] --/--[ ])						
Aquatic recreation	IF	+E. coli IF 2/13Ind 0/0mo						
Ecoregion norms	EX	+Phosphorus EX 7/28[3]						
<b>07010207-544</b>	<b>3B</b>	<b>0.0</b>	<b>Reddy Creek (Marmon Creek)</b>		<b>Unnamed cr to Lk Mille Lacs</b>		<b>2B, 3B</b>	
MNPCA1	S001-294		reddy ck (marmon ck) on sh-18 n. of malmo				CMB	13
MNPCA1	S001-571		reddy ck at mn-18 brg, 3 mi e of wealthwood				MILLACSL	7
MNPCA1	S001-571		reddy ck at mn-18 brg, 3 mi e of wealthwood				CSMP	51
MNPCA1	S001-571		reddy ck at mn-18 brg, 3 mi e of wealthwood				MILLAC-S	17
Aquatic life	NS	+Chloride FS 0/9[2] DO12 -- 5/23[3] DO5_9am FS 0/2[2] DO5_All NS 5/13[3] DO7 FS 0/10[3] !!!DOFinal NS[[1]] +pH FS 0/40[3] !!!Turbid_TT_TSS NS 16/80[8](--/--[ ] 16/80[8] --/--[ ])						
Aquatic recreation	IF	+E. coli IF 4/12Ind 0/0mo						
Ecoregion norms	EX	+Phosphorus EX 17/24[3]						
<b>07010207-545</b>	<b>3D</b>	<b>0.4</b>	<b>Ditch 36</b>		<b>Twenty Lk outlet to Lk Mille Lacs</b>		<b>2B, 3B</b>	
MNPCA1	S001-579		mormon ck at mn-18 brg, 1 mi nw of malmo				MILLACSL	7
MNPCA1	S001-579		mormon ck at mn-18 brg, 1 mi nw of malmo				CSMP	39
MNPCA1	S001-579		mormon ck at mn-18 brg, 1 mi nw of malmo				MILLAC-S	21
Aquatic life	NS	+Chloride FS 0/11[2] DO12 -- 4/27[3] DO5_9am FS 0/2[2] DO5_All NS 3/17[3] DO7 FS 1/10[3] !!!DOFinal NS[[1]] +pH FS 0/48[3] =Turbid_TT_TSS FS 0/59[8](--/--[ ] 0/59[8] --/--[ ])						
Ecoregion norms	EX	+Phosphorus EX 13/28[3]						
<b>07010207-546</b>	<b>3D</b>	<b>4.5</b>	<b>Cedar Creek (Little River)</b>		<b>Cedar Lk to Lk Mille Lacs</b>		<b>2B, 3B</b>	
MNPCA1	S001-285		cedar ck (little r), bridge on sh-47 north of isle				MILLAC-S	16
MNPCA1	S001-285		cedar ck (little r), bridge on sh-47 north of isle				MILLACSL	7
MNPCA1	S001-541		cedar ck at mn 47 brg, 4 mi nw of isle				CSMP	31
Aquatic life	NS	+Chloride FS 0/9[2] DO12 -- 8/23[3] DO5_All NS 5/13[3] DO7 NS 3/10[3] !!!DOFinal NS[[1]] +pH FS 1/40[3] =Turbid_TT_TSS FS 0/41[6](--/--[ ] 0/41[6] --/--[ ])						
Ecoregion norms	EX	+Phosphorus EX 16/23[3]						





<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: UM</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009
Agency	Station		Location				Project
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples.		Biological: assessment-IBI score-[threshold]		#Sample Dates

<b>07010207-555</b>	<b>4A</b>	<b>8.8</b>	<b>Rum River</b>	<b>Trott Bk to Madison/Rice St in Anoka</b>	<b>2B, 3C</b>
MCES	Rum River 0.5		Lower Rum River 400m down of Main St		1
MCES	Rum River 0.6		Rum River at Main St (Co Rd 14) in Anoka		312
MCES	Rum River 0.7		Rum River at Anoka Dam		98
MNPCA1	S000-016		rum River at bridge on pleasant street in anoka	RNC	1
MNPCA1	S000-016		rum River at bridge on pleasant street in anoka	CWPCROWR	1
MNPCA1	S000-016		rum River at bridge on pleasant street in anoka	MILE	47
MNPCA1	S000-016		rum River at bridge on pleasant street in anoka		9
MNPCA1	S003-183		rum r at dam behind anoka city hall, n of us-10 in anoka	ANOKA	7
MNPCA1	S003-189		rum r at cr-116, 2 mi n of anoka	ANOKA	3

Aquatic life FS =Chloride FS 0/100[7] DO12 -- 0/340[10] DO5\_9am FS 0/18[6] DO5\_All FS 0/176[9] DO7 FS 0/164[10] +DOFinal IF[9] =pH FS 0/704[11] =Turbid\_TT\_TSS FS 7/358[10](7/358[10] --/--[0/2[1]) +Un-ionized ammonia FS 0/278[10]

Aquatic recreation IF +E. coli IF 0/30Ind 1/2mo

Ecoregion norms EX +BOD5 OK 0/12[3] =NO2&NO3 EX 16/40[8] =Phosphorus EX 5/36[8]

<b>07010207-558</b>	<b>3A</b>	<b>0.4</b>	<b>Unnamed creek (Seastade Creek)</b>	<b>Unnamed cr to Lk Mille Lacs</b>	<b>2B, 3B</b>
MNPCA1	S001-580		seastade ck at mn-18 brg, 2 mi e of wealthwood	CSMP	19
MNPCA1	S001-580		seastade ck at mn-18 brg, 2 mi e of wealthwood	MILLAC-S	21
MNPCA1	S001-580		seastade ck at mn-18 brg, 2 mi e of wealthwood	MILLACSL	1

Aquatic life NS +Chloride FS 0/11[2] DO12 -- 8/21[3] DO5\_9am NS 2/3[2] DO5\_All NS 7/13[3] DO7 NS 1/8[2] !!!DOFinal NS[[1]] +pH FS 0/38[3] +Turbid\_TT\_TSS FS 2/40[5](--/--[2/40[5] --/--[--])

Ecoregion norms EX +Phosphorus EX 9/21[2]

<b>07010207-559</b>	<b>3D</b>	<b>2.4</b>	<b>Peterson Creek</b>	<b>Unnamed cr to Lk Mille Lacs</b>	<b>2B, 3B</b>
MNPCA1	S001-287		Peterson Creek, culvert under sh-27	MILLACSL	8
MNPCA1	S001-287		Peterson Creek, culvert under sh-27	MILLAC-S	18
MNPCA1	S001-466		peterson ck at mn-47 6.2 mi s of malmo	CSMP	56

Aquatic life NS +Chloride FS 0/9[2] DO12 -- 2 26[3] DO5\_All NS 2/14[3] DO7 FS 0/12[3] +DOFinal IF[[1]] +pH FS 0/46[3] =Turbid\_TT\_TSS FS 1/65[9](--/--[1/65[9] --/--[--])

Ecoregion norms EX +Phosphorus EX 17/25[3]

<b>07010207-560</b>	<b>3D</b>	<b>0.4</b>	<b>Unnamed ditch (County Ditch 10)</b>	<b>Unnamed ditch to Lk Francis</b>	<b>2B, 3B</b>
MNPCA1	S001-310		co dtch 10, 3.5 mi w of isanti	CSMP	36
MNPCA1	S001-310		co dtch 10, 3.5 mi w of isanti	LAKE	13

Aquatic life FS +Chloride FS 0/9[1] =Turbid\_TT\_TSS FS 0/56[3](--/--[0/34[2] 0/22[1])

Ecoregion norms EX +Phosphorus EX 2/11[1]

<b>07010207-561</b>	<b>3D</b>	<b>4.4</b>	<b>County Ditch 15</b>	<b>Headwaters to Rum R</b>	<b>2B, 3B</b>
MNPCA1	S001-604		co dtch no. 15, 5 mi sw of isanti	CSMP	169

Aquatic life FS =Turbid\_TT\_TSS FS 10/169[9](--/--[10/169[9] --/--[--])

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Agency	Station		Location				Project
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<b>07010207-575</b>	<b>5C</b>	<b>2.3</b>	<b>Crooked Brook</b>	<b>CD 28 to Cedar Cr</b>	<b>2B, 3B</b>
MNPCA1	S003-211		crooked bk (dtch 67) at csah-22, 10 mi n of blaine		ANOKA 17
MNPCA1	S004-169		unn strm (dtch 13-28) just e of mn-65, 4.5 mi n of ham lake		ANOKA 5

Aquatic life IF =Chloride FS 0/17[2] <pH FS 3/34[2]  
 Ecoregion norms EX =Phosphorus EX 5/17[2]

<b>07010207-578</b>	<b>2</b>	<b>4.0</b>	<b>County Ditch 6</b>	<b>Headwaters to Rum R</b>	<b>2B, 3B</b>
MNPCA1	S003-178		cty dtch 6 at valley dr, 5.5 mi of anoka		ANOKA 9
MNPCA1	S003-179		cty dtch 6 at csah-9 (round lk blvd), 5.5 mi ne of anoka		ANOKA 9
MNPCA1	S003-180		cty dtch 6 at 164th lane nw, 5.5 mi ne of anoka		ANOKA 8
MNPCA1	S003-181		cty dtch 6 at ivywood st nw, 6 mi ne of anoka		ANOKA 8
MNPCA1	S003-182		cty dtch 6 at verdin st nw, 5.5 mi ne of anoka		ANOKA 9
MNPCA1	S003-191		cty dtch 6 at tulip st nw, 5 mi ne of anoka		ANOKA 6
MNPCA1	S003-197		unn dtch (dtch 6) at 169th lane, 6 mi n of anoka		ANOKA 8

Aquatic life IF =Chloride FS 0/51[2] =pH FS 2/34[2]  
 Ecoregion norms EX =Phosphorus EX 5/16[2]

<b>07010207-579</b>	<b>3B</b>	<b>2.8</b>	<b>Unnamed creek</b>	<b>Headwaters to Rum R</b>	<b>2B, 3B</b>
MNPCA1	S003-185		unn trib (cty dt 66) at 160th lane nw, 4.5 mi n of anoka		ANOKA 1
MNPCA1	S003-186		unn trib (cty dt 66) at dysporsium st nw, 4.5 mi n of anoka		ANOKA 14
MNPCA1	S003-198		unn dtch (dtch 66) at xenon st, 5 mi n of anoka		ANOKA 2
MNPCA1	S003-199		unn dtch (dtch 66) at csah-5, 5 mi n of anoka		ANOKA 1
MNPCA1	S003-354		unn dtch at wolfram st, 5 mi n ramsey, minnesota		ANOKA 2
MPCAB	99UM009		tributary to Rum River; Rum River Scout Camp, ~ .5 mi. E. of S.R. 47, 2.0 mi. E. of Ramsey		EMAP 2

Aquatic life FS =Chloride FS 0/20[2] <pH FS 3/32[3] <Turbid\_TT\_TSS FS 2/21[3](2/11[3] --/--) 0/10[1]  
 Ecoregion norms EX =Phosphorus EX 2/15[3]

<b>07010207-580</b>	<b>3B</b>	<b>3.6</b>	<b>County Ditch 18</b>	<b>Headwaters to Rum R</b>	<b>2B, 3B</b>
MNPCA1	S003-193		cty dtch 18 at poppy st nw, 1 mi s of st. francis		ANOKA 9
MNPCA1	S003-194		cty dtch 18 at csah-9, 1 mi se of st. francis		ANOKA 12
MNPCA1	S004-025		cd 18 at csah-24 (229th ave nw), 0.6 mi e of st francis		ANOKA 5

Aquatic life FS =Chloride FS 0/21[3] =pH FS 2/42[3] +Turbid\_TT\_TSS FS 1/23[3](0/19[3] --/--) 1/4[1]  
 Ecoregion norms EX =Phosphorus EX 8/21[3]

<b>07010207-583</b>	<b>4A</b>	<b>3.1</b>	<b>Rum River</b>	<b>Ogechie Lk to Shakopee Lk</b>	<b>2B, 3B</b>
MNPCA1	S002-039		ogechie wtld (buckmore dam) olt from rum r 2.5 mi s vineland		OGECHIE 7
MNPCA1	S002-039		ogechie wtld (buckmore dam) olt from rum r 2.5 mi s vineland		CSMP 7
MNPCA1	S004-340		rum r at csah-26, 4.5 mi nw of onamia, mn		CSMP 41

Aquatic life FS +pH FS 0/12[1] +Turbid\_TT\_TSS FS 0/51[4](0/3[1] 0/48[3] --/--)

<b>AUID</b>	<b>Category</b>	<b>Miles</b>	<b>Reach Name</b>	<b>Basin: UM</b>	<b>Reach Description</b>	<b>Use Class</b>	Date Printed: 3/4/2009	
Agency	Station		Location				Project	
Assess Type	PreLim Assess		Parameter name, assessment, # of samples exceeding standard or norm/total # of samples. Biological: assessment-IBI score-[threshold]					#Sample Dates

<b>07010207-603</b>	<b>3A</b>	<b>4.5</b>	<b>Unnamed creek</b>	<b>Lk Francis to Rum R</b>	<b>2B, 3B</b>	
MNPCA1	S004-110		unn str (lk francis outlet) at dam, 3.5 mi nw of isanti		LAKE	13
Aquatic life	IF		+Chloride FS 0/8[1]			
Ecoregion norms	EX		+Phosphorus EX 7/11[1]			

### Turbidity

Turbidity-related data is summarized as in the following example:  
 +Turbid\_TT\_TSS FS 0/51[4](0/3[1] 0/48[3] --/--[--])  
 Aquatic life use support assessment based on turbidity (FS)  
 Total violations / Total observations [Total number of years] (0/51[4]) (This total may be only turbidity data if there are 20 or more turbidity observations.)  
 Turbidity violations / Total turbidity observations [Years of turbidity data] (0/3[1])  
 Transparency Tube violations / Total TTube observations [Years of TTube data] (0/48[3])  
 Total Suspended Solids violations / Total TSS observations [Years of TSS data] (--/--[--]) (In this particular case, there is no TSS data.)

### E. coli

The E.coli standard is applicable from April 1-October 31 for Class 2 waters and May 1 - October 31 for Class 7 waters. The standard (as interpreted for assessment purposes) has two parts  
 1. No more than ten percent of all the individual values can exceed the maximum value of 1260  
 2. The geometric mean of all values in a calendar month cannot exceed 126 (Class 2) or 630 (Class 7)

E. coli data are summarized as in the following example:  E.coli NS 0/34 Ind 1/4 mo  
 The first two letters represent the preliminary assessment; FS=Full Support NS=Non Support.  
 The second 'phrase' represents the number of values that exceed the maximum value of 1260 and the total number of values (followed by 'Ind' to represent individual values)  
 The third phrase represents the number of months with geometric means that exceed the [Class 2 or Class 7] standard and the total number of months with at least 5 values (at least 5 values are required to calculate a geometric mean) followed by 'mo' to represent months)

In this example there are a total of 34 observations/values  
 No values exceeded the maximum standard of 1260  
 There were 4 months with at least 5 values; a geometric mean was calculated for each calendar month (data aggregated across years).  
 One month (out of four) had a geometric mean that exceeded the [Class 2 or Class 7] standard

### Dissolved Oxygen

A stream is considered impaired if 1) more than 10% of the "suitable" (taken before 9am) May through September measurements, or more than 10% of the total May through September measurements, or more than 10% of the October through April measurements violate the standard and 2) there are at least 3 total violations. A designation of "full support" requires at least 20 "suitable" measurements from a set of monitoring data that adequately represents at least two overall monitoring seasons.

Dissolved oxygen data is summarized as in the following example:  
 DO12 -- 1/340[10] DO5\_9am FS 0/18[6] DO5\_All FS 1/176[9] DO7 FS 0/164[10] +DOFinal IF[[9]]

The first 4 "phrases" represent the number of exceedances, the total number of observations, and the number of years for 1) all measurements, 2) measurements taken May through September before 9am, 3) all measurements taken May through September, and 4) measurements taken October through April.  
 The fifth "phrase" represents the overall DO assessment and the number of years that have at least 5 data points.  
 In the above example:  
 For Jan-Dec [DO12] there is 1 exceedance out of 340 total observations over 10 years.  
 For May-Sep before-9am measurements [DO5\_9am] there are no exceedances out of 18 total observations over 6 years.  
 For May-Sep [DO5\_All] there is 1 exceedance out of 176 total observations over 9 years.  
 For Oct-Apr [DO7] there are no exceedances out of 164 total observations over 10 years.  
 The overall DO assessment is IF (because of insufficient summer measurements before 9am) and 9 years have at least 5 data points.