

August 24, 2010**Final EPA-approved Category 5 [Section 303(d) list] of Iowa's Final 2008 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 2008 final/approved Section 303(d) list contains 435 waterbodies with a total of 586 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 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.

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
Impaired waters in river basins of northeast Iowa: Upper Iowa, Yellow, Turkey, Volga, Maquoketa, Wapsipicon										
5a	5a	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.	N	aquatic life	algae	impacts to backwater of Upper Mississippi River	LTRMP ambient monitoring, 2002-06	Low
5a	5a	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.	N	aquatic life	turbidity	impacts to backwater of Upper Mississippi River	LTRMP ambient monitoring, 2002-06	Low
5a	4a	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).	Y	aquatic life	low DO	> 10% of samples violate WQ criteria	Ambient monitoring by LTRMP (2004-06) and Law Engineering (2004-06).	Low
5b	5b	IA 01-MAQ-0030 1	Elk River	mouth (Clinton Co.) to North Branch Elk River (S10, T83N, R6E, Clinton Co.)	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring, 1999	Low

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5b	5b	IA 01-MAQ-0060_1	Maquoketa River	from N. Fk. Maquoketa R. to confluence with Farm Cr. in S10, T85N, R1W, Jones Co.	N	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	5b	IA 01-MAQ-0060_2	Maquoketa River	from Farm Cr. (Jones Co) to confluence with Plum Cr. in S11 T87N R4W Delaware Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring upstream and downstream from Monticello in 2005	Low
5b	5b	IA 01-MAQ-0060_2	Maquoketa River	from Farm Cr. (Jones Co) to confluence with Plum Cr. in S11 T87N R4W Delaware Co.	N	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	5b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL monitoring at Manchester, 2005	Low

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5b	5b	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.	N	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	IA 01-MAQ-00680-L_0	Silver Lake	Delaware County, S16,T88N,R4W, SE edge of Delhi.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 70.	ISU statewide lakes survey, 2002-06	High
5a	5a	IA 01-MAQ-00680-L_0	Silver Lake	Delaware County, S16,T88N,R4W, SE edge of Delhi.	Y	aquatic life	low DO	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06	High
5a	5a	IA 01-MAQ-00680-L_0	Silver Lake	Delaware County, S16,T88N,R4W, SE edge of Delhi.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06	High
5a	5a	IA 01-MAQ-00680-L_0	Silver Lake	Delaware County, S16,T88N,R4W, SE edge of Delhi.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06	High
5a	5a	IA 01-MAQ-0090-L_0	Backbone Lake	Backbone Lake Dam to S Fk Maquoketa R. (S16, T90N, R6W, Delaware Co.)	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Medium
5a	2a	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County, S1,T84N,R3W, 6 mi E of Anamosa.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06; UHL lakes survey, 2005-06.	Low

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5a	2a	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County, S1,T84N,R3W, 6 mi E of Anamosa.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-county voluntary beach monitoring program from 2004-06.	Low
5a	2a	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County, S1,T84N,R3W, 6 mi E of Anamosa.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06; UHL lakes survey, 2005-06.	Low
5a	2a	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County, S1,T84N,R3W, 6 mi E of Anamosa.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06; UHL lakes survey, 2005-06.	Low
5b	5b	IA 01-MAQ-0200_0	Silver Creek	mouth (S8, T86N, R3W, Jones Co.) to unnamed tributary in S10, T86N, R4W, Jones Co.	N	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	IA 01-MAQ-0210_0	Buck Creek	mouth (S11, T87N, R4W, Delaware Co.) to Golden Branch in S11, T87N, R5W, Delaware Co.	N	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	IA 01-MAQ-0220_1	Plum Creek	mouth (Delaware Co.) to confluence with unnamed tributary in E 1/2, S24, T89N, R4W, Delaware Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL 2003 biological (biocriteria) data	Low
5b	5b	IA 01-MAQ-0220_1	Plum Creek	mouth (Delaware Co.) to confluence with unnamed tributary in E 1/2, S24, T89N, R4W, Delaware Co.	N	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	IA 01-MAQ-0220_1	Plum Creek	mouth (Delaware Co.) to confluence with unnamed tributary in E 1/2, S24, T89N, R4W, Delaware Co.	Y	aquatic life	biological: fish kill	fish kill	IDNR fish kill investigation, 2007	Low

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5a	5a	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)	N	aquatic life	aluminum	multiple violations of chronic criteria	Illinois EPA ambient monitoring from 2003-06.	Low
5a	5a	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)	N	drinking water	arsenic	multiple violations of human health criteria	Illinois EPA ambient monitoring from 2003-06.	Low
5a	5a	IA 01-NEM-0010_4	Mississippi River	from Wapsipinicon R. (Scott / Clinton Co. line) to Lock & Dam 13 at Clinton (Clinton Co.)	N	aquatic life	aluminum	multiple violations of chronic criteria	Illinois EPA ambient monitoring from 2003-06.	Low
5a	5a	IA 01-NEM-0010_4	Mississippi River	from Wapsipinicon R. (Scott / Clinton Co. line) to Lock & Dam 13 at Clinton (Clinton Co.)	N	general uses	nutrients	aesthetically objectionable conditions and nuisance aquatic life.	ADM slime studies, 2001-06.	Low
5a	2a	IA 01-NEM-00160-L_0	Lake Of The Hills	Scott County, S25,T78N,R2E, 1/4 mi W of Davenport	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-county voluntary beach monitoring program in 2004-06.	Low
5a	2a	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.).	Y	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR)	Low
5a	2a	IA 01-NEM-0020_2	Mississippi River	from south edge of Dubuque (Dubuque Co.) to Lock & Dam 11 at north edge of Dubuque (Dubuque Co.).	Y	human health (fish consumption)	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	IA 01-NEM-0060_1	Duck Creek	mouth (S27, T78N, R4E, Scott Co.) to County Road (Sec 16-21, T78N R3E Scott Co.).	N	primary contact recreation	bacteria	geometric mean > WQ criterion	Volunteer samples analyzed by Davenport WPC and by UHL.	Low
5p	3a	IA 01-NEM-0060_2	Duck Creek	County Road (Sec 16-21, T78N R3E Scott Co) to unnamed trib (SE Sec14 T78N R2E Scott Co.)	Y	primary contact recreation (presumptive)	bacteria	geometric mean > WQ criterion	Volunteer samples analyzed by Davenport WPC and by UHL.	Low
5b	3a	IA 01-NEM-0081_0	Conduit Creek	mouth (T78N R05E Sec8) to headwaters (T79N R05E Sec30) Scott Co.	Y	aquatic life	biological: fish kill	fish kill in August 2006.	IDNR fish kill investigation, 2006.	Low
5a	2a	IA 01-NMQ-0010_1	North Fork Maquoketa River	mouth (Jackson Co.) to confluence with Lytle Cr. S8, T85N, R2E, Jackson Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2004-06.	Low
5b	5b	IA 01-NMQ-0010_2	North Fork Maquoketa River	from confluence with Lytle Cr. (S8, T85N, R2E, Jackson Co.) to confluence with Whitewater Cr. in S10, T86N, R1W, Jones Co.	N	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	3a	IA 01-NMQ-0020_1	North Fork Maquoketa River	confluence with Bear Cr (S31, T89N,R2W, Dubuque Co.) to confluence with unnamed tributary in S18, T90N, R1W, Dubuque Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1999.	High
5b	5b	IA 01-NMQ-0100_1	Whitewater Creek	mouth (S10, T86N, R1W, Jones Co.) to confluence with Curran Branch in S12, T87N, R1W, Dubuque Co.	N	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	IA 01-NMQ-0110_0	Johns Creek	mouth (S26, T87N, R1W, Dubuque Co.) to confluence with Bakers Cr. in S36, T88N, R2W, Dubuque Co.	N	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	IA 01-NMQ-0111_0	Johns Creek	Confluence with Bakers Creek (T88N R2W Sec36 SE) to headwaters (T88N R2W Sec11) Dubuque Co	N	aquatic life	biological: fish kill	fish kill in 2005	IDNR fish kill investigation	Low
5b	5b	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.	N	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	IA 01-NMQ-0141_0	Bear Creek	confluence with unnamed tributary (T89N R3W Sec2 NW) to headwaters (T90N R4W Sec26), Delaware Co.	N	aquatic life	biological: fish kill: ammonia	fish kills in 2004 and 2005; both caused by animal waste	IDNR fish kill investigations	Low
5b	5b	IA 01-NMQ-0160_0	Hickory Creek	mouth (S21, T89N, R2W, Dubuque Co.) to confluence with unnamed tributary in S14, T89N, R2W, Dubuque Co	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling, 1999	High
5b	5b	IA 01-TRK-0010_1	Pleasant Creek	mouth (S33, T86N, R5E, Jackson Co.) to W line of S11, T85N, R4E, Jackson Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002.	Low
5b	5b	IA 01-TRK-0090_1	Tetes Des Morts Creek	mouth (Dubuque Co.) to confluence with Lux Cr. in S7, T87N, R4E, Jackson Co.	N	aquatic life	biological: fish kill	fish kill in August 2005	IDNR fish kill investigation	High
5b	5b	IA 01-TRK-0090_1	Tetes Des Morts Creek	mouth (Dubuque Co.) to confluence with Lux Cr. in S7, T87N, R4E, Jackson Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling, 2001.	High

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5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004	High
5a	1	IA 01-TRK-0200_0	Turkey River	mouth (Clayton Co.) to confluence with Volga R. in S26, T92N, R4W, Clayton Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2004-06.	Low
5b	3a	IA 01-TRK-0230_3	Little Turkey River	from the Clayton/Delaware county line to south line of S11, T90N, R3W in Delaware Co.	Y	aquatic life	biological: unknown impact on aquatic macro-invertebrates	low biotic index	UHL special project benthic macroinvertebrate sampling data, 2006.	Medium
5b	5b	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.	N	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	5b	IA 01-TRK-02415_0	Unnamed Tributary to Point Hollow Creek	mouth to headwaters (T90N R2W Sec9), Dubuque Co.	N	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in 2004 caused by animal waste.	IDNR fish kill investigation	Low
5b	5b	IA 01-TRK-0260_0	Pecks Creek	mouth (S1, T91N, R3W, Clayton Co.) to south line of S15, T91N, R3W, Clayton Co.	N	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

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5b	5b	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.	N	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in 2005 caused by animal waste.	IDNR fish kill investigation	High
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological monitoring in 2000 (biocriteria) and 2002 (REMAP)	High
5b	5b	IA 01-TRK-0381_0	Silver Creek	mouth (S16, T94N, R5W, Clayton Co.) to confluence with unnamed tributary in S32, T95N, R5W, Clayton Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2006	High
5p	5b	IA 01-TRK-0381_0	Silver Creek	mouth (S16, T94N, R5W, Clayton Co.) to confluence with unnamed tributary in S32, T95N, R5W, Clayton Co.	Y	primary contact recreation	bacteria	geometric mean >>> WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2006 near Monona	Low
5a	3a	IA 01-TRK-03817_0	Unnamed tributary unnamed tributary to Silver Cr	mouth (T95N, R5W, Sec 20) to headwaters (T95N, R5W, Sec 14) in Monona city limits	Y	aquatic life	ammonia	Four of five samples exceed chronic criteria for ammonia.	IDNR/UHL TMDL-related monitoring in 2006 and 2007	Low
5p	3a	IA 01-TRK-0382_0	Silver Creek	confluence with unnamed tributary in S32, T95N, R5W to headwaters(T95N R6W Sec11)	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related monitoring in 2006	Low

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5p	1	IA 01-TRK-0416_0	Nutting Creek	mouth (S19, T95N, R7W, Fayette Co.) to confluence with unnamed tributary in S2, T95N, R8W, Fayette Co.	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related monitoring from June through September 2006	Low
5b	1	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 approximately 2 miles north of Saratoga.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2006	Medium
5b	5b	IA 01-TRK-04515_0	Unnamed Tributary to Bass Creek	mouth (T95N R9W Sec5) to headwaters (T95N R9W Sec8), Fayette Co.	N	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in July 2004 caused by animal waste.	IDNR fish kill investigation	Low
5b	5b	IA 01-UIA-0010_1	Paint Creek	mouth (Allamakee Co.) to confluence with Little Paint Cr. in S32, T97N, R3W, Allamakee Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2000	Low
5a	5a	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.).	N	human health (fish consumption)	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

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5a	5a	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.).	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion; geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring near Dorchester, 2004-06; Upper Iowa River Watershed monitoring at Site 30 near New Albin, 2004-06.	Medium
5a	5a	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.	N	human health (fish consumption)	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	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.	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion; geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring near Dorchester, 2004-06; Upper Iowa River Watershed monitoring at Site 30 near New Albin, 2004-06.	Medium

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5a	3a	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.	Y	human health (fish consumption)	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, and 2006.	Low
5a	5a	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.	N	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	U.S. EPA/IDNR fish tissue (RAFT) monitoring in 2002, 2005, and 2006 near Decorah.	Low
5b	5b	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.	N	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	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.	N	primary contact	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 17 near Freeport, 2004-06.	Medium

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5b	5b	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.	N	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	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.).	N	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	3a	IA 01-UIA-0130_0	Irish Hollow Creek	mouth (S21, T100N, R4W, Allamakee Co.). to north line of S17, T100N, R4W, Allamakee Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005	Low
5p	1	IA 01-UIA-0140_0	French Creek	mouth (S1, T99N, R5W, Allamakee Co.) to east line of S23, T99N, R5W, Allamakee Co.	Y	primary contact	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 29, 2004-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	3a	IA 01-UIA-0150_0	Clear Creek	mouth (S35, T100N, R5W, Allamakee Co.) to north line of S15, T100N, R5W, Allamakee Co.	Y	primary contact	bacteria	geometric mean >> WQ criterion	Upper Iowa River Watershed Project monitoring at Site 28, 2004-06.	Low
5p	3a	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.	Y	primary contact	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 25, 2004-06.	Low
5b	5b	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.	N	aquatic life	biological: fish kill	runoff-related fish kill in 1999; no cause or source identified	IDNR fish kill investigation	High
5p	2a	IA 01-UIA-0180_0	Waterloo Creek	mouth (S35, T100N, R6W, Allamakee Co.) to IA/MN state line (S9, T100N, R6W, Allamakee Co.)	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 26, 2004-06.	Low
5p	2a	IA 01-UIA-0190_0	North Bear Creek	mouth (S25, T100N, R6W, Winneshiek Co.) to IA/MN state line (Winneshiek Co.)	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Upper Iowa River Watershed Project monitoring at Site 24, 2004-06.	Low

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5p	3a	IA 01-UIA-0230_0	Patterson Creek	mouth (S29, T99N, R6W, Allamakee Co.) to east line of S3, T98N, R6W, Allamakee Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 21, 2004-06.	Low
5p	2a	IA 01-UIA-0240_1	Canoe Creek	mouth (S25, T99N, R7W, Winneshiek Co.) to county road W38 (S23, T99N, R8W, Winneshiek Co.).	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 20, 2004-06.	Low
5p	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 19, 2004-06.	Low
5p	3a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 18, 2004-06.	Low
5p	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 16, 2004-06.	Low

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5p	3a	IA 01-UIA-0320_0	Dry Run	mouth (S17, T98N, R8W, Winneshiek Co.) to west line of S36, T98N, R9W, Winneshiek Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 13, 2004-06.	Low
5b	3b	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.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2005.	Medium
5p	3a	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Upper Iowa River Watershed Project monitoring at Site 11, 2004-06.	Low
5p	3a	IA 01-UIA-0370_0	Pine Creek	mouth (S10, T99N, R9W, Winneshiek Co.) to IA/MN state line.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 10, 2004-06.	Low
5b	5b	IA 01-UIA-0380_0	East Pine Creek	mouth (S28, T100N, R9W, Winneshiek Co.) to IA/MN state line	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2003.	High

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5p	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 9, 2004-06.	Low
5p	3a	IA 01-UIA-0403_0	Silver Creek	mouth (S2, T99N, R10W, Winneshiek Co.) to west line of S12, T99N, R11W, Howard Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 8, 2004-06.	Low
5p	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 7, 2004-06.	Low
5p	3a	IA 01-UIA-0420_1	Beaver Creek	mouth (S19, T100N, R12W, Howard Co.) to south line of S29, T100N, R13W, Howard Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Upper Iowa River Watershed Project monitoring at Site 5, 2004-06.	Low
5a	2a	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.	Y	human health (fish consumption)	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	IA 01-VOL-00130-L_0	Frog Hollow (aka Volga Lake)	Fayette County, S3,T93N,R8W, 4 mi. NNE of Fayette.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High

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5a	5a	IA 01-VOL-00130-L_0	Frog Hollow (aka Volga Lake)	Fayette County, S3,T93N,R8W, 4 mi. NNE of Fayette.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 01-VOL-00130-L_0	Frog Hollow (aka Volga Lake)	Fayette County, S3,T93N,R8W, 4 mi. NNE of Fayette.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	2a	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.)	Y	human health (fish consumption)	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
5a	3a	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.	Y	human health (fish consumption)	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	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2004.	Low
5a	4d	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.	Y	human health (fish consumption)	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

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5a	5a	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2004-06.	Low
5a	5a	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.)	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2004-06.	Low
5b	5b	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.	N	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	5b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2004-06.	Low
5a	5b	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR ambient monthly monitoring 2004-06.	Low

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5b	5b	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.	N	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	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.	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR ambient monthly monitoring 2004-06.	Low
5b	5b	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.	N	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	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.	N	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	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2002; results of IDNR fish kill investigation in 2002.	High
5b	5b	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.	N	aquatic life	biological: fish kill	low biotic index; runoff-related fish kill in 2002; no cause or source identified	IDNR/UHL biological (biocriteria) monitoring in 2002; results of IDNR fish kill investigation in 2002.	High
5a	5a	IA 01-WPS-00375-L_0	Lake Hendricks	Howard County, S19,T99N,R14W, 0.5 mi NE of Riceville.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium

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5a	5a	IA 01-WPS-00375-L_0	Lake Hendricks	Howard County, S19,T99N,R14W, 0.5 mi NE of Riceville.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 01-WPS-00375-L_0	Lake Hendricks	Howard County, S19,T99N,R14W, 0.5 mi NE of Riceville.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5b	5b	IA 01-WPS-0050_1	Brophy Creek	mouth (S1, T80N, R4E, Clinton Co.) to confluence with Cherry Cr. in S17, T81N, R5E, Clinton Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2004.	Low
5b	5b	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.	N	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in 1999 caused by animal waste.	IDNR fish kill investigation.	Low
5b	2a	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.	Y	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	2a	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.	Y	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	2a	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.	Y	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	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.	N	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	IA 01-WPS-0130_2	Buffalo Creek	from confluence with unnamed tributary in N 1/2, S27, T88N, R7W (Buchanan Co.) to confluence of the East Branch and West Branch of Buffalo Creek in S35, T90N, R8W, Buchanan Co.	N	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	IA 01-WPS-0270_0	Unnamed Tributary to Buffalo Creek	mouth (T89N R8W Sec24) to headwaters (T89N R7W Sec19) Buchanan Co.	N	aquatic life	biological: fish kill	Runoff-related fish kill in 2005.	IDNR fish kill investigation	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001.	High
5a	5a	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06; IDNR special monitoring, 2004.	Medium
5b	3a	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.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2006.	High

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5a	5a	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.	N	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5b	5a	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.	N	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	5a	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.	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5a	1	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	Y	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	1	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	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low

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5a	2a	IA 01-YEL-0090_0	Dousman Creek	mouth (S33, T96N, R3W, Allamakee Co.) to Allamakee-Clayton county line.	Y	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	2a	IA 01-YEL-0090_0	Dousman Creek	mouth (S33, T96N, R3W, Allamakee Co.) to Allamakee-Clayton county line.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5a	5a	IA 01-YEL-0100_0	Suttle Creek	mouth (S17, T96N, R4W, Allamakee Co.) to Allamakee-Clayton county line.	N	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	5a	IA 01-YEL-0100_0	Suttle Creek	mouth (S17, T96N, R4W, Allamakee Co.) to Allamakee-Clayton county line.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5a	5a	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.	N	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	5a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	2a	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.	Y	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5p	4d	IA 01-YEL-0125_0	Williams Creek	mouth (S9, T96N, R5W, Allamakee Co.) to confluence with unnamed tributary in S17, T96N, R5W, Allamakee Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5a	5a	IA 01-YEL-0130_0	Norfolk Creek	mouth (S6, T96N, R5W, Allamakee Co.) to confluence with Teeple Cr. in S24, T97N, R6W, Allamakee Co.	N	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	5a	IA 01-YEL-0130_0	Norfolk Creek	mouth (S6, T96N, R5W, Allamakee Co.) to confluence with Teeple Cr. in S24, T97N, R6W, Allamakee Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5p	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	5b	IA 01-YEL-0155_0	Unnamed Creek (aka Hecker Cr.)	mouth (S17,T96N,R06W, Allamakee Co.) to headwaters (Allamakee Co.)	N	aquatic life	biological: fish kill	Fish kill in March 2000.	IDNR fish kill investigation.	High
5p	5b	IA 01-YEL-0155_0	Unnamed Creek (aka Hecker Cr.)	mouth (S17,T96N,R06W, Allamakee Co.) to headwaters (Allamakee Co.)	Y	primary contact recreation	bacteria	geometric mean > > WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
5a	1	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.	Y	aquatic life	low DO	> 10% of samples violate WQ criteria	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	High
5p	1	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.	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL monitoring for Yellow River Watershed Project, 2004-06.	Low
Impaired waters in the Iowa-Cedar River Basin:										
5a	5a	IA 02-CED-0020_2	Cedar River	from Rock Run Cr. (S28, T80N,R3W, Cedar Co) to Hwy 30 bridge at Cedar Rapids in S9, T82N, R6W, Linn Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	High

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	5a	IA 02-CED-0020_2	Cedar River	from Rock Run Cr. (S28, T80N,R3W, Cedar Co) to Hwy 30 bridge at Cedar Rapids in S9, T82N, R6W, Linn Co.	N	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	IA 02-CED-0020_3	Cedar River	from Hwy 30 bridge at Cedar Rapids (S9, T82N, R6W, Linn Co) to confluence with Prairie Cr. in the SE 1/4, S34, T83N, R7W, Linn Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	High
5a	3a	IA 02-CED-00210-L_0	Cedar Bend Lake	Linn Co., S35, T83N, R7W; at Cedar Rapids	Y	human health (fish consumption)	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 and 2006.	Low
5a	5a	IA 02-CED-0030_1	Cedar River	from Prairie Cr. (SE 1/4, S34, T83N, R7W, Linn Co.) to confluence with McCloud Run in SW 1/4, S16, T83N, R7W, Linn Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	High
5a	5a	IA 02-CED-0030_2	Cedar River	from confluence with McCloud Run (SW 1/4, S16, T83N, R7W, Linn Co.) to confluence with Bear Cr. in NE 1/4, S21, T84N, R8W, Linn Co. (includes East, West, Seminole, and Northwest well fields for city of Cedar Rapids water supply).	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	High

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5a	2a	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	IA 02-CED-0040_1	Cedar River	from Wolf Cr. (NE 1/4, S29, T87N, R11W, Black Hawk Co.) to bridge crossing in LaPorte City in S19, T87N, R11W, Black Hawk Co.)	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	High
5a	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	2a	IA 02-CED-00460-L_0	Meyer Lake	Black Hawk County, S6,T88N,R12W, at Waterloo.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 02-CED-0050-L_0	Cedar River	from dam of Cedar Falls Impoundment (NW 1/4, S12, T89N, R14W, Black Hawk Co.) to upper end of impoundment (W line, S2, T89N, R14W, Black Hawk Co.)	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Medium
5a	1	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.	Y	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	1	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.)	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	2a	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	2b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	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.)	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	High
5a	5a	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.)	N	human health (fish consumption)	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

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5a	5a	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.)	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-07.	High
5a	5a	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.)	N	human health (fish consumption)	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	5a	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.)	N	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	IA 02-CED-01545_0	Unnamed Tributary West Branch Wapsinoc Creek (aka Hoover Cr.)	from mouth (T79N R04W Sec08, Cedar Co.) to headwaters (T80N R05W Sec25, Johnson Co.)	Y	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

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5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2004 and 2005.	Low
5b	3a	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.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2005 and 2006.	Medium
5b	5b	IA 02-CED-0170_1	Sugar Creek	mouth (S17, T78N, R2W, Muscatine Co.) to confluence with Mud Cr. in S10, T78N, R2W, Muscatine Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1996.	Low
5b	5b	IA 02-CED-0210_1	Indian Creek	mouth (S30, T83N, R6W, Linn Co.) to confluence with Dry Cr. in S1, T83N, R7W, Linn Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2000.	Low
5p	5b	IA 02-CED-0210_1	Indian Creek	mouth (S30, T83N, R6W, Linn Co.) to confluence with Dry Cr. in S1, T83N, R7W, Linn Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Cedar Rapids Intensive Urban Water Quality Study, 2002 and 2005.	Low
5p	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Cedar Rapids Intensive Urban Water Quality Study, 2002 and 2005.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	3a	IA 02-CED-0217_0	Dry Creek	mouth (S1, T83N, R7W, Linn Co.) to confluence with unnamed tributary in S15, T84N, R7W, Linn Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Cedar Rapids Intensive Urban Water Quality Study, 2005.	Low
5b	5b	IA 02-CED-0218_0	McCloud Run	mouth (SW 1/4, S16, T83N, R7W, Linn Co.) to headwaters in SW 1/4, S5, T83N, R7W, Linn Co.	N	aquatic life	biological: fish kill	Fish kills in 2004 and 2005 caused by unknown toxicity.	IDNR fish kill investigation	Low
5b	4d	IA 02-CED-0220_2	Prairie Creek	from confluence with Mud Cr. (S21, T82N, R9W, Benton Co.) to confluence with unnamed tributary in S13, T83N, R12W, Benton Co.	Y	aquatic life	biological: fish kill	Two fish kills in 2006, both caused by animal waste.	IDNR fish kill investigation	Low
5a	5a	IA 02-CED-02250-L_0	Cedar Lake	Linn County, S21,T83N,R7W, in Cedar Rapids.	N	human health (fish consumption)	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 and 2006.	Low
5b	5b	IA 02-CED-0234_0	East Branch Blue Creek	confluence with Blue Creek (T85N R8W Sec7) to headwaters (T87N 8W Section 33)	N	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

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5b	5b	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.	N	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	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	IA 02-CED-03060-L_0	Casey Lake (aka Hickory Hills Lake)	Tama County, S13,T86N,R13W, 6 mi N of Dysart.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 02-CED-03060-L_0	Casey Lake (aka Hickory Hills Lake)	Tama County, S13,T86N,R13W, 6 mi N of Dysart.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 02-CED-03060-L_0	Casey Lake (aka Hickory Hills Lake)	Tama County, S13,T86N,R13W, 6 mi N of Dysart.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High

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5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2002 and 2004.	Low
5p	5b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring in 2001 and 2005	Low
5p	3a	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.	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related monitoring at three stations in 2005.	Low
5p	3a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring in 2005.	Low
5p	3a	IA 02-CED-0385_0	Holland Creek	mouth (S35, T88N, R17W, Grundy Co.) to confluence with unnamed tributary in S29, T88N, R17W, Grundy Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring in 2005.	Low
5b	5b	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	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2005.	High

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5a	5b	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	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Dry Run Creek Watershed Project monitoring at four stations, 2005-06.	Low
5p	3a*	IA 02-CED-0391_0	Dry Run (South Branch)	mouth (T89N R14W Sec13) to headwaters (T88N R14W Sec9)	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Dry Run Creek Watershed Project monitoring at three stations, 2005-06.	Low
5p	3a*	IA 02-CED-0392_0	Dry Run (North Branch)	mouth (T89N R14W Sec13) to headwaters (T89N R14W Sec9)	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Dry Run Creek Watershed Project monitoring at one station, 2005-06.	Low
5p	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	3a	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.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5a	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring from 2002-2004.	Low

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5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001.	High
5a	5a	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.	N	aquatic life	biological: fish kill	Fish kills in 2001 caused by chlorine.	IDNR fish kill investigation	Low
5p	3a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-07.	Low
5p	3a	IA 02-CED-0520_0	Spring Creek	mouth (S13, T97N, R17W, Mitchell Co.) to N line S8, T97N, R16W, Mitchell Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-07.	Low
5p	3a	IA 02-CED-0530_0	Turtle Creek	mouth (S23, T99N, R18W, Mitchell Co.) to E line S7, T99N, R17W, Mitchell Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-07.	Low

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5p	1	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.)	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-07.	Low
5p	3a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL/Mitchell CCB ambient monitoring for Cedar River/Mitchell Co. project, 2006-07.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2003.	Low
5a	5a	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.).	N	primary contact recreation	bacteria	listing in 2008 by adjacent state	Illinois EPA	Low
5a	5a	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.)	N	aquatic life	aluminum	violations of chronic WQ criterion	Illinois EPA ambient WQ monitoring, 2003-06.	Low
5a	5a	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.)	N	drinking water	arsenic	violations of human health criterion (0.18 ug/l)	Illinois EPA ambient WQ monitoring, 2003-06.	Low

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5a	5a	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.)	N	primary contact recreation	bacteria	listing in 2008 by adjacent state	Illinois EPA	Low
5a	2b	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	5b	IA 02-IOW-0020_1	Iowa River	from confluence with Cedar R. to Johnson-Washington Co. line	N	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	5b	IA 02-IOW-0020_1	Iowa River	from confluence with Cedar R. to Johnson-Washington Co. line	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

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5b	5b	IA 02-IOW-0020_2	Iowa River	Johnson/Washington county line to English R.	N	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	IA 02-IOW-0030_1	Iowa River	from confluence with English R. (Washington Co.) to Burlington Street Dam in Iowa City (Johnson Co.)	N	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	5a	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County, S29,T81N,R6W, 4 mi. W of Solon.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-UHL beach monitoring program, 2004-06	High
5a	5a	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County, S29,T81N,R6W, 4 mi. W of Solon.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

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5a	5a	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County, S29,T81N,R6W, 4 mi. W of Solon.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 02-IOW-0040-L_0	Coralville Reservoir	Johnson County, S22,T80N,R6W (dam), 3 mi N of Iowa City.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	Coralville Reservoir Water Quality Study, 2004-06	Low
5a	5a	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	2a	IA 02-IOW-00660-L_0	Green Castle Lake	Marshall County, S8,T82N,R17W, 1 mi. S of Ferguson.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

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5a	2a	IA 02-IOW-00660-L_0	Green Castle Lake	Marshall County, S8,T82N,R17W, 1 mi. S of Ferguson.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	3a	IA 02-IOW-0086_0	Otter Creek	from confluence with unnamed tributary(T73N R3W Sec4 Louisa Co.) to headwaters (T73N R4W Sec16 Louisa Co.)	Y	aquatic life	biological: fish kill	Fish kills in 2007 caused by animal waste.	IDNR fish kill investigation	Low
5b	5b	IA 02-IOW-0093_0	Honey Creek	mouth (S1, T75N, R5W, Louisa Co.) to road crossing in S25, T76N, R5W, Louisa Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2004.	Low
5a	3b	IA 02-IOW-0100_1	English River	mouth (S12, T77N, R6W, Washington Co.) to confluence with Ramsey Cr. in S14, T77N, R8W, Washington Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

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5a	5a	IA 02-IOW-01150-L_0	Iowa Lake	Iowa County, S19,T79N,R11W, 4 mi. NNW of Millersburg.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 02-IOW-01150-L_0	Iowa Lake	Iowa County, S19,T79N,R11W, 4 mi. NNW of Millersburg.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2004.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2000.	Low
5p	5b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	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.	N	general use	priority organics	coal tar site; studies suggest influence on surface water	Coal tar studies in 1995, 1998, and 2001.	Low

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5a	5a	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.	N	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	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.	N	aquatic life	priority organics	coal tar site; studies suggest influence on surface water	Coal tar studies in 1995, 1998, and 2001.	Low
5a	5a	IA 02-IOW-0161_0	Clear Creek	from confluence with tributary in Sec. 22, T80N, R9W (Iowa Co.) to headwaters in S28, T80N, R10W, (Iowa Co.)	N	general use	sewage (organic enrichment/Low DO)	aesthetically objectionable conditions	IDNR/IOWATER snapshot monitoring, September 2003	High
5a	5a	IA 02-IOW-0161_0	Clear Creek	from confluence with tributary in Sec. 22, T80N, R9W (Iowa Co.) to headwaters in S28, T80N, R10W, (Iowa Co.)	N	primary contact recreation	sewage (organic enrichment/Low DO)	aesthetically objectionable conditions	IDNR/IOWATER snapshot monitoring, September 2003	High
5a	5a	IA 02-IOW-0161_0	Clear Creek	from confluence with tributary in Sec. 22, T80N, R9W (Iowa Co.) to headwaters in S28, T80N, R10W, (Iowa Co.)	N	aquatic life	sewage (organic enrichment/Low DO)	aesthetically objectionable conditions	IDNR/IOWATER snapshot monitoring, September 2003	High
5a	5a	IA 02-IOW-01615_0	unnamed tributary to Clear Creek	from mouth (NW 1/4, S26, T80N, R10W, Iowa Co.) to headwaters in S21, T80N, R10W, Iowa Co.	N	general use	sewage (organic enrichment/Low DO)	aesthetically objectionable conditions	IDNR/IOWATER snapshot monitoring, September 2003	Low
5a	5a	IA 02-IOW-01615_0	unnamed tributary to Clear Creek	from mouth (NW 1/4, S26, T80N, R10W, Iowa Co.) to headwaters in S21, T80N, R10W, Iowa Co.	N	primary contact recreation	sewage (organic enrichment/Low DO)	aesthetically objectionable conditions	IDNR/IOWATER snapshot monitoring, September 2003	Low

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5a	5a	IA 02-IOW-01615_0	unnamed tributary to Clear Creek	from mouth (NW 1/4, S26, T80N, R10W, Iowa Co.) to headwaters in S21, T80N, R10W, Iowa Co.	N	aquatic life	sewage (organic enrichment/Low DO)	aesthetically objectionable conditions	IDNR/IOWATER snapshot monitoring, September 2003	Low
5a	5a	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.	N	general use	sewage sludge; ammonia	violations of narrative criteria	IDNR monitoring in 2005 and 2006	High
5a	5a	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.	N	primary contact recreation	sewage sludge; ammonia	violations of narrative criteria	IDNR monitoring in 2005 and 2006	High
5a	5a	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.	N	aquatic life	sewage sludge; ammonia	violations of narrative criteria	IDNR monitoring in 2005 and 2006	High
5a	2a	IA 02-IOW-01630-L_0	Kent Park Lake	Johnson County, S24,T80N,R8W, 2.5 mi. W of Tiffin.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	> 10% of samples violate WQ criteria	Medium
5a	2a	IA 02-IOW-01630-L_0	Kent Park Lake	Johnson County, S24,T80N,R8W, 2.5 mi. W of Tiffin.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	> 10% of samples violate WQ criteria	Medium
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2002.	Low

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5a	2a	IA 02-IOW-01810-L_0	Hannen Lake	Benton County, S34,T82N,R11W, 4 mi SW of Blairstown.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	2a	IA 02-IOW-01810-L_0	Hannen Lake	Benton County, S34,T82N,R11W, 4 mi SW of Blairstown.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	2a	IA 02-IOW-01810-L_0	Hannen Lake	Benton County, S34,T82N,R11W, 4 mi SW of Blairstown.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5b	3b	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.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5b	5b	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 S24,T81N,R15W Poweshiek Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2003.	High
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1999.	High

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5a	2a	IA 02-IOW-02095-L_0	Otter Creek Lake	Tama County, S31,T84N,R14W, 5 mi NE of Toledo.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 02-IOW-02195-L_0	Union Grove Lake	Tama County, S33,T85N,R16W, 2.5 mi NW of Garwin.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 02-IOW-02195-L_0	Union Grove Lake	Tama County, S33,T85N,R16W, 2.5 mi NW of Garwin.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	High
5a	5a	IA 02-IOW-02195-L_0	Union Grove Lake	Tama County, S33,T85N,R16W, 2.5 mi NW of Garwin.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 02-IOW-02195-L_0	Union Grove Lake	Tama County, S33,T85N,R16W, 2.5 mi NW of Garwin.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 02-IOW-02195-L_0	Union Grove Lake	Tama County, S33,T85N,R16W, 2.5 mi NW of Garwin.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High

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5b	3a	IA 02-IOW-02611_0	Unnamed tributary to Drainage Ditch 55	mouth (T87N R22W Sec36) to headwaters (T87N R22W Sec34) Hardin Co.	Y	aquatic life	biological: fish kill	Fish kill in August 2006 caused by ammonia; source unknown.	IDNR fish kill investigation	Low
5a	5a	IA 02-IOW-0330-L_0	Lower Pine Lake	Hardin County, S4,T87N,R19W, 0.5 mi E of Eldora.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	High
5a	2b	IA 02-IOW-0335-L_0	Upper Pine Lake	Hardin County, S4,T87N,R19W, 0.5 mi E of Eldora.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5b	3a	IA 02-IOW-0342_0	School Creek	mouth (S28, T89N, R20W, Hardin Co.) to confluence with unnamed tributary in S16, T89N, R20W, Hardin Co.	Y	aquatic life	biological: fish kill	Fish kill in July 2006 caused by spill of fatty acids, glycerin, and soybean oil.	IDNR fish kill investigation	Low
5b	5b	IA 02-IOW-0380_1	East Branch Iowa River	mouth (S19,T93N, R23W, Wright Co.) to confluence with unnamed tributary in S16, T94N, R23W, Hancock Co., north of Goodell State Wildlife Management Area.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2005.	Low
5a	2a	IA 02-IOW-03830-L_0	Eldred Sherwood Lake	Hancock County, S21,T94N,R24W, 3 mi. NE of Goodell.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

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5a	2a	IA 02-IOW-03830-L_0	Eldred Sherwood Lake	Hancock County, S21,T94N,R24W, 3 mi. NE of Goodell.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR county beach monitoring, 2004-2006	Low
5a	4a	IA 02-IOW-04095-L_0	Crystal Lake	Hancock County, S15,T97N,R25W, at Crystal Lake.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR county beach monitoring, 2004-2006	Medium
5b	3a	IA 02-IOW-0450_0	Short Creek	from mouth (T75N R04W Sec19) to headwaters(T75N R06W Sec3)	Y	aquatic life	biological: fish kill	Fish kill in August 2007 caused by animal waste.	IDNR fish kill investigation	Low
5b	3a	IA 02-IOW-0451_0	Unnamed Tributary to Short Creek	from mouth (T75N R04W Sec19) to headwaters(T75N R05W Sec36)	Y	aquatic life	biological: fish kill	Fish kill in June 2007 caused by animal waste.	IDNR fish kill investigation	Low
5a	2a	IA 02-SHL-0010_2	Shell Rock River	from south corporate limit of Shell Rock (S12, T91N, R15W, Butler Co.) to confluence with Flood Cr. in S27, T93N, R16W, Butler Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	IA 02-SHL-00105-L_0	Avenue Of The Saints Lake	Bremer Co., approximately 2 miles E of Shell Rock in S7, T91N, R14W	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 02-SHL-00105-L_0	Avenue Of The Saints Lake	Bremer Co., approximately 2 miles E of Shell Rock in S7, T91N, R14W	N	aquatic life	turbidity	IDNR Fisheries Bureau reports poor fishery at this lake due to water clarity problems.	IDNR Fisheries Bureau.	Medium

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5a	5a	IA 02-SHL-00105-L_0	Avenue Of The Saints Lake	Bremer Co., approximately 2 miles E of Shell Rock in S7, T91N, R14W	N	aquatic life	algae	IDNR Fisheries Bureau reports poor fishery at this lake due to water clarity problems.	IDNR Fisheries Bureau.	Medium
5a	5a	IA 02-SHL-0020_1	Shell Rock River	from confluence with the Winnebago River (Floyd Co.) to confluence with Rose Cr. in NW 1/4, S8, T97N, R18W, Cerro Gordo Co.	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL TMDL-related monitoring in 2002-2004.	Low
5p	1	IA 02-SHL-0021_0	Flood Creek	mouth (S27, T93N, R16W, Butler Co.) to confluence with Beaver Cr. in S36, T95N, R17W, Floyd Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	5b	IA 02-SHL-00235_0	Palmer Creek	mouth (NW 1/4, S29, T93N, R16W, Butler Co.) to headwaters in S32, T93N, R17W, Butler Co.	N	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in August 2000 caused by animal waste.	IDNR fish kill investigation	High
5p	2b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	4a	IA 02-WFC-0090-L_0	Beeds Lake	Franklin County, S20, T92N, R20W, 2 mi W, 1 mi N of Hampton	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP and biocriteria) sampling in 2003.	Low
5a	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	5b	IA 02-WIN-0020_2	Winnebago River	from confluence with Pike Run (S25, T99N, R24W, Winnebago Co.) to the Iowa/Minnesota state line	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2006.	Low
5a	5a	IA 02-WIN-00450-L_0	Clear Lake	Cerro Gordo County, S13,T96N,R22W, at Clear Lake.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Medium
5a	5a	IA 02-WIN-00465-L_0	Ventura Marsh	Cerro Gordo County, S19,T96N,R22W, at Ventura.	N	aquatic life	algae	aesthetically objectionable conditions, in part, due to common carp	ISU Clear Lake diagnostic/feasibility study, 2001	Low
5a	5a	IA 02-WIN-00465-L_0	Ventura Marsh	Cerro Gordo County, S19,T96N,R22W, at Ventura.	N	aquatic life	turbidity	aesthetically objectionable conditions, in part, due to common carp	ISU Clear Lake diagnostic/feasibility study, 2001	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	5b	IA 02-WIN-0050_0	Calmus Creek	mouth (S34, T97N, R20W, Cerro Gordo Co.) to west line S30, T97N, R20W, Cerro Gordo Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001.	Low
Impaired waters in the Skunk River Basin:										
5a	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	5b	IA 03-NSK-0020_2	North Skunk River	from the Mahaska/Poweshiek line to confluence with Sugar Cr. in S20, T78N, R16W, Poweshiek Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2001.	Low
5a	2a	IA 03-NSK-00250-L_0	Hawthorn Lake	Mahaska County, S10,T77N,R14W, 1 mi S of Barnes City.	Y	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index approaching 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	2a	IA 03-NSK-00250-L_0	Hawthorn Lake	Mahaska County, S10,T77N,R14W, 1 mi S of Barnes City.	Y	aquatic life	turbidity	aesthetically objectionable conditions: Secchi trophic state index approaching 65; rapidly declining fishery.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06; information from IDNR Fisheries Bureau.	Low
5b	4c	IA 03-NSK-0030_0	North Skunk River	from confluence with Sugar Cr. (S20, T78N, R16W, Poweshiek Co.) to confluence with Snipe Cr. in S22, T81N, R19W, Jasper Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index.	IDNR/UHL biological (biocriteria) sampling in 2001 and IDNR Fisheries biological monitoring, 2002.	Low
5b	4c	IA 03-NSK-0030_0	North Skunk River	from confluence with Sugar Cr. (S20, T78N, R16W, Poweshiek Co.) to confluence with Snipe Cr. in S22, T81N, R19W, Jasper Co.	Y	aquatic life	biological: fish kill	Fish kill in August 2006 caused by animal waste.	IDNR fish kill investigation.	Low
5a	5a	IA 03-NSK-00340-L_0	Rock Creek Lake	Jasper County, S17,T80N,R17W, 4 mi. ENE of Kellogg.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Medium
5b	5b	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.	N	aquatic life	biological, fish kill: ammonia	Fish kill in September 2003 caused by animal waste.	IDNR fish kill investigation	Low
5a	5a	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23, T67N, R5W, Lee Co.	N	aquatic life	aluminum	violations of chronic WQ criterion	Illinois EPA ambient WQ monitoring, 2003-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	5a	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23, T67N, R5W, Lee Co.	N	drinking water	arsenic	violations of human health criterion (0.18 ug/l)	Illinois EPA ambient WQ monitoring, 2003-06.	Low
5a	5a	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23, T67N, R5W, Lee Co.	N	primary contact recreation	bacteria	listing in 2008 by adjacent state	Illinois EPA	Low
5a	5a	IA 03-SKM-0010_2	Mississippi River	from confluence with Sugar Cr. (S23, T67N, R5W, Lee Co.) to confluence with Skunk R.	N	primary contact recreation	bacteria	listing in 2008 by adjacent state	Illinois EPA	Low
5a	5a	IA 03-SKU-00650-L_0	Geode Lake	Henry County, S36,T70N,R5W, 4 mi. SW of Danville.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	High
5a	5a	IA 03-SKU-00650-L_0	Geode Lake	Henry County, S36,T70N,R5W, 4 mi. SW of Danville.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 03-SKU-00650-L_0	Geode Lake	Henry County, S36,T70N,R5W, 4 mi. SW of Danville.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 03-SKU-00650-L_0	Geode Lake	Henry County, S36,T70N,R5W, 4 mi. SW of Danville.	Y	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR)	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	5a	IA 03-SKU-0085_0	Saunders Branch	mouth (SW 1/4, S17, T71N, R6W, Henry Co.) to headwaters	N	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
5a	5a	IA 03-SKU-0085_0	Saunders Branch	mouth (SW 1/4, S17, T71N, R6W, Henry Co.) to headwaters	N	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
5a	5a	IA 03-SKU-0085_0	Saunders Branch	mouth (SW 1/4, S17, T71N, R6W, Henry Co.) to headwaters	N	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
5a	2b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	IA 03-SKU-00945-L_0	Walton Reservoir	Jefferson County, S30,T72N,R9W, at NE edge of Fairfield.	N	drinking water	atrazine	average levels > atrazine MCL (3 ppb)	Results of Syngenta Inc. monitoring from 2000-02	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	3a	IA 03-SKU-0116_0	Crow Creek	from tributary(T72N R9W 31) to headwaters (T72N R10W Sec11); Jefferson Co. near Fairfield	Y	aquatic life	biological, fish kill: fertilizer and pesticides	Fish kill in September 2007 caused by discharge of fertilizer and pesticides.	IDNR fish kill investigation	Low
5b	5b	IA 03-SKU-0130_0	West Fork Crooked Creek	mouth to trib S21,T76N,R9W Washington Co.	N	aquatic life	biological: fish kill	Fish kill in 2002; unknown cause	IDNR fish kill investigation	Low
5a	5a	IA 03-SKU-01450-L_0	Lake Darling	Washington County, S21,T74N,R9W, 3 mi W of Brighton.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Medium
5a	1	IA 03-SSK-0010_2	South Skunk River	from the Highway 21 bridge (S34,T75N, R13W, Keokuk Co.) to the Highway 63 bridge north of Oskaloosa in S25, T76N, R16W, Mahaska Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	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.	N	drinking water	nitrate	> 10% of samples violate nitrate MCL (10 ppm)	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County, S28,T75N,R14W, 4 mi SSW of Rose Hill.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	5a	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County, S28,T75N,R14W, 4 mi SSW of Rose Hill.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County, S28,T75N,R14W, 4 mi SSW of Rose Hill.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County, S28,T75N,R14W, 4 mi SSW of Rose Hill.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County, S13,T75N,R15W, 4.5 mi E of Oskaloosa.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County, S13,T75N,R15W, 4.5 mi E of Oskaloosa.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	High
5a	5a	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County, S13,T75N,R15W, 4.5 mi E of Oskaloosa.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	5a	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County, S13,T75N,R15W, 4.5 mi E of Oskaloosa.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	3b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	IA 03-SSK-0030_2	South Skunk River	from Ames Water Works dam in River Valley Park (S36, T84N, R24W, Story Co.) to the Co. Rd. at north line of S6, T85, R23W, Story Co (approx. 1 mile NNE of Story City)	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2003.	Low
5p	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	2a	IA 03-SSK-00530-L_0	Hickory Grove Lake	Story County, S24,T83N,R22W, 2.5 mi SW of Colo.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR county beach monitoring, 2004-2006	High

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	5b	IA 03-SSK-0056-L_0	Lake Patoka	Polk Co., T80N R22W Section 29 SE, East of Bondurant on Hwy 65	N	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	5b	IA 03-SSK-0057_0	Ballard Creek	mouth to unnamed tributary in S15, T82N, R24W, Story Co.	N	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in August 2002 caused by animal waste.	IDNR fish kill investigation	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 1999.	High
5b	5b	IA 03-SSK-0090_0	Long Dick Creek	mouth (S18, T85N, R23W, Story Co.) to N. line of S34, T86N, R23W, Hamilton Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2003.	High
5b	5b	IA 03-SSK-0091_0	Long Dick Creek	N. line of S34, T86N, R23W, Hamilton Co to headwaters	N	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in April 2004 caused by animal waste.	IDNR fish kill investigation	High
5b	3a	IA 03-SSK-0130_0	Unnamed Tributary to South Skunk River	from mouth (T86N R24W Sec24) to headwaters (T86N R23W Sec17) Hamilton Co.	Y	aquatic life	biological, fish kill: ammonia	Fish kill in November 2007 caused by animal waste.	IDNR fish kill investigation	Low
Impaired waters in the Des Moines River Basin, including the Raccoon River Basin:										

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2000.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling in 2000.	Low
5b	3a	IA 04-FAB-0010_0	North Fabius River	IA/MO line to trib S33,T68N,R15W Davis Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2006.	Medium
5b	1	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.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling in 2005.	Low
5a	2b	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	1	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	2a	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.	Y	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	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.	N	aquatic life	biological: fish kill: unknown	Fish kills, primarily of shovelnose sturgeon; most recently in 2002 and 2006.	IDNR fish kill investigations.	Low
5a	5a	IA 04-LDM-0020_1	Des Moines River	from confluence with Soap Cr. (S35, T71N, R12W, Wapello Co.) to lowhead dam at Ottumwa in S24, T72N, R14W, Wapello Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	5a	IA 04-LDM-0020_1	Des Moines River	from confluence with Soap Cr. (S35, T71N, R12W, Wapello Co.) to lowhead dam at Ottumwa in S24, T72N, R14W, Wapello Co.	N	aquatic life	biological: fish kill: unknown	Fish kills, primarily of shovelnose sturgeon; most recently in 2002 and 2006.	IDNR fish kill investigations.	Low
5a	5a	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.	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	4a	IA 04-LDM-00215-L_0	Ottumwa Lagoon	Wapello County, S25,T72N,R14W, at Ottumwa.	Y	aquatic life	biological: fish kill: petroleum products	Fish kill in August 2006 caused by spill of petroleum products.	IDNR fish kill investigations.	Low
5a	5a	IA 04-LDM-00380-L_0	Roberts Creek Lake	Marion County, S4,T76N,R19W, 6 mi NE of Knoxville.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 04-LDM-00380-L_0	Roberts Creek Lake	Marion County, S4,T76N,R19W, 6 mi NE of Knoxville.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 04-LDM-0040_1	Des Moines River	upper end of Red Rock Reservoir (W line, S34, T77N, R20W, Marion Co.) to confluence with South R. in S12, T77N, R22W, Warren Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE & IDNR/UHL ambient WQ monitoring, 2004-06	High
5a	5a	IA 04-LDM-0040_2	Des Moines River	from confluence with South R. (S12, T77N, R22W, Warren Co.) to confluence with North R. in S36, T78N, R23W, Polk Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE & IDNR/UHL ambient WQ monitoring, 2004-06	High
5a	5a	IA 04-LDM-0040_3	Des Moines River	from confluence with North R. (S36, T78N, R23W, Polk Co.) to confluence with Raccoon R. in S10, T78N, R24W, Polk Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE ambient WQ monitoring, 2004-06	High

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	5b	IA 04-LDM-0090_2	Soap Creek	confluence with Little Soap Cr. (S1, T70N, R13W, Davis Co.) to confluence with unnamed tributary in S31, T71N, R16W, Monroe Co.	N	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	IA 04-LDM-0119_0	Sugar Creek	mouth (NE 1/4, S32, T72N, R13W, Wapello Co.) to headwaters in S6, T72N, R13W, Wapello Co.	N	aquatic life	biological: fish kill: industrial chemical	Fish kill in June 2004 caused by spill of industrial chemical (sulfuric acid).	IDNR fish kill investigations.	Low
5b	5b	IA 04-LDM-0130_0	Miller Creek	mouth (S7, T73N, R15W, Wapello Co.) to unnamed tributary in S29, T73N, R16W, Monroe Co.	N	aquatic life	biological: fish kill: unknown	Fish kills in 2000 and 2003	IDNR fish kill investigations	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling, 2000	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) sampling, 2000	Low
5p	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	3a	IA 04-LDM-0170_0	Cedar Creek	from N. Cedar Cr. To confluence with Mormon Br. S5,T71N,R18W, Monroe Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling, 2006	Low
5a	5a	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.	N	aquatic life	low DO	Violation of criteria for dissolved oxygen suggest declining water quality trend.	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	5a	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological sampling, 1999.	Low
5a	5a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Medium
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling, 2002.	Low
5a	2a	IA 04-LDM-02296-L_0	Red Haw Lake	Lucas County, S28,T71N,R21W, 2 mi SE of Chariton.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Low

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5p	1	IA 04-LDM-0230_0	South River	mouth (Warren Co.) to confluence with Squaw Cr. in S2, T75N, R24W, Warren Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	2a	IA 04-LDM-02615-L_0	Lake Ahquabi	Warren County, S14,T75N,R24W, 4 mi SSW of Indianola.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	4a	IA 04-LDM-02690-L_0	West Lake (Osceola)	Clarke County, S13,T72N,R26W, approx 2 mi W of Osceola.	Y	aquatic life	low DO	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5b	5b	IA 04-LDM-0270_0	Middle River	mouth (Warren Co.) to confluence with Clanton Cr. in S28, T76N, R25W, Warren Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling, 2002.	Low
5p	5b	IA 04-LDM-0270_0	Middle River	mouth (Warren Co.) to confluence with Clanton Cr. in S28, T76N, R25W, Warren Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	IA 04-LDM-02718-L_0	Hooper Area Pond	Warren County, S26,T75N,R24W, 5 mi SSW of Indianola.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High

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5a	3a	IA 04-LDM-02725-L_0	South Banner Lake	Warren County, S30,T77N,R23W, 5 mi N of Indianola.	Y	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR)	Low
5a	3a	IA 04-LDM-02726-L_0	North Banner Lake	Warren County, S30,T77N,R23W, 5 mi N of Indianola.	Y	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	fish contaminant monitoring (RAFT and IDNR)	Low
5a	5a	IA 04-LDM-02870-L_0	Meadow Lake	Adair County, S17,T76N,R31W, 5 mi N of Greenfield.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological monitoring in 2002 (REMAP) and 2004 (biocriteria).	Low
5a	5b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5a	IA 04-LDM-03085-L_0	Cedar Lake	Madison County, S19,T76N,R27W near Winterset.	N	drinking water	atrazine	average levels > atrazine MCL (3 ppb)	Results of Syngenta Inc. monitoring from 2000-02	Medium
5a	5a	IA 04-RAC-00475-L_0	Black Hawk Lake	Sac County, S35,T87N,R36W, at Lake View.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High

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5a	5a	IA 04-RAC-00475-L_0	Black Hawk Lake	Sac County, S35,T87N,R36W, at Lake View.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 04-RAC-00475-L_0	Black Hawk Lake	Sac County, S35,T87N,R36W, at Lake View.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	High
5b	5b	IA 04-RAC-0050_2	North Raccoon River	from County Road M54 (S24,T88N, R36W Sac Co.) to confluence with Drainage Ditch 101 in S36, T91N, R36W, Buena Vista Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2004.	Low
5p	5b	IA 04-RAC-0050_2	North Raccoon River	from County Road M54 (S24,T88N, R36W Sac Co.) to confluence with Drainage Ditch 101 in S36, T91N, R36W, Buena Vista Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5a	5b	IA 04-RAC-0123_0	Marrowbone Creek	mouth to trib S17,T85N,R33W Carroll Co.	Y	aquatic life	low DO	Violation of criteria for dissolved oxygen.	IDNR/UHL diurnal DO sampling conducted for REMAP and IDNR/UHL TMDL-related monitoring.	High
5b	5b	IA 04-RAC-0123_0	Marrowbone Creek	mouth to trib S17,T85N,R33W Carroll Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) sampling, 2002.	High

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5b	3b	IA 04-RAC-0130_2	Lake Creek	east line S12,T86N,R34W to DD-65/9&13, Calhoun Co.	Y	aquatic life	biological: fish kill: unknown	Fish kills in July 2005 and August 2006 (2006 kill caused by animal waste).	IDNR fish kill investigations	Low
5b	5b	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.	N	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	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring 2004-06.	Low
5b	3a	IA 04-RAC-01700_0	Lateral 6	from mouth (T92N R36W Sec17) to headwaters (T92N R37W Sec4), Buena Vista Co.	Y	aquatic life	biological: fish kill: unknown	Fish kill in August 2007 caused by spill from an industrial truck wash lagoon.	IDNR fish kill investigations	Low
5a	1	IA 04-RAC-01750-L_0	Beaver Lake	Dallas County, S20,T78N,R29W, 1.5 mi. N of Dexter.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5b	5b	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.	N	aquatic life	biological: fish kill: ammonia	Fish kill in September 2003; source of ammonia unknown.	IDNR fish kill investigations	Low

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5b	5b	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.	N	aquatic life	biological: fish kill: ammonia/low DO	Fish kills in December 2005 caused by animal waste.	IDNR fish kill investigations	High
5b	3b	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.	Y	aquatic life	biological: fish kill: ammonia/low DO	Fish kills in December 2005 caused by animal waste.	IDNR fish kill investigations	High
5a	1	IA 04-UDM-0010_1	Des Moines River	from confluence with Raccoon R. in Des Moines to Center Street Dam in Des Moines, Polk Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	Des Moines Water Works monitoring, 2002-06.	Low
5a	5a	IA 04-UDM-0010_2	Des Moines River	from Center Street Dam in Des Moines to the Interstate 80/35 bridge in S17, T79N, R24W, Polk Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	Des Moines Water Works monitoring, 2002-06.	High
5a	5a	IA 04-UDM-0010_2	Des Moines River	from Center Street Dam in Des Moines to the Interstate 80/35 bridge in S17, T79N, R24W, Polk Co.	N	drinking water	nitrate	> 10% of samples violate nitrate MCL (10 ppm)	Ambient water quality monitoring 2004-06 by IDNR/UHL, ISU/ACOE, and Des Moines Water Works.	High
5a	5a	IA 04-UDM-0020-L_0	Saylorville Reservoir	Polk County, Saylorville Dam to Polk-Dallas county line.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE beach monitoring, 2004-06.	Low
5a	2a	IA 04-UDM-0030_1	Des Moines River	from upper end of Saylorville Reservoir to Fraser Dam in S34, T85N, R27W, Boone Co.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	ISU/ACOE ambient monitoring 2004-06.	Low

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5a	2a	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	ISU/ACOE ambient monitoring 2004-06.	Low
5a	1	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)	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	1	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	2a	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5p	5a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	5a	IA 04-UDM-0140-L_0	Big Creek Lake	Polk County, S22,T81N,R25W, near Polk City	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	High

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5b	5b	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.	N	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	2b	IA 04-UDM-0180_1	Boone River	mouth (Webster Co.) to Hwy 17 in S18, T88N, R25W, Hamilton Co.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5b	5b	IA 04-UDM-01880-L_0	Briggs Woods Lake	Hamilton County, S17, T88N, R25W near Webster City.	N	aquatic life	biological: fish kill: low DO	fish kill in 2005, attributed to low dissolved oxygen and excessive macrophytes	IDNR fish kill investigation	High
5b	5b	IA 04-UDM-0215_0	Lyons Creek	mouth (NW 1/4, S6, T88N, R25W, Hamilton Co.) to headwaters in S18, T89N, R24W, Hamilton Co.	N	aquatic life	biological: fish kill: unknown	Fish kill in 2001; although traced to tile line, no cause/source identified.	IDNR fish kill investigation	High
5p	5b	IA 04-UDM-0215_0	Lyons Creek	mouth (NW 1/4, S6, T88N, R25W, Hamilton Co.) to headwaters in S18, T89N, R24W, Hamilton Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring from June 2006 through April 2007	Low
5p	5a	IA 04-UDM-0247_0	Buttermilk Creek	mouth (T92N, R26W, Sec 33) to headwaters (T92N, R26W, Sec 34), Wright County	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related monitoring from June 2006 through April 2007	Low

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5b	5b	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.	N	aquatic life	biological: fish kill, cause unknown	Fish kill in 2000; pollutant suspected but no cause/source identified.	IDNR fish kill investigation	Low
5b	5b	IA 04-UDM-0300_1	Lizard Creek	mouth to confluence with unnamed tributary in N 1/2, S31, T90N, R30W, Webster Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological sampling in 2002 (biocriteria) and 2004 (REMAP).	Low
5a	5b	IA 04-UDM-0300_1	Lizard Creek	mouth to confluence with unnamed tributary in N 1/2, S31, T90N, R30W, Webster Co.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
Impaired waters in the river basins of southern Iowa: Chariton, Grand, Platte, Tarkio, Nodaway, Nishnabotna										
5a	1	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.	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	5a	IA 05-CHA-0020-L_2	Rathbun Reservoir	South Fork Arm: from main lake basin uplake to inflow of South Fork Chariton River in S36, T70N, R20W, Wayne Co.	Y	drinking water	atrazine	Average level in 2004-06 greater than MCL.	Army Corps of Engineers monitoring, 2004-06	High
5a	5a	IA 05-CHA-0020-L_2	Rathbun Reservoir	South Fork Arm: from main lake basin uplake to inflow of South Fork Chariton River in S36, T70N, R20W, Wayne Co.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	Army Corps of Engineers monitoring, 2004-06	Medium

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5a	5a	IA 05-CHA-0020-L 2	Rathbun Reservoir	South Fork Arm: from main lake basin uplake to inflow of South Fork Chariton River in S36, T70N, R20W, Wayne Co.	N	aquatic life	turbidity	impacts on sport fishery	IDNR Fisheries Bureau	Medium
5a	5a	IA 05-CHA-0020-L 2	Rathbun Reservoir	South Fork Arm: from main lake basin uplake to inflow of South Fork Chariton River in S36, T70N, R20W, Wayne Co.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Army Corps of Engineers monitoring, 2004-06	Medium
5a	5a	IA 05-CHA-0020-L 3	Rathbun Reservoir	Chariton Arm: from main lake basin (state highway 142) uplake to inflow of the Chariton River at the Wayne/Lucas county line.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	Army Corps of Engineers monitoring, 2004-06	Medium
5a	5a	IA 05-CHA-0020-L 3	Rathbun Reservoir	Chariton Arm: from main lake basin (state highway 142) uplake to inflow of the Chariton River at the Wayne/Lucas county line.	N	aquatic life	turbidity	impacts on sport fishery	IDNR Fisheries Bureau	Medium
5a	5a	IA 05-CHA-0020-L 3	Rathbun Reservoir	Chariton Arm: from main lake basin (state highway 142) uplake to inflow of the Chariton River at the Wayne/Lucas county line.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Army Corps of Engineers monitoring, 2004-06	Medium
5a	5a	IA 05-CHA-0030_1	Chariton River	from upper end of Rathbun Lake to Hwy 14 at Chariton, Lucas Co.	N	aquatic life	low DO	violations of water quality criterion for dissolved oxygen	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low

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5p	5a	IA 05-CHA-0030_1	Chariton River	from upper end of Rathbun Lake to Hwy 14 at Chariton, Lucas Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	5b	IA 05-CHA-0030_2	Chariton River	from Hwy 14 (Lucas Co.) to confluence with Chariton Cr. in S19, T71N, R23W, Lucas Co.	N	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	3b	IA 05-CHA-00301_0	Chariton River	from confluence with Chariton Creek (S19, T71N, R23W, Lucas Co.) to headwaters	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5p	1	IA 05-CHA-00302_0	Chariton Creek	mouth (S19, T71N, R23W, Lucas Co.) to headwaters	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	1	IA 05-CHA-0040_0	Cooper Creek	mouth to trib S9,T68N,R19W Appanoose Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring, 2005.	Low

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5p	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	5b	IA 05-CHA-0057_0	Unnamed Tributary to Rathbun Reservoir	mouth at Rathbun Reservoir to headwaters (T70N R19W Sec 25) Appanoose Co.	N	aquatic life	biological: fish kill: petroleum products	Fish kill in 2005 caused by spill of diesel fuel	IDNR fish kill investigation	Low
5b	5b	IA 05-CHA-0060_1	South Fork Chariton River	mouth (at Rathbun Lake) to confluence with Ninemile Cr. in S4, T69N, R22W, Wayne Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	5b	IA 05-CHA-0060_1	South Fork Chariton River	mouth (at Rathbun Lake) to confluence with Ninemile Cr. in S4, T69N, R22W, Wayne Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	5b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	5b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	5b	IA 05-CHA-0063_0	Jackson Creek	mouth (S1, T70N, R21W, Wayne Co.) to confluence with unnamed tributary in S12, T68N, R21W, Wayne Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	5b	IA 05-CHA-0063_0	Jackson Creek	mouth (S1, T70N, R21W, Wayne Co.) to confluence with unnamed tributary in S12, T68N, R21W, Wayne Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	5b	IA 05-CHA-0064_0	West Jackson Creek	mouth to trib S31,T69N,R21W Wayne Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	High

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5b	5b	IA 05-CHA-0066_0	Ninemile Creek	mouth (S4, T69N, R22W, Wayne Co.) to confluence with unnamed tributary in S31, T70N, R22W, Wayne Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	Low
5p	5b	IA 05-CHA-0066_0	Ninemile Creek	mouth (S4, T69N, R22W, Wayne Co.) to confluence with unnamed tributary in S31, T70N, R22W, Wayne Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	5b	IA 05-CHA-0067_0	Dick Creek	mouth to trib S18,T69N,R22W Wayne Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR Fisheries Bureau biological monitoring, 1999-2002	High
5p	1	IA 05-CHA-0068_0	Honey Creek	mouth (S26, T71N, R20W, Lucas Co.) to confluence with unnamed tributary in S10 ,T71N, R20W, Lucas Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5a	5a	IA 05-CHA-00690-L_0	Bob White Lake	Wayne County, S4,T68N,R22W, 1 mi W of Allerton.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2000-02	Low
5a	5a	IA 05-CHA-00690-L_0	Bob White Lake	Wayne County, S4,T68N,R22W, 1 mi W of Allerton.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	1	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.	Y	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
5p	5a	IA 05-CHA-0077_0	Fivemile Creek	mouth (S35, T71N, R22W, Lucas Co.) to confluence with unnamed tributary in S29, T71N, R22W, Lucas Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	ISU/ACOE Rathbun watershed project monitoring, 2004-06	Low
5b	3a	IA 05-GRA-0030_0	East Fork Medicine Creek	IA/MO line to trib S24,T68N,R22W Wayne Co	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	Medium
5a	5a	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.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low

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5b	5b	IA 05-GRA-0070_0	Weldon River	IA/MO line to Mormon Pool, Decatur Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2003.	Low
5b	5b	IA 05-GRA-0080_0	Little River	IA/MO line to dam S30,T69N,R25W Decatur Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002.	Low
5a	5a	IA 05-GRA-00810-L_0	Little River Watershed Lake	Decatur County, S19,T69N,R25W, approx 2 mi NW of Leon.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 05-GRA-00810-L_0	Little River Watershed Lake	Decatur County, S19,T69N,R25W, approx 2 mi NW of Leon.	Y	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 05-GRA-01010-L_0	Nine Eagles Lake	Decatur County, S18,T67N,R25W, 3.5 mi. SE of Davis City.	N	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	fish contaminant monitoring (RAFT and IDNR)	Low
5a	5a	IA 05-GRA-01010-L_0	Nine Eagles Lake	Decatur County, S18,T67N,R25W, 3.5 mi. SE of Davis City.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Medium

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	5a	IA 05-GRA-01410-L_0	Thayer Lake	Union County, S22,T72N,R28W, 1 mi SW of Thayer.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 05-GRA-01410-L_0	Thayer Lake	Union County, S22,T72N,R28W, 1 mi SW of Thayer.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2003.	Low
5b	5b	IA 05-GRA-0180_0	Middle Fork Grand River	IA/MO line to trib S13,T68N,R30W Ringgold Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low
5a	5a	IA 05-GRA-01920-L_0	Loch Ayr	Ringgold County, S30,T69N,R29W, 2 miles N of Mt. Ayr.	N	drinking water	atrazine	declining water quality trend	Syngenta, Inc. voluntary monitoring program, 2000-01	Low
5p	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5p	3b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5b	5b	IA 05-NOD-0030_2	East Nodaway River	from Long Branch Cr (at W line, S17, T70N, R35W, Taylor Co.) to Kemp Cr at E line, S11, T71N, R35W, Adams Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low
5a	4a	IA 05-NOD-00485-L_0	Orient Lake	Adair County, S20,T74N,R31W, approx 1 mi SW of Orient.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	4a	IA 05-NOD-00485-L_0	Orient Lake	Adair County, S20,T74N,R31W, approx 1 mi SW of Orient.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	4a	IA 05-NOD-00485-L_0	Orient Lake	Adair County, S20,T74N,R31W, approx 1 mi SW of Orient.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2004.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	1	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County, S17,T76N,R31W, 1.5 mi SE of Bridgewater.	Y	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory	fish contaminant monitoring (RAFT and IDNR) in 1994 and 2006	Low
5a	1	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County, S17,T76N,R31W, 1.5 mi SE of Bridgewater.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	1	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County, S17,T76N,R31W, 1.5 mi SE of Bridgewater.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 05-NOD-00930-L_0	Viking Lake	Montgomery County, S6,T71N,R36W, 4 mi. E of Stanton.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 05-NOD-00930-L_0	Viking Lake	Montgomery County, S6,T71N,R36W, 4 mi. E of Stanton.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Medium
5a	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	3b	IA 05-NSH-0020_2	East Nishnabotna River	from confluence with Fisher Cr. (S27, T69N, R40W, Fremont Co.) to Page/Montgomery county line	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	5a	IA 05-NSH-00310-L_0	Cold Springs Lake	Cass County, S15,T75N,R37W, 1 mi S of Lewis.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 05-NSH-00310-L_0	Cold Springs Lake	Cass County, S15,T75N,R37W, 1 mi S of Lewis.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 05-NSH-00310-L_0	Cold Springs Lake	Cass County, S15,T75N,R37W, 1 mi S of Lewis.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 05-NSH-00310-L_0	Cold Springs Lake	Cass County, S15,T75N,R37W, 1 mi S of Lewis.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5b	3a	IA 05-NSH-0060_0	Troublesome Creek	mouth (Cass Co.) to Fourmile Cr., Audubon Co.	Y	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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5b	5b	IA 05-NSH-0063_0	Davids Creek	mouth (S4, T79N, R35W, Audubon Co.) to Honey Cr. in S31, T79N, R34W, Audubon Co.	N	aquatic life	biological: fish kill: ammonia/low DO	Fish kill in 2004 caused by animal waste	IDNR fish kill investigation	Low
5a	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5b	5b	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.)	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2003.	Low
5b	5b	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.	N	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	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/Fisheries biological monitoring in 1998.	Low
5b	3a	IA 05-NSH-0128_0	Mud Creek	mouth to trib S14,T73N,R41W Mills Co.	Y	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	5b	IA 05-NSH-0133_0	Jordan Creek	mouth (S31, T74N, R39W, Pottawattamie Co.) to confluence with Spring Cr. in S4, T74N, R39W, Pottawattamie Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2001.	Low
5a	5a	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County, S36,T79N,R38W, 6 mi SE of Harlan.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County, S36,T79N,R38W, 6 mi SE of Harlan.	Y	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County, S36,T79N,R38W, 6 mi SE of Harlan.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County, S36,T79N,R38W, 6 mi SE of Harlan.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 05-PLA-0015-L_0	Sands Timber Lake (aka, Blockton Reservoir)	S2, T67N, R32W, Taylor Co.	N	aquatic life	turbidity	turbidity-related impacts on sport fishery related to siltation and/or common carp	IDNR Fisheries Bureau	High

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5a	3a	IA 05-PLA-0020_0	Platte River	from East Platte R to trib S16,T72N,R31W Union Co.	Y	aquatic life	biological: fish kill: unknown toxicity	Fish kill in 2004 caused by green dye via municipal WWTP	IDNR fish kill investigation	Low
5a	3a	IA 05-PLA-0021_0	Platte River	from confluence with tributary (T72N R31W Sec16) to Summitt Lake (T72N R31W Sec3) at Creston, Union Co.	Y	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	IA 05-PLA-00295-L_0	Green Valley Lake	Union County, S26,T73N,R31W, 2.5 mi NW of Creston	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	5a	IA 05-PLA-00335-L_0	Lake Of Three Fires	Taylor County, S12,T68N,R34W, 2 mi NNE of Bedford.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	High
5a	5a	IA 05-PLA-00380-L_0	Wilson Park Lake	Taylor County, S28,T70N,R32W, 3 mi SSE of Lenox.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 05-PLA-00380-L_0	Wilson Park Lake	Taylor County, S28,T70N,R32W, 3 mi SSE of Lenox.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	5a	IA 05-PLA-00380-L_0	Wilson Park Lake	Taylor County, S28,T70N,R32W, 3 mi SSE of Lenox.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 1995.	Low
5a	5a	IA 05-PLA-00430-L_0	Windmill Lake	Taylor County, S36,T69N,R35W, 4 mi E of New Market.	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 05-PLA-00430-L_0	Windmill Lake	Taylor County, S36,T69N,R35W, 4 mi E of New Market.	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 05-PLA-00430-L_0	Windmill Lake	Taylor County, S36,T69N,R35W, 4 mi E of New Market.	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 05-PLA-00430-L_0	Windmill Lake	Taylor County, S36,T69N,R35W, 4 mi E of New Market.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

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5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low
Impaired waters in the river basins of western Iowa: Boyer, Maple, Little Sioux, Big Sioux & other tributaries of the Missouri River										
5a	2a	IA 06-BOY-0020_1	Boyer River	from confluence with Willow Cr. (S28, T78N, R44W, Harrison Co.) to the Harrison-Crawford county line.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	2a	IA 06-BOY-00405-L_0	Willow Lake	Harrison County, S6,T80N,R42W, 5 mi. NW of Woodbine.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Low
5b	3a	IA 06-BOY-0045_0	Elk Creek	mouth (T80N R43W Sec11 Harrison Co.) to headwaters (T81N R42W Sec7) Harrison Co.	Y	aquatic life	biological: fish kill: ammonia	Fish kill in March 2007 caused by animal waste.	IDNR fish kill investigation	Low
5b	5b	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.	N	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	5b	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.	N	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	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002.	Low
5p	1	IA 06-BSR-0027_0	Indian Creek	mouth to unnamed tributary in S33,T94N,R47W Sioux Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low
5a	1	IA 06-BSR-00280-L_0	Lake Pahoja	Lyon County, S23,T99N,R48W, 5 mi SSW of Larchwood.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5a	1	IA 06-BSR-00280-L_0	Lake Pahoja	Lyon County, S23,T99N,R48W, 5 mi SSW of Larchwood.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR-county voluntary beach monitoring program from 2004-06.	High
5b	5a	IA 06-BSR-0029_0	Sixmile Creek	mouth (S28,T94N, R48W, Sioux Co.) to confluence with unnamed tributary in S19, T95N, R46W, Sioux Co.	N	aquatic life	biological	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2000;	Low
5p	5a	IA 06-BSR-0029_0	Sixmile Creek	mouth (S28,T94N, R48W, Sioux Co.) to confluence with unnamed tributary in S19, T95N, R46W, Sioux Co.	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low
5b	5b	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.	N	aquatic life	biological: fish kill: ammonia/low DO	Fish kill in 2002; caused by animal waste; no source identified.	IDNR fish kill investigation	Low

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5a	5b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5b	5b	IA 06-BSR-0035_0	Dry Creek	mouth (T94N R48W Sec4 Sioux Co.) to headwaters (T97N R45W Sec32) Sioux Co.	N	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
5b	5b	IA 06-BSR-0035_0	Dry Creek	mouth (T94N R48W Sec4 Sioux Co.) to headwaters (T97N R45W Sec32) Sioux Co.	N	aquatic life	biological: fish kill: low DO	Fish kill in September 2003; cause unknown, possibly low DO.	IDNR fish kill investigation	Medium
5a	2b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low
5p	1	IA 06-BSR-0040_2	Rock River	from confluence with Kanaranzi Cr. (S28, T100N, R45W, Lyon Co.) to the IA/MN state line	Y	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-04.	Low
5a	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low

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5p	1	IA 06-BSR-0060_3	Little Rock River	from confluence with Argo Slough (S17, T99N, R43W, Lyon Co.) to the Iowa/Minnesota state line	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-03.	Low
5b	5b	IA 06-BSR-0065_0	Unnamed Tributary to Little Rock River	mouth (T98N R44W Sec7 NE) to headwaters (T99N R44W Sec23 SE) Lyon Co	N	aquatic life	biological: fish kill: ammonia	Fish kill in August 2005; source of elevated ammonia not identified.	IDNR fish kill investigation	Low
5b	5b	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.	N	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	IA 06-BSR-0072_0	Otter Creek	from confluence with unnamed tributary (S14, T99N, R42 W, Osceola Co.) to the Iowa/Minnesota state line	N	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	5b	IA 06-BSR-0080_0	Mud Creek	mouth (S26, T98N, R46W, Lyon Co.) to the IA-MN state line	N	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
5b	5b	IA 06-BSR-0080_0	Mud Creek	mouth (S26, T98N, R46W, Lyon Co.) to the IA-MN state line	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004 and 2005.	Low

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5p	5b	IA 06-BSR-0080_0	Mud Creek	mouth (S26, T98N, R46W, Lyon Co.) to the IA-MN state line	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL TMDL-related water quality monitoring in 2002-04.	Low
5a	5a	IA 06-FLO-0010_0	Floyd River	mouth to West Branch Floyd R. in S2, T91N, R46W, Plymouth Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2003 and 2006.	Low
5b	5b	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.	N	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
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2001.	Low

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5b	5b	IA 06-FLO-0065_0	Willow Creek	from tributary in NE 1/4, S11, T93N, R44W, Plymouth Co. to headwaters.	N	aquatic life	biological: fish kill: ammonia/low DO	Fish kill in September 2003; caused by animal waste.	IDNR fish kill investigation	Low
5b	3a	IA 06-FLO-0070_0	Deep Creek	mouth to unnamed tributary in S35,T94N,R43W Sioux Co.	Y	aquatic life	biological: fish kill: cause unknown	Fish kill in August 2007; caused by runoff from dairy farm.	IDNR fish kill investigation	Low
5b	3a	IA 06-FLO-0070_0	Deep Creek	mouth to unnamed tributary in S35,T94N,R43W Sioux Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2006.	Low
5a	2a	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	2a	IA 06-LSR-00250-L_0	Little Sioux Park Lake	Woodbury County, S12,T89N,R42W, 2 mi SSW of Correctionville	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	2a	IA 06-LSR-00250-L_0	Little Sioux Park Lake	Woodbury County, S12,T89N,R42W, 2 mi SSW of Correctionville	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

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5a	5a	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.	N	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	2a	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.	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	2a	IA 06-LSR-0040_1	Little Sioux River	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5a	3b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5b	5b	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	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2003.	Low
5a	3b	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.	Y	primary contact recreation	bacteria	geometric mean >> WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low

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5a	2a	IA 06-LSR-00790-L_0	Crawford Creek Impoundment	Ida County, S10,T86N,R41W, 2.5 mi. S of Battle Creek.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	2a	IA 06-LSR-00805-L_0	Moorehead Park Pond	Ida County, S10,T87N,R39W, 0.5 mi N of Ida Grove	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5b	3b	IA 06-LSR-0101_0	Odebolt Creek	from unnamed tributary in T87N R39W S24 to headwaters in Sac County.	Y	aquatic life	biological: fish kill: ammonia	Fish kill in August 2006 caused by runoff of animal waste.	IDNR fish kill investigation	Low
5p	1	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5b	3a	IA 06-LSR-0120_2	West Fork Little Sioux River	from confluence with unnamed tributary near Climbing Hill (S16, T87N, R44W, Woodbury Co.) to confluence with Mud Cr. in S31, T89N, R44W, Woodbury Co.	Y	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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5b	3a	IA 06-LSR-0125_0	New Farmer Ditch (AKA Garretson Outlet Ditch)	from mouth (T84N R45W Sec12) to headwaters (T85N R45W Sec5) Monona Co.	Y	aquatic life	biological: fish kill: pesticides	Fish kill in August 2007 caused by herbicides applied to control vegetation in the ditch.	IDNR fish kill investigation	Low
5b	5b	IA 06-LSR-0131_0	West Fork Little Sioux River	confluence with unnamed tributary in S3, T91N, R42W, Cherokee Co. to headwaters	N	aquatic life	biological: fish kill: cause unknown	fish kill in 2004, potentially pollutant (animal waste) related	IDNR fish kill investigation	Low
5b	5b	IA 06-LSR-0143_0	Johns Creek	mouth (S24, T90N, R44W, Plymouth Co.) to confluence with Rathburn Cr. in S26, T91N, R44W, Plymouth Co.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	High
5b	1	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.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	High
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological monitoring in 2002 (REMAP) and 2005 (biocriteria).	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2002.	Low

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5b	5b	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.	N	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	3a	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.)	Y	aquatic life	biological: fish kill: ammonia/low DO	Fish kills in September 2001 and September 2002; caused by animal waste.	IDNR fish kill investigations.	Medium
5a	5a	IA 06-LSR-02390-L_0	Lost Island Lake	Palo Alto County, S31, T97N, R34W, 3 mi N of Ruthven.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5p	3b	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.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low
5b	3a	IA 06-LSR-0270_0	Stony Creek	mouth to unnamed tributary in S27, T98N, R38W Dickinson Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	Low
5b	3a	IA 06-LSR-0271_0	Stony Creek	from unnamed tributary in S27, T98N, R38W Dickinson Co. to Stony Lake	Y	aquatic life	biological: fish kill: ammonia and low DO	Fish kill in August 2006 caused by runoff of animal waste.	IDNR fish kill investigation	Low

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5a	5a	IA 06-LSR-02840-L_2	West Okoboji Lake: Emersons Bay	southwestern bay of West Okoboji Lake, in Sections 25, 26, 35, 36, T99N, R37W, Dickinson Co.	N	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Low
5a	2a	IA 06-LSR-02850-L_0	Big Spirit Lake	Dickinson County, S33,T100N,R36W, at Spirit Lake	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL beach monitoring, 2004-2006	Low
5a	2a	IA 06-LSR-02890-L_0	Center Lake	Dickinson County, S7,T99N,R36W, 2 mi WSW of Spirit Lake.	Y	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	2a	IA 06-LSR-02890-L_0	Center Lake	Dickinson County, S7,T99N,R36W, 2 mi WSW of Spirit Lake.	Y	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5b	5a	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2001.	Low
5a	5a	IA 06-LSR-03105-L_0	Silver Lake	Dickinson County, S28,T100N,R38W, near Lake Park.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High
5p	2a	IA 06-SOL-0010_1	Soldier River	mouth (S17, T80N, R45W, Harrison Co.) to confluence with Jordan Cr. in S16, T82N, R43W, Monona Co.	Y	primary contact recreation	bacteria	geometric mean > WQ criterion	IDNR/UHL ambient monthly monitoring, 2004-06.	Low

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5b	3a	IA 06-WED-0003_2	Plum Creek	from west city limit of Thurman to unnamed tributary in S29,T70N,R42W, Fremont Co.	Y	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2005.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2001.	Low
5b	5b	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.	N	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	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2000.	Low
5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (biocriteria) monitoring in 2000.	Low

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5b	5b	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.	N	aquatic life	biological: unknown impact on fish / aquatic macro-invertebrates	low biotic index	IDNR/UHL biological (REMAP) monitoring in 2004.	Low
5a	5a	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County, S29,T77N,R41W, 1.5 mi SE of Neola	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County, S29,T77N,R41W, 1.5 mi SE of Neola	N	aquatic life	biological: fish kills attributed to organic enrichment/low DO	Fish kill in July 2005.	IDNR fish kill investigations.	Medium
5a	5a	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County, S29,T77N,R41W, 1.5 mi SE of Neola	N	primary contact recreation	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County, S29,T77N,R41W, 1.5 mi SE of Neola	N	aquatic life	pH	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	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.	N	drinking water	arsenic	multiple violations of human health criteria	USGS NASQAN ambient WQ monitoring, 2004-06	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	5a	IA 06-WEM-00235-L_0	Lake Manawa	Pottawattamie County, S13,T74N,R44W, S edge Council Bluffs	N	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 06-WEM-00235-L_0	Lake Manawa	Pottawattamie County, S13,T74N,R44W, S edge Council Bluffs	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Medium
5a	5a	IA 06-WEM-00265-L_0	Carter Lake	Pottawattamie County, S23,T75N,R44W, at Carter Lake.	N	human health (fish consumption)	PCBs (in fish)	Issuance of a fish consumption advisory by Nebraska DEQ.	Nebraska DEQ	Low
5a	5a	IA 06-WEM-00265-L_0	Carter Lake	Pottawattamie County, S23,T75N,R44W, at Carter Lake.	Y	aquatic life	low DO	> 10% of samples violate WQ criteria	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 06-WEM-00340-L_0	Desoto Bend	Harrison County, S21,T78N,R45W, 5 mi. W of Missouri Valley.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low
5a	5a	IA 06-WEM-00340-L_0	Desoto Bend	Harrison County, S21,T78N,R45W, 5 mi. W of Missouri Valley.	Y	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	Low

2008 IR Cat.	2006 IR Cat.	ADB Code	Waterbody Name	Location Description	New 303(d) listing?	Des. Use Impaired	Cause of 2008 303(d) listing	Rationale for 303(d) listing	Data Source	TMDL Priority
5a	5a	IA 06-WEM-00485-L_0	Browns Lake	Woodbury County, S32,T87N,R47W, 2 mi W of Salix.	N	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	ISU statewide lakes survey, 2002-06 & UHL ambient lake monitoring, 2005-06	High

5a 297

5b 206

5p 83

Total 586

TOTAL No. of new
impairments for 2008: 271