

**August 24, 2010**

**Iowa's 2008 list of waters in need of further investigation (WINOFI)**

The state list of waters in need of further investigation is required by Iowa's Credible Data Law and is comprised of waters in categories 2b and 3b of Iowa's Integrated Report.

WINOFI waters are those where limited information suggests, but does not conclusively demonstrate, a water quality impairment.

Waterbodies are listed hydrologically by major basin and by subbasin (I.e., by waterbody ID number).

Explanations of Integrated Report categories:

Category 1: all designated uses are met.

Category 2a: at least one designated use is met, but insufficient information exists to assess other uses.

Category 2b: at least one designated use is met with at least one other designated use assessed as potentially impaired.

Category 3a: insufficient data exist to determine whether any designated uses are met.

Category 3b: insufficient data exist to determine whether any designated uses are met but at least one use is potentially impaired.

Category 4a: at least one use is impaired, but a TMDL has been completed and approved

Category 4b: at least one use is impaired, but other required control measures are expected to result in attainment of WQ Standards

Category 4c: at least one use impaired, but the impairment is not caused by a "pollutant."

Category 4d: water is impaired by a fish kill but enforcement actions have been taken against responsible party

Category 5a: cause of impairment due to known pollutant

Category 5b: biological impairment with cause unknown, or fish-kill impairment

Category 5p: impairment of presumptive use; EPA-approved UAA needed to determine appropriate use.

Waterbodies are listed hydrologically by major basin and by subbasin (I.e., by Section 305(b) waterbody ID number).

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
5a	5a	IA 01-MAQ-00680-L_0	Silver Lake	N	N	ammonia	Ambient lake monitoring shows occasional violations of chronic aquatic life criteria for ammonia suggesting potential impairment.	N	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
2b	2a	IA 01-MAQ-0080_0	Maquoketa River	N	Y	bacteria	Limited data from watershed monitoring group suggests potential impairment of primary contact uses.	N	N
3b	3b	IA 01-MAQ-01160-L_0	Goose Lake	N	N	siltation	Potential impairment due to sediment accumulation and loss of surface area.	Y	Y
3b	1	IA 01-MAQ-0140_2	Bear Creek	N	Y	fish kill	Fish kill in August 2007; no cause or source identified.	N	N
3b	3b	IA 01-MAQ-0142_0	Little Bear Creek	N	N	fish kill	Fish kill in August 2004 attributed to natural causes; no specific cause or source identified.	Y	N
2b	3a	IA 01-MAQ-0235_0	Sand Creek	N	Y	bacteria	Limited data from watershed monitoring group suggests potential impairment of primary contact uses.	N	N
2b	1	IA 01-MAQ-0240_0	Coffins Creek	N	Y	bacteria	Limited data from watershed monitoring group suggests potential impairment of primary contact uses.	N	N
3b	3a	IA 01-MAQ-0250_0	Honey Creek	N	Y	bacteria	Limited data from watershed monitoring group suggests potential impairment of primary contact uses.	N	N
3b	3b	IA 01-NEM-00230-L_0	Green Island Lake	N	N	siltation	IDNR Wildlife Bureau reports sedimentation impacts.	Y	Y

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2b	5a	IA 01-NEM-0030_1	Mississippi River	Y	Y	aluminum	Insufficient data to identify aquatic life impairment based on chronic criteria violations.	N	N
3b	3a	IA 01-NEM-0030-L_0	Frenchtown Lake	N	Y	fish kill	Fish kill in August 2007 attributed to naturally occurring low dissolved oxygen.	N	N
3b	3b	IA 01-NEM-0050_2	Muscatine Slough	N	N	biological	Potential biological impairment based on 2002 REMAP data; no biological assessment protocol for small headwater streams.	Y	Y
3b	3b	IA 01-NEM-0061_0	Duck Creek	N	N	biological	Potential biological impairment based on 2002 REMAP data; no biological assessment protocol for small headwater streams.	Y	Y
3b	3b	IA 01-NMQ-0050_1	Lytle Creek	N	N	biological	Potential decline in freshwater mussel community; low species richness in 1985 and 1998.	Y	Y
3b	3b	IA 01-NMQ-0130_0	Durion Creek	N	N	fish kill	Pollutant-caused fish kill in 2000; restitution sought; no subsequent kills reported.	Y	N
3b	3a	IA 01-TRK-03817_0	Unnamed tributary to Silver Cr	N	Y	bacteria and biological	2006-07 TMDL monitoring suggest potential biological and bacteria impairments; ammonia impairment placed in Category 5.	N	N
3b	3b	IA 01-TRK-03835_0	Unnamed Creek (west Of Elkader)	N	N	fish kill	Pollutant-caused fish kill in 2000; restitution sought; no subsequent kills reported.	Y	N

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3b	3b	IA 01-TRK-0399_0	Unnamed Tributary to Otter Creek	N	N	biological	Potential biological impairment based on 2002 REMAP data; no biological assessment protocol for small headwater streams; also, fish kill in 2002, cause unknown.	Y	Y
3b	1	IA 01-TRK-0412_2	Dibble Creek	N	Y	biological	Potential biological impairment based on 2004 biocriteria data; no biological assessment protocol for small headwater streams. Errors in FIBI and BMIBI scores from 2006 cycle corrected.	N	N
3b	1	IA 01-TRK-0430_2	Little Turkey River	N	Y	fish kill	Fish kill in September 2005; cause and source remain unknown.	N	N
3b	3b	IA 01-TRK-0445_0	Simpson Creek	N	N	fish kill	Pollutant (animal waste)-caused fish kill in 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 01-TRK-0453_0	Brockamp Creek	N	N	fish kill	Pollutant (animal waste)-caused fish kill in 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 01-TRK-0457_2	Wonder Creek	N	N	fish kill	Pollutant (milk waste)-caused fish kill in 2000; restitution sought; no subsequent kills reported.	Y	N

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3b	3b	IA 01-TRK-0463_0	Unnamed Tributary to Bohemian Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 01-UIA-0120_2	Upper Iowa River	N	N	Nutrients; habitat alterations; siltation	Potential decline in freshwater mussel community; low species richness in 1985 and 1998.	Y	Y
3b	3b	IA 01-UIA-0430_0	Staff Creek	N	N	fish kill	Pollutant (animal waste)-caused fish kill in 2002; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 01-WPS-0005-L_0	Princeton State Wildlife Area	N	N	siltation	IDNR Wildlife Bureau reports potential sedimentation impacts due to flooding.	Y	Y
3b	3b	IA 01-WPS-00180-L_0	Muskrat Slough	N	N	siltation	IDNR Wildlife Bureau reports potential sedimentation impacts.	Y	Y
3b	3b	IA 01-WPS-0020_2	Wapsipinicon River	N	N	biological	Potential biological impairment based on 2003 REMAP; no biological assessment protocol for nonwadeable rivers.	Y	N
2b	5a	IA 01-WPS-0020_3	Wapsipinicon River	Y	Y	fish kill	Fish kill due to natural causes in 2005. Bacterial impairment from 2006 cycle proposed for de-listing.	N	N
3b	3a	IA 01-WPS-0020_5	Wapsipinicon River	N	Y	fish kill	Fish kill due to unknown causes in 2006.	N	N

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3b	3b	IA 01-WPS-00260-L_0	Troy Mills Marsh	N	N	siltation	IDNR Wildlife Bureau reports potential sedimentation impacts.	Y	Y
3b	3b	IA 01-WPS-0040_0	Lost Creek	N	N	biological	Potential biological impairment based on 2004 Biocriteria sampling (BMIBI); artificial substrates dried, and results are considered biased.	Y	N
3b	3a	IA 01-WPS-0115_0	Helmer Creek	N	Y	biological	Potential biological impairment based on 2005 REMAP data; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 01-WPS-0153_0	Unnamed Creek (near Hazleton)	N	N	fish kill	Pollutant (animal waste)-caused fish kill in 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 01-WPS-01905-L_0	Sweet Marsh Reservoir	N	N	siltation	IDNR Wildlife Bureau reports potential sedimentation impacts.	Y	Y
3b	3b	IA 01-WPS-01906-L_0	Sweet Marsh Segment C	N	N	siltation	IDNR Wildlife Bureau reports potential sedimentation impacts.	Y	Y
3b	3b	IA 01-WPS-01907-L_0	Sweet Marsh Segment B	N	N	siltation	IDNR Wildlife Bureau reports potential sedimentation impacts.	Y	Y
3b	3b	IA 01-WPS-01908-L_0	Sweet Marsh Segment A	N	N	siltation	IDNR Wildlife Bureau reports potential sedimentation impacts.	Y	Y
3b	3a	IA 01-WPS-0200_3	Little Wapsipinicon River	N	Y	fish kill	Fish kill due to unknown causes in 2006.	N	N

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3b	3b	IA 01-WPS-0225_0	Unnamed Creek (near Riceville)	N	N	fish kill	Pollutant (ag-chem dealer runoff)-caused fish kill in 2000; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 01-WPS-0240_0	Cedar Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 01-WPS-0253_0	Unnamed Tributary to North Fork Walnut Creek	N	N	biological	Potential biological impairment based on 2002 REMAP data; no biological assessment protocol for small headwater streams.	Y	Y
3b	3b	IA 01-YEL-0010_1	Miners Creek	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	3a	IA 02-CED-00486-L_0	Alice Wyth Lake	N	Y	fish kill	Fish kill in December 2005 attributed to natural causes.	N	N
3b	3a	IA 02-CED-00490-L_0	Fisher Lake	N	Y	fish kill	Fish kill in August 2006 attributed to natural causes.	N	N
3b	3a	IA 02-CED-0090_1	Cedar River	N	Y	fish kill	Fish kill in July 2006 attributed to natural causes.	N	N
3b	3a	IA 02-CED-0100-L_0	Cedar River	N	Y	fish kill	Fish kill in July 2007 attributed to natural causes.	N	N

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5p	2b	IA 02-CED-0110_1	Cedar River	N	Y	biological	Potential biological impairment based on 2002 Biocriteria sampling (BMIBI); no biological assessment protocol for nonwadeable rivers. New 5p impairment of Class A1 uses.	Y	Y
3b	3b	IA 02-CED-0153_0	West Branch Wapsinonoc Creek	N	N	fish kill	Feedlot-related fish kill in August 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 02-CED-0312_0	Little Wolf Creek	N	N	biological	Potential biological impairment based on 2004 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 02-CED-0350_2	Poyner Creek	N	N	fish kill	Pollutant (animal waste)-caused fish kill in 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 02-CED-0432_2	Middle Fork South Beaver Creek	N	N	biological	Potential biological impact based on IDNR/UHL TMDL monitoring in 2001; IDNR's biological assessment protocol is not applicable to small headwater streams.	Y	Y
3b	3b	IA 02-CED-0440_4	Quarter Section Run	N	N	biological	Potential biological impairment based on 2004 REMAP data; no biological assessment protocol for small headwater streams.	Y	Y



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3b	3b	IA 02-CED-0540_2	Deer Creek	N	N	fish kill	Pollutant (fertilizer spill)-caused fish kill in 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 02-ICD-00345_0	Unnamed Creek (aka Ray Lake Drain)	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
5a	2b	IA 02-IOW-0010_3	Iowa River	N	Y	biological	Potential biological impairment based on 1999-2002 ambient biological (macroinvertebrate) sampling (BMIBI); no biological assessment protocol for nonwadeable rivers. New (5a) bacterial impairment for 2008.	Y	N
2b	1	IA 02-IOW-0030_2	Iowa River	N	Y	fish kill	Fish kills in April 2006 and March 2007 attributed to natural causes (temperature fluctuation).	N	N
3b	3b	IA 02-IOW-00410-L_0	Hawkeye Wildlife Area	N	N	siltation	IDNR Wildlife Bureau reports potential sedimentation impacts.	Y	Y
2b	2b	IA 02-IOW-0050_2	Iowa River	N	N	bacteria	Limited data from USGS greater than 10 years old suggest potential bacterial impairment.	Y	Y
3b	3a	IA 02-IOW-0070_6	Iowa River	N	Y	fish kill	Fish kill in August 2006 attributed to natural causes (algal bloom; DO sag).	N	N

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2b	2b	IA 02-IOW-00890-L_0	Morse Lake	N	N	nutrients	IDNR Wildlife Bureau reports potential nutrient impacts.	Y	Y
3b	3b	IA 02-IOW-0091_1	North Fork Long Creek	N	N	fish kill	Pollutant (municipal wastewater)-caused fish kill in August 1999; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 02-IOW-0147_0	Miller Creek	N	N	biological	Potential biological impairment based on 2002 REMAP data; no biological assessment protocol for small headwater streams.	Y	Y
5a	2a	IA 02-IOW-01810-L_0	Hannen Lake	N	Y	ammonia	Ambient lake monitoring shows occasional violations of chronic aquatic life criteria for ammonia suggesting potential impairment.	N	N
3b	3b	IA 02-IOW-02015-L_0	Otter Creek Marsh	N	N	siltation	Potential impairment due to flooding/sedimentation impacts; information from IDNR Wildlife Bureau	Y	Y
5a	2a	IA 02-IOW-02095-L_0	Otter Creek Lake	N	Y	ammonia	Ambient lake monitoring shows occasional violations of chronic aquatic life criteria for ammonia suggesting potential impairment.	N	N
3b	3b	IA 02-IOW-0282_0	South Fork Iowa River	N	N	fish kill	Pollutant (municipal wastewater)-caused fish kill in September 2001; restitution sought; no subsequent kills reported.	Y	N

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5a	2b	IA 02-IOW-0335-L_0	Upper Pine Lake	N	Y	fish kill	Potential impairment: fish kill in 2005, cause attributed to spawning stress. Category 5a impairment (algae) impairment is new for 2008.	Y	N
3b	3b	IA 02-IOW-04045-L_0	West Twin Lake	N	N	siltation; nutrients	Potential sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
5a	4a	IA 02-IOW-04095-L_0	Crystal Lake	N	Y	ammonia	Ambient lake monitoring shows occasional violations of chronic aquatic life criteria for ammonia suggesting potential impairment.	N	N
2b	2b	IA 02-SHL-0020_2	Shell Rock River	N	N	algae; indicator bacteria	Potential impairment of primary contact recreation uses; too few samples from MN PCA monitoring in 2000-01 for accurate assessment. GM < WQC but > 10% of samples > single-sample maximum.	Y	N
3b	3b	IA 02-SHL-0030_0	Elk Creek	N	N	biological: habitat alterations	Potential biological impact based on 2000 Biocriteria sampling; proximity to Elk Creek Marsh likely influenced results.	Y	Y
3b	3b	IA 02-SHL-00390-L_0	Elk Creek Marsh	N	N	siltation	Potential sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y

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3b	3b	IA 02-WFC-00260-L_0	Big Marsh	N	N	siltation	Potential sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 02-WFC-0033_1	Feddeke Creek	N	N	fish kill	Pollutant (agricultural fertilizer)-caused fish kill in April 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 02-WFC-0033_2	Feddeke Creek	N	N	fish kill	Pollutant (agricultural fertilizer)-caused fish kill in April 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3a	IA 02-WFC-0146_0	Unnamed Tributary to Unnamed Tributary of West Fork Cedar River	N	Y	fish kill	Fish kill in August 2007; cause unknown.	N	N
3b	3b	IA 02-WIN-00210-L_0	Rice Lake	N	N	algae; nutrients	Potential algal turbidity impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 02-WIN-0025_0	Cheslea Creek	N	N	fish kill	Pollutant (glue spill)-caused fish kill in Septebmer 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 02-WIN-00305-L_0	Black Pit	N	N	fish kill	Potential impairment: fish kill in June 2005, cause unknown.	Y	N
3b	3b	IA 02-WIN-00370-L_0	Clear Lake Marsh	N	N	siltation	Potential impairment due to malfunctioning diversion structure; information from IDNR Wildlife Bureau	Y	Y

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3b	3b	IA 02-WIN-0081_0	Beaver Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data: potential problem with low DO; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 02-WIN-00850-L_0	Wild Goose Slough	N	N	flow alteration	Potential impairment of wetland quality due to road construction; information from IDNR Wildlife Bureau	Y	Y
3b	3a	IA 02-WIN-0090_0	Pike Run	N	Y	biological	Potential biological impairment based on 2006 biocriteria data; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 03-NSK-0020_1	North Skunk River	N	N	biological	Potential biological impairment based on 2002 biocriteria data; IDNR's biological assessment protocol not calibrated for larger rivers.	Y	Y
3b	3b	IA 03-NSK-00337_0	Troublesome Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 03-NSK-0038_0	Smith Creek	N	N	fish kill	Pollutant (land-applied manure) caused fish kill in November 2001; restitution sought; no subsequent kills reported.	Y	N

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3b	3b	IA 03-NSK-0042_0	Buck Creek	N	N	biological: habitat alterations; siltation	Potential biological impairment based on 2001 Biocriteria data; no biological assessment protocol for small headwater streams.	Y	Y
3b	3b	IA 03-NSK-0070_0	West Fork Unnamed Tributary to Arbor Lake	N	N	biological	Potential biological impairment based on 2003 TMDL data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 03-NSK-0071_0	East Fork Unnamed Tributary to Arbor Lake	N	N	biological	Potential biological impairment based on 2003 TMDL data; no biological assessment protocol for general use-only streams.	Y	N
5p	2b	IA 03-SKU-0090_1	Cedar Creek	N	Y	biological	Potential biological impairment based on 2000-02 biocriteria sampling; no biological assessment protocol for nonwadeable rivers. New (5p) bacterial impairment for 2008.	Y	Y
3b	3b	IA 03-SKU-0135_0	Unnamed Creek (near West Chester)	N	N	fish kill	Pollutant (runoff from open feedlot)-caused fish kill in August 2000; restitution sought; no subsequent kills reported.	Y	N

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5p	3b	IA 03-SSK-0020_1	South Skunk River	N	Y	biological	Potential biological impairment based on 2001 Biocriteria sampling; no biological assessment protocol for nonwadeable rivers. New (5p) bacterial impairment for 2008.	Y	Y
3b	3b	IA 03-SSK-0030_1	South Skunk River	N	N	fish kill	Pollutant-caused (watermain break) fish kill in August 2000; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 03-SSK-0030_4	South Skunk River	N	N	biological: habitat alterations; fish kill	Potential biological impairment based on 1997 biocriteria data; no biological assessment protocol for small headwater streams. Also, fish kill in 2001 caused by liquid fertilizer; no subsequent kills.	Y	N
3b	3b	IA 03-SSK-00450-L_0	Hendrickson Marsh	N	N	siltation	Potential sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 03-SSK-0080_2	Bear Creek	N	N	biological: habitat alterations	Potential biological impairment based on 1997 and 2003 Biocriteria data; no biological assessment protocol for small headwater streams.	Y	Y

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3b	3b	IA 03-SSK-0100_0	Drainage Ditch 71	N	N	biological: habitat alterations	Potential biological impairment based on 1997 Biocriteria data; no biological assessment protocol for small headwater streams.	Y	Y
3b	3a	IA 03-SSK-0120_0	Squaw Creek	N	Y	biological	Potential biological impairment based on UHL/IGSB biological (fish) monitoring data from 2002-2005; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 04-BLU-00800-L_0	Burt Lake (aka, Swag Lake)	N	N	nutrients	Potential nutrient impacts; information from IDNR Wildlife Bureau.	Y	Y
2b	2b	IA 04-EDM-0010_4	East Fork Des Moines River	N	N	fish kill	Potential impairment: fish kill in February 2004, cause unknown; possibly natural (winterkill).	Y	N
3b	3b	IA 04-EDM-00190-L_0	Union Slough	N	N	siltation	Potential NPS sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 04-EDM-0040_0	Lotts Creek	N	N	fish kill	Pollutant-caused (nitrogen fertilizer pipeline) fish kill in December 2001; restitution sought; no subsequent kills reported.	Y	N



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3b	3b	IA 04-EDM-0041_0	Lotts Creek	N	N	biological: organic enrichment / low DO; habitat alterations; siltation	Potential biological impairment based on 2002 REMAP biological and continuous DO/temperature data; neither numeric criteria nor IDNR's biological assessment protocol are applicable to general use-only streams.	Y	Y
3b	3b	IA 04-EDM-0105_0	Little Buffalo Creek	N	N	biological	Potential biological impairment based on 2004 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
5b	5b	IA 04-FOX-0010_2	Fox River	Y	N	ammonia	USGS monitoring in 1998-99 shows occasional violations of chronic aquatic life criteria for ammonia suggesting potential impairment.	N	N
3b	3a	IA 04-FOX-0011_0	Fox River	N	Y	biological	Potential biological impairment based on 2006 REMAP data; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 04-FOX-00165-L_0	Lake Fisher	N	N	fish kill	Potential impairment: fish kill in March 2004, cause unknown; possibly natural (winterkill).	Y	N
2b	2a	IA 04-LDM-00220-L_0	Ottumwa Park Ponds	N	Y	fish kill	Potential impairment: fish kill in August 2006 following algal bloom; summerkill.	N	N

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3b	3b	IA 04-LDM-00230-L_0	Gray Eagle Lake	N	N	fish kill	Potential impairment: fish kill in August 2005, cause unknown; possibly natural (summer kill in river backwater).	Y	N
3b	3b	IA 04-LDM-0055_0	Lick Creek	N	N	biological: habitat alterations	Potential biological impairment based on 2003 biocriteria data; no biological assessment protocol for small headwater streams.	Y	N
3b	3a	IA 04-LDM-01396-L_0	Upper Albia Reservoir	N	Y	fish kill	Potential impairment: fish kill in September 2005 following algal bloom; summerkill.	N	N
3b	3b	IA 04-LDM-0175-L_0	Lahart Area	N	N	siltation	Potential NPS sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 04-LDM-0227_0	Walnut Creek	N	N	biological	Potential biological impairment based on 2000-2004 biological sampling conducted for Walnut Creek Project; no biological assessment protocol for small headwater streams.	Y	N
3b	3a	IA 04-LDM-02998_0	Unnamed Tributary to UT South Fork Middle River	N	Y	biological	Potential biological impairment based on 2006 REMAP data; no biological assessment protocol for small headwater streams.	N	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3a	IA 04-LDM-0310_0	North River	N	Y	biological	Potential biological impairment based on 2006 REMAP data; beaver dams interfered with monitoring results.	N	N
3b	3a	IA 04-LDM-03105_0	North River	N	Y	fish kill	Potential impairment: fish kill in August 2007 following algal bloom; summerkill.	N	N
3b	3a	IA 04-LDM-0350_0	Bear Creek	N	Y	biological	Potential biological impairment based on 2005 REMAP data: potential problem with low DO; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 04-RAC-00105-L_0	Grays Lake	N	N	fish kill	Potential impairment: fish kills in April 2005 and August 2006, causes unknown.	Y	N
3b	1	IA 04-RAC-0030_2	North Raccoon River	N	Y	biological	Potential biological impairment based on 2002 and 2005 REMAP data; IDNR's biological assessment protocol not calibrated for larger rivers.	N	N
3b	2a	IA 04-RAC-0040_2	North Raccoon River	N	Y	biological	Potential biological impairment based on 2002 Fisheries and 2005 REMAP data; IDNR's biological assessment protocol not calibrated for larger rivers.	N	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 04-RAC-0050_3	North Raccoon River	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	2b	IA 04-RAC-0051_0	Hickory Creek	N	Y	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	3b	IA 04-RAC-00531-L_0	Little Storm Lake	N	N	siltation; exotic species	Potential impairments due to purple loosestrife and NPS sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 04-RAC-0118_0	Unnamed Tributary to Hardin Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
2b	3a	IA 04-RAC-0124_0	Marrowbone Creek	N	Y	bacteria	Limited data from IDNR/UHL TMDL monitoring (2 samples) suggest potential impairment of presumptive primary contact uses.	N	N
2b	2b	IA 04-RAC-01390-L_0	North Twin Lake	N	N	noxious aquatic plants; fish kill	Potential impairments due to (1) high levels of bluegreen algae and (2) fish kill in May 2004 (cause unknown)	Y	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 04-RAC-01395-L_0	South Twin Lake	N	N	siltation; turbidity, exotic species	Potential impairments due to common carp and NPS sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 04-RAC-0150_2	Cedar Creek	N	N	biological: habitat alterations	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	3b	IA 04-RAC-0160_1	Cedar Creek	N	N	biological: habitat alterations	Potential biological impairment based on 2001 Biocriteria data; no biological assessment protocol for small headwater streams.	Y	Y
3b	3b	IA 04-RAC-01610-L_0	Sunken Grove Lake	N	N	nutrients; siltation; exotic species	Potential impairments due to purple loosestrife, nutrient, and sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3a	IA 04-RAC-0168_0	Powell Creek	N	Y	ammonia	Limited data from IDNR/UHL TMDL monitoring in 2004 suggest potential ammonia impairment.	N	N
2b	2a	IA 04-RAC-0180_1	South Raccoon River	N	Y	bacteria	Limited data from IDNR/UHL TMDL monitoring in 2005 suggest potential bacteria impairment.	N	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 04-RAC-0180_2	South Raccoon River	N	N	biological: habitat alterations and siltation	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	3b	IA 04-RAC-0180_3	South Raccoon River	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 04-RAC-02085-L_0	Bays Branch	N	N	siltation	Potential NPS sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3a	IA 04-RAC-0210-L_0	Lake Panorama	N	Y	fish kill	Fish kill in June 2006 (spawning stress) and August 2007 (related to algal die-off?).	N	N
2b	2b	IA 04-RAC-02220-L_0	Springbrook Lake	N	N	nutrients; siltation	Potential impairments of aquatic life uses from nutrients and siltation; information from IDNR Fisheries Bureau. Trophic state index values suggest good water quality.	Y	Y
3b	3a	IA 04-RAC-0230_2	Middle Raccoon River	N	Y	fish kill	Potential impairment: fish kill in August 2006, cause unknown.	N	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 04-RAC-02415_0	Springbrook Creek	N	N	biological	Potential biological impairment based on 2001 Biocriteria data; no biological assessment protocol for small headwater streams.	Y	Y
2b	2a	IA 04-UDM-0090_2	Des Moines River	N	Y	biological	Potential biological impairment based on 2005 REMAP data; IDNR's biological assessment protocol not calibrated for larger rivers.	N	N
3b	2a	IA 04-UDM-01060-L_0	Twelve-mile Lake	N	Y	fish kill	Potential impairment: fish kill in March 2007; cause unknown; possibly winterkill.	N	N
3b	3b	IA 04-UDM-01095-L_0	Swan Lake	N	N	fish kill	Potential impairment: fish kill in April 2004; winterkill.	Y	N
3b	3a	IA 04-UDM-01249_0	Unnamed Tributary to Little Beaver Creek	N	Y	biological	Potential biological impairment based on 2006 REMAP data; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 04-UDM-0127_0	Beaver Branch	N	N	biological	Potential biological impairment based on 2004 REMAP data; no biological assessment protocol for small headwater streams.	Y	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
5a	2b	IA 04-UDM-0180_1	Boone River	N	Y	biological	Potential biological impairment based on 2002 biocriteria and 2004 REMAP samplings; no biological assessment protocol for nonwadeable rivers. Class A1 (bacterial) impairment is new for 2008.	Y	N
2b	2a	IA 04-UDM-0190_0	Boone River	N	Y	bacteria	Limited data from IDNR/UHL TMDL monitoring in 2005 suggest potential bacteria impairment.	N	N
3b	3b	IA 04-UDM-0220_2	White Fox Creek	N	N	fish kill	Pollutant-caused (nitrogen fertilizer) fish kill in December 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 04-UDM-0225_0	White Fox Creek	N	N	fish kill	Pollutant-caused (nitrogen fertilizer) fish kill in December 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 04-UDM-0250_0	Otter Creek	N	N	biological	Potential biological impairment based on 2004 REMAP sampling; results from artificial substrates considered biased.	Y	N



2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 04-UDM-0270_2	Brushy Creek	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	2a	IA 04-UDM-0280_1	Prairie Creek	N	Y	fish kill	Potential impairment: fish kill in August 2006; cause unknown; possibly natural DO sag.	N	N
3b	3b	IA 04-UDM-0290_0	Soldier Creek	N	N	fish kill	Potential impairment: fish kill in May 2006; cause unknown; possibly stormwater runoff. Deleted reference to potential impairment based on 1994 stream use assessment.	Y	Y
3b	3b	IA 04-UDM-03110-L_0	Lizard Lake	N	N	siltation; exotic species	Potential impairments due to purple loosestrife and NPS sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 04-UDM-0327_0	North Branch Lizard Creek	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	3b	IA 04-UDM-0328_0	North Branch Lizard Creek	N	N	biological	Potential biological impairment based on 2004 REMAP data; no biological assessment protocol for small headwater streams.	Y	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 04-UDM-0330_0	Badger Creek	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	3b	IA 04-UDM-0335_0	Deer Creek	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
2b	2b	IA 04-UDM-03395-L_0	Badger Lake	N	N	siltation; exotic species	Potential impairments of aquatic life uses from siltation and common carp; information from IDNR Fisheries Bureau.	Y	Y
3b	3b	IA 04-UDM-0340_0	Beaver Creek	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y
3b	3b	IA 04-UDM-0350_0	Indian Creek	N	N	biological	Potential biological impairment based on 1994 IDNR stream use assessment; old data from an unsupported assessment protocol.	Y	Y

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 04-UDM-0376_0	Prairie Creek	N	N	biological	Potential biological impairment based on 2001 biocriteria data; no biological assessment protocol for headwater streams.	Y	N
3b	3b	IA 04-UDM-0385_0	Silver Creek	N	N	fish kill	Potential pollutant-caused impairment: fish kill in August 2002, cause "unknown"; history of low species richness in fish community.	Y	Y
3b	3b	IA 04-UDM-0386_0	Silver Creek	N	N	fish kill	Potential impairment: fish kill in March 2004 attributed to natural (winterkill) causes.	Y	N
3b	3b	IA 04-UDM-0395_0	Drainage Ditch 151	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
5p	3b	IA 05-CHA-00301_0	Chariton River	N	Y	biological	Potential biological impairment based on monitoring by IDNR Fisheries (1999-2002) (FIBI) and on WQ monitoring conducted by Rathbun Watershed project; neither numeric criteria nor IDNR's biological assessment protocol are applicable to general use-only streams.	Y	Y

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3a	IA 05-CHA-0080_0	Shoal Creek	N	Y	biological	Potential biological impairment based on 2006 biocriteria sampling; results from artificial substrates considered biased due to low water conditions.	N	N
3b	3a	IA 05-GRA-01215_0	Unnamed Tributary to East Long Creek	N	Y	biological	Potential biological impairment based on 2006 REMAP data; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 05-GRA-0135_0	Sand Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for general use-only streams.	Y	N
3b	3b	IA 05-GRA-0140_0	Fourmile Creek	N	N	fish kill	Pollutant-caused (animal waste; land application) fish kill in September 2001; restitution sought; no subsequent kills reported.	Y	N
3b	3b	IA 05-GRA-01420-L_0	Talmdage Hill Marsh	N	N	siltation	Potential NPS sedimentation impacts; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 05-GRA-0165_0	Gooseberry Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3a	IA 05-GRA-0175_0	Lotts Creek	N	Y	biological	Potential biological impairment based on 2006 REMAP data; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 05-GRA-01950-L_0	Walnut Creek Marsh	N	N	siltation and nutrients	Potential NPS sedimentation and nutrient impacts; information from IDNR Wildlife Bureau.	Y	Y
5p	3b	IA 05-NOD-0030_1	East Nodaway River	N	Y	biological	Potential impairment based on 2004 biocriteria data. Equipment failure combined with the width and depth of the stream suggest Fish IBI results are unreliable.	Y	Y
3b	3a	IA 05-NOD-0112_0	Sevenmile Creek	N	Y	biological	Potential biological impairment based on 2006 REMAP data; no biological assessment protocol for small headwater streams.	N	N
2b	2b	IA 05-NSH-0010_0	Nishnabotna River	N	N	biological	Potential biological impairment based on 2003 REMAP sampling; IDNR's biological assessment protocol not calibrated for larger rivers.	Y	N
5p	3b	IA 05-NSH-0020_2	East Nishnabotna River	N	Y	biological	Potential biological impairment based on 2002 Biocriteria sampling; no biological assessment protocol for nonwadeable rivers.	Y	Y

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 05-NSH-0020_5	East Nishnabotna River	N	N	biological: habitat alterations	Potential biological impairment based on 2002 REMAP sampling; IDNR's biological assessment protocol not calibrated for larger rivers.	Y	N
3b	3a	IA 05-NSH-00290-L_0	Griswold Park Pond (aka Cocklin Fish Farm)	N	Y	fish kill	Potential impairment: fish kill in June 2006 attributed to natural causes (algal die-off and low DO).	N	N
3b	3b	IA 05-NSH-0038_0	Unnamed Tributary to East Nishnabotna River	N	N	biological: habitat alterations and siltation	Potential biological impairment based on 2002 REMAP data; no biological assessment protocol for small headwater streams.	Y	Y
3b	3b	IA 05-NSH-0050_1	Turkey Creek	N	N	fish kill	Pollutant-caused (animal waste) fish kill in May 2000; restitution sought; no subsequent kills reported.	Y	N
2b	1	IA 05-NSH-00580-L_0	Lake Anita	N	Y	algae and turbidity	Results of ambient lake monitoring suggest potential problem with algal turbidity.	N	N
3b	3b	IA 05-NSH-0095_0	West Nishnabotna River	N	N	biological	Potential biological impairment based on 2004 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3a	IA 05-NSH-00950-L_0	Little George Pond	N	Y	fish kill	Potential impairment: fish kill in August 2007; unknown cause; human-related source possible.	N	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3a	IA 05-NSH-0110_2	Silver Creek	N	Y	biological	Potential biological impairment based on 2006 REMAP data: sampling conducted during high-flow event; results are considered biased.	N	N
3b	3a	IA 05-NSH-0180_0	Unnamed Tributary to West Nishnabotna River	N	Y	biological	Potential biological impairment based on 2005 REMAP data; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 05-TAR-0021_0	West Tarkio Creek	N	N	biological	Potential biological impairment based on 2004 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 06-BOY-0010_0	Boyer River	N	N	biological	Potential biological impairment based on 2003 REMAP sampling; IDNR's biological assessment protocol not calibrated for larger rivers.	Y	N
2b	2b	IA 06-BOY-00263-L_0	Manteno Park Pond	N	N	siltation	Potential impairments of aquatic life uses from nutrients and siltation; information from IDNR Fisheries Bureau.	Y	Y
3b	3b	IA 06-BOY-00270-L_0	Dunlap Pond	N	N	siltation	Potential NPS sedimentation and nutrient impacts; information from IDNR Wildlife Bureau.	Y	Y

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 06-BOY-0035_0	Boyer Creek	N	N	fish kill	Potential impairment: fish kill in August 2004 attributed to natural (summer kill) causes. Potential for pasturing-related impacts.	Y	N
3b	3b	IA 06-BOY-00525_0	Unnamed Creek (nw Of Denison)	N	N	fish kill	Pollutant-caused (animal waste) fish kill in February 2000; restitution sought; no subsequent kills reported.	Y	N
5a	1	IA 06-BSR-00280-L_0	Lake Pahoja	N	Y	ammonia	Ambient lake monitoring shows occasional violations of chronic aquatic life criteria for ammonia suggesting potential impairment.	N	N
5a	5a	IA 06-BSR-0029_0	Sixmile Creek	N	N	ammonia	IDNR/UHL TMDL monitoring in 2002-03 shows two violations of chronic aquatic life criteria for ammonia suggesting potential impairment.	N	N
5p	2b	IA 06-BSR-0040_1	Rock River	N	Y	fish kill	Potential impairment: fish kill in September 2003; attributed to unknown causes.	Y	N
3b	3b	IA 06-BSR-0120_1	Klondike Creek (aka Plum Cr.)	N	N	fish kill	Pollutant-caused (animal waste) fish kill in January 2001; restitution sought; no subsequent kills reported.	Y	N
2b	5a	IA 06-LSR-00315-L_0	Dog Creek Lake	Y	Y	fish kill	Potential impairment: fish kill in June 2004; cause unknown.	N	N



2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	2a	IA 06-LSR-0050_0	Monona-Harrison Ditch	N	Y	biological	Potential biological impairment based on 2006 REMAP sampling; IDNR's biological assessment protocol not calibrated for larger rivers.	N	N
5p	3b	IA 06-LSR-0070_1	Maple River	N	Y	biological	Potential biological impairment based on REMAP sampling in 2002, 2003 and 2004; no biological assessment protocol for nonwadeable rivers.	Y	N
3b	3b	IA 06-LSR-0085_0	Maple River	N	N	biological	Potential biological impairment based on 1997 biocriteria data. Previously assessed as FST; data now too old for "monitored" assessment.	Y	N
3b	3b	IA 06-LSR-0091_0	Battle Creek	N	N	biological	Potential biological impairment based on 2004 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 06-LSR-0135_0	Unnamed Tributary to West Fork Little Sioux River	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for general use-only streams.	Y	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3a	IA 06-LSR-01495_0	Ashton Creek	N	Y	biological	Potential biological impairment based on 2006 REMAP data: potential low DO problem; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 06-LSR-0193_0	Bear Creek	N	N	biological	Potential biological impairment based on 2002 REMAP data; no biological assessment protocol for small headwater streams.	Y	Y
3b	1	IA 06-LSR-0202_0	Little Waterman Creek	N	Y	biological	Potential biological impairment based on 2002 REMAP data; (1) error in 2004 & 2006 assessments; (2) no biological assessment protocol for small headwater streams.	N	N
5p	3b	IA 06-LSR-0250_0	Ocheyedan River	N	Y	biological	Potential impairment based on 2003 REMAP data. Equipment failure combined with the width and depth of the stream suggest Fish IBI results are unreliable.	N	N
3b	3a	IA 06-SOL-0021_0	Jordan Creek	N	Y	biological	Potential biological impairment based on 2006 REMAP data; no biological assessment protocol for small headwater streams.	N	N

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impairment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
3b	3b	IA 06-SOL-0055_0	Unnamed Tributary to Norway Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
3b	3b	IA 06-WED-0042_1	Pigeon Creek	N	N	biological	Potential impairment based on 1997 Biocriteria data and on 2002 IDNR Fisheries data; no biological assessment protocol for small headwater streams.	Y	Y
3b	3a	IA 06-WED-0043_0	Potato Creek	N	Y	biological	Potential biological impairment based on 2005 REMAP data; no biological assessment protocol for small headwater streams.	N	N
3b	3b	IA 06-WED-0050_0	Lapworth Creek	N	N	biological	Potential biological impairment based on 2003 REMAP data; no biological assessment protocol for small headwater streams.	Y	N
5a	5a	IA 06-WEM-00265-L_0	Carter Lake	N	Y	ammonia	Ambient lake monitoring shows occasional violations of chronic aquatic life criteria for ammonia suggesting potential impairment.	N	N
3b	3b	IA 06-WEM-00428-L_0	Lower Decatur Lake	N	N	flow alteration	Potential impairment caused by degradation of the Missouri River channel; information from IDNR Wildlife Bureau.	Y	Y

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3b	3b	IA 06-WEM-00429-L_0	Middle Decatur Lake	N	N	flow alteration	Potential impairment caused by degradation of the Missouri River channel; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 06-WEM-00430-L_0	Decatur Lake	N	N	flow alteration	Potential impairment caused by degradation of the Missouri River channel; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 06-WEM-00453-L_0	Blackbird Bend	N	N	flow alteration	Potential impairment caused by degradation of the Missouri River channel; information from IDNR Wildlife Bureau.	Y	Y
3b	3b	IA 06-WEM-00475-L_0	Snyder Bend Lake	N	N	fish kill	Potential impairment of aquatic life uses suggested by fish kills in June 2004 and July 2005.	Y	N
3b	3a	IA 06-WEM-0050_0	Pony Creek	N	Y	biological	Potential biological impairment based on 2005 REMAP data; no biological assessment protocol for small headwater streams.	N	N

22 2b  
 178 3b  
 10 5a

**Number of new waters: 67**  
**Number also on 2006 WINOFI: 153**

2008 IR Category	2006 IR Category	ADB Code	Waterbody Name	Is waterbody proposed for de-listing?	Change in IR Category?	Cause of Potential Impair- ment	Rationale for adding to WINOFI	Also on 2006 WINOFI?	Also on 2004 WINOFI?
1	5b								
9	5p								
220	TOTAL								