June 30, 2011

EPA-approved Category 5 [Section 303(d) list] of Iowa's final 2010 Integrated Report (IR).

Category 5 waters: impaired by a pollutant and in need of a TMDL (i.e., the state's Section 303(d) list)

Iowa's 2010 final-approved Section 303(d) list contains 474 waterbodies with a total of 628 impairments.

Explanations of Subcategories for Integrated Report Category 5:

Category 5a: cause of impairment due to known pollutant

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

Category 5b-t: biologically impaired but impairment tentative; need additional monitoring to confirm impairment

Category 5b-v: biologically impaired; impairment confirmed with multiple samplings

Category 5p: impairment of presumptive use; EPA-approved use attainability analysis (UAA) is needed to determine appropriate use.

Waterbodies are listed hydrologically by major basin and by subbasin (I.e., by waterbody ID number).
Abbreviations: "low DO" = violations of water quality criterion for dissolved oxygen.

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
					Northeastern Iowa River Basins:					
5a	*5a*	N	IA 01-MAQ-0005-L_0	Shrickers Slough	approximately 2 miles SW of Camanche in Sections 5 6 and 7 of T80N R6E Clinton Co.	aquatic life	algae	impacts to backwater of Upper Mississippi River	LTRMP ambient monitoring, 2004-08	Low
5a	*5a*	N	IA 01-MAQ-0005-L_0	Shrickers Slough	approximately 2 miles SW of Camanche in Sections 5 6 and 7 of T80N R6E Clinton Co.	aquatic life	turbidity	impacts to backwater of Upper Mississippi River	LTRMP ambient monitoring, 2004-08	Low
5a	*5a*	N	IA 01-MAQ-0010_1	Rock Creek	mouth (S31 T81N R6E Clinton Co.) to unnamed tributary in SW 1/4 NE 1/4 S30 T81N R6E Clinton Co. (upstream from PCS Nitrogen).	aquatic life	low DO	> 10% of samples violate WQ criteria	Ambient monitoring by LTRMP (2006-08) and QC Analytical Services (2006-08).	Low

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5b-t	*5b*	N	IA 01-MAQ-0030_1	Elk River	mouth (Clinton Co.) to North Branch Elk River (S10 T83N R6E Clinton Co.)	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring, 2007	Low
5b	*5b*	N	IA 01-MAQ-0060_1	Maquoketa River	from N. Fk. Maquoketa R. to confluence with Farm Cr. in S10 T85N R1W Jones Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b	*5b*	N	IA 01-MAQ-0060_2	Maquoketa River	from Farm Cr. (Jones Co) to confluence with Plum Cr. in S11 T87N R4W Delaware Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5a	*5a*	N	IA 01-MAQ-0060_2	Maquoketa River	from Farm Cr. (Jones Co) to confluence with Plum Cr. in S11 T87N R4W Delaware Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL near Monticello from 2005-08	Low

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5b	*5b*	N	IA 01-MAQ-0060_3	Maquoketa River	from Plum Cr. (S11 T87N R4W Delaware Co.) to Quaker Mill Dam in S19 T89N R5W Delaware Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002; IDNR Fisheries biological monitoring in 2002, 2004 and 2006.	Low
5a	*5a*	N	IA 01-MAQ-0060_3	Maquoketa River	from Plum Cr. (S11 T87N R4W Delaware Co.) to Quaker Mill Dam in S19 T89N R5W Delaware Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring at Manchester, 2005 and L. Delhi Assoc. monitoring in 2006.	Low
5a	*2b*	Y	IA 01-MAQ-0080_0	Maquoketa River	upper end of Quaker Mill Pond to Forestville Dam at Backbone Lake (SE 1/4 S15 T90N R6W Delaware Co.).	primary contact recreation	bacteria	geometric mean > WQ criterion	Lake Delhi Assoc. monitoring, 2006	Low
5a	*5a*	N	IA 01-MAQ-0090-L_0	Backbone Lake	Backbone Lake Dam to S Fk Maquoketa R. (S16 T90N R6W Delaware Co.)	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Medium
5a	*5a*	N	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County S1T84NR3W 6 mi E of Anamosa.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County S1T84NR3W 6 mi E of Anamosa.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low

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5a	*5a*	N	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County S1T84NR3W 6 mi E of Anamosa.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-county voluntary beach monitoring program from 2006-08.	Low
5a	*5a*	N	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County S1T84NR3W 6 mi E of Anamosa.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5b	*5b*	N	IA 01-MAQ-0200_0	Silver Creek	mouth (S8 T86N R3W Jones Co.) to unnamed tributary in S10 T86N R4W Jones Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b-t	*5b*	N	IA 01-MAQ-0210_0	Buck Creek	mouth (S11 T87N R4W Delaware Co.) to Golden Branch in S11 T87N R5W Delaware Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low

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5b	*5b*	N	IA 01-MAQ-0220_1	Plum Creek	mouth (Delaware Co.) to confluence with unnamed tributary in E 1/2 S24 T89N R4W Delaware Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL 2003 biological (biocriteria) data	Low
5b	*5b*	N	IA 01-MAQ-0220_1	Plum Creek	mouth (Delaware Co.) to confluence with unnamed tributary in E 1/2 S24 T89N R4W Delaware Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5p	*3a*	Y	IA 01-MAQ-0240_0	Coffins Creek	mouth (S19 T89N R5W Delaware Co.) to unnamed tributary in S29 T89N R6W Delaware Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Lake Delhi Assoc. monitoring, 2006	Low
5p	*3b*	Y	IA 01-MAQ-0250_0	Honey Creek	mouth (S19 T89N R5W Delaware Co.) to Rutherford Branch in S26 T90N R5W Delaware Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Lake Delhi Assoc. monitoring, 2006	Low
5a	*2a*	Y	IA 01-NEM-0010_2	Mississippi River	from Lock &Dam 15 at Davenport (Scott Co.) to Lock & Dam 14 at Le Claire (Scott Co.) (= Pool 15) (Davenport water supply intake is located near river mile 484.)	aquatic life	cadmium	multiple violations of chronic criteria	Illinois EPA ambient monitoring from 2006-08.	Low

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5a	*5a*	N	IA 01-NEM-0010_2	Mississippi River	from Lock &Dam 15 at Davenport (Scott Co.) to Lock & Dam 14 at Le Claire (Scott Co.) (= Pool 15) (Davenport water supply intake is located near river mile 484.)	aquatic life	aluminum	multiple violations of chronic criteria	Illinois EPA ambient monitoring from 2006-08.	Low
5a	*5a*	N	IA 01-NEM-0010_2	Mississippi River	from Lock &Dam 15 at Davenport (Scott Co.) to Lock & Dam 14 at Le Claire (Scott Co.) (= Pool 15) (Davenport water supply intake is located near river mile 484.)	drinking water	arsenic	multiple violations of human health criteria	Illinois EPA ambient monitoring from 2006-08.	Low
5a	*5a*	N	IA 01-NEM-0010_4	Mississippi River	from Wapsipinicon R. (Scott / Clinton Co. line) to Lock & Dam 13 at Clinton (Clinton Co.)	aquatic life	aluminum	multiple violations of chronic criteria	Illinois EPA ambient monitoring from 2006-08.	Low
5a	*2a*	Y	IA 01-NEM-00160-L_0	Lake Of The Hills	Scott County S25T78NR2E 1/4 mi W of Davenport.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07 & UHL ambient lake monitoring, 2005-08	High
5a	*5a*	N	IA 01-NEM-00160-L_0	Lake Of The Hills	Scott County S25T78NR2E 1/4 mi W of Davenport.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-county voluntary beach monitoring program in 2006-08.	Low
5a	*5a*	N	IA 01-NEM-0020_1	Mississippi River	from Lock & Dam 13 at Clinton (Clinton Co.) to confluence with Catfish Cr. at south edge of Dubuque (Dubuque Co.).	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR)	Low

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5a	*5a*	N	IA 01-NEM-0020_2	Mississippi River	from Catfish Cr. at south edge of Dubuque (Dubuque Co.) to Lock & Dam 11 at north edge of Dubuque (Dubuque Co.).	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR)	Low
5a	*2a*	Y	IA 01-NEM-0030_1	Mississippi River	from Lock & Dam 11 at north side of Dubuque (Dubuque Co.) to Lock & Dam 10 at Guttenberg (Clayton Co.)	aquatic life	aluminum	multiple violations of chronic criteria	Illinois EPA ambient monitoring from 2006-08.	Low
5a	*3a*	Y	IA 01-NEM-0053_0	Mad Creek	mouth (S36 T77N R2W Muscatine Co.) to confluence with unnamed tributary in SE 1/4 S13 T77N R2W Muscatine Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDALS/DSC watershed project monitoring, 2004-09	Low
5a	*5a*	N	IA 01-NEM-0060_1	Duck Creek	mouth (S27 T78N R4E Scott Co.) to County Road (Sec 17-18 line T78N R3E Scott Co.). (Note: Segment boundary and use designations changed in 2010 to match 2009 WQ Standards.)	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring, April-October 2008	Low
5p	*5p*	N	IA 01-NEM-0060_2	Duck Creek	from Sec 17-18 line T78N R3E Scott Co. to unnamed trib (SE Sec14 T78N R2E Scott Co.). (Note: Lower segment boundary changed in 2010 to match 2009 WQ Standards.)	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring, April-October 2008	Low
5p	*3a*	Y	IA 01-NEM-0063_0	Stafford Creek	from mouth (SE1/4 S21 T78N R4E Scott Co.) to headwaters in SW1/4 S9 T78N R4E Scott Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring, April-October 2008	Low
5p	*3a*	Y	IA 01-NEM-0064_0	unnamed creek (aka Pheasant Creek)	from mouth (SW1/4NW1/4 S20 T78N R4E Scott Co.) to "ponds dam" in the NW1/4NE1/4 S6 T79N R4E Scott Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring, April-October 2008	Low

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5p	*3a*	Y	IA 01-NEM-0065_0	Goose Creek	from mouth (NE1/4 S24 T78N R3E Scott Co.) to headwaters in S27 T79N R3E Scott Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring, April-October 2008	Low
5p	*3a*	Y	IA 01-NEM-0066_0	Candlelight Creek	from mouth (SE1/4 S14 T78N R3E Scott Co.) to headwaters in NW1/4 S11 T78N R3E Scott Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring, April-October 2008	Low
5p	*3a*	Y	IA 01-NEM-0067_0	Robin Creek	from mouth (SW1/4 S14 T78N R3E Scott Co.) to headwaters in SW1/4 S10 T78N R3E Scott Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring, April-October 2008	Low
5a	*3a*	Y	IA 01-NEM-0068_1	Silver Creek	from mouth (SE1/4 SE1/4 S16 T78N R3E Scott Co.) to confluence with unnamed trib in SW1/4 S33 T79N R3E Scott Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring, April-October 2008	Low
5a	*5a*	N	IA 01-NMQ-0010_1	North Fork Maquoketa River	mouth (Jackson Co.) to confluence with Lytle Cr. S8 T85N R2E Jackson Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2006-08.	Low
5b	*3a*	Y	IA 01-NMQ-0020_1	North Fork Maquoketa River	confluence with Whitewater Cr.(S10 T86N R1W Jones Co) to Bear Cr. (S31 T89N R2W Dubuque Co.)	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low

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5b	*5b*	N	IA 01-NMQ-0020_1	North Fork Maquoketa River	confluence with Whitewater Cr.(S10 T86N R1W Jones Co) to Bear Cr. (S31 T89N R2W Dubuque Co.)	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5b-t	*5b*	N	IA 01-NMQ-0040_0	Farmers Creek	mouth (S24, T85N, R2E, Jackson Co.) to confluence with unnamed tributary in W 1/2, NW 1/4, S8, T86N, R3E, Jackson Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological sampling in 1997 and 2007.	Low
5b	*5b*	N	IA 01-NMQ-0100_1	Whitewater Creek	mouth (S10 T86N R1W Jones Co.) to confluence with Curran Branch in S12 T87N R1W Dubuque Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5p	*2a*	Y	IA 01-NMQ-0100_1	Whitewater Creek	mouth (S10 T86N R1W Jones Co.) to confluence with Curran Branch in S12 T87N R1W Dubuque Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacteria monitoring, 2008	Low
5b	*3a*	Y	IA 01-NMQ-0100_2	Whitewater Creek	confluence with Curran Branch (S12 T87N R1W Dubuque Co.) to confluence with unnamed tributary in S18 T88N R1E Dubuque Co.	aquatic life	biological: fish kill	fish kill: cause unknown; possible aerial spraying	IDNR investigation of two fish kills in August 2008	

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5b	*5b*	N	IA 01-NMQ-0110_0	Johns Creek	mouth (S26 T87N R1W Dubuque Co.) to confluence with Bakers Cr. in S36 T88N R2W Dubuque Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b	*5b*	N	IA 01-NMQ-0111_0	Johns Creek	Confluence with Bakers Creek (T88N R2W Sec36 SE) to headwaters (T88N R2W Sec11) Dubuque Co	aquatic life	biological: fish kill	fish kill in 2005; cause unknown	IDNR fish kill investigation	Low
5b	*5b*	N	IA 01-NMQ-0140_0	Bear Creek	mouth (S31 T89N R2W Dubuque Co.) to confluence with unnamed tributary in NW 1/4 S2 T89N R3W Delaware Co.	aquatic life	biological: fish kill: ammonia	fish kills in 2002, 2004, and 2005; all caused by animal waste	IDNR fish kill investigations	Low
5b	*5b*	N	IA 01-NMQ-0141_0	Bear Creek	confluence with unnamed tributary (T89N R3W Sec2 NW) to headwaters (T90N R4W Sec26) Delaware Co.	aquatic life	biological: fish kill: ammonia	fish kills in 2004 and 2005; both caused by animal waste	IDNR fish kill investigations	Low
5b-t	*5b*	N	IA 01-NMQ-0160_0	Hickory Creek	mouth (S21 T89N R2W Dubuque Co.) to confluence with unnamed tributary in S14 T89N R2W Dubuque Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1999 and 2008	High

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5b-t	*5b*	N	IA 01-TRK-0010_1	Pleasant Creek	mouth (S33 T86N R5E Jackson Co.) to W line of S11 T85N R4E Jackson Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002.	Low
5b	*5b*	N	IA 01-TRK-0090_1	Tetes Des Morts Creek	mouth (Dubuque Co.) to confluence with Lux Cr. in S7 T87N R4E Jackson Co.	aquatic life	biological: fish kill	fish kill in August 2005; cause unknown	IDNR fish kill investigation	High
5b	*5b*	N	IA 01-TRK-0090_1	Tetes Des Morts Creek	mouth (Dubuque Co.) to confluence with Lux Cr. in S7 T87N R4E Jackson Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001 and 2007	High
5a	*3a*	Y	IA 01-TRK-01005_2	Unnamed tributary to Catfish Creek	from confluence with unnamed trib in SW 1/4, S7 T88N R02E Dubuque Co. upstream for 750 feet to the outfall of Super 20 MHP WWTP in SW1/4 S7 T88N R02E Dubuque Co.)	aquatic life	wastewater impacts	violation of Iowa's narrative (free from) WQ criteria:	IDNR use attainability analysis, 2006	Low
5b-t	*5b*	N	IA 01-TRK-0180_2	Middle Fork Little Maquoketa River (a.k.a. Bankston Cr.)	from west line of S31 T90N R1E (Dubuque Co.) to north line of S33 T90N R1W Dubuque Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004	High
5a	*5a*	N	IA 01-TRK-0200_0	Turkey River	mouth (Clayton Co.) to confluence with Volga R. in S26 T92N R4W Clayton Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2006-08.	Low

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5b-t	*5b*	N	IA 01-TRK-0230_3	Little Turkey River	from the Clayton/Delaware county line to south line of S11 T90N R3W in Delaware Co.	aquatic life	biological: unknown impact on aquatic macro-invertebrates	low biotic index	UHL special project benthic macroinvertebrate sampling data, 2006.	Medium
5b-v	*5b*	N	IA 01-TRK-0240_0	Point Hollow Creek (aka White Pine Cr.)	mouth (S31 T91N R2W Clayton Co.) to spring source in S8 T90N R2W Dubuque Co.	aquatic life	biological: unknown impact on aquatic macro-invertebrates	low biotic index	2003 IDNR/UHL biological (REMAP) sampling data and 2004 UHL special project sampling.	High
5b-t	*5b*	N	IA 01-TRK-0260_0	Pecks Creek	mouth (S1 T91N R3W Clayton Co.) to south line of S15 T91N R3W Clayton Co.	aquatic life	biological: unknown impact on aquatic macro-invertebrates	low biotic index	DNR/UHL biological (REMAP) sampling in 2002 and DNR/UHL biological (TMDL) sampling in 2006.	High
5b-t	*5b*	N	IA 01-TRK-0360_3	Roberts Creek	from confluence with Silver Cr. (S16, T94N, R5W, Clayton Co.) to confluence with unnamed tributary in S8, T95N, R6W, Clayton Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological monitoring in 2000 (biocriteria) and 2002 (REMAP)	High

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5b	*5b*	N	IA 01-TRK-0381_0	Silver Creek	mouth (S16 T94N R5W Clayton Co.) to confluence with unnamed tributary in S32 T95N R5W Clayton Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2006	High
5a	*5p*	N	IA 01-TRK-0381_0	Silver Creek	mouth (S16 T94N R5W Clayton Co.) to confluence with unnamed tributary in S32 T95N R5W Clayton Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR/UHL TMDL-related water quality monitoring from 2006-08 near Monona	Low
5a	*5a*	N	IA 01-TRK-03817_0	Unnamed Tributary to UT to Silver Creek	mouth (T95N R5W Sec20) to headwaters (T95N R5W Sec14) in Monona city limits	aquatic life	ammonia	Thirteen of 18 samples exceed chronic criteria for ammonia.	IDNR/UHL TMDL-related monitoring from 2006-08.	Low
5p	*2b*	Y	IA 01-TRK-03817_0	Unnamed Tributary to UT to Silver Creek	mouth (T95N R5W Sec20) to headwaters (T95N R5W Sec14) in Monona city limits	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related monitoring from 2006-08.	Low
5p	*5p*	N	IA 01-TRK-0382_0	Silver Creek	confluence with unnamed tributary in S32 T95N R5W to headwaters(T95N R6W Sec11)	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related monitoring from 2006-08.	Low
5p	*5p*	N	IA 01-TRK-0416_0	Nutting Creek	mouth (S19 T95N R7W Fayette Co.) to confluence with unnamed tributary in S2 T95N R8W Fayette Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related monitoring from 2006-08.	Low

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5b-t	*5b*	N	IA 01-TRK-0440_4	Crane Creek	from confluence with unnamed tributary (NW 1/4 S33 T99N R13W Howard Co.) to confluence with unnamed tributary in S7 T99N R13W Howard Co. approximately 2 miles north of Saratoga.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2000 & 2006	Medium
5b	*5b*	N	IA 01-TRK-04515_0	Unnamed Tributary to Bass Creek	mouth (T95N R9W Sec5) to headwaters (T95N R9W Sec8) Fayette Co.	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in July 2004 caused by animal waste.	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 01-UIA-0010_1	Paint Creek	mouth (Allamakee Co.) to confluence with Little Paint Cr. in S32 T97N R3W Allamakee Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2000 & 2007	Low
5a	*5a*	N	IA 01-UIA-0090_0	Upper Iowa River	mouth (Allamakee Co.) to Lane's Bridge at river mile 6 (NW 1/4 S31 T100N R4W Allamakee Co.).	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2008	fish contaminant monitoring (RAFT and IDNR) in 2004 and 2006	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 01-UIA-0090_0	Upper Iowa River	mouth (Allamakee Co.) to Lane's Bridge at river mile 6 (NW 1/4 S31 T100N R4W Allamakee Co.).	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring near Dorchester, 2006-08; Upper Iowa River Watershed monitoring at Site 30 near New Albin, 2004-06.	Medium
5a	*5a*	N	IA 01-UIA-0100_0	Upper Iowa River	from Lane's Bridge (NW 1/4 S31 T100N R4W Allamakee Co.) to confluence with Canoe Cr. in S25 T99N R7W Winneshiek Co.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2008	fish contaminant monitoring (RAFT and IDNR) in 2004 and 2006	Low
5a	*5a*	N	IA 01-UIA-0100_0	Upper Iowa River	from Lane's Bridge (NW 1/4 S31 T100N R4W Allamakee Co.) to confluence with Canoe Cr. in S25 T99N R7W Winneshiek Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion; geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring near Dorchester, 2006-08; Upper Iowa River Watershed monitoring at Site 30 near New Albin, 2004-06.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 01-UIA-0110_1	Upper Iowa River	confluence with Canoe Cr. (S25 T99N R7W Winneshiek Co.) to confluence with Trout Cr. in S9 T98N R7W Winneshiek Co.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring near Decorah in 2002, 2005, 2006 and 2008.	Low
5b	*5b*	N	IA 01-UIA-0110_2	Upper Iowa River	from confluence with Trout Cr. (S9 T98N R7W Winneshiek Co.) to confluence with Tenmile Cr. in S1 T98N R9W Winneshiek Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b	*5a*	N	IA 01-UIA-0110_2	Upper Iowa River	from confluence with Trout Cr. (S9 T98N R7W Winneshiek Co.) to confluence with Tenmile Cr. in S1 T98N R9W Winneshiek Co.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring near Decorah in 2002, 2005, 2006 and 2008.	Low
5a	*5a*	N	IA 01-UIA-0110_2	Upper Iowa River	from confluence with Trout Cr. (S9 T98N R7W Winneshiek Co.) to confluence with Tenmile Cr. in S1 T98N R9W Winneshiek Co.	primary contact	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 17 near Freeport, 2004-06.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*5b*	N	IA 01-UIA-0110_3	Upper Iowa River	from confluence with Tenmile Cr. (S1 T98N R9W Winneshiek Co.) to confluence with Silver Cr. in S10 T99N R9W Winneshiek Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b	*5b*	N	IA 01-UIA-0120_1	Upper Iowa River	confluence with Silver Cr. (S10 T99N R9W Winneshiek Co.) to confluence with Silver Cr. in S2 T99N R10W Winneshiek Co.).	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b-t	*5b*	N	IA 01-UIA-0130_0	Irish Hollow Creek	mouth (S21 T100N R4W Allamakee Co.). to north line of S17 T100N R4W Allamakee Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 01-UIA-0140_0	French Creek	mouth (S1 T99N R5W Allamakee Co.) to east line of S23 T99N R5W Allamakee Co.	primary contact	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 29, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0150_0	Clear Creek	mouth (S35 T100N R5W Allamakee Co.) to north line of S15 T100N R5W Allamakee Co.	primary contact	bacteria	geometric mean >> WQ criterion	Upper Iowa River Watershed Project monitoring at Site 28, 2004-06.	Low
5p	*3a*	Y	IA 01-UIA-0160_0	Silver Creek	mouth (S4 T99N R5W Allamakee Co.) to south line of S31 T99N R5W Allamakee Co.	primary contact	bacteria	geometric mean >> WQ criterion	Upper Iowa River Watershed Project monitoring at Site 27, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0170_1	Bear Creek	mouth (S1 T99N R6W Allamakee Co.) to confluence with N. Bear Cr. in S25 T100N R7W Winneshiek Co.	primary contact	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 25, 2004-06.	Low
5b	*5b*	N	IA 01-UIA-0170_2	Bear Creek	confluence with N. Bear Cr. (S25 T100N R7W) to spring source (Mestad Spring) in S29 T100N R7W Winneshiek Co.	aquatic life	biological: fish kill	runoff-related fish kill in 1999; no cause or source identified	IDNR fish kill investigation	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 01-UIA-0180_0	Waterloo Creek	mouth (S35 T100N R6W Allamakee Co.) to IA/MN state line (S9 T100N R6W Allamakee Co.)	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 26, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0190_0	North Bear Creek	mouth (S25 T100N R6W Winneshiek Co.) to IA/MN state line (Winneshiek Co.)	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Upper Iowa River Watershed Project monitoring at Site 24, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0230_0	Patterson Creek	mouth (S29 T99N R6W Allamakee Co.) to east line of S3 T98N R6W Allamakee Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 21, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0240_1	Canoe Creek	mouth (S25 T99N R7W Winneshiek Co.) to county road W38 (S23 T99N R8W Winneshiek Co.).	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 20, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0270_0	Coon Creek	mouth (NE 1/4 S3 T99N R7W Winneshiek Co.) to road crossing in S13 T98N R7W Winneshiek Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 19, 2004-06.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 01-UIA-0280_1	Trout Creek	mouth (S9 T98N R7W Winneshiek Co.) to Smith Cr. (aka Trout River) in S21 T98N R7W Winneshiek Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 18, 2004-06.	Low
5a	*5p*	N	IA 01-UIA-0300_1	Trout Creek (aka Trout Run)	mouth (S23 T98N R8W Winneshiek Co.) to confluence with unnamed tributary (aka Trout Run) in S27 T98N R8W Winneshiek Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 16, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0320_0	Dry Run	mouth (S17 T98N R8W Winneshiek Co.) to west line of S36 T98N R9W Winneshiek Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 13, 2004-06.	Low
5b-t	*5b*	N	IA 01-UIA-0340_0	Ten Mile Creek	mouth (S1 T98N R9W Winneshiek Co.) to confluence with Walnut Cr. in S18 T98N R9W Winneshiek Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2005.	Medium
5p	*5p*	N	IA 01-UIA-0350_0	Unnamed Creek (aka Casey Spring Cr.)	mouth (S25, T99N, R9W, Winneshiek Co.) to west line of S26, T99N, R9W, Winneshiek Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Upper Iowa River Watershed Project monitoring at Site 11, 2004-06.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 01-UIA-0370_0	Pine Creek	mouth (S10 T99N R9W Winneshiek Co.) to IA/MN state line.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 10, 2004-06.	Low
5b-t	*5b*	N	IA 01-UIA-0380_0	East Pine Creek	mouth (S28 T100N R9W Winneshiek Co.) to IA/MN state line	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2003.	High
5p	*5p*	N	IA 01-UIA-0390_0	Unnamed Creek (aka Cold Water Cr.)	mouth (S32 T100N R9W Winneshiek Co.) to north line of S31 T100N R9W Winneshiek Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 9, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0403_0	Silver Creek	mouth (S2 T99N R10W Winneshiek Co.) to west line of S12 T99N R11W Howard Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 8, 2004-06.	Low
5p	*5p*	N	IA 01-UIA-0410_0	Nichols Creek (aka Bigalk Cr.)	mouth (S18 T100N R10W Winneshiek Co.) to west line of S23 T100N R11W Howard Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 7, 2004-06.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 01-UIA-0420_1	Beaver Creek	mouth (S19 T100N R12W Howard Co.) to south line of S29 T100N R13W Howard Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 5, 2004-06.	Low
5p	*3a*	Y	IA 01-UIA-0430_0	Staff Creek	mouth (S7 T100N R13W Howard Co. to west line of S27 T100N R14W Howard Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 3, 2004-08.	Low
5b-v	*2a*	Y	IA 01-VOL-0010_1	Volga River	mouth (S36 T92N R4W Clayton Co.) to confluence with Cox Cr. in S21 T92N R5W Clayton Co.).	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 199-2002, 2006 and 2008.	Low
5a	*5a*	N	IA 01-VOL-0010_3	Volga River	bridge crossing in Volga (north line S10 T92N R6W Clayton Co.) to confluence with Brush Cr. in S26 T93N R7W Fayette Co.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring near Decorah in 2001, 2005, 2007 and 2008.	Low
5a	*5a*	N	IA 01-VOL-00130-L_0	Frog Hollow (aka Volga Lake)	Fayette County S3T93NR8W 4 mi. NNE of Fayette.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 01-VOL-00130-L_0	Frog Hollow (aka Volga Lake)	Fayette County S3T93NR8W 4 mi. NNE of Fayette.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 01-VOL-00130-L_0	Frog Hollow (aka Volga Lake)	Fayette County S3T93NR8W 4 mi. NNE of Fayette.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 01-VOL-0020_1	Volga River	confluence with Brush Cr. (S26 TT93N R7W Fayette Co.) to east corporate limit of Fayette (NE 1/4 S28 T93N R8W Fayette Co.)	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring near Decorah in 2001, 2005, 2007 and 2008.	Low
5a	*5a*	N	IA 01-VOL-0020_2	Volga River	east corporate limit of Fayette (NE 1/4 S28 T93N R8W Fayette Co.) to confluence with Little Volga R. in S2 T92N R9W Fayette Co.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring near Decorah in 2001, 2005, 2007 and 2008.	Low
5b-t	*5b*	N	IA 01-VOL-0120_2	Brush Creek	from confluence with Bear Cr. (S8 T92N R7W Fayette Co.) to east line of S17 T92N R7W Fayette Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2004.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 01-VOL-0150_1	Little Volga River	mouth (north line of S2 T92N R9W Fayette Co.) to Hwy 150 bridge crossing at Maynard at south line of S14 T92N R9W Fayette Co.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring near Decorah in 2001 and 2005.	Low
5a	*5a*	N	IA 01-WPS-0010_1	Wapsipinicon River	mouth (Scott-Clinton county line) to confluence with Silver Cr. in NW 14 S6 T80N R4E Clinton Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 01-WPS-0010_2	Wapsipinicon River	from Silver Cr. (NW 14 S6 T80N R4E Clinton Co.) to confluence Rock Cr. in S35 T81N R1E Clinton Co.)	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 01-WPS-0010_4	Wapsipinicon River	from Plum Cr. (S18 T82N R1E Clinton Co.) to confluence with Walnut Cr. in S18 T83N R2W Jones Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2006-08.	Low
5b	*5b*	N	IA 01-WPS-0010_5	Wapsipinicon River	from Walnut Cr. (S18 T83N R2W Jones Co.) to confluence with Buffalo Creek in S10 T84N R4W Jones Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 01-WPS-0010_5	Wapsipinicon River	from Walnut Cr. (S18 T83N R2W Jones Co.) to confluence with Buffalo Creek in S10 T84N R4W Jones Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2004-06 and city/county beach monitoring, 2007-08.	Low
5a	*2a*	Y	IA 01-WPS-0020_1	Wapsipinicon River	from Buffalo Cr. (S10 T84N R4W Jones Co.) to confluence with Walton Cr. in S20 T86N R6W Linn Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR city/county beach monitoring, 2007-08.	Low
5a	*5a*	N	IA 01-WPS-0020_4	Wapsipinicon River	from Harter Cr. at Independence (NW 1/4, S34, T89N, R9W, Buchanan Co.) to confluence with Little Wapsipinicon R. near Littleton in S9, T89N, R10W, Buchanan Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR ambient monthly monitoring 2004-06.	Low
5b	*5b*	N	IA 01-WPS-0020_6	Wapsipinicon River	from Crane Cr. (S26 T90N R11W Black Hawk Co.) to confluence with E. Fk. Wapsipinicon R. near Tripoli in SE 1/4 S34 T93N R12W Bremer Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*5b*	N	IA 01-WPS-0030_1	Wapsipinicon River	from L. Wapsipinicon R. (S3 T94N R13W Chickasaw Co.) to confluence with unnamed tributary in NW 1/4 S22 T96N R14W Chickasaw Co.	aquatic life	biological: unknown impact on (1) freshwater mussels and (2) fish / aquatic macro-invertebrates	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation; low biotic index	ISU freshwater mussel study; IDNR/UHL biological (REMAP) sampling in 2004.	Low
5b-v	*5b*	N	IA 01-WPS-0030_5	Wapsipinicon River	from town of McIntyre (S34 T100N R15W Mitchell Co.) to north line of S20 T100N R15W Mitchell Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2002.	High
5b	*5b*	N	IA 01-WPS-0030_5	Wapsipinicon River	from town of McIntyre (S34 T100N R15W Mitchell Co.) to north line of S20 T100N R15W Mitchell Co.	aquatic life	biological: fish kill	runoff-related fish kill in 2002; no cause or source identified	Results of IDNR fish kill investigation in 2002.	High
5a	*5a*	N	IA 01-WPS-00375-L_0	Lake Hendricks	Howard County S19T99NR14W 0.5 mi NE of Riceville.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 01-WPS-00375-L_0	Lake Hendricks	Howard County S19T99NR14W 0.5 mi NE of Riceville.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 01-WPS-00375-L_0	Lake Hendricks	Howard County S19T99NR14W 0.5 mi NE of Riceville.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5b-t	*5b*	N	IA 01-WPS-0050_1	Brophy Creek	mouth (S1 T80N R4E Clinton Co.) to confluence with Cherry Cr. in S17 T81N R5E Clinton Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2004.	Low
5b	*5b*	N	IA 01-WPS-0109_0	Walnut Creek	mouth (S18 T83N R2W Jones Co.) to confluence with White Oak Cr. in S19 T83N R3W Jones Co.	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in 1999 caused by animal waste.	IDNR fish kill investigation.	Low
5b	*5b*	N	IA 01-WPS-0110_1	Buffalo Creek	mouth (S10 T84N R4W Jones Co.) to the Jones/Linn county line in NW 1/4 S19 T85N R4W Jones Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*5b*	N	IA 01-WPS-0110_2	Buffalo Creek	from the Jones/Linn county line (NW 1/4 S19 T85N R4W Jones Co.) to confluence with Boulder Cr. in NE 1/4 S30 T86N R5W Linn Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b	*5b*	N	IA 01-WPS-0110_3	Buffalo Creek	from confluence with Boulder Cr. (NE 1/4 S30 T86N R5W Linn Co.) to dam of Coggon Impoundment in SW 1/4 S3 T86N R6W Linn Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b	*5b*	N	IA 01-WPS-0130_1	Buffalo Creek	upper end of Coggon Impoundment (Linn Co.) to confluence with unnamed tributary in N 1/2 S27 T88N R7W Buchanan Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*5b*	N	IA 01-WPS-0130_2	Buffalo Creek	from confluence with unnamed tributary in N 1/2 S27T88NR7W (Buchanan Co.) to confluence of the East Branch and West Branch of Buffalo Creek in S35 T90N R8W Buchanan Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5b	*3b*	Y	IA 01-WPS-0153_0	Unnamed Creek (near Hazleton)	mouth (NE 1/4 SW 1/4 S28 T90N R9W Buchanan Co.) to headwaters in S26 T90N R9W Buchanan Co.	aquatic life	biological: fish kill	fish kill; cause unknown; possibly pesticides	IDNR fish kill investigations, 2001 and 2009	Low
5b	*3a*	Y	IA 01-WPS-0183_0	Unnamed Tributary to Crane Creek	from mouth (T90N R11W Sec28) to headwaters (T90N R11W Sec32)	aquatic life	biological: fish kill	fish kill caused by nitrogen fertilizer/ammonia	IDNR fish kill investigations in 2009	Low
5p	*3a*	Y	IA 01-WPS-0237_0	Unnamed tributary to Lake Hendricks	from inflow to Lake Hendricks to headwaters	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR Fisheries and Howard Co. SWCD	Low
5b	*5b*	N	IA 01-WPS-0270_0	Unnamed Tributary to Buffalo Creek	mouth (T89N R8W Sec24) to headwaters (T89N R7W Sec19) Buchanan Co	aquatic life	biological: fish kill	Runoff-related fish kill in 2005.	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 01-YEL-0010_2	Miners Creek	from Hwy 52 bridge (SE 1/4 S20 T92N R2W Clayton Co.) to west line of S1 T92N R3W Clayton Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001.	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*3a*	Y	IA 01-YEL-0020_2	Buck Creek	from west line of S9T93NR3W (Clayton Co.) to confluence with unnamed tributary in S32 T94N R3W Clayton Co.	aquatic life	biological: fish kill	Fish kill in 2009 caused by either pesticide spill or feedlot runoff.	IDNR fish kill investigation	Low
5b	*3a*	Y	IA 01-YEL-0021_0	Buck Creek	from confluence with unnamed tributary (T94N R03W Sec32) to headwaters (T94N R04W Sec26)	aquatic life	biological: fish kill	Fish kill in 2009 caused by either pesticide spill or feedlot runoff.	IDNR fish kill investigation	Low
5p	*2a*	Y	IA 01-YEL-0060_0	Bloody Run	mouth (Clayton Co.) to west line of S22 T95N R4W Clayton Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5a	*5a*	N	IA 01-YEL-0070_0	Yellow River	mouth (S34 T96N R3W Allamakee Co.) to County Road X-26 bridge in S24 T96N R5W Allamakee Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08; IDNR special monitoring, 2004.	Medium
5b-t	*5b*	N	IA 01-YEL-0080_1	Yellow River	from County Road X-26 (S24 T96N R5W Allamakee Co.) to old Hwy 51 crossing in NE 1/4 S11 T96N R6W Allamakee Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2006.	High
5a	*5a*	N	IA 01-YEL-0080_2	Yellow River	from old Hwy 51 crossing (NE 1/4 S11 T96N R6W Allamakee Co.) to confluence with N. Fk.Yellow R. in S13 T96N R7W Winneshiek Co.	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*5b*	N	IA 01-YEL-0080_2	Yellow River	from old Hwy 51 crossing (NE 1/4 S11 T96N R6W Allamakee Co.) to confluence with N. Fk.Yellow R. in S13 T96N R7W Winneshiek Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2002 and biological (REMAP) sampling in 2004.	High
5p	*5p*	N	IA 01-YEL-0080_2	Yellow River	from old Hwy 51 crossing (NE 1/4 S11 T96N R6W Allamakee Co.) to confluence with N. Fk.Yellow R. in S13 T96N R7W Winneshiek Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5p	*5p*	N	IA 01-YEL-0080_2	Yellow River	from old Hwy 51 crossing (NE 1/4 S11 T96N R6W Allamakee Co.) to confluence with N. Fk.Yellow R. in S13 T96N R7W Winneshiek Co.	secondary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5b-v	*2a*	Y	IA 01-YEL-0080_3	Yellow River	from N. Fk. Yellow R. (S13 T96N R7W Allamakee Co.) to confluence with unnamed tributary in SE 1/4 S8 T96N R7W Winneshiek Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2002 and biological (REMAP) sampling in 2004.	Low
5p	*5p*	N	IA 01-YEL-0080_3	Yellow River	from N. Fk. Yellow R. (S13 T96N R7W Allamakee Co.) to confluence with unnamed tributary in SE 1/4 S8 T96N R7W Winneshiek Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR bacterial monitoring, 2006-08.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 01-YEL-0090_0	Dousman Creek	mouth (S33 T96N R3W Allamakee Co.) to Allamakee-Clayton county line.	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	*5p*	N	IA 01-YEL-0090_0	Dousman Creek	mouth (S33 T96N R3W Allamakee Co.) to Allamakee-Clayton county line.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5a	*5a*	N	IA 01-YEL-0100_0	Suttle Creek	mouth (S17 T96N R4W Allamakee Co.) to Allamakee-Clayton county line.	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	*5p*	N	IA 01-YEL-0100_0	Suttle Creek	mouth (S17 T96N R4W Allamakee Co.) to Allamakee-Clayton county line.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5p	*5p*	N	IA 01-YEL-0100_0	Suttle Creek	mouth (S17 T96N R4W Allamakee Co.) to Allamakee-Clayton county line.	secondary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5a	*5a*	N	IA 01-YEL-0110_0	Unnamed Creek (aka Bear Cr.)	mouth (S13 T96N R5W Allamakee Co.) to north line of S12 T96N R5W Allamakee Co.	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	*5p*	N	IA 01-YEL-0110_0	Unnamed Creek (aka Bear Cr.)	mouth (S13 T96N R5W Allamakee Co.) to north line of S12 T96N R5W Allamakee Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacterial monitoring, 2006-08.	Low

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5a	*5a*	N	IA 01-YEL-0120_1	Hickory Creek	mouth (NE 1/4 S23 T96N R5W Allamakee Co.) to south line of S28 T96N R5W Allamakee Co.	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	*5p*	N	IA 01-YEL-0120_1	Hickory Creek	mouth (NE 1/4 S23 T96N R5W Allamakee Co.) to south line of S28 T96N R5W Allamakee Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5p	*5p*	N	IA 01-YEL-0125_0	Williams Creek	mouth (S9 T96N R5W Allamakee Co.) to confluence with unnamed tributary in S17 T96N R5W Allamakee Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5a	*5a*	N	IA 01-YEL-0130_0	Norfolk Creek	mouth (S6 T96N R5W Allamakee Co.) to confluence with Teeple Cr. in S24 T97N R6W Allamakee Co.	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	*5p*	N	IA 01-YEL-0130_0	Norfolk Creek	mouth (S6 T96N R5W Allamakee Co.) to confluence with Teeple Cr. in S24 T97N R6W Allamakee Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5b-t	*2a*	Y	IA 01-YEL-0150_0	Unnamed Creek	mouth (NW 1/4 S2 T96N R6W Allamakee Co.) to confluence with unnamed tributary in S33 T97N R6W Allamakee Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2006 and 2007.	Low
5p	*5p*	N	IA 01-YEL-0150_0	Unnamed Creek	mouth (NW 1/4 S2 T96N R6W Allamakee Co.) to confluence with unnamed tributary in S33 T97N R6W Allamakee Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5b	*5b*	N	IA 01-YEL-0155_0	Unnamed Creek (aka Hecker Cr.)	mouth (S17T96NR06W Allamakee Co.) to headwaters (Allamakee Co.)	aquatic life	biological: fish kill	Fish kill in March 2000.	IDNR fish kill investigation.	High

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5p	*5p*	N	IA 01-YEL-0155_0	Unnamed Creek (aka Hecker Cr.)	mouth (S17T96NR06W Allamakee Co.) to headwaters (Allamakee Co.)	primary contact recreation	bacteria	geometric mean > > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5a	*5a*	N	IA 01-YEL-0160_0	North Fork Yellow River	mouth (S13 T96N R7W Winneshiek Co.) to confluence with unnamed tributary in S3 T96N R7W Winneshiek Co.	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	*5p*	N	IA 01-YEL-0160_0	North Fork Yellow River	mouth (S13 T96N R7W Winneshiek Co.) to confluence with unnamed tributary in S3 T96N R7W Winneshiek Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
					Iowa-Cedar River Basin					
5a	*2a*	Y	IA 02-CED-0010_0	Cedar River	mouth (S20 T75N R4W Louisa Co.) to confluence with Sugar Cr. in S17 T78N R2W Muscatine Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR bacterial monitoring, 2006-08.	Low
5b	*5b*	N	IA 02-CED-0020_2	Cedar River	from Rock Run Cr. (S28 T80NR3W Cedar Co) to Hwy 30 bridge at Cedar Rapids in S9 T82N R6W Linn Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low

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5a	*5a*	N	IA 02-CED-00210-L_0	Cedar Bend Lake	Linn Co. S35 T83N R7W; at Cedar Rapids.	human health (fish con-sumption)	PCBs (in fish)	issuance of a 1 meal per week fish consumption advisory in 2008	U.S. EPA/IDNR fish tissue (RAFT) monitoring in 2005, 2006 and 2008.	Low
5a	*5a*	N	IA 02-CED-0030_3	Cedar River	from confluence with Bear Cr. (NE 1/4, S21, T84N, R8W, Linn Co.) to confluence with Hinkle Cr. in SW 1/4, S16, T85N, R10W, Benton Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 02-CED-0040_2	Cedar River	from bridge crossing in LaPorte City in S19 T87N R11W Black Hawk Co.) to dam of Cedar Falls Impoundment in NW 1/4 S12 T89N R14W Black Hawk Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 02-CED-00460-L_0	Meyer Lake	Black Hawk County S6T88NR12W at Waterloo.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-08 & UHL ambient lake monitoring, 2007-08	Low
5a	*5a*	N	IA 02-CED-0060_1	Cedar River	upper end of impoundment (W line, S2, T89N, R14W, Black Hawk Co.) to confluence with Beaver Cr. in S34, T90N, R14W, Black Hawk Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	*5a*	N	IA 02-CED-0060_2	Cedar River	from Beaver Creek (S34, T90N, R14W, Black Hawk Co.) to confluence with W. Fk. Cedar R. in S4, T90N, R14W, Black Hawk Co.)	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

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5a	*5a*	N	IA 02-CED-0070_0	Cedar River	from W. Fk. Cedar R. (S4, T90N, R14W, Black Hawk Co.) to lowhead dam at Waverly in NW 1/4, S2, T91N, R14W, Bremer Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	*5a*	N	IA 02-CED-0110_1	Cedar River	from upper end of Nashua Impoundment (Chickasaw/Floyd county line (W line S7 T94N R14W Chickasaw Co.)) to Dam No. 2 at Charles City in NW 1/4 NE 1/4 S12 T95N R16W Floyd Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 02-CED-0110_2	Cedar River	from Charles City Dam No. 2 (NW 1/4 NE 1/4 S12 T95N R16W Floyd Co.) to confluence with Rock Cr. in S24 T97N R17W Floyd Co.)	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring in 2001 and 2005.	Low
5b	*5b*	N	IA 02-CED-0110_3	Cedar River	from Rock Cr. nr Orchard (S24 T97N R17W Floyd Co.) to Iowa / Minnesota state line (S8 T100N R18W Mitchell Co.)	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5a	*5a*	N	IA 02-CED-0110_3	Cedar River	from Rock Cr. nr Orchard (S24 T97N R17W Floyd Co.) to Iowa / Minnesota state line (S8 T100N R18W Mitchell Co.)	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring in 2001, 2005, 2007 and 2008.	Low

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5p	*5p*	N	IA 02-CED-01545_0	Unnamed Tributary to West Branch Wapsinonoc Creek (aka Hoover Creek)	from mouth (T79N R04W Sec08 Cedar Co.) to headwaters (T80N R05W Sec25 Johnson Co.)	primary contact recreation	bacteria	geometric mean > WQ criterion	Herbert Hoover Creek Water Monitoring Project, 2004-05 (see http://www.igsb.uiowa.edu/gsbpubs/pdf/tis-53.pdf).	Low
5b-v	*5b*	N	IA 02-CED-0157_1	Pike Run	mouth (SW 1/4 S19 T77N R3W Muscatine Co.) to confluence with unnamed tributary in S9 T77N R3W Muscatine Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2004 and 2005.	Low
5b-v	*5b*	N	IA 02-CED-0157_2	Pike Run	from unnamed tributary (NW 1/4 S9 T77N R3W Muscatine Co.) to road crossing in SW 1/4 S34 T78N R3W Muscatine Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2005 and 2006.	Medium
5b	*3a*	Y	IA 02-CED-0163_0	Unnamed Tributary to Mud Creek	from mouth (T79N R1W Sec34) to headwaters (T79N R1W Sec3)	aquatic life	biological: fish kill	Fish kill in October 2008 caused by spill of nitrogen fertilizer/ammonia	IDNR fish kill investigation	Low

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5b-t	*5b*	N	IA 02-CED-0170_1	Sugar Creek	mouth (S17 T78N R2W Muscatine Co.) to confluence with Mud Cr. in S10 T78N R2W Muscatine Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1996.	Low
5b-t	*5b*	N	IA 02-CED-0210_1	Indian Creek	mouth (S30 T83N R6W Linn Co.) to confluence with Dry Cr. in S1 T83N R7W Linn Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2000.	Low
5p	*5p*	N	IA 02-CED-0210_1	Indian Creek	mouth (S30 T83N R6W Linn Co.) to confluence with Dry Cr. in S1 T83N R7W Linn Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Cedar Rapids Intensive Urban Water Quality Study, 2002 and 2005.	Low
5p	*5p*	N	IA 02-CED-0210_2	Indian Creek	from confluence with Dry Cr. (S1 T83N R7W Linn Co.) to confluence with unnamed tributary in NE 1/4 S20 T84N R6W Linn Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Cedar Rapids Intensive Urban Water Quality Study, 2002 and 2005.	Low
5p	*5p*	N	IA 02-CED-0217_0	Dry Creek	mouth (S1 T83N R7W Linn Co.) to confluence with unnamed tributary in S15 T84N R7W Linn Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Cedar Rapids Intensive Urban Water Quality Study, 2005.	Low
5a	*5b*	N	IA 02-CED-0218_0	McLoud Run	mouth (SW 1/4 S16 T83N R7W Linn Co.) to headwaters in SW 1/4 S5 T83N R7W Linn Co.	aquatic life	biological: fish kill	Fish kills in 2004 and 2005 caused by unknown toxicity.	IDNR fish kill investigation	Low

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5a	*5a*	N	IA 02-CED-02250-L_0	Cedar Lake	Linn County S21T83NR7W in Cedar Rapids.	human health (fish con-sumption)	PCBs (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring in 2004, 2006 and 2008.	Low
5b	*5b*	N	IA 02-CED-0234_0	East Branch Blue Creek	confluence with Blue Creek (T85N R8W Sec7) to headwaters (T87N 8W Section 33)	aquatic life	biological: fish kill	Fish kills in 2003 and 2004 (caused by nitrogen fertilizer released from ag. chem. dealer); fish kill in 2005; cause unknown.	IDNR fish kill investigations.	Low
5b	*5b*	N	IA 02-CED-0270_1	Lime Creek	mouth (SW 1/4 S4 T86N R10W Benton Co.) to confluence with unnamed tributary in S1 T87N R10W Buchanan Co.	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	High
5p	*3a*	Y	IA 02-CED-0270_1	Lime Creek	mouth (SW 1/4 S4 T86N R10W Benton Co.) to confluence with unnamed tributary in S1 T87N R10W Buchanan Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL near Brandon from 2007-08	Low
5p	*5p*	N	IA 02-CED-0300_0	Wolf Creek	mouth (S29 T87N R11W Black Hawk Co.) to confluence with Twelvemile Cr. in S19 T86N R13W Tama Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low

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5a	*5a*	N	IA 02-CED-03060-L_0	Casey Lake (aka Hickory Hills Lake)	Tama County S13T86NR13W 6 mi N of Dysart.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07 & UHL ambient lake monitoring, 2005-08.	High
5a	*5a*	N	IA 02-CED-03060-L_0	Casey Lake (aka Hickory Hills Lake)	Tama County S13T86NR13W 6 mi N of Dysart.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07 & UHL ambient lake monitoring, 2005-08.	High
5a	*5a*	N	IA 02-CED-03060-L_0	Casey Lake (aka Hickory Hills Lake)	Tama County S13T86NR13W 6 mi N of Dysart.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07 & UHL ambient lake monitoring, 2005-08.	High
5b-v	*5b*	N	IA 02-CED-0370_2	Black Hawk Creek	from Hwy 58 (E 1/2 S27 T88N R14W Black Hawk Co.) to confluence with N. Fk. Black Hawk Cr. in S1 T87N R15W Grundy Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2002 and 2004.	Low
5p	*5p*	N	IA 02-CED-0370_2	Black Hawk Creek	from Hwy 58 (E 1/2 S27 T88N R14W Black Hawk Co.) to confluence with N. Fk. Black Hawk Cr. in S1 T87N R15W Grundy Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring in 2001 and 2005	Low

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5p	*5p*	N	IA 02-CED-0380_0	Black Hawk Creek	from N. Fk. Black Hawk Cr. (S1 T87N R15W Grundy Co.) to confluence with unnamed tributary in S12 T87N R18W Grundy Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related monitoring at three stations in 2005.	Low
5p	*5p*	N	IA 02-CED-0383_0	North Black Hawk Creek	mouth (S1 T87N R15W Grundy Co.) to confluence with unnamed tributary in S8 T88N R15W Grundy Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring in 2005.	Low
5p	*5p*	N	IA 02-CED-0385_0	Holland Creek	mouth (S35 T88N R17W Grundy Co.) to confluence with unnamed tributary in S29 T88N R17W Grundy Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring in 2005.	Low
5b	*5b*	N	IA 02-CED-0390_0	Dry Run	mouth (S18 T89N R13W Black Hawk Co.) to confluence with unnamed tributary in S23 T89N R14W Black Hawk Co	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1999 and 2005.	High
5a	*5a*	N	IA 02-CED-0390_0	Dry Run	mouth (S18 T89N R13W Black Hawk Co.) to confluence with unnamed tributary in S23 T89N R14W Black Hawk Co	primary contact recreation	bacteria	geometric mean > WQ criterion	Dry Run Creek Watershed Project monitoring at four stations, 2005-08.	Low
5a	*2a*	Y	IA 02-CED-03905-L_0	South Prairie Lake	Black Hawk Co.; west of Waterloo in S35 T89N R14W	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5p	*5p*	N	IA 02-CED-0391_0	Dry Run (South Branch)	mouth (T89N R14W Sec13) to headwaters (T88N R14W Sec9)	primary contact recreation	bacteria	geometric mean > WQ criterion	Dry Run Creek Watershed Project monitoring at three stations, 2006-08.	Low

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5p	*5p*	N	IA 02-CED-0392_0	Dry Run (North Branch)	mouth (T89N R14W Sec13) to headwaters (T89N R14W Sec9)	primary contact recreation	bacteria	geometric mean > WQ criterion	Dry Run Creek Watershed Project monitoring at one station, 2005-06.	Low
5a	*5p*	N	IA 02-CED-0400_0	Beaver Creek	mouth (S34 T90N R14W Black Hawk Co.) to confluence with South Beaver Cr. in S25 T90R R17W Butler Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b-t	*5b*	N	IA 02-CED-0410_2	Beaver Creek	from confluence with North Beaver Cr. (S23 T90N R18W Butler Co) to confluence with unnamed tributary in SE 1/4 S29 T90N R19W Franklin Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5a	*5a*	N	IA 02-CED-0470_1	Little Cedar River	mouth (S20 T94N R14W Chickasaw Co.) to the Chickasaw/Floyd county line at W line S6 T95N R14W Chickasaw Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring from 2002-2004.	Low
5b-t	*5b*	N	IA 02-CED-0490_1	Burr Oak Creek	mouth (S12 T98N R16W Mitchell Co.) to Mitchell County Road T46 at W line S10 T98N R16W Mitchell Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001.	High
5a	*5a*	N	IA 02-CED-0505_1	Unnamed Creek (aka Drainage Ditch 3)	mouth (SW 1/4 S1 T95N R16W Floyd Co.) to confluence with unnamed tributary in T95N R16W Sec 4 Floyd Co.	aquatic life	biological: fish kill	Fish kills in 2001 caused by discharge of chlorine.	IDNR fish kill investigation	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 02-CED-0510_1	Rock Creek	mouth (S24 T97N R17W Floyd Co.) to confluence with unnamed tributary in NW 1/4 SE 1/4 S17 T97N R17W Mitchell Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-08.	Low
5a	*3a*	Y	IA 02-CED-0520_0	Spring Creek	mouth (S13 T97N R17W Mitchell Co.) to N line S8 T97N R16W Mitchell Co.	aquatic life	Low DO	> 10% of samples violate WQ criteria	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-08.	Low
5p	*5p*	N	IA 02-CED-0520_0	Spring Creek	mouth (S13 T97N R17W Mitchell Co.) to N line S8 T97N R16W Mitchell Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-08.	Low
5p	*5p*	N	IA 02-CED-0530_0	Turtle Creek	mouth (S23 T99N R18W Mitchell Co.) to E line S7 T99N R17W Mitchell Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-08.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 02-CED-0540_1	Deer Creek	mouth (S23 T99N R18W Mitchell Co.) to the Mitchell-Worth county line (west line S6 T100N R18W Mitchell Co.)	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-08.	Low
5p	*5p*	N	IA 02-CED-0550_0	Otter Creek	mouth (S21 T100N R18W Mitchell Co.) to Iowa/Minnesota line at N line S11 T100N R18W Mitchell Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-08.	Low
5b	*3a*	Y	IA 02-ICD-0020_3	Flint Creek	from unnamed tributary (aka Big Hollow Cr.) (S25 T71N R4W Des Moines Co.) to confluence with unnamed tributary in S21 T71N R4W Des Moines Co.	aquatic life	biological: fish kill	fish kill: aerial spraying of pesticides Cobalt and Laredo.	IDNR investigation of fish kill in July 2009.	Low
5b	*3a*	Y	IA 02-ICD-0021_0	Flint Creek	from confluence with unnamed tributary (T71N R04W Sec21) to headwaters (T71N R05W Sec23 NW)	aquatic life	biological: fish kill	fish kill: aerial spraying of pesticides Cobalt and Laredo.	IDNR investigation of fish kill in July 2009.	Low
5b-t	*5b*	N	IA 02-ICD-0031_1	Cottonwood Drain	mouth (SE 1/4 S1 T70N R2W Des Moines Co.) to confluence with unnamed tributary in S13 T71N R2W Des Moines Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2003.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 02-ICM-0010_1	Mississippi River	from confluence with Skunk R. (S8 T68N R2W Des Moines Co.) to the Burlington water supply intake (Des Moines Co.).	primary contact recreation	bacteria	listing in 2010 by adjacent state	Illinois EPA	Low
5a	*2a*	Y	IA 02-ICM-0010_2	Mississippi River	from Burlington water supply intake (Des Moines Co.) to confluence with Iowa R (S36 T74N R2W Louisa Co.)	aquatic life	cadmium	violations of chronic WQ criterion	Illinois EPA ambient WQ monitoring, 2006-08.	Low
5a	*5a*	N	IA 02-ICM-0010_2	Mississippi River	from Burlington water supply intake (Des Moines Co.) to confluence with Iowa R (S36 T74N R2W Louisa Co.)	aquatic life	aluminum	violations of chronic WQ criterion	Illinois EPA ambient WQ monitoring, 2006-08.	Low
5a	*5a*	N	IA 02-ICM-0010_2	Mississippi River	from Burlington water supply intake (Des Moines Co.) to confluence with Iowa R (S36 T74N R2W Louisa Co.)	drinking water	arsenic	violations of human health criterion (0.18 ug/l)	Illinois EPA ambient WQ monitoring, 2006-08.	Low
5a	*5a*	N	IA 02-ICM-0010_2	Mississippi River	from Burlington water supply intake (Des Moines Co.) to confluence with Iowa R (S36 T74N R2W Louisa Co.)	primary contact recreation	bacteria	listing in 2008 by adjacent state	Illinois EPA	Low
5a	*5a*	N	IA 02-IOW-0010_3	Iowa River	from confluence with Long Cr. (S1, T74N, R4W, Louisa Co.) to confluence with Cedar R in S20, T75, R4W, Louisa Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*5b*	N	IA 02-IOW-0020_1	Iowa River	from confluence with Cedar R. to Johnson-Washington Co. line	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Low
5a	*5a*	N	IA 02-IOW-0020_1	Iowa River	from confluence with Cedar R. to Johnson-Washington Co. line	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5b*	N	IA 02-IOW-0030_1	Iowa River	from confluence with English R. (Washington Co.) to Burlington Street Dam in Iowa City (Johnson Co.)	aquatic life	biological: unknown impact on freshwater mussels	> 50% decline in mussel species richness; impairments potentially include flow alteration, habitat modification, nutrients, and/or siltation	ISU freshwater mussel study	Medium
5a	*2a*	Y	IA 02-IOW-0030_1	Iowa River	from confluence with English R. (Washington Co.) to Burlington Street Dam in Iowa City (Johnson Co.)	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County S29T81NR6W 4 mi. W of Solon.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*2a*	Y	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County S29T81NR6W 4 mi. W of Solon.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index approaching impairment trigger (65).	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County S29T81NR6W 4 mi. W of Solon.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-UHL beach monitoring program, 2006-08	High
5a	*5a*	N	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County S29T81NR6W 4 mi. W of Solon.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 02-IOW-0040-L_0	Coralville Reservoir	Johnson County S22T80NR6W (dam) 3 mi N of Iowa City.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 02-IOW-0050_1	Iowa River	from upper end of Coralville Reservoir (=U.S. Highway 218 bridge in SW 1/4 S22 T81N R7W Johnson Co.) to the state Highway 149 bridge in S35 T81N R9W Iowa Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	Coralville Reservoir Water Quality Study, 2004-06	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 02-IOW-0060_4	Iowa River	from confluence Timber Cr. (S3 T83N R17W Marshall Co.) to confluence with Asher Cr. in S27 T84N R18W Marshall Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 02-IOW-0060_5	Iowa River	from confluence with Asher Cr. at Marshalltown (S27 T84N R18W Marshall Co.) to confluence with Minerva Cr. in S2 T84N R19W Marshall Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 02-IOW-00660-L_0	Green Castle Lake	Marshall County S8T82NR17W 1 mi. S of Ferguson.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 02-IOW-00660-L_0	Green Castle Lake	Marshall County S8T82NR17W 1 mi. S of Ferguson.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 02-IOW-0070_3	Iowa River	from confluence with South Fork Iowa R. (S25 T87N R20W Hardin Co.) to confluence with Pine Cr. in S8 T87N R19W Hardin Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 02-IOW-0080_2	Iowa River	from confluence with Drainage Ditch No. 3 (aka Wheeler Cr.) in NW 1/4 SE 1/4 S10 T91N R23W Wright Co. to the Hwy 69 bridge at the south edge of Belmond in S30 T93N R23W Wright Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*3a*	Y	IA 02-IOW-00865_2	Roff Creek	from confluence with unnamed creek (SE1/4 NE1/4 S23 T73N R4W Louisa Co.) to the confluence with unnamed creek (NW1/4 S25 T73 R4W Louisa Co. [middle of 3 unnamed streams on west side])	aquatic life	wastewater	violation of Iowa's narrative (free from) WQ criteria:	Iowa DNR use attainability analysis, 2006.	Medium
5b-t	*5b*	N	IA 02-IOW-0093_0	Honey Creek	mouth (S1 T75N R5W Louisa Co.) to road crossing in S25 T76N R5W Louisa Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2004.	Low
5a	*3a*	Y	IA 02-IOW-0098_0	Prairie Creek	mouth (S31 T77N R5W Johnson Co.) to the Lone Tree wastewater treatment plant outfall (NE1/4 S16 T77N R5W Johnson Co.)	aquatic life	wastewater	violation of Iowa's narrative (free from) WQ criteria:	Iowa DNR use attainability analysis, 2006.	Medium
5a	*5a*	N	IA 02-IOW-0100_1	English River	mouth (S12 T77N R6W Washington Co.) to confluence with Ramsey Cr. in S14 T77N R8W Washington Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	*5a*	N	IA 02-IOW-01150-L_0	Iowa Lake	Iowa County S19T79NR11W 4 mi. NNW of Millersburg.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	*2a*	Y	IA 02-IOW-01150-L_0	Iowa Lake	Iowa County S19T79NR11W 4 mi. NNW of Millersburg.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index >65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 02-IOW-01150-L_0	Iowa Lake	Iowa County S19T79NR11W 4 mi. NNW of Millersburg.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	*3a*	Y	IA 02-IOW-01485_0	Unnamed tributary to Snyder Creek	mouth (S36 T79N R6W Johnson Co.) to headwaters in NE1/4 S18 T79N R5W Johnson Co.	aquatic life	wastewater	violation of Iowa's narrative (free from) WQ criteria:	Iowa DNR use attainability analysis, 2006.	Medium
5b-t	*5b*	N	IA 02-IOW-0150_1	Old Mans Creek	mouth (NE 1/4 S27 T78N R6W Johnson Co.) to confluence with unnamed tributary at north line S1 T78N R7W Johnson Co. (approx. 1/2 mile downstream from county road W62).	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2004.	Low
5b-t	*5b*	N	IA 02-IOW-0150_2	Old Mans Creek	from confluence with unnamed tributary (N line S1 T78N R7W Johnson Co.) to confluence with unnamed tributary in NE 1/4 S4 T78N R8W Johnson Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2000.	Low
5p	*5p*	N	IA 02-IOW-0150_2	Old Mans Creek	from confluence with unnamed tributary (N line S1 T78N R7W Johnson Co.) to confluence with unnamed tributary in NE 1/4 S4 T78N R8W Johnson Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5b	*3a*	Y	IA 02-IOW-0152_0	Picayune Creek	from mouth (T78N R06W Sec17) to headwaters (T78N R07W Sec19)	aquatic life	biological: fish kill	Fish kill in 2009 caused by runoff from dairy operation.	IDNR fish kill investigation	Low

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5b	*3a*	Y	IA 02-IOW-01525_0	Unnamed Tributary to Picayune Creek	from mouth (T78N R07W Sec23) to headwaters (T78N R07W Sec20 NW)	aquatic life	biological: fish kill	Fish kill in 2009 caused by runoff from dairy operation.	IDNR fish kill investigation	Low
5a	*5a*	N	IA 02-IOW-0155_1	Ralston Creek	from mouth (S15 T79N R6W Johnson Co.) to confluence with unnamed tributary in S11 T79N R6W Johnson Co.	aquatic life	priority organics	coal tar site; studies suggest influence on surface water	Coal tar studies in 1995, 1998, and 2001.	Low
5a	*5a*	N	IA 02-IOW-0155_1	Ralston Creek	from mouth (S15 T79N R6W Johnson Co.) to confluence with unnamed tributary in S11 T79N R6W Johnson Co.	general use	priority organics	coal tar site; studies suggest influence on surface water	Coal tar studies in 1995, 1998, and 2001.	Low
5a	*5a*	N	IA 02-IOW-0155_1	Ralston Creek	from mouth (S15 T79N R6W Johnson Co.) to confluence with unnamed tributary in S11 T79N R6W Johnson Co.	primary contact recreation	priority organics	coal tar site; studies suggest influence on surface water	Coal tar studies in 1995, 1998, and 2001.	Low
5a	*5a*	N	IA 02-IOW-0162_0	Muddy Creek	from mouth (S33 T80N R6W Johnson Co.) to headwaters in SW 1/4 S12 T80N R7W Johnson Co.	aquatic life	sewage sludge; ammonia	violations of narrative criteria	IDNR monitoring in 2005 and 2006	High
5a	*5a*	N	IA 02-IOW-0162_0	Muddy Creek	from mouth (S33 T80N R6W Johnson Co.) to headwaters in SW 1/4 S12 T80N R7W Johnson Co.	general use	sewage sludge; ammonia	violations of narrative criteria	IDNR monitoring in 2005 and 2006	High
5a	*5a*	N	IA 02-IOW-0162_0	Muddy Creek	from mouth (S33 T80N R6W Johnson Co.) to headwaters in SW 1/4 S12 T80N R7W Johnson Co.	primary contact recreation	sewage sludge; ammonia	violations of narrative criteria	IDNR monitoring in 2005 and 2006	High
5a	*5a*	N	IA 02-IOW-01630-L_0	Kent Park Lake	Johnson County S24T80NR8W 2.5 mi. W of Tiffin.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium

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5a	*2a*	Y	IA 02-IOW-01630-L_0	Kent Park Lake	Johnson County S24T80NR8W 2.5 mi. W of Tiffin.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index >65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 02-IOW-01630-L_0	Kent Park Lake	Johnson County S24T80NR8W 2.5 mi. W of Tiffin.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5p	*3a*	Y	IA 02-IOW-0175_2	Price Creek	from mouth of Mill Race (S26 T81N R9W Iowa Co.) to confluence with unnamed tributary in NW 1/4 S8 T81N R9W Iowa Co	primary contact recreation	bacteria	geometric mean >> WQ criterion	IOWATER monitoring, 2005-2008.	Low
5p	*3a*	Y	IA 02-IOW-0176_0	Price Creek	from confluence with unnamed trib in NW1/4 S8 T81N R9W Iowa Co. to headwaters in S31 T82N R10W Benton Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IOWATER monitoring, 2005-2008.	Low
5b-t	*5b*	N	IA 02-IOW-0180_2	Bear Creek	from confluence with L. Bear Cr. (S16, T80N, R13W, Poweshiek Co.) to confluence with unnamed tributary in SW 1/4, S9, T80N, R14W, Poweshiek Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2002.	Low
5a	*5a*	N	IA 02-IOW-01810-L_0	Hannen Lake	Benton County S34T82NR11W 4 mi SW of Blairstown.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 02-IOW-01810-L_0	Hannen Lake	Benton County S34T82NR11W 4 mi SW of Blairstown.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High

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5a	*5a*	N	IA 02-IOW-01810-L_0	Hannen Lake	Benton County S34T82NR11W 4 mi SW of Blairstown.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5b-t	*5b*	N	IA 02-IOW-0185_1	Little Bear Creek	mouth (S16 T80N R13W Poweshiek Co.) to confluence with unnamed tributary in SE 1/4 NW 1/4 S29 T80N R14W Poweshiek Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5b-t	*5b*	N	IA 02-IOW-0187_1	Walnut Creek	mouth (S31 T82N R12W Benton Co.) to confluence with North Walnut Cr in S7 T81N R13W Poweshiek Co. trib S24T81NR15W Poweshiek Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2003 and 2008..	High
5b-t	*5b*	N	IA 02-IOW-0187_2	Walnut Creek	from confluence with North Walnut Cr. (S7 T81N R13W Poweshiek Co.) to confluence with unnamed tributary in NW 1/4 S24 T81N R15W Poweshiek Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1999 and 2008.	High
5a	*5a*	N	IA 02-IOW-02095-L_0	Otter Creek Lake	Tama County S31T84NR14W 5 mi NE of Toledo.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium

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5p	*3a*	Y	IA 02-IOW-0213_0	Bennett Creek	From mouth (T83N R15W Sec32 Tama Co.) to headwaters (T82N R16W Sec16 Tama Co.) excluding portion on Mesqwaki Settlement	primary contact recreation	bacteria	geometric mean >> WQ criterion	USGS monitoring from April-December, 2006.	Low
5p	*2a*	Y	IA 02-IOW-0215_0	Raven Creek	mouth (S25 T83NR16W Tama Co.) to W line of S35 T83N R16W Tama Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	USGS monitoring from April-December, 2006.	Low
5b	*5b*	N	IA 02-IOW-02611_0	Unnamed tributary to Drainage Ditch 55	mouth (T87N R22W Sec36) to headwaters (T87N R22W Sec34) Hardin Co.	aquatic life	biological: fish kill	Fish kill in August 2006 caused by ammonia; source unknown.	IDNR fish kill investigation	Low
5p	*3a*	Y	IA 02-IOW-0270_0	South Fork Iowa River	mouth (S4 T86N R19W Hardin Co.) to confluence with Tipton Cr. in S21 T87N R20W Hardin Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	USDA National Lab for Ag & Environment monitoring from 2006-08.	Low
5p	*3a*	Y	IA 02-IOW-0280_3	South Fork Iowa River	from confluence with unnamed tributary in W 1/2 S19 T88N R21W Hardin Co. to confluence with unnamed tributary in E 1/2 S11 T88N R22W Hardin Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	USDA National Lab for Ag & Environment monitoring from 2006-08.	Low
5p	*3a*	Y	IA 02-IOW-0280_4	South Fork Iowa River	from confluence with unnamed tributary in E 1/2 S11 T88N R22W Hardin Co. to confluence with unnamed tributary in NE 1/4 S32 T89N R22W Hardin Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	USDA National Lab for Ag & Environment monitoring from 2006-08.	Low
5p	*3a*	Y	IA 02-IOW-0280_5	South Fork Iowa River	from confluence with unnamed tributary in NE 1/4 S32 T89N R22W Hardin Co. to confluence with unnamed tributary in SE 1/4 S35 T90N R23W Wright Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	USDA National Lab for Ag & Environment monitoring from 2006-08.	Low

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5p	*3a*	Y	IA 02-IOW-0282_0	South Fork Iowa River	from confluence with unnamed tributary (S35 T90N R23W Wright Co.) to headwaters in S24 T89N R24W Hamilton Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	USDA National Lab for Ag & Environment monitoring from 2006-08.	Low
5p	*3a*	Y	IA 02-IOW-0290_0	Beaver Creek	mouth (SE 1/4 S25 T87N R19W Hardin Co.) to confluence with South Beaver Cr. in NE 1/4 S28 T88N R20W Hardin Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	USDA National Lab for Ag & Environment monitoring from 2007-08.	Low
5p	*3a*	Y	IA 02-IOW-0295_0	Beaver Creek	from confluence with South Beaver Creek (NE1/4 S28 T88N R20W) to headwaters (S28 T89N R21W Hardin Co.)	primary contact recreation	bacteria	geometric mean > WQ criterion	USDA National Lab for Ag & Environment monitoring from 2007-08.	Low
5p	*3a*	Y	IA 02-IOW-0297_0	South Beaver Creek	from mouth (NE 1/4 S28 T88N R20W Hardin Co.) to headwaters (S5 T88N R21W Hardin Co.)	primary contact recreation	bacteria	geometric mean > WQ criterion	USDA National Lab for Ag & Environment monitoring from 2007-08.	Low
5p	*3a*	Y	IA 02-IOW-0300_1	Tipton Creek	mouth (S21 T87N R20W Hardin Co.) to confluence with unnamed tributary in SE 1/4 S17 T87N R21W Hardin Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	USDA National Lab for Ag & Environment monitoring from 2006-08.	Low
5p	*3a*	Y	IA 02-IOW-0300_2	Tipton Creek	from confluence with unnamed tributary (SE 1/4 S17 T87N R21W Hardin Co.) to confluence with New York Branch in S32 T88N R22W Hardin Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	USDA National Lab for Ag & Environment monitoring from 2007-08.	Low
5a	*5a*	N	IA 02-IOW-0330-L_0	Lower Pine Lake	Hardin County S4T87NR19W 0.5 mi E of Eldora.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 02-IOW-0335-L_0	Upper Pine Lake	Hardin County S4T87NR19W 0.5 mi E of Eldora.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5b-t	*5b*	N	IA 02-IOW-0380_1	East Branch Iowa River	mouth (S19T93N R23W Wright Co.) to confluence with unnamed tributary in S16 T94N R23W Hancock Co. north of Goodell	aquatic life	biological: unknown impact on fish / aquatic	low biotic index	IDNR/UHL biological (biocriteria) sampling in	Low
5a	*5a*	N	IA 02-IOW-03830-L_0	Eldred Sherwood Lake	Hancock County S21T94NR24W 3 mi. NE of Goodell.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state	ISU statewide lakes survey, 2004-07; UHL lakes survey	Low
5a	*5a*	N	IA 02-IOW-03830-L_0	Eldred Sherwood Lake	Hancock County S21T94NR24W 3 mi. NE of Goodell.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL county beach monitoring, 2006-2008	Low
5a	*5a*	N	IA 02-IOW-04095-L_0	Crystal Lake	Hancock County S15T97NR25W at Crystal Lake.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR county beach monitoring, 2004-2006	Medium
5a	*5a*	N	IA 02-SHL-00105-L_0	Avenue Of The Saints Lake	Bremer Co. approximately 2 miles E of Shell Rock in S7 T91N R14W	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 02-SHL-00105-L_0	Avenue Of The Saints Lake	Bremer Co. approximately 2 miles E of Shell Rock in S7 T91N R14W	aquatic life	turbidity	IDNR Fisheries Bureau reports poor fishery at this lake due to water clarity problems.	IDNR Fisheries Bureau.	Medium
5a	*5a*	N	IA 02-SHL-00105-L_0	Avenue Of The Saints Lake	Bremer Co. approximately 2 miles E of Shell Rock in S7 T91N R14W	aquatic life	algae	IDNR Fisheries Bureau reports poor fishery at this lake due to water clarity problems.	IDNR Fisheries Bureau.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*2b*	Y	IA 02-SHL-0020_2	Shell Rock River	from confluence with Rose Cr. (NW 1/4 S8 T97N R19W Cerro Gordo Co.) to the Iowa/Minnesota state line.	primary contact recreation	bacteria	geometric mean > WQ criterion	MN PCA monitoring, 2006-08.	Low
5p	*5p*	N	IA 02-SHL-0021_0	Flood Creek	mouth (S27 T93N R16W Butler Co.) to confluence with Beaver Cr. in S36 T95N R17W Floyd Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	*5b*	N	IA 02-SHL-00235_0	Palmer Creek	mouth (NW 1/4 S29 T93N R16W Butler Co.) to headwaters in S32 T93N R17W Butler Co..	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in August 2000 caused by animal waste.	IDNR fish kill investigation	High
5p	*5p*	N	IA 02-WFC-0020_1	West Fork Cedar River	from confluence with Shell Rock R. (S4 T90N R14W Black Hawk Co.) to confluence with Maynes Cr. in S7 T91N R17W Butler Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 02-WFC-0090-L_0	Beeds Lake	Franklin County S20T92NR20W 2 mi W 1 mi N of Hampton	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5b-t	*5b*	N	IA 02-WFC-0110_0	Bailey Creek	mouth (NE 1/4 S19 T93N R19W Franklin Co.) to confluence with unnamed tributary in S16 T94N R22W Cerro Gordo Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological sampling in 2003 and 2007.	Low
5a	*5a*	N	IA 02-WIN-0010_1	Winnebago River	mouth (Floyd Co.) to confluence with Calmus Cr. at Mason City in S34 T97N R20W Cerro Gordo Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 02-WIN-0010_2	Winnebago River	from confluence with Calmus Cr. (S34 T97N R20W Cerro Gordo Co.) to mill dam at Fertile in S34 T98N R22W Worth Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5b	*2a*	Y	IA 02-WIN-0020_1	Winnebago River	from upper end of mill pond at Fertile to confluence with Pike Run in S25 T99N R24W Winnebago Co.	aquatic life	biological: fish kill	Fish kill in August 2008 caused by silage runoff.	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 02-WIN-0020_2	Winnebago River	from confluence with Pike Run (S25 T99N R24W Winnebago Co.) to the Iowa/Minnesota state line	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1995, 2000, and 2006.	Low
5a	*5a*	N	IA 02-WIN-00450-L_0	Clear Lake	Cerro Gordo County S13T96NR22W at Clear Lake.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Medium
5b-t	*5b*	N	IA 02-WIN-0050_0	Calmus Creek	mouth (S34 T97N R20W Cerro Gordo Co.) to west line S30 T97N R20W Cerro Gordo Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001.	Low
5p	*3b*	Y	IA 02-WIN-0081_0	Beaver Creek	from confluence with DD54 in T98N R23W S25 Winnebago Co. to outlet structure at Rice Lake T99N R22W S19 Worth Co.	aquatic life	Low DO	Continuous DO monitoring shows violations of WQ criteria.	IDNR/UHL REMAP sampling in 2003.	Low
					Skunk River Basin					

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*2a*	Y	IA 03-NSK-0010_1	North Skunk River	mouth (S5 T74N R10W Keokuk Co.) to confluence with Cedar Cr. in S15 T75N R12W Keokuk Co.	aquatic life	chromium	Two violations of acute criterion from 2004-06	IDNR/UHL ambient monthly monitoring 2004-08.	Low
5a	*5a*	N	IA 03-NSK-0010_1	North Skunk River	mouth (S5 T74N R10W Keokuk Co.) to confluence with Cedar Cr. in S15 T75N R12W Keokuk Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*2a*	Y	IA 03-NSK-0010_2	North Skunk River	from confluence with Cedar Cr. (S15 T75N R12W Keokuk Co.) to confluence with Middle Cr. in S35 T76N R14W Mahaska Co.	aquatic life	chromium	Two violations of acute criterion from 2004-06	IDNR/UHL ambient monthly monitoring 2004-08.	Low
5a	*5a*	N	IA 03-NSK-0010_2	North Skunk River	from confluence with Cedar Cr. (S15 T75N R12W Keokuk Co.) to confluence with Middle Cr. in S35 T76N R14W Mahaska Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b-t	*5b*	N	IA 03-NSK-0020_2	North Skunk River	from the Mahaska/Poweshiek line to confluence with Sugar Cr. in S20 T78N R16W Poweshiek Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001.	Low
5a	*5a*	N	IA 03-NSK-00250-L_0	Hawthorn Lake	Mahaska County S10T77NR14W 1 mi S of Barnes City.	aquatic life	turbidity	aesthetically objectionable conditions: Secchi trophic state index approaching 65; rapidly declining fishery.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08; information from IDNR Fisheries Bureau.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*2a*	Y	IA 03-NSK-00250-L_0	Hawthorn Lake	Mahaska County S10T77NR14W 1 mi S of Barnes City.	primary contact recreation	algae	aesthetically objectionable conditions: Secchi trophic state index = 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 03-NSK-00250-L_0	Hawthorn Lake	Mahaska County S10T77NR14W 1 mi S of Barnes City.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index approaching 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 03-NSK-00340-L_0	Rock Creek Lake	Jasper County S17T80NR17W 4 mi. ENE of Kellogg.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Medium
5b	*5b*	N	IA 03-NSK-0039_0	Coal Creek	from mouth (SW 1/4 S36 T76N R13W Keokuk Co.) to headwaters in center S17 T77N R13W Keokuk Co.	aquatic life	biological, fish kill: ammonia	Fish kill in September 2003 caused by animal waste.	IDNR fish kill investigation	Low
5a	*2a*	Y	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23 T67N R5W Lee Co.	aquatic life	cadmium	violations of chronic WQ criterion	Illinois EPA ambient WQ monitoring, 2006-08.	Low
5a	*5a*	N	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23 T67N R5W Lee Co.	aquatic life	aluminum	violations of chronic WQ criterion	Illinois EPA ambient WQ monitoring, 2006-08.	Low
5a	*5a*	N	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23 T67N R5W Lee Co.	drinking water	arsenic	violations of human health criterion (0.18 ug/l)	Illinois EPA ambient WQ monitoring, 2006-08.	Low
5a	*5a*	N	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23 T67N R5W Lee Co.	primary contact recreation	bacteria	listing in 2010 by adjacent state	Illinois EPA	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 03-SKM-0010_2	Mississippi River	from confluence with Sugar Cr. (S23 T67N R5W Lee Co.) to confluence with Skunk R.	primary contact recreation	bacteria	listing in 2010 by adjacent state	Illinois EPA	Low
5a	*5a*	N	IA 03-SKU-00650-L_0	Geode Lake	Henry County S36T70NR5W 4 mi. SW of Danville.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 03-SKU-00650-L_0	Geode Lake	Henry County S36T70NR5W 4 mi. SW of Danville.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR) in 1996, 2006 and 2008.	Low
5a	*5a*	N	IA 03-SKU-00650-L_0	Geode Lake	Henry County S36T70NR5W 4 mi. SW of Danville.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	High
5a	*5a*	N	IA 03-SKU-00650-L_0	Geode Lake	Henry County S36T70NR5W 4 mi. SW of Danville.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5b	*3a*	Y	IA 03-SKU-0080_3	Big Creek	from confluence with Brandywine Cr. (S29 T72N R6W Henry Co.) to Lawrence Cr. in S5 T71N R5W Henry Co. (Note: Segment boundary changed in 2004 to match 2002 WQ Standards.)	aquatic life	biological: fish kill	Fish kill in October 2008 caused by spill of liquid manure from dairy operation.	IDNR fish kill investigation	Low
5b	*3a*	Y	IA 03-SKU-0081_0	South Big Creek	from confluence with Lawrence Creek (T71N R5W Sec5) to headwaters (T72N R4W Sec20)	aquatic life	biological: fish kill	Fish kill in October 2008 caused by spill of liquid manure from dairy operation.	IDNR fish kill investigation	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*3a*	Y	IA 03-SKU-00835_1	unnamed tributary to Brush Creek	mouth (SE1/4 SE1/4 S31 T71N R5W Henry Co.) to confluence with unnamed trib in SE1/4 SW1/4 S27 T71N R5W Henry Co.	aquatic life	wastewater	violation of Iowa's narrative (free from) WQ criteria:	Iowa DNR use attainability analysis, 2006.	Medium
5b-t	*5a*	N	IA 03-SKU-0085_0	Saunders Branch	mouth (SW 1/4 S17 T71N R6W Henry Co.) to headwaters	aquatic life	biological: impact of ammonia on fish / aquatic macro-invertebrates	overwhelming evidence of impacts from coal tar site and/or discharge from WWTP	IDNR/UHL biocriteria sampling, 1998	Low
5b-t	*5a*	N	IA 03-SKU-0085_0	Saunders Branch	mouth (SW 1/4 S17 T71N R6W Henry Co.) to headwaters	aquatic life	biological: impact of low DO/organic enrichment on fish / aquatic macro-invertebrates	overwhelming evidence of impacts from coal tar site and/or discharge from WWTP	IDNR/UHL biocriteria sampling, 1998	Low
5b-t	*5a*	N	IA 03-SKU-0085_0	Saunders Branch	mouth (SW 1/4 S17 T71N R6W Henry Co.) to headwaters	aquatic life	biological: impact of priority organics from coal tar deposits on fish / aquatic macro-invertebrates	overwhelming evidence of impacts from coal tar site and/or discharge from WWTP	IDNR/UHL biocriteria sampling, 1998	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 03-SKU-0090_1	Cedar Creek	mouth (S9 T71N R7W Henry Co.) to confluence with Little Cedar Cr. in S17 T70N R7W Henry Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 03-SKU-00945-L_0	Walton Reservoir	Jefferson County S30T72NR9W at NE edge of Fairfield.	drinking water	atrazine	average levels > atrazine MCL (3 ppb)	Results of Syngenta Inc. monitoring from 2000-02	Low
5b	*3a*	Y	IA 03-SKU-0126_0	East Fork Crooked Creek	from confluence (T73N R05W Sec8) to headwaters (T72N R04W Sec16)	aquatic life	biological: fish kill	Fish kill in August 2008 caused by aerial spraying of fungicide (pyraclostrobin).	IDNR fish kill investigation	Low
5b	*5b*	N	IA 03-SKU-0130_0	West Fork Crooked Creek	mouth to trib S21T76NR9W Washington Co	aquatic life	biological: fish kill	Fish kill in 2002; unknown cause	IDNR fish kill investigation	Low
5a	*5a*	N	IA 03-SKU-01450-L_0	Lake Darling	Washington County S21T74NR9W 3 mi W of Brighton.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Medium
5b	*3a*	Y	IA 03-SKU-0174_0	Unnamed Tributary to Indian Creek	from mouth (center S6 T74N R8W Washington Co.) to headwaters (T75N R8W Sec29 Washington Co.)	aquatic life	biological: fish kill	Fish kill in December 2009 caused by animal waste.	IDNR fish kill investigation	Low
5a	*5a*	N	IA 03-SSK-0010_2	South Skunk River	from the Highway 21 bridge (S34T75N R13W Keokuk Co.) to the Highway 63 bridge north of Oskaloosa in S25 T76N R16W Mahaska Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 03-SSK-0010_3	South Skunk River	from the Highway 63 bridge north of Oskaloosa (S25 T76N R16W Mahaska Co.) to confluence with Elk Cr. in NE 1/4 S19 T77N R17W Mahaska Co.	drinking water	nitrate	> 10% of samples violate nitrate MCL (10 ppm)	IDNR/UHL ambient monthly monitoring 2006-08.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 03-SSK-0010_3	South Skunk River	from the Highway 63 bridge north of Oskaloosa (S25 T76N R16W Mahaska Co.) to confluence with Elk Cr. in NE 1/4 S19 T77N R17W Mahaska Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County S28T75NR14W 4 mi SSW of Rose Hill.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County S28T75NR14W 4 mi SSW of Rose Hill.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County S28T75NR14W 4 mi SSW of Rose Hill.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County S13T75NR15W 4.5 mi E of Oskaloosa.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County S13T75NR15W 4.5 mi E of Oskaloosa.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County S13T75NR15W 4.5 mi E of Oskaloosa.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County S13T75NR15W 4.5 mi E of Oskaloosa.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 03-SSK-0020_1	South Skunk River	from confluence with Indian Creek (S32 T80N R20W Jasper Co.) to outfall of Ames wastewater treatment plant in SW 1/4 S32 T83N R23W Story Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 03-SSK-0030_2	South Skunk River	from the Ames Water Works dam in River Valley Park at Ames (S36 T84N R24W Story Co.) to the Co. Rd. at north line of S6 T85 R23W Story Co (approximately 1 mile NNE of Story City)	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5b-t	*5b*	N	IA 03-SSK-0030_3	South Skunk River	from the north line of S6 T85 R23W Story Co (approximately 1 mile NNE of Story City) to confluence with Drainage Ditch 71 in SE 1/4 S11 T86N R24W Hamilton Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 1997 and 2003.	Low
5p	*5p*	N	IA 03-SSK-0040_0	Indian Creek	mouth (S32 T80N R20W Jasper Co.) to confluence of East Indian and West Indian creeks in S16 T82N R22W Story Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 03-SSK-00530-L_0	Hickory Grove Lake	Story County S24T83NR22W 2.5 mi SW of Colo.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR county beach monitoring, 2006-2008	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*5b*	N	IA 03-SSK-0056-L_0	Lake Patoka	Polk Co. T80N R22W Section 29 SE East of Bondurant on Hwy 65	aquatic life	biological, fish kill: chlorine	Fish kill in April 2005 caused by chlorine in city water discharged to lake following tank-leak test.	IDNR fish kill investigation	Medium
5b-t	*5b*	N	IA 03-SSK-0057_0	Ballard Creek	mouth to unnamed tributary in S15, T82N, R24W, Story Co.	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in August 2002 caused by animal waste.	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 03-SSK-0058_0	Walnut Creek	mouth (S5 T82N R23W Story Co.) to confluence with unnamed tributary in SE 1/4 S34 T83N R24W Story Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1999 and 2007.	High
5b-t	*5b*	N	IA 03-SSK-0090_0	Long Dick Creek	mouth (S18 T85N R23W Story Co.) to N. line of S34 T86N R23W Hamilton Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2003 and 2008.	High
5b	*5b*	N	IA 03-SSK-0091_0	Long Dick Creek	N. line of S34 T86N R23W Hamilton Co to headwaters	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in April 2004 caused by animal waste.	IDNR fish kill investigation	High
5p	*3a*	N	IA 03-SSK-0091_0	Long Dick Creek	N. line of S34 T86N R23W Hamilton Co to headwaters	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring in 2007 and 2008.	High
					Des Moines River Basin					

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*3b*	Y	IA 04-EDM-0041_0	Lotts Creek	DD79 in T94N R30W Sec 15 SE	aquatic life	biological: fish kill	Fish kill in September 2008; suspected human cause	IDNR fish kill investigation	High
5b-t	*5b*	N	IA 04-EDM-0090_2	Buffalo Creek	from confluence with Union Slough Outlet (S9 T97N R28W Kossuth Co.) to confluence with Little Buffalo Cr. in S4 T97N R27W Kossuth Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2000.	Low
5b-t	*5b*	N	IA 04-EDM-0090_3	Buffalo Creek	confluence with Little Buffalo Cr.(S4 T97N R27W Kossuth Co.) to confluence with Drainage Ditch 48 in S33 T98N R26W Winnebago Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2000.	Low
5b-t	*5b*	N	IA 04-FAB-0010_0	North Fabius River	IA/MO line to trib S33T68NR15W Davis Co	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2006.	Medium
5b-t	*5b*	N	IA 04-FOX-0010_1	Fox River	from the Iowa/Missouri state line to confluence with an unnamed tributary in NW 1/4 S6 T68N R12W Davis Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low

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5b-t	*5b*	N	IA 04-FOX-0010_2	Fox River	from unnamed tributary (NW 1/4 S6 T68N R12W Davis Co.) to confluence with unnamed tributary in S29 T69N R15W Davis Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5a	*5a*	N	IA 04-LDM-0010_1	Des Moines River	mouth (S34, T65N, R5W, Lee Co.) to confluence with Sugar Cr. in S25, T65N, R6W, Lee Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	*5a*	N	IA 04-LDM-0010_2	Des Moines River	from confluence with Sugar Cr. (S25, T65N, R6W, Lee Co.) to confluence with Indian Cr. in S35, T68N, R8W, Van Buren Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	*5b*	N	IA 04-LDM-0010_3	Des Moines River	from confluence with Indian Cr. (S35 T68N R8W Van Buren Co.) to confluence with Chequest Cr. in S27 T69N R10W Van Buren Co.	aquatic life	biological: fish kill: unknown	Fish kills, primarily of shovelnose sturgeon; most recently in 2002 and 2006.	IDNR fish kill investigations.	Low
5b	*5b*	N	IA 04-LDM-0010_4	Des Moines River	from confluence with Chequest Cr. (S27 T69N R10W Van Buren Co.) to confluence with Soap Cr. in S35 T71N R12W Wapello Co.	aquatic life	biological: fish kill: unknown	Fish kills, primarily of shovelnose sturgeon; most recently in 2002 and 2006.	IDNR fish kill investigations.	Low
5b	*5b*	N	IA 04-LDM-0020_1	Des Moines River	from confluence with Soap Cr. (S35 T71NR12W Wapello Co.) to lowhead dam at Ottumwa in S24 T72N R14W Wapello Co.	aquatic life	biological: fish kill: unknown	Fish kills, primarily of shovelnose sturgeon; most recently in 2002 and 2006.	IDNR fish kill investigations.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 04-LDM-0020_1	Des Moines River	from confluence with Soap Cr. (S35 T71NR12W Wapello Co.) to lowhead dam at Ottumwa in S24 T72N R14W Wapello Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 04-LDM-0020_2	Des Moines River	from Ottumwa dam (S24, T72N, R14W, Wapello Co.) to confluence with Cedar Cr. in S33, T75N, R17W, Mahaska Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	*5b*	N	IA 04-LDM-00215-L_0	Ottumwa Lagoon	Wapello County S25T72NR14W at Ottumwa.	aquatic life	biological: fish kill: petroleum products	Fish kill in August 2006 caused by spill of petroleum products.	IDNR fish kill investigations.	Low
5a	*1*	Y	IA 04-LDM-0030-L_0	Red Rock Reservoir	Marion County S19T76NR18W near Pella.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE beach monitoring 2006-08.	Low
5a	*1*	Y	IA 04-LDM-0030-L_0	Red Rock Reservoir	Marion County S19T76NR18W near Pella.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index = 65.	ISU statewide lakes survey, 2004-08.	Medium
5a	*5a*	N	IA 04-LDM-00380-L_0	Roberts Creek Lake	Marion County S4T76NR19W 6 mi NE of Knoxville.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 04-LDM-00380-L_0	Roberts Creek Lake	Marion County S4T76NR19W 6 mi NE of Knoxville.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium

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5a	*2a*	Y	IA 04-LDM-00490-L_0	Easter Lake	Polk County S19T78R23W SE edge of Des Moines.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR county beach monitoring, 2006-2008	Low
5b-t	*5b*	N	IA 04-LDM-0090_2	Soap Creek	from confluence with Little Soap Cr. (S1 T70N R13W Davis Co.) to confluence with unnamed tributary in S31 T71N R16W Monroe Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2002 and 2004.	Low
5b	*5b*	N	IA 04-LDM-0130_0	Miller Creek	mouth (S7 T73N R15W Wapello Co.) to unnamed tributary in S29 T73N R16W Monroe Co.	aquatic life	biological: fish kill: unknown	Fish kills in 2000, 2003 and 2008; 2008 kill caused by wastewater	IDNR fish kill investigations	Low
5b-t	*5b*	N	IA 04-LDM-0140_1	Muchakinock Creek	mouth (SW 1/4 NW 1/4 S6 T73N R15W Wapello Co.) to confluence with Little Muchakinock Cr. in S34 T75N R16W Mahaska Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling, 2000	Low
5b-t	*5b*	N	IA 04-LDM-0140_2	Muchakinock Creek	from confluence with Little Muchakinock Cr. (S34 T75N R16W Mahaska Co.) to confluence with unnamed tributary in NW 1/4 SW 1/4 S27 T76N R17W Mahaska Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling, 2000	Low
5p	*5p*	N	IA 04-LDM-0160_0	Cedar Creek	mouth (S33 T75N R17W Mahaska Co.) to confluence with North Cedar Cr. in S15 T74N R18W Marion Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

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5b-t	*5b*	N	IA 04-LDM-0170_0	Cedar Creek	N Cedar Cr->Mormon Br S5T71NR18W Monroe Co	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling, 2006	Low
5a	*5a*	N	IA 04-LDM-0200_0	White Breast Creek	from mouth (S10 T76N R19W Marion Co.) to confluence with Little White Breast Cr. in S11 T73 R22 Lucas Co.	aquatic life	low DO	Violation of criteria for dissolved oxygen suggest declining water quality trend.	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5b-t	*5b*	N	IA 04-LDM-0200_0	White Breast Creek	from mouth (S10 T76N R19W Marion Co.) to confluence with Little White Breast Cr. in S11 T73 R22 Lucas Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological sampling, 1999.	Low
5a	*5a*	N	IA 04-LDM-0200_0	White Breast Creek	from mouth (S10 T76N R19W Marion Co.) to confluence with Little White Breast Cr. in S11 T73 R22 Lucas Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Medium
5b-t	*5b*	N	IA 04-LDM-0210_2	White Breast Creek	from confluence with Brush Cr. (S22 T72N R23W Lucas Co.) to confluence with unnamed tributary in S4 T71N R24W Clarke Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling, 2002.	Low

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5a	*2a*	Y	IA 04-LDM-02296-L_0	Red Haw Lake	Lucas County S28T71NR21W 2 mi SE of Chariton.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2009	fish contaminant monitoring (RAFT and IDNR), 2004, 2007 and 2008	Low
5a	*5a*	N	IA 04-LDM-02296-L_0	Red Haw Lake	Lucas County S28T71NR21W 2 mi SE of Chariton.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Low
5p	*5p*	N	IA 04-LDM-0230_0	South River	mouth (Warren Co.) to confluence with Squaw Cr. in S2 T75N R24W Warren Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*5a*	N	IA 04-LDM-02615-L_0	Lake Ahquabi	Warren County S14T75NR24W 4 mi SSW of Indianola.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 04-LDM-02690-L_0	West Lake (Osceola)	Clarke County S13T72NR26W approx 2 mi W of Osceola.	aquatic life	low DO	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5b*	N	IA 04-LDM-0270_0	Middle River	mouth (Warren Co.) to confluence with Clanton Cr. in S28 T76N R25W Warren Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling, 2002.	Low

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5a	*5p*	N	IA 04-LDM-0270_0	Middle River	mouth (Warren Co.) to confluence with Clanton Cr. in S28 T76N R25W Warren Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5a	*2a*	Y	IA 04-LDM-02700-L_0	Grade Lake	Osceola (T72N R25W Sec19)	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2009	fish contaminant monitoring (RAFT and IDNR), 2007 and 2008	Low
5a	*5a*	N	IA 04-LDM-02725-L_0	South Banner Lake	Warren County S30T77NR23W 5 mi N of Indianola.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR) in 2005 and 2006.	Low
5a	*5a*	N	IA 04-LDM-02726-L_0	North Banner Lake	Warren County S30T77NR23W 5 mi N of Indianola.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR) in 2005 and 2006.	Low
5a	*5a*	N	IA 04-LDM-02870-L_0	Meadow Lake	Adair County S17T76NR31W 5 mi N of Greenfield.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5b-t	*5b*	N	IA 04-LDM-0300_2	North River	from Co. Rd. R-63 (S16 T77N R24W Warren Co.) to confluence with Badger Cr. in S33 T77N R25W Warren Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological monitoring in 2002 (REMAP) and 2004 (biocriteria).	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 04-LDM-0300_2	North River	from Co. Rd. R-63 (S16 T77N R24W Warren Co.) to confluence with Badger Cr. in S33 T77N R25W Warren Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low
5p	*3b*	Y	IA 04-LDM-0350_0	Bear Creek	mouth (T72N R14W Sec23) to headwaters (T71N R15W Sec7) Wapello Co.	aquatic life	low DO	Continuous DO monitoring shows violations of WQ criteria.	2005 IDNR/UHL continuous monitoring	
5a	*5a*	N	IA 04-RAC-00475-L_0	Black Hawk Lake	Sac County S35T87NR36W at Lake View.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 04-RAC-00475-L_0	Black Hawk Lake	Sac County S35T87NR36W at Lake View.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 04-RAC-00475-L_0	Black Hawk Lake	Sac County S35T87NR36W at Lake View.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	High
5b-t	*5b*	N	IA 04-RAC-0050_2	North Raccoon River	from County Road M54 (S24T88N R36W Sac Co.) to confluence with Drainage Ditch 101 in S36 T91N R36W Buena Vista Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 1998 and 2004.	Low
5a	*3a*	Y	IA 04-RAC-00530-L_0	Storm Lake	Buena Vista County S14T90NR37W at Storm Lake.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR city/county beach monitoring, 2008-2009.	Low

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5a	*5a*	N	IA 04-RAC-0123_0	Marrowbone Creek	mouth to trib S17T85NR33W Carroll Co.	aquatic life	low DO	Violation of criteria for dissolved oxygen .	IDNR/UHL diurnal DO sampling conducted for REMAP and IDNR/UHL TMDL-related monitoring in 2006.	High
5b-t	*5b*	N	IA 04-RAC-0123_0	Marrowbone Creek	mouth to trib S17T85NR33W Carroll Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2002 and stressor ID monitoring in 2007.	High
5b	*3a*	Y	IA 04-RAC-0127_0	Elk Run	mouth-> DD-72/81 S5T85NR34W Carroll Co	aquatic life	biological, fish kill: ammonia	Fish kill in November 2004 caused by animal waste.	IDNR fish kill investigation	Low
5a	*3b*	Y	IA 04-RAC-01395-L_0	South Twin Lake	Calhoun County S1T88NR33W 3 mi N of Rockwell City.	aquatic life	algae	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*3b*	Y	IA 04-RAC-01395-L_0	South Twin Lake	Calhoun County S1T88NR33W 3 mi N of Rockwell City.	aquatic life	turbidity	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low

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5a	*3a*	Y	IA 04-RAC-01690-L_0	Pickerel Lake	Buena Vista County S1T93NR35W 4 mi NE of Marathon.	aquatic life	algae	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*3a*	Y	IA 04-RAC-01690-L_0	Pickerel Lake	Buena Vista County S1T93NR35W 4 mi NE of Marathon.	aquatic life	turbidity	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*3a*	Y	IA 04-RAC-01690-L_0	Pickerel Lake	Buena Vista County S1T93NR35W 4 mi NE of Marathon.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*3a*	Y	IA 04-RAC-01690-L_0	Pickerel Lake	Buena Vista County S1T93NR35W 4 mi NE of Marathon.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5b	*5b*	N	IA 04-RAC-01695_0	Poor Farm Creek	mouth (T91N R36W Sec 15 Buena Vista Co.) to headwaters in S34 T91N R37W Buena Vista Co.	aquatic life	biological: fish kill: unknown	Fish kills in July 2004 caused by storm sewer flush of petroleum products and/or chlorine in city water.	IDNR fish kill investigations	Low
5a	*5a*	N	IA 04-RAC-0170_0	South Raccoon River	mouth (S21 T78 R27W Dallas Co.) to confluence with Middle Raccoon R. in S9 T78N R29W near Redfield in Dallas Co	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2006-08.	Low

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5a	*2a*	Y	IA 04-RAC-01750-L_0	Beaver Lake	Dallas County S20T78NR29W 1.5 mi. N of Dexter.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*2a*	Y	IA 04-RAC-01750-L_0	Beaver Lake	Dallas County S20T78NR29W 1.5 mi. N of Dexter.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 04-RAC-01750-L_0	Beaver Lake	Dallas County S20T78NR29W 1.5 mi. N of Dexter.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5b	*5b*	N	IA 04-RAC-02401_0	Mosquito Creek	from confluence with unnamed tributary in S21 T81N R30W Guthrie Co. to headwaters in SW 1/4 S19 T81N R31W Guthrie Co.	aquatic life	biological: fish kill: ammonia	Fish kill in September 2003; source of ammonia unknown.	IDNR fish kill investigations	Low
5b	*5b*	N	IA 04-RAC-0251_0	Brushy Creek	from Guthrie/Audubon county line (west line S6 T81N R33W Guthrie Co.) to confluence with an unnamed tributary in S6 T82N R34W Carroll Co.	aquatic life	biological: fish kill: ammonia/low DO	Fish kills in December 2005 caused by animal waste.	IDNR fish kill investigations	High
5b	*5b*	N	IA 04-RAC-0253_0	Brushy Creek	from confluence with unnamed tributary (S6 T82N R34W Carroll Co.) to headwaters in S27 T84N R36W Carroll Co.	aquatic life	biological: fish kill: ammonia/low DO	Fish kills in December 2005 caused by animal waste.	IDNR fish kill investigations	High
5a	*5a*	N	IA 04-UDM-0020-L_0	Saylorville Reservoir	Polk County Saylorville Dam to Polk-Dallas county line.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE beach monitoring, 2006-08.	Low
5a	*5a*	N	IA 04-UDM-0030_1	Des Moines River	from upper end of Saylorville Reservoir to Fraser Dam in S34 T85N R27W Boone Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE ambient monitoring 2006-08.	Low

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5a	*5a*	N	IA 04-UDM-0030_2	Des Moines River	from Fraser Dam (S34 T85N R27W Boone Co.) to confluence with the Boone R. in SE 1/4 S25 T87N R27W Webster Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE ambient monitoring 2006-08.	Low
5a	*5a*	N	IA 04-UDM-0040_1	Des Moines River	from confluence with Boone R. (S25 T87N R27W Webster Co.) to west line of S15 T88N R28W Webster Co. (approximately 1.3 miles downriver from Kalo)	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 04-UDM-0040_2	Des Moines River	from the west line of S15 T88N R28W (Webster Co.) to the dam of the Ft. Dodge impoundment.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*2a*	Y	IA 04-UDM-0060_0	Des Moines River	from upper end of the Ft. Dodge impoundment (Webster Co.) to the confluence with the East Fork Des Moines R. in S19 T91N R28W Humboldt Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 04-UDM-0070_0	Des Moines River	from confluence with East Fork Des Moines R. (S19 T91N R28W Humboldt Co.) to Humboldt Dam at Lake Nokomis at Humboldt.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5p	*5p*	N	IA 04-UDM-0110_1	Beaver Creek	mouth (S17 T79N R24W Polk Co.) to the Polk/Dallas county line (west line S18 T80N R25W Polk Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 04-UDM-0140-L_0	Big Creek Lake	Polk County S22T81NR25W near Polk City	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	High

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5a	*2a*	Y	IA 04-UDM-01650-L_0	Don Williams Lake	Boone County S5T84NR27W 5 mi. N of Ogden.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR county beach monitoring, 2006-2008	Low
5b-t	*5b*	N	IA 04-UDM-0170_0	Skillet Creek	mouth (S16 T86N R27W Webster Co.) to confluence with unnamed tributary in NW 1/4 SE 1/4 S14 T86N R28W Webster Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index believed due to WWTP discharge; potentially includes ammonia and/or low DO.	IDNR/UHL biological (biocriteria) monitoring, 1998.	Low
5a	*5a*	N	IA 04-UDM-0180_1	Boone River	mouth (Webster Co.) to Hwy 17 in S18, T88N, R25W, Hamilton Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5b*	N	IA 04-UDM-01880-L_0	Briggs Woods Lake	Hamilton County S17T88NR25W near Webster City.	aquatic life	biological: fish kill: low DO	fish kill in 2005, attributed to low dissolved oxygen and excessive macrophytes	IDNR fish kill investigation	High
5a	*2a*	Y	IA 04-UDM-01880-L_0	Briggs Woods Lake	Hamilton County, S17,T88N,R25W near Webster City.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5b	*5b*	N	IA 04-UDM-0215_0	Lyons Creek	mouth (NW 1/4 S6 T88N R25W Hamilton Co.) to headwaters in S18 T89NR24W Hamilton Co.	aquatic life	biological: fish kill: unknown	Fish kill in 2001; although traced to tile line, no cause/source identified.	IDNR fish kill investigation	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 04-UDM-0215_0	Lyons Creek	mouth (NW 1/4 S6 T88N R25W Hamilton Co.) to headwaters in S18 T89NR24W Hamilton Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring from June 2006 through April 2007	Low
5p	*5p*	N	IA 04-UDM-0247_0	Buttermilk Creek	mouth (T92N R26W Sec 33) to headwaters (T92N R26W Sec 34) Wright County	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring from June 2006 through April 2007	Low
5b	*5b*	N	IA 04-UDM-0253_1	West Otter Creek	mouth (S31 T93N R25W Wright Co.) to the Wright-Hancock county line (north line S4 T93N R25W Wright Co.	aquatic life	biological: fish kill, cause unknown	Fish kill in 2000; pollutant suspected but no cause/source identified.	IDNR fish kill investigation	Low
5b	*3a*	Y	IA 04-UDM-0266_0	East Branch Boone River	from mouth (T94N R26W Sec36) to headwaters (T95N R25W Sec4)	aquatic life	biological: fish kill: pesticides	Fish kills in September 2009 caused by pesticides for aerial spraying.	IDNR fish kill investigations	Low
5b-t	*5b*	N	IA 04-UDM-0300_1	Lizard Creek	mouth to confluence with unnamed tributary in N 1/2 S31 T90N R30W Webster Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological sampling in 2002 (biocriteria) and 2004 (REMAP).	Low
5p	*5a*	N	IA 04-UDM-0300_1	Lizard Creek	mouth to confluence with unnamed tributary in N 1/2 S31 T90N R30W Webster Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*3b*	Y	IA 04-UDM-03110-L_0	Lizard Lake	Pocahontas County S22T91NR34W 4 mi SW of Gilmore City.	aquatic life	algae	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*3b*	Y	IA 04-UDM-03110-L_0	Lizard Lake	Pocahontas County S22T91NR34W 4 mi SW of Gilmore City.	aquatic life	turbidity	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*2a*	Y	IA 04-UDM-0510-L_0	Fourmile Lake	Emmett County S18T99NR34W 3.5 mi W of Estherville.	aquatic life	algae	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2007.	Low
5a	*2a*	Y	IA 04-UDM-0510-L_0	Fourmile Lake	Emmett County S18T99NR34W 3.5 mi W of Estherville.	aquatic life	turbidity	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2007.	Low
					Southern Iowa River Basins					
5a	*5a*	N	IA 05-CHA-0010_2	Chariton River	from the Highway 2 crossing (S27, T69N, R17W, Appanoose Co.) to Rathbun Dam in S35, T69N, R18W, Appanoose Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 05-CHA-0020-L_2	Rathbun Reservoir	from main lake basin uplake to inflow of South Fork Chariton River in S36 T70N R20W Wayne Co.	aquatic life	turbidity	impacts on sport fishery	IDNR Fisheries Bureau report.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 05-CHA-0020-L_2	Rathbun Reservoir	from main lake basin uplake to inflow of South Fork Chariton River in S36 T70N R20W Wayne Co.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	Army Corps of Engineers monitoring, 2006-08	Medium
5a	*5a*	N	IA 05-CHA-0020-L_2	Rathbun Reservoir	from main lake basin uplake to inflow of South Fork Chariton River in S36 T70N R20W Wayne Co.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Army Corps of Engineers monitoring, 2006-08	Medium
5a	*5a*	N	IA 05-CHA-0020-L_3	Rathbun Reservoir	from main lake basin (state highway 142) uplake to inflow of the Chariton River at the Wayne/Lucas county line.	aquatic life	turbidity	impacts on sport fishery	IDNR Fisheries Bureau report.	Medium
5a	*5a*	N	IA 05-CHA-0020-L_3	Rathbun Reservoir	from main lake basin (state highway 142) uplake to inflow of the Chariton River at the Wayne/Lucas county line.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	Army Corps of Engineers monitoring, 2006-08	Medium
5a	*5a*	N	IA 05-CHA-0020-L_3	Rathbun Reservoir	from main lake basin (state highway 142) uplake to inflow of the Chariton River at the Wayne/Lucas county line.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Army Corps of Engineers monitoring, 2006-08	Medium
5a	*1*	Y	IA 05-CHA-0020-L_4	Rathbun Reservoir	from main lake basin uplake to inflow of Honey Creek in NW1/4 S8 T70N R18W Appanoose Co.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	Army Corps of Engineers monitoring, 2004-06	Medium
5a	*5a*	N	IA 05-CHA-0030_1	Chariton River	from upper end of Rathbun Lake to Hwy 14 Lucas Co.	aquatic life	low DO	violations of water quality criterion for dissolved oxygen	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 05-CHA-0030_1	Chariton River	from upper end of Rathbun Lake to Hwy 14 Lucas Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5b-t	*5b*	N	IA 05-CHA-0030_2	Chariton River	from Hwy 14 (Lucas Co.) to confluence with Chariton Cr. in S19 T71N R23W Lucas Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002 and IDNR Fisheries monitoring, 2000-02	Low
5p	*5p*	N	IA 05-CHA-00301_0	Chariton River	from confluence with Chariton Creek (S19 T71N R23W Lucas Co.) to headwaters	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5p	*5p*	N	IA 05-CHA-00302_0	Chariton Creek	mouth (S19 T71N R23W Lucas Co.) to headwaters	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5a	*2a*	Y	IA 05-CHA-00325-L_0	Centerville Reservoir Upper	Appanoose County S11T68NR18W near Centerville.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2009	fish contaminant monitoring (RAFT and IDNR)	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b-t	*5b*	N	IA 05-CHA-0040_0	Cooper Creek	mouth to trib S9T68NR19W Appanoose Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring, 2005.	Low
5p	*5p*	N	IA 05-CHA-0056_0	Honey Creek	from upper end of Honey Creek arm of Rathbun Lake (NW 1/4 S8 T70N R18W Appanoose Co.) to headwaters in NW 1/4 S27 T71N R19W Monroe Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5b	*5b*	N	IA 05-CHA-0057_0	Unnamed Tributary to Rathbun Reservoir	mouth at Rathbun Reservoir to headwaters (T70N R19W Sec 25) Appanoose Co.	aquatic life	biological: fish kill: petroleum products	Fish kill in 2005 caused by spill of diesel fuel	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 05-CHA-0060_1	South Fork Chariton River	mouth (at Rathbun Lake) to confluence with Ninemile Cr. in S4 T69N R22W Wayne Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	*5p*	N	IA 05-CHA-0060_1	South Fork Chariton River	mouth (at Rathbun Lake) to confluence with Ninemile Cr. in S4 T69N R22W Wayne Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b-t	*5b*	N	IA 05-CHA-0060_2	South Fork Chariton River	from confluence with Ninemile Cr. (S4 T69N R22W Wayne Co.) to outfall of Bob White Lake in S4 T68N R22W Wayne Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	*5p*	N	IA 05-CHA-0060_2	South Fork Chariton River	from confluence with Ninemile Cr. (S4 T69N R22W Wayne Co.) to outfall of Bob White Lake in S4 T68N R22W Wayne Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5p	*5p*	N	IA 05-CHA-0061_0	Walker Branch	mouth (S36 T70N R20W Wayne Co.) to confluence with S. Fk. Walker Branch in SE 1/4 S26 T70N R20W Wayne Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5p	*5b*	N	IA 05-CHA-0062_0	Jordan Creek	mouth (S1 T70N R21W Wayne Co.) to confluence with unnamed tributary in E 1/2 NW 1/4 S26 T70N R21W Wayne Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5b-t	*5p*	N	IA 05-CHA-0062_0	Jordan Creek	mouth (S1 T70N R21W Wayne Co.) to confluence with unnamed tributary in E 1/2 NW 1/4 S26 T70N R21W Wayne Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b-t	*5b*	N	IA 05-CHA-0063_0	Jackson Creek	mouth (S1 T70N R21W Wayne Co.) to confluence with unnamed tributary in S12 T68N R21W Wayne Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	*5p*	N	IA 05-CHA-0063_0	Jackson Creek	mouth (S1 T70N R21W Wayne Co.) to confluence with unnamed tributary in S12 T68N R21W Wayne Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5b-t	*5b*	N	IA 05-CHA-0064_0	West Jackson Creek	mouth to trib S31T69NR21W Wayne Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	High
5b-t	*5b*	N	IA 05-CHA-0066_0	Ninemile Creek	mouth (S4 T69N R22W Wayne Co.) to confluence with unnamed tributary in S31 T70N R22W Wayne Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	*5p*	N	IA 05-CHA-0066_0	Ninemile Creek	mouth (S4 T69N R22W Wayne Co.) to confluence with unnamed tributary in S31 T70N R22W Wayne Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b-t	*5b*	N	IA 05-CHA-0067_0	Dick Creek	mouth to trib S18T69NR22W Wayne Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	High
5p	*5p*	N	IA 05-CHA-0068_0	Honey Creek	mouth (S26 T71N R20W Lucas Co.) to confluence with unnamed tributary in S10 T71N R20W Lucas Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5a	*5a*	N	IA 05-CHA-00690-L_0	Bob White Lake	Wayne County S4T68NR22W 1 mi W of Allerton.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2000-02	Low
5a	*5a*	N	IA 05-CHA-00690-L_0	Bob White Lake	Wayne County S4T68NR22W 1 mi W of Allerton.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5b-t	*5b*	N	IA 05-CHA-0070_0	Wolf Creek	mouth (S15 T71N R21W Lucas Co.) to confluence with unnamed tributary in E 1/2 NW 1/4 S8 T70N R22W Wayne Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria and REMAP) monitoring in 2005 and IDNR Fisheries Bureau biological monitoring in 2002.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	*5p*	N	IA 05-CHA-0070_0	Wolf Creek	mouth (S15 T71N R21W Lucas Co.) to confluence with unnamed tributary in E 1/2 NW 1/4 S8 T70N R22W Wayne Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5a	*2a*	Y	IA 05-CHA-0077_0	Fivemile Creek	mouth (S35 T71N R22W Lucas Co.) to confluence with unnamed tributary in S29 T71N R22W Lucas Co.	aquatic life	ammonia	Two violations of chronic criterion from 2006-08	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5p	*5p*	N	IA 05-CHA-0077_0	Fivemile Creek	mouth (S35 T71N R22W Lucas Co.) to confluence with unnamed tributary in S29 T71N R22W Lucas Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2006-08	Low
5b-t	*5b*	N	IA 05-GRA-0030_0	East Fork Medicine Creek	IA/MO line to trib S24T68NR22W Wayne Co	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	Medium
5a	*5a*	N	IA 05-GRA-0040_0	Thompson River	from the Iowa/Missouri state line to confluence with Long Cr. in SW 1/4 S8 T69N R26W Decatur Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low

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5b-t	*5b*	N	IA 05-GRA-0070_0	Weldon River	IA/MO line to Mormon Pool Decatur Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2003.	Low
5b-t	*5b*	N	IA 05-GRA-0080_0	Little River	IA/MO line to dam S30T69NR25W Decatur	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002.	Low
5a	*3b*	Y	IA 05-GRA-00810-L_0	Little River Watershed Lake	Decatur County S19T69NR25W approx 2 mi NW of Leon.	aquatic life	turbidity	Increasing turbidity causing declines in sport fish populations.	IDNR Fisheries Bureau	Low
5a	*5a*	N	IA 05-GRA-00810-L_0	Little River Watershed Lake	Decatur County S19T69NR25W approx 2 mi NW of Leon.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 05-GRA-00810-L_0	Little River Watershed Lake	Decatur County S19T69NR25W approx 2 mi NW of Leon.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 05-GRA-01010-L_0	Nine Eagles Lake	Decatur County S18T67NR25W 3.5 mi. SE of Davis City.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	fish contaminant monitoring (RAFT and IDNR) in 2001, 2005, and 2007.	Low
5a	*5a*	N	IA 05-GRA-01010-L_0	Nine Eagles Lake	Decatur County S18T67NR25W 3.5 mi. SE of Davis City.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Medium
5a	*5a*	N	IA 05-GRA-01410-L_0	Thayer Lake	Union County S22T72NR28W 1 mi SW of Thayer.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 05-GRA-01410-L_0	Thayer Lake	Union County S22T72NR28W 1 mi SW of Thayer.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5b-t	*5b*	N	IA 05-GRA-0170_0	Lotts Creek	IA/MO line (S24 TT67N R29W Ringgold Co.) to confluence with Tuckers Cr. in S12 T67N R29W Ringgold Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 1996 and 2003.	Low
5b-t	*5b*	N	IA 05-GRA-0180_0	Middle Fork Grand River	IA/MO line to trib S13T68NR30W Ringgold	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 05-GRA-01920-L_0	Loch Ayr	Ringgold County S30T69NR29W 2 miles N of Mt. Ayr.	drinking water	atrazine	declining water quality trend	Syngenta, Inc. voluntary monitoring program, 2000-01	Low
5p	*5p*	N	IA 05-NOD-0020_0	Nodaway River (aka West Nodaway R.)	from confluence with East Nodaway R. (S6 T67N R36W Page Co.) to confluence with Middle Nodaway R. in S33 T71N R36W Montgomery Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5p	*5p*	N	IA 05-NOD-0030_1	East Nodaway River	mouth (S6 T67N R36W Page Co.) to confluence with Long Branch Cr at S17-18 line T70N R35W Taylor Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5b-t	*5b*	N	IA 05-NOD-0030_2	East Nodaway River	Long Branch Cr (at W line S17 T70N R35W Taylor Co.) to Kemp Cr at E line S11 T71N R35W Adams Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low
5a	*5a*	N	IA 05-NOD-00485-L_0	Orient Lake	Adair County S20T74NR31W approx 1 mi SW of Orient.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 05-NOD-00485-L_0	Orient Lake	Adair County S20T74NR31W approx 1 mi SW of Orient.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 05-NOD-00485-L_0	Orient Lake	Adair County S20T74NR31W approx 1 mi SW of Orient.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b-t	*5b*	N	IA 05-NOD-0070_0	Middle Nodaway River	from confluence with West Fork Middle Nodaway R. (S33 T74N R33W Adair Co.) to confluence with unnamed tributary in S1 T75N R32W Adair Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 1998 and 2004.	Low
5a	*5a*	N	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County S17T76NR31W 1.5 mi SE of Bridgewater.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County S17T76NR31W 1.5 mi SE of Bridgewater.	human health (fish con-sumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory	fish contaminant monitoring (RAFT and IDNR) in 2006 and 2008.	Low
5a	*2b*	Y	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County S17T76NR31W 1.5 mi SE of Bridgewater.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Medium
5a	*5a*	N	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County S17T76NR31W 1.5 mi SE of Bridgewater.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 05-NOD-00930-L_0	Viking Lake	Montgomery County S6T71NR36W 4 mi. E of Stanton.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 05-NOD-00930-L_0	Viking Lake	Montgomery County S6T71NR36W 4 mi. E of Stanton.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*3a*	Y	IA 05-NOD-0115_0	Rose Creek	from mouth (T73N R36W Sec5) to headwaters (T74N R36W Sec4)	aquatic life	biological: fish kill: ammonia	Fish kill in 2009; caused by manure runoff from truck wash facility.	IDNR fish kill investigation	Low
5a	*5a*	N	IA 05-NSH-0020_1	East Nishnabotna River	mouth (S2 T67N R42W Fremont Co.) to confluence with Fisher Cr. in S27 T69N R40W Fremont Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	*5a*	N	IA 05-NSH-0020_2	East Nishnabotna River	from confluence with Fisher Cr. (S27 T69N R40W Fremont Co.) to Page/Montgomery county line	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 05-NSH-00310-L_0	Cold Springs Lake	Cass County S15T75NR37W 1 mi S of Lewis.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*2a*	Y	IA 05-NSH-00580-L_0	Lake Anita	Cass County S32T77NR34W 1/2 mi S Anita.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring.	Medium
5b-t	*5b*	N	IA 05-NSH-0060_0	Troublesome Creek	mouth to Fourmile Cr. Audubon Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2006.	Low
5b	*5b*	N	IA 05-NSH-0063_0	Davids Creek	mouth (S4 T79N R35W Audubon Co.) to Honey Cr. in S31 T79N R34W Audubon Co.	aquatic life	biological: fish kill: ammonia/low DO	Fish kill in 2004 caused by animal waste	IDNR fish kill investigation	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 05-NSH-0080_1	West Nishnabotna River	from confluence with Silver Cr. (S21 T71N R41W Mills Co.) to confluence Farm Cr. in S9 T73N R40W Mills Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5b-t	*5b*	N	IA 05-NSH-0090_3	West Nishnabotna River	from confluence with Elk Cr. (S36 T81N R38W Shelby Co.) to the Crawford-Carroll county line (west line S36 T82N R37W Crawford Co.)	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2000, 2003, and 2007.	Low
5b	*5b*	N	IA 05-NSH-0090_4	West Nishnabotna River	from the Crawford-Carroll county line (west line S36 T82N R37W Crawford Co.) to confluence with unnamed tributary in S34 T83N R36W Carroll Co.	aquatic life	biological: fish kill: ammonia/low DO	fish kill in 2001; caused by animal waste; no source identified.	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 05-NSH-0120_0	Silver Creek	from Middle Silver Cr. (S31 T74N R41W Pottawattamie Co.) to confluence with Little Silver Cr. in S34 T78N R40W Shelby Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/Fisheries biological monitoring in 1998.	Low
5b-t	*5b*	N	IA 05-NSH-0128_0	Mud Creek	mo to trib S14T73NR41W Mills Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	Medium

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5b-t	*5b*	N	IA 05-NSH-0133_0	Jordan Creek	mouth (S31 T74N R39W Pottawattamie Co.) to confluence with Spring Cr. in S4 T74N R39W Pottawattamie Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 1994 and 2001.	Low
5a	*5a*	N	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County S36T79NR38W 6 mi SE of Harlan.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County S36T79NR38W 6 mi SE of Harlan.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County S36T79NR38W 6 mi SE of Harlan.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County S36T79NR38W 6 mi SE of Harlan.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 05-PLA-0015-L_0	Sands Timber Lake (aka Blockton Reservoir)	S2 T67N R32W Taylor Co.	aquatic life	turbidity	turbidity-related impacts on sport fishery related to siltation and/or common carp	IDNR Fisheries Bureau	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 05-PLA-0020_0	Platte River	East Platte R to trib S16T72NR31W Union Co	aquatic life	biological: fish kill: unknown toxicity	Fish kill in 2004 caused by green dye via municipal WWTP	IDNR fish kill investigation	Low
5a	*5a*	N	IA 05-PLA-0021_0	Platte River	from confluence with tributary (T72N R31W Sec16) to Summit Lake (T72N R31W Sec3) at Creston Union Co.	aquatic life	biological: fish kill: unknown toxicity	Fish kill in 2004 caused by green dye via municipal WWTP	IDNR fish kill investigation	Low
5a	*5a*	N	IA 05-PLA-00295-L_0	Green Valley Lake	Union County S26T73NR31W 2.5 mi NW of Creston.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 05-PLA-00335-L_0	Lake Of Three Fires	Taylor County S12T68NR34W 2 mi NNE of Bedford.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	High
5a	*5a*	N	IA 05-PLA-00380-L_0	Wilson Park Lake	Taylor County S28T70NR32W 3 mi SSE of Lenox.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5b-t	*5b*	N	IA 05-PLA-0040_1	West Branch One Hundred And Two River	mouth (NW 1/4 S10 T68N R35W Taylor Co.) to confluence with Middle Branch One Hundred and Two R. in S6 T69N R34W Taylor Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 1995.	Low
5a	*5a*	N	IA 05-PLA-00430-L_0	Windmill Lake	Taylor County S36T69NR35W 4 mi E of New Market.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low

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5a	*5a*	N	IA 05-PLA-00430-L_0	Windmill Lake	Taylor County S36T69NR35W 4 mi E of New Market.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5b-t	*5b*	N	IA 05-TAR-0020_0	West Tarkio Creek	from the Iowa/Missouri state line to confluence with an unnamed tributary in S9 T69N R38W Page Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 1995 and 2004.	Low
					Western Iowa River Basins					
5a	*5a*	N	IA 06-BOY-0020_1	Boyer River	from confluence with Willow Cr. (S28 T78N R44W Harrison Co.) to the Harrison-Crawford county line.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 06-BOY-00405-L_0	Willow Lake	Harrison County S6T80NR42W 5 mi. NW of Woodbine.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Low
5b	*5b*	N	IA 06-BSR-0010_3	Big Sioux River	from confluence Brule Cr. near Richland SD (S33 T92N R49W Plymouth Co.) to confluence with Indian Cr. in S9 T93N R48W Plymouth Co.	aquatic life	biological: fish kill: unknown toxicity	Fish kill in 2002 caused by unknown toxicity.	IDNR and South Dakota joint investigation of a 2002 fish kill	Low
5b-t	*5b*	N	IA 06-BSR-0021_0	Perry Creek	from mouth (S32 T89N R47W Woodbury Co.) to confluence with unnamed tributary in S35 T91N R47W Plymouth Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low

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5b-t	*5b*	N	IA 06-BSR-0023_0	Broken Kettle Creek	from mouth (S9 T90N R48W Plymouth Co.) to confluence with an unnamed tributary in S19 T92N R47W Plymouth Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002.	Low
5p	*5p*	N	IA 06-BSR-0027_0	Indian Creek	mo to trib S33T94NR47W Sioux Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low
5a	*5a*	N	IA 06-BSR-00280-L_0	Lake Pahoja	Lyon County S23T99NR48W 5 mi SSW of Larchwood.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High
5a	*5a*	N	IA 06-BSR-00280-L_0	Lake Pahoja	Lyon County S23T99NR48W 5 mi SSW of Larchwood.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-county voluntary beach monitoring program from 2006-08.	High
5b-t	*5b*	N	IA 06-BSR-0029_0	Sixmile Creek	mouth (S28T94N R48W Sioux Co.) to confluence with unnamed tributary in S19 T95N R46W Sioux Co.	aquatic life	biological	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2000;	Low
5p	*5p*	N	IA 06-BSR-0029_0	Sixmile Creek	mouth (S28T94N R48W Sioux Co.) to confluence with unnamed tributary in S19 T95N R46W Sioux Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5b*	N	IA 06-BSR-0030_0	Rock River	mouth (S1 T95N R48W Sioux Co.) to confluence with Little Rock R. in S35 T98N R46W Lyon Co.	aquatic life	biological: fish kill: ammonia/low DO	Fish kill in 2002; caused by animal waste; no source identified.	IDNR fish kill investigation	Low
5a	*5a*	N	IA 06-BSR-0030_0	Rock River	mouth (S1 T95N R48W Sioux Co.) to confluence with Little Rock R. in S35 T98N R46W Lyon Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5b	*5b*	N	IA 06-BSR-0035_0	Dry Creek	mouth (T94N R48W Sec4 Sioux Co.) to headwaters (T97N R45W Sec32) Sioux Co.	aquatic life	biological: fish kill: low DO	Fish kill in September 2003; cause unknown, possibly low DO.	IDNR fish kill investigation	Medium
5b-t	*5b*	N	IA 06-BSR-0035_0	Dry Creek	mouth (T94N R48W Sec4 Sioux Co.) to headwaters (T97N R45W Sec32) Sioux Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004, 2005, and 2006: no fish found.	Low
5a	*5a*	N	IA 06-BSR-0040_1	Rock River	from confluence with Little Rock R. (S35 T98N R46W Lyon Co.) to confluence with Kanaranzi Cr. in S28 T100N R45W Lyon Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low
5a	*5a*	N	IA 06-BSR-0040_2	Rock River	from confluence with Kanaranzi Cr. (S28, T100N, R45W, Lyon Co.) to the IA/MN state line	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-04.	Low

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5a	*5a*	N	IA 06-BSR-0060_1	Little Rock River	mouth (S35 T98N R46W Lyon Co.) to confluence with Otter Cr. in NW 1/4 S21 T98N R44W Lyon Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low
5p	*5p*	N	IA 06-BSR-0060_3	Little Rock River	from confluence with Argo Slough (S17 T99N R43W Lyon Co.) to the Iowa/Minnesota state line	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low
5b	*5b*	N	IA 06-BSR-0065_0	Unnamed Tributary to Little Rock River	mouth (T98N R44W Sec7 NE) to headwaters (T99N R44W Sec23 SE) Lyon Co	aquatic life	biological: fish kill: ammonia	Fish kill in August 2005; source of elevated ammonia not identified.	IDNR fish kill investigation	Low
5b	*5b*	N	IA 06-BSR-0070_3	Otter Creek	from the Lyon-Osceola county line (E line S36 T98N R43W Lyon Co.) to confluence with unnamed tributary in S14 T99N R42W Osceola Co.	aquatic life	biological: fish kill: low DO	Fish kill in June 2004; cause/source of low DO not identified.	IDNR fish kill investigation	Low
5b	*5b*	N	IA 06-BSR-0072_0	Otter Creek	from confluence with unnamed tributary (S14 T99NR42 W Osceola Co.) to the Iowa/Minnesota state line	aquatic life	biological: fish kill: ammonia	Fish kills in August 2001 and July 2006, both related to animal waste from unknown source.	IDNR fish kill investigation	Low
5b-v	*5b*	N	IA 06-BSR-0080_0	Mud Creek	mouth (S26 T98N R46W Lyon Co.) to the IA-MN state line	aquatic life	biological: fish kill, low DO	Fish kill in September 2003 related runoff event; cause/source of low DO not identified.	IDNR fish kill investigation	Low

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5b-v	*5b*	N	IA 06-BSR-0080_0	Mud Creek	mouth (S26 T98N R46W Lyon Co.) to the IA-MN state line	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004 and 2005.	Low
5p	*5p*	N	IA 06-BSR-0080_0	Mud Creek	mouth (S26 T98N R46W Lyon Co.) to the IA-MN state line	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-04.	Low
5b	*3a*	Y	IA 06-BSR-0081_0	Unnamed Tributary to Mud Creek	from mouth (T100N R47W Sec24) to headwaters (T100N R46W Sec16 SE)	aquatic life	biological: fish kill, ammonia	Fish kill in August 2009 due to manure spill.	IDNR fish kill investigation	Low
5a	*5a*	N	IA 06-FLO-0010_0	Floyd River	mouth to West Branch Floyd R. in S2 T91N R46W Plymouth Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5b-t	*5b*	N	IA 06-FLO-0020_1	Floyd River	from confluence with West Branch Floyd R. (S2 T91N R46W Plymouth Co.) to city of Alton at north line S11 T94N R44W Sioux Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low
5b	*5b*	N	IA 06-FLO-0020_2	Floyd River	from city of Alton (north line S11 T94N R44W Sioux Co.) to confluence with North Fork Floyd R. in S9 T97N R41W O'Brien Co.	aquatic life	biological: fish kills attributed to ammonia and organic enrichment/low DO	Five fish kills since 1997; two in 2002; one in 2003.	IDNR fish kill investigations.	Low

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5b-t	*5b*	N	IA 06-FLO-0020_2	Floyd River	from city of Alton (north line S11 T94N R44W Sioux Co.) to confluence with North Fork Floyd R. in S9 T97N R41W O'Brien Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 1999, 2003 and 2006.	Low
5b	*3a*	Y	IA 06-FLO-0021_0	Floyd River	from confluence (T97N R41W Sec9) to headwaters (T97N R40W Sec7)	aquatic life	biological: fish kill	fish kill in August 2008; cause unknown, possibly pesticides from aerial applications	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 06-FLO-0040_0	West Branch Floyd River	from confluence with Orange City Slough (S28 T94N R45W Sioux Co.) to confluence with unnamed tributary in NE 1/4 S18 T96N R44W Sioux Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2001.	Low
5b	*5b*	N	IA 06-FLO-0065_0	Willow Creek	from tributary in NE 1/4 S11 T93N R44W Plymouth Co. to headwaters.	aquatic life	biological: fish kill: ammonia/low DO	Fish kill in September 2003; caused by animal waste.	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 06-FLO-0070_0	Deep Creek	mo to trib S35T94NR43W Sioux Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2006.	Low

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5a	*5a*	N	IA 06-LSR-0020_1	Little Sioux River	from confluence with Maple R. (S17 T83N R44W Monona Co.) to confluence with Big Cr. in Anthon in S4 T87N R43W Woodbury Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 06-LSR-00250-L_0	Little Sioux Park Lake	Woodbury County S12T89NR42W 2 mi SSW of Correctionville.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 06-LSR-00250-L_0	Little Sioux Park Lake	Woodbury County S12T89NR42W 2 mi SSW of Correctionville.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 06-LSR-0030_1	Little Sioux River	from Highway 3 (S26, T92N, R40W, Cherokee Co.) to confluence with Waterman Cr. in S26, T94N, R39W, O'Brien Co.	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 06-LSR-0030_4	Little Sioux River	from confluence with Willow Cr. (S17 T94N R36W Clay Co.) to east corporate limit of Spencer at west line of S17 T96N R36W Clay Co.	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 06-LSR-0040_1	Little Sioux River	from confluence with Ocheyedan R. at Spencer (S13 T96N R37W Clay Co.) to confluence with Milford Cr. in NW 1/4 S14 T98N R37W Dickinson Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 06-LSR-0040_2	Little Sioux River	from confluence with Milford Cr. (NW 1/4 S14 T98N R37W Dickinson Co.) to confluence with West Fork Little Sioux R. in S36 T100N R38W Dickinson Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b-t	*5b*	N	IA 06-LSR-0040_3	Little Sioux River	from confluence with West Fork Little Sioux R. (S36 T100N R38W Dickinson Co.) to the Iowa/Minnesota state line	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2003.	Low
5a	*5a*	N	IA 06-LSR-0070_1	Maple River	mouth (S17 T83N R44W Monona Co.) to confluence with unnamed tributary approximately 1 mile east of Danbury in SW 1/4 NE 1/4 S26 T86N R42W Woodbury Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5a	*5a*	N	IA 06-LSR-00790-L_0	Crawford Creek Impoundment	Ida County S10T86NR41W 2.5 mi. S of Battle Creek.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 06-LSR-00805-L_0	Moorehead Park Pond	Ida County S10T87NR39W 0.5 mi N of Ida Grove.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5b	*5b*	N	IA 06-LSR-0101_0	Odebolt Creek	From Unnamed Tributary in T87N R39W S24 to headwaters in Sac County.	aquatic life	biological: fish kill: ammonia	Fish kill in August 2006 caused by runoff of animal waste.	IDNR fish kill investigation	Low
5p	*5p*	N	IA 06-LSR-0120_1	West Fork Little Sioux River	mouth (S12 T84N R45W Monona Co.) to confluence with a small unnamed tributary near Climbing Hill in S16 T87N R45W Woodbury Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low

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5b-t	*5b*	N	IA 06-LSR-0120_2	West Fork Little Sioux River	from confluence with small unnamed tributary near Climbing Hill (S16 T87N R45W Woodbury Co.) to confluence with Mud Cr. in S31 T89N R44W Woodbury Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	Low
5b	*5b*	N	IA 06-LSR-0131_0	West Fork Little Sioux River	confluence with unnamed tributary in S3 T91N R42W Cherokee Co. to headwaters	aquatic life	biological: fish kill: cause unknown	fish kill in 2004, potentially pollutant (animal waste) related	IDNR fish kill investigation	Low
5b-t	*5b*	N	IA 06-LSR-0143_0	Johns Creek	mouth (S24 T90N R44W Plymouth Co.) to confluence with Rathburn Cr. in S26 T91N R44W Plymouth Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	High
5p	*3b*	Y	IA 06-LSR-01495_0	Ashton Creek	from tributary(T89N R41W Sec3) to headwaters (T88N R41W Sec2) Ida Co.	aquatic life	Low DO	Continuous DO monitoring shows violations of WQ criteria.	IDNR/UHL REMAP sampling in 2006.	Low
5b-t	*5b*	N	IA 06-LSR-0150_0	Willow Creek	mouth (S30 T90N R41W Cherokee Co.) to confluence with unnamed tributary in N 1/2 S31 T91N R41W Cherokee Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	High

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b-t	*5b*	N	IA 06-LSR-0170_0	Mill Creek	mouth (S14 T92N R40W Cherokee Co.) to confluence with Whisky Cr. at east line S29 T94N R41W O'Brien Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological monitoring in 1998, 2002 (REMAP) and 2005 (biocriteria).	Low
5b	*5b*	N	IA 06-LSR-0223_0	Willow Creek	mouth (S17 T94N R36W Clay Co.) to confluence with unnamed tributary in NW 1/4 S31 T95N R37W Clay Co.	aquatic life	biological; fish kill	Pollutant (animal waste)-caused fish kills in September 2001, September 2002, and August 2006.	IDNR fish kill investigations.	Low
5b-v	*5b*	N	IA 06-LSR-0223_0	Willow Creek	mouth (S17 T94N R36W Clay Co.) to confluence with unnamed tributary in NW 1/4 S31 T95N R37W Clay Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological monitoring in 1999 and 2002.	Low
5b	*5b*	N	IA 06-LSR-0224_0	Willow Creek	from confluence with unnamed tributary in S31 T95N R37W Clay Co. to headwaters (T96N R39W Sec 15 O'Brien Co.)	aquatic life	biological: fish kill: ammonia/low DO	Fish kills in September 2001, September 2002, and August 2006: all caused by animal waste.	IDNR fish kill investigations.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*2a*	Y	IA 06-LSR-02330-L_0	Virgin Lake	Palo Alto County S30T96NR34W 2 mi S of Ruthven.	aquatic life	algae	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*2a*	Y	IA 06-LSR-02330-L_0	Virgin Lake	Palo Alto County S30T96NR34W 2 mi S of Ruthven.	aquatic life	turbidity	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*2a*	Y	IA 06-LSR-02420-L_0	Dan Greene Slough	Clay County S20T97NR35W 5 mi N of Dickens.	aquatic life	algae	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5a	*2a*	Y	IA 06-LSR-02420-L_0	Dan Greene Slough	Clay County S20T97NR35W 5 mi N of Dickens.	aquatic life	turbidity	Poor water transparency inhibits growth of desirable aquatic vegetation.	IDNR shallow lakes & wetland monitoring program, 2006-2008.	Low
5p	*5p*	N	IA 06-LSR-0250_0	Ocheyedan River	mouth (S13 T96N R37W Clay Co.) to confluence with Little Ocheyedan R. in S28 T98N R39W Osceola Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low
5b-t	*5b*	N	IA 06-LSR-0270_0	Stony Creek	mo to trib S27T98NR38W Dickinson Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	Low

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5a	*5a*	N	IA 06-LSR-02840-L_2	West Okoboji Lake	southwestern bay of West Okoboji Lake in Sections 25 26 35 36 T99N R37W Dickinson Co.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Low
5a	*5a*	N	IA 06-LSR-02850-L_0	Big Spirit Lake	Dickinson County S33T100NR36W at Spirit Lake	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2006-2008	Low
5a	*5a*	N	IA 06-LSR-02890-L_0	Center Lake	Dickinson County S7T99NR36W 2 mi WSW of Spirit Lake.	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 06-LSR-02890-L_0	Center Lake	Dickinson County S7T99NR36W 2 mi WSW of Spirit Lake.	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5b-t	*5b*	N	IA 06-LSR-0305_0	Milford Creek	from confluence with unnamed tributary (S18 T98N R36W Dickinson Co.) to outlet structure of Lower Gar Lake in NW 1/4 S5 T98N R36W Dickinson Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2001.	Low
5p	*5p*	N	IA 06-SOL-0010_1	Soldier River	mouth (S17 T80N R45W Harrison Co.) to confluence with Jordan Cr. in S16 T82N R43W Monona Co.	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR/UHL ambient monthly monitoring, 2006-08.	Low

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5b-t	*5b*	N	IA 06-WED-0003_2	Plum Creek	Thurman to trib S29T70NR42W Fremont	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	Low
5b-t	*5b*	N	IA 06-WED-0010_1	Keg Creek	mouth (S6 T71N R43W Mills Co.) to confluence with Little Keg Cr. in S27 T75N R42W Pottawattamie Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2001.	Low
5b-t	*5b*	N	IA 06-WED-0010_2	Keg Creek	from confluence with Little Keg Cr. (S27 T75N R42W Pottawattamie Co.) to confluence with unnamed tributary in S35 T78N R41W Harrison Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	Biological monitoring by IDNR/UHL (REMAP) in 2002 and by IDNR Fisheries in 2002.	Low
5b-t	*5b*	N	IA 06-WED-0020_1	Mosquito Creek	mouth (S30 T74N R43W Pottawattamie Co.) to the drinking water intake for Lake Manawa in center S7 T74N R43W Pottawattamie Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2000.	Low

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	*5b*	N	IA 06-WED-0020_2	Mosquito Creek	from drinking water intake for Lake Manawa (center S7 T74N R43W Pottawattamie Co.) to confluence with Little Mosquito Cr. in S29 T75N R43W Pottawattamie Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2000.	Low
5b-t	*5b*	N	IA 06-WED-0020_3	Mosquito Creek	from confluence with Little Mosquito Cr. S29 T75N R43W Pottawattamie Co.) to confluence with Spring Cr. in S9 T78N R41W Harrison Co.	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2000 and 2004.	Low
5b	*5a*	N	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County S29T77NR41W 1.5 mi SE of Neola	aquatic life	biological: fish kills attributed to organic enrichment/low DO	Fish kill in July 2005.	IDNR fish kill investigations.	Medium
5a	*5a*	N	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County S29T77NR41W 1.5 mi SE of Neola	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 06-WEM-0020_2	Missouri River	from water supply intake at Council Bluffs (River Mile 619 in SE 1/4 S22 T75N R44W Pottawattamie Co.) to confluence with Boyer R. in Pottawattamie Co.	drinking water	arsenic	multiple violations of human health criteria	USGS NASQAN ambient WQ monitoring, 2006-08	Low
5a	*5a*	N	IA 06-WEM-00235-L_0	Lake Manawa	Pottawattamie County S13T74NR44W S edge Council Bluffs	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium

2010 IR Cat	*2008 IR Cat.*	New listing?	ADB Code	Waterbody Name	Location Description	Des. Use Impaired	Cause of 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	*5a*	N	IA 06-WEM-00235-L_0	Lake Manawa	Pottawattamie County S13T74NR44W S edge Council Bluffs	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Medium
5a	*5a*	N	IA 06-WEM-00265-L_0	Carter Lake	Pottawattamie County S23T75NR44W at Carter Lake.	aquatic life	low DO	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 06-WEM-00265-L_0	Carter Lake	Pottawattamie County S23T75NR44W at Carter Lake.	human health (fish con-sumption)	PCBs (in fish)	Issuance of a fish consumption advisory by Nebraska DEQ.	Nebraska DEQ	Low
5a	*5a*	N	IA 06-WEM-00340-L_0	Desoto Bend	Harrison County S21T78NR45W 5 mi. W of Missouri Valley.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*5a*	N	IA 06-WEM-00340-L_0	Desoto Bend	Harrison County S21T78NR45W 5 mi. W of Missouri Valley.	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	Low
5a	*2b*	Y	IA 06-WEM-00485-L_0	Browns Lake	Woodbury County S32T87NR47W 2 mi W of Salix.	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-county voluntary beach monitoring program from 2006-08.	Low

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5a	*5a*	N	IA 06-WEM-00485-L_0	Browns Lake	Woodbury County S32T87NR47W 2 mi W of Salix.	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2004-07; UHL lakes survey, 2005-08.	High

5a:	**308**
5b:	**95**
5b-t:	**103**
5b-v:	**10**
5p:	**112**
Total:	**628**

Total number of impaired waterbodies:	**474**
Total number of impairments:	**628**
Number of new impairments:	**113**