

Summary of all Iowa waters assessed as "impaired" for the 2008 Section 303(d) listing cycle.

Waters are listed alphabetically.

Category 4 waters: water is threatened or impaired but a TMDL is not needed.**Category 4a:** at least one use is impaired, but a TMDL has been completed and approved**Category 4b:** at least one use is impaired, but other required control measures are expected to result in attainment of Standards**Category 4c:** at least one use impaired, but the impairment is not caused by a "pollutant."**Category 4d:** water is impaired by a fish kill but enforcement actions have been taken against responsible party**Category 5 waters:** impaired by a pollutant and in need of a TMDL (i.e., the state's Section 303(d) list)**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.**Impairment magnitudes:****slight:** monitoring suggests relatively low levels of indicator bacteria; additional monitoring may show "full support."**slight to moderate:** designated use assessed as "partially supporting"; slightly to moderately high pollutant levels; intermediate biotic integrity.**moderate:** monitoring results suggest moderately high levels of indicator bacteria; future impairment likely.**strong:** designated use assessed as "not supporting"; monitoring suggests very high levels of bacteria, algae, and/or turbidity; poor biotic integrity.**unknown:** impairment based on assessment from an adjacent state.

2008 IR Cat.	ADB Code (linked to assessment database, ADBNet)	Waterbody Name	Location Description	Water-body Type	Designated Use Impaired	Cause of 2008 impairment	Rationale for assessment	Priority for TMDL Development	Impairment Magnitude
4c	IA 02-ICM-00145-L 0	Allen Green Refuge Marsh	Des Moines County S29T72NR1W 8 mi. E of Mediapolis.	Wetland	aquatic life	habitat alterations	drainage ditch de-watering wetland	TMDL not required	slight to moderate
4a	IA 03-NSK-00330-L 0	Arbor Lake	Poweshiek County S20T80NR16W W edge of Grinnell	Lake	aquatic life	pH	> 10% of samples violate pH criteria	TMDL completed & approved	slight to moderate
4a	IA 03-NSK-00330-L 0	Arbor Lake	Poweshiek County S20T80NR16W W edge of Grinnell	Lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: chl-a trophic state index > 65; also, > 10% of samples violate pH criteria.	TMDL completed & approved	slight to moderate

4a	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County, S29,T77N,R41W, 1.5 mi SE of Neola	lake	aquatic life	siltation	Excessive siltation impairing aquatic life uses.	TMDL completed & approved	slight to moderate
5a	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County, S29,T77N,R41W, 1.5 mi SE of Neola	lake	aquatic life	fish kill, pH	Fish kill in July 2005; >10% of samples violate pH criterion.	Medium	slight to moderate
5a	IA 06-WED-00270-L_0	Arrowhead Pond	Pottawattamie County, S29,T77N,R41W, 1.5 mi SE of Neola	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH criterion.	Medium	strong
5p	IA 06-LSR-01495_0	Ashton Creek	From tributary(T89N R41W Sec3) to headwaters (T88N R41W Sec2), Ida Co.	river	aquatic life	low IBI	Low biotic index for a headwater stream combined with data suggesting low DO	Low	strong
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	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
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	lake	primary contact recreation	algae, pH, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; > 10% of samples violate pH WQ criterion.	Medium	slight to moderate
5a	IA 01-MAQ-0090-L_0	Backbone Lake	Backbone Lake Dam to S Fk Maquoketa R. (S16, T90N, R6W, Delaware Co.)	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Medium	strong
4a	IA 04-LDM-03080-L_0	Badger Creek Lake	Madison County S11T77NR27W 9 mi. E of Earlham.	Lake	aquatic life	pH	> 10% of samples violate WQ criteria	TMDL completed & approved	slight to moderate

4a	IA 04-LDM-03080-L_0	Badger Creek Lake	Madison County S11T77NR27W 9 mi. E of Earlham.	Lake	primary contact recreation	algae, pH, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; also, >10% samples violate pH criteria	TMDL completed & approved	strong
4c	IA 06-WEM-00450-L_0	Badger Lake	Monona County S29T85NR46W 4 mi. WNW of Whiting.	Wetland	aquatic life	habitat alterations	dewatering related to river channel degradation following navigation development	TMDL not required	strong
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5b	IA 03-SSK-0057_0	Ballard Creek	mouth to unnamed tributary in S15, T82N, R24W, Story Co.	river	aquatic life	fish kill	Fish kill in August 2002 caused by animal waste.	Low	slight to moderate
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.	river	aquatic life	fish kill	fish kills in 2002, 2004, and 2005; all caused by animal waste	Low	slight to moderate
5b	IA 01-NMQ-0141_0	Bear Creek	confluence with unnamed tributary (T89N R3W Sec2 NW) to headwaters (T90N R4W Sec26), Delaware Co.	river	aquatic life	fish kill	fish kills in 2004 and 2005; both caused by animal waste	Low	slight to moderate
5p	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.	river	primary contact	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	fish kill	runoff-related fish kill in 1999; no cause or source identified	High	slight to moderate

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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	IA 04-LDM-0350_0	Bear Creek	mouth (T72N R14W Sec23) to headwaters (T71N R15W Sec7) Wapello Co.	river	aquatic life	low IBI	Low biotic index for a headwater stream combined with data suggesting low DO	Low	slight to moderate
5p	IA 01-UIA-0420_1	Beaver Creek	mouth (S19, T100N, R12W, Howard Co.) to south line of S29, T100N, R13W, Howard Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5b	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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	IA 02-WIN-0081_0	Beaver Creek	from confluence with DD54 in T98N R23W S25 Winnebago Co. to outlet structure at Rice Lake T99N R22W S19 Worth Co.	river	aquatic life	low IBI	Low biotic index for a headwater stream combined with data suggesting low DO	Low	strong
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 04-RAC-01750-L_0	Beaver Lake	Dallas County, S20,T78N,R29W, 1.5 mi. N of Dexter.	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Medium	slight to moderate

5a	IA 02-WFC-0090-L_0	Beeds Lake	Franklin County, S20,T92N,R20W, 2 mi W, 1 mi N of Hampton	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	High	strong
4a	IA 02-WFC-0090-L_0	Beeds Lake	Franklin County, S20,T92N,R20W, 2 mi W, 1 mi N of Hampton	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	strong
4d	IA 03-SKU-0080_1	Big Creek	mo to Saunders Br S17T71NR6W Henry Co.	River	aquatic life	fish kill	fish kill in December 2002 caused by runoff of land-applied manure	TMDL not required	slight to moderate
5a	IA 04-UDM-0140-L_0	Big Creek Lake	Polk County, S22,T81N,R25W, near Polk City	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	High	slight
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.	river	aquatic life	fish kill	Fish kill in 2002 caused by unknown toxicity.	Low	slight to moderate
4a	IA 06-BSR-0010_4	Big Sioux River	from confluence with Indian Cr. (S9 T93N R48W Plymouth Co.) to confluence with Rock R. in S1 T95N R48W Sioux Co.	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	strong
4a	IA 06-BSR-0020_2	Big Sioux River	from confluence with Beaver Cr near Canton SD (S36 T98N R49W Lyon Co.) to confluence with Ninemile Cr. in S25 T100N R49W Lyon Co.	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	strong
5a	IA 06-LSR-02850-L_0	Big Spirit Lake	Dickinson County, S33,T100N,R36W, at Spirit Lake	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
4c	IA 02-IOW-00860-L_0	Big Wall Lake	Wright County S14T90NR24W 8 mi WSW of Dows.	Wetland	aquatic life	habitat alterations	Water level stabilization problems.	TMDL not required	slight to moderate

4c	IA 05-NOD-00415-L_0	Binder Lake	Adams County S25T72NR34W 1 mile NE of Corning.	Lake	aquatic life	habitat alterations	adverse impacts of common carp on habitat quality; also yellow bass impacts	TMDL not required	slight to moderate
4a	IA 05-NOD-00415-L_0	Binder Lake	Adams County S25T72NR34W 1 mile NE of Corning.	Lake	aquatic life	siltation	Excessive siltation impairing aquatic life uses.	TMDL completed & approved	slight to moderate
4a	IA 02-CED-0370_1	Black Hawk Creek	mouth (S22 T89N R13W Black Hawk Co.) to Hwy 58 in E 1/2 S27 T88N R14W Black Hawk Co.)	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong
5a	IA 04-RAC-00475-L_0	Black Hawk Lake	Sac County, S35,T87N,R36W, at Lake View.	lake	primary contact recreation	algae, bacteria, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; E. coli geometric mean > WQ criterion	High	strong
4c	IA 04-RAC-00477-L_0	Black Hawk Wildlife Area	Sac County S9T86NR36W 2 mi S of Lake View.	Wetland	aquatic life	habitat alterations	Infestation of purple loosestrife impairs wetland habitat.	TMDL not required	slight to moderate

4c	IA 06-WEM-00420-L_0	Blencoe Lake	Monona County S31T82NR45W 5 mi. SW of Blencoe	Wetland	aquatic life	habitat alterations	dewatering related to river channel degradation following navigation development	TMDL not required	strong
4a	IA 06-WEM-00445-L_0	Blue Lake (aka Lewis And Clark Lake)	Monona County S35T84NR46W 2 mi. W of Onawa.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
4d	IA 05-NSH-0067_0	Bluegrass Creek	mo to trib S34T80NR35W Audubon Co.	River	aquatic life	fish kill	Fish kill in 2004 caused by municipal wastewater discharge.	TMDL not required	slight to moderate
5a	IA 05-CHA-00690-L_0	Bob White Lake	Wayne County, S4,T68N,R22W, 1 mi W of Allerton.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
4a	IA 05-CHA-00690-L_0	Bob White Lake	Wayne County, S4,T68N,R22W, 1 mi W of Allerton.	lake	aquatic life	siltation	Excessive siltation impairing aquatic life uses.	TMDL completed & approved	strong
5a	IA 04-UDM-0180_1	Boone River	mouth (Webster Co.) to Hwy 17 in S18, T88N, R25W, Hamilton Co.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	IA 06-BOY-0020_1	Boyer River	from confluence with Willow Cr. (S28, T78N, R44W, Harrison Co.) to the Harrison-Crawford county line.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5b	IA 04-UDM-01880-L_0	Briggs Woods Lake	Hamilton County, S17,T88N,R25W near Webster City.	lake	aquatic life	fish kill	fish kill in 2005, attributed to low dissolved oxygen and excessive macrophytes	High	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4d	IA 04-UDM-0400_0	Brown Creek	mouth (NW 1/4 S24 T99N R34W Emmet Co.) to IA/MN state line.	River	aquatic life	fish kill	Fish kills in 1998 and 2002 caused by animal waste.	TMDL not required	slight to moderate
5a	IA 06-WEM-00485-L_0	Browns Lake	Woodbury County, S32,T87N,R47W, 2 mi W of Salix.	lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	High	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	fish kill	Fish kills in December 2005 caused by animal waste.	High	slight to moderate
5b	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.	river	aquatic life	fish kill	Fish kills in December 2005 caused by animal waste.	High	slight to moderate
5b	IA 01-MAQ-0210_0	Buck Creek	mouth (S11, T87N, R4W, Delaware Co.) to Golden Branch in S11, T87N, R5W, Delaware Co.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
5b	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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
5b	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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate

5b	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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
5p	IA 04-UDM-0247_0	Buttermilk Creek	mouth (T92N, R26W, Sec 33) to headwaters (T92N, R26W, Sec 34), Wright County	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 02-WIN-0050_0	Calmus Creek	mouth (S34, T97N, R20W, Cerro Gordo Co.) to west line S30, T97N, R20W, Cerro Gordo Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

4a	IA 04-LDM-0228_0	Camp Creek	mouth (S7 T77N R21W Marion Co.) to confluence with unnamed tributary in S14 T79N R22W Polk Co.	River	aquatic life	low IBI	low biotic index	TMDL completed & approved	slight to moderate
5p	IA 01-UIA-0240_1	Canoe Creek	mouth (S25, T99N, R7W, Winneshiek Co.) to county road W38 (S23, T99N, R8W, Winneshiek Co.).	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 06-WEM-00265-L_0	Carter Lake	Pottawattamie County, S23,T75N,R44W, at Carter Lake.	lake	aquatic life	low DO	> 10% of samples violate WQ criteria	Low	slight to moderate
4a	IA 06-WEM-00265-L_0	Carter Lake	Pottawattamie County, S23,T75N,R44W, at Carter Lake.	lake	primary contact recreation, aquatic life	algae, turbidity	aesthetically objectionable conditions: Chl-a and Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
5a	IA 06-WEM-00265-L_0	Carter Lake	Pottawattamie County, S23,T75N,R44W, at Carter Lake.	lake	human health (fish consumption)	PCBs (in fish)	Issuance of a fish consumption advisory by Nebraska DEQ.	Low	slight to moderate
5a	IA 02-CED-03060-L_0	Casey Lake (aka Hickory Hills Lake)	Tama County, S13,T86N,R13W, 6 mi N of Dysart.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	High	slight to moderate
5a	IA 02-CED-03060-L_0	Casey Lake (aka Hickory Hills Lake)	Tama County, S13,T86N,R13W, 6 mi N of Dysart.	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH criterion.	High	slight to moderate
5a	IA 02-CED-00210-L_0	Cedar Bend Lake	Linn Co., S35, T83N, R7W; at Cedar Rapids	lake	human health (fish consumption)	PCBs (in fish)	issuance of a 1 meal per week fish consumption advisory in 2008	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight

5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 04-LDM-0170_0	Cedar Creek	from N. Cedar Cr. To confluence with Mormon Br. S5, T71N, R18W, Monroe Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	IA 02-CED-02250-L_0	Cedar Lake	Linn County, S21, T83N, R7W, in Cedar Rapids.	lake	human health (fish consumption)	PCBs (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate
4a	IA 02-CED-02250-L_0	Cedar Lake	Linn County, S21, T83N, R7W, in Cedar Rapids.	lake	human health (fish consumption)	chlordan (in fish)	issuance of a fish consumption advisory in 1986	TMDL completed & approved	slight to moderate
5a	IA 04-LDM-03085-L_0	Cedar Lake	Madison County, S19, T76N, R27W near Winterset.	lake	drinking water	atrazine	average levels > atrazine MCL (3 ppb)	Medium	strong
5a	IA 04-LDM-03085-L_0	Cedar Lake	Madison County, S19, T76N, R27W near Winterset.	lake	drinking water	nitrate	Notice of violation in finished water	TMDL completed & approved	strong
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	High	slight
5b	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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	High	slight
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	High	slight

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).	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	High	slight
4a	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).	river	drinking water	nitrate	> 10% of samples exceed MCL (10 mg/l)	TMDL completed & approved	slight to moderate
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
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.)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	High	slight
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.)	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Medium	slight

5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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.)	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.)	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	High	slight
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.)	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate
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.)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	High	slight
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.)	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate

5b	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.)	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
5a	IA 06-LSR-02890-L_0	Center Lake	Dickinson County, S7,T99N,R36W, 2 mi WSW of Spirit Lake.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	IA 06-LSR-02890-L_0	Center Lake	Dickinson County, S7,T99N,R36W, 2 mi WSW of Spirit Lake.	lake	primary contact recreation	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County, S1,T84N,R3W, 6 mi E of Anamosa.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Low	slight to moderate
5a	IA 01-MAQ-01580-L_0	Central Park Lake	Jones County, S1,T84N,R3W, 6 mi E of Anamosa.	lake	primary contact recreation	algae, pH, bacteria	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH WQ criterion; E. coli geometric mean > WQ criterion.	Low	strong
5p	IA 05-CHA-00302_0	Chariton Creek	mouth (S19, T71N, R23W, Lucas Co.) to headwaters	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5p	IA 05-CHA-0030_1	Chariton River	from upper end of Rathbun Lake to Hwy 14 at Chariton, Lucas Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 05-CHA-0030_1	Chariton River	from upper end of Rathbun Lake to Hwy 14 at Chariton, Lucas Co.	river	aquatic life	low DO	> 10% of samples violate WQ criteria	Low	slight to moderate
5b	IA 05-CHA-0030_2	Chariton River	from Hwy 14 (Lucas Co.) to confluence with Chariton Cr. in S19, T71N, R23W, Lucas Co.	river	aquatic life	low IBI	low biotic index	Low	strong

5p	IA 05-CHA-00301_0	Chariton River	from confluence with Chariton Creek (S19, T71N, R23W, Lucas Co.) to headwaters	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5p	IA 01-UIA-0150_0	Clear Creek	mouth (S35, T100N, R5W, Allamakee Co.) to north line of S15, T100N, R5W, Allamakee Co.	river	primary contact	bacteria	geometric mean >> WQ criterion	Low	strong
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.)	river	general use	sewage	violation of narrative criteria: aesthetically objectionable conditions	High	strong
4a	IA 02-WIN-00450-L_0	Clear Lake	Cerro Gordo County, S13,T96N,R22W, at Clear Lake.	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5a	IA 02-WIN-00450-L_0	Clear Lake	Cerro Gordo County, S13,T96N,R22W, at Clear Lake.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Medium	strong
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.	river	aquatic life	fish kill	Fish kill in September 2003 caused by animal waste.	Low	slight to moderate
5a	IA 05-NSH-00310-L_0	Cold Springs Lake	Cass County, S15,T75N,R37W, 1 mi S of Lewis.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	IA 05-NSH-00310-L_0	Cold Springs Lake	Cass County, S15,T75N,R37W, 1 mi S of Lewis.	lake	primary contact recreation	algae, pH, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; > 10% of samples violate pH WQ criterion.	Medium	slight to moderate
5b	IA 01-NEM-0081_0	Conduit Creek	mouth (T78N R05E Sec8) to headwaters (T79N R05E Sec30) Scott Co.	river	aquatic life	fish kill	fish kill in August 2006.	Low	slight to moderate

5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5b	IA 05-CHA-0040_0	Cooper Creek	mouth to trib S9,T68N,R19W Appanoose Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	IA 02-IOW-0040-L_0	Coralville Reservoir	Johnson County, S22,T80N,R6W (dam), 3 mi N of Iowa City.	lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	Low	slight to moderate
4a	IA 05-CHA-00620-L_0	Corydon Reservoir	Wayne County S24T69NR22W at Corydon.	Lake	drinking water	atrazine	average levels > atrazine MCL (3 ppb)	TMDL completed & approved	strong
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.	river	aquatic life	low IBI	low biotic index	Low	strong
5b	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.	river	aquatic life	low IBI	low biotic index	Medium	slight to moderate
4d	IA 01-WPS-0180_1	Crane Creek	mouth (S26 T90N R11W Black Hawk Co. to confluence with unnamed tributary in NW 1/4 S24 T90N R12W Black Hawk Co.	River	aquatic life	fish kill	Fish kill in August 2005 caused by accidental release of nitrogen fertilizer.	TMDL not required	slight to moderate
5a	IA 06-LSR-00790-L_0	Crawford Creek Impoundment	Ida County, S10,T86N,R41W, 2.5 mi. S of Battle Creek.	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Medium	slight to moderate
5b	IA 03-SKU-0116_0	Crow Creek	from tributary(T72N R9W 31) to headwaters (T72N R10W Sec11); Jefferson Co. near Fairfield	river	general use	fish kill	Fish kill in September 2007 caused by discharge of fertilizer and pesticides.	Low	slight to moderate

5a	IA 02-IOW-04095-L 0	Crystal Lake	Hancock County, S15,T97N,R25W, at Crystal Lake.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Medium	slight
4a	IA 02-IOW-04095-L 0	Crystal Lake	Hancock County, S15,T97N,R25W, at Crystal Lake.	lake	aquatic life	organic enrichment: nutrients	high nutrient levels impairing aquatic life use	TMDL completed & approved	strong
5b	IA 05-NSH-0063 0	Davids Creek	mouth (S4, T79N, R35W, Audubon Co.) to Honey Cr. in S31, T79N, R34W, Audubon Co.	river	aquatic life	fish kill	Fish kill in 2004 caused by animal waste	Low	slight to moderate
5b	IA 06-FLO-0070 0	Deep Creek	mouth to unnamed tributary in S35,T94N,R43W Sioux Co.	river	aquatic life	fish kill, low IBI	Fish kill in August 2007; caused by runoff from dairy farm; low biotic index.	Low	slight to moderate
5p	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.)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5b	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.	river	aquatic life	fish kill	Fish kills, primarily of shovelnose sturgeon; most recently in 2002 and 2006.	Low	slight to moderate
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.	river	aquatic life	fish kill	Fish kills, primarily of shovelnose sturgeon; most recently in 2002 and 2006.	Low	slight to moderate
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight

5b	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.	river	aquatic life	fish kill	Fish kills, primarily of shovelnose sturgeon; most recently in 2002 and 2006.	Low	slight to moderate
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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
4c	IA 04-LDM-0020_3	Des Moines River	from confluence with Cedar Cr. (S33 T75N R17W Mahaska Co.) to dam of Red Rock Reservoir in S19 T76N R18W Marion Co.	River	aquatic life	fish kill	Reoccurring fish kill in Red Rock Dam tailwater	TMDL not required	strong
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed; awaiting approval	slight
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed; awaiting approval	slight
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed; awaiting approval	slight
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed; awaiting approval	slight
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed; awaiting approval	slight
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.	river	drinking water	nitrate	> 10% of samples violate nitrate MCL (10 ppm)	TMDL completed & approved	slight to moderate

5a	IA 04-UDM-0030_1	Des Moines River	from upper end of Saylorville Reservoir to Fraser Dam in S34, T85N, R27W, Boone Co.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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)	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
4d	IA 04-UDM-0100_3	Des Moines River	from confluence with Jack Cr. (S35 T97N R33W Palo Alto Co.) to confluence with Drainage Ditch No. 151 at N line S6 T98N R33W Emmet Co.	River	aquatic life	fish kill	Fish kills in 1998 and 2002 caused by animal waste.	TMDL not required	slight to moderate
4d	IA 04-UDM-0100_4	Des Moines River	from confluence Drainage Ditch No. 151 (N line S6 T98N R33W Emmet Co.) to confluence with School Cr. at Estherville in S15 T99N R34W Emmet Co.	River	aquatic life	fish kill	Fish kills in 1998 and 2002 caused by animal waste.	TMDL not required	slight to moderate
5a	IA 06-WEM-00340-L_0	Desoto Bend	Harrison County, S21,T78N,R45W, 5 mi. W of Missouri Valley.	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	Low	slight to moderate

5b	IA 05-CHA-0067_0	Dick Creek	mouth to trib S18,T69N,R22W Wayne Co.	river	aquatic life	low IBI	low biotic index	High	strong
4a	IA 04-UDM-01650-L_0	Don Williams Lake	Boone County S5T84NR27W 5 mi. N of Ogden.	Lake	aquatic life	organic enrichment, siltation	nutrient and siltation impairing aquatic life uses	TMDL completed & approved	slight to moderate
5p	IA 01-YEL-0090_0	Dousman Creek	mouth (S33, T96N, R3W, Allamakee Co.) to Allamakee-Clayton county line.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 01-YEL-0090_0	Dousman Creek	mouth (S33, T96N, R3W, Allamakee Co.) to Allamakee-Clayton county line.	river	aquatic life	low DO	> 10% of samples violate WQ criteria	High	slight to moderate
4d	IA 01-TRK-0419_0	Dry Branch	confluence with unnamed tributary in the N 1/2 S4 T95N R8W Fayette Co. to headwaters	River	aquatic life	fish kill	Fish kill in May 2004 caused by fertilizer spill.	TMDL not required	slight to moderate
5p	IA 02-CED-0217_0	Dry Creek	mouth (S1, T83N, R7W, Linn Co.) to confluence with unnamed tributary in S15, T84N, R7W, Linn Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 06-BSR-0035_0	Dry Creek	mouth (T94N R48W Sec4 Sioux Co.) to headwaters (T97N R45W Sec32) Sioux Co.	river	aquatic life	fish kill, low IBI	Fish kill in September 2003; cause unknown, possibly low DO; low biotic index.	Medium	slight to moderate
5p	IA 01-UIA-0320_0	Dry Run	mouth (S17, T98N, R8W, Winneshiek Co.) to west line of S36, T98N, R9W, Winneshiek Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	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	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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	river	aquatic life	low IBI	low biotic index	High	slight to moderate
5a	IA 01-NEM-0060_1	Duck Creek	mouth (S27, T78N, R4E, Scott Co.) to County Road (Sec 16-21, T78N R3E Scott Co.).	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong

5p	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.)	river	primary contact recreation (presumptive)	bacteria	geometric mean > WQ criterion	Low	strong
5b	IA 02-CED-0234_0	East Branch Blue Creek	confluence with Blue Creek (T85N R8W Sec7) to headwaters (T87N 8W Section 33)	river	aquatic life	fish kill	Fish kills in 2003 and 2004 (caused by nitrogen fertilizer released from ag. chem. dealer); fish kill in 2005; cause unknown.	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4a	IA 04-EDM-0010_1	East Fork Des Moines River	mouth (Humboldt Co.) to Hwy 169 at Devine Access in S26 T94N R29W Kossuth Co.	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
4a	IA 04-EDM-0010_2	East Fork Des Moines River	from Hwy 169 at Devine Access (S26 T94N R29W Kossuth Co.) to County Road B63 (130th) (S23 T94N R29W Kossuth Co)	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
4a	IA 04-EDM-0010_3	East Fork Des Moines River	from County Road B63 (aka 130th) (S23 T94N R29W Kossuth Co) to outfall of the Algona wastewater treatment plant (WWTP)	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
5b	IA 05-GRA-0030_0	East Fork Medicine Creek	IA/MO line to trib S24,T68N,R22W Wayne Co	river	aquatic life	low IBI	low biotic index	Medium	strong
4a	IA 04-LDM-02190-L_0	East Lake (Osceola)	Clarke County S16T72NR25W 0.5 mi E of Osceola.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong

5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 05-NSH-0020_2	East Nishnabotna River	from confluence with Fisher Cr. (S27, T69N, R40W, Fremont Co.) to Page/Montgomery county line	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5b	IA 01-UIA-0380_0	East Pine Creek	mouth (S28, T100N, R9W, Winneshiek Co.) to IA/MN state line	river	aquatic life	low IBI	low biotic index	High	slight to moderate
4a	IA 04-LDM-00490-L_0	Easter Lake	Polk County S19T78R23W SE edge of Des Moines.	Lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
4a	IA 04-LDM-00490-L_0	Easter Lake	Polk County S19T78R23W SE edge of Des Moines.	Lake	aquatic life	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
5a	IA 02-IOW-03830-L_0	Eldred Sherwood Lake	Hancock County, S21,T94N,R24W, 3 mi. NE of Goodell.	lake	primary contact recreation	algae, bacteria	aesthetically objectionable conditions: Chl-a trophic state index > 65; E. coli geometric mean > WQ criterion	Low	strong
5b	IA 06-BOY-0045_0	Elk Creek	mouth (T80N R43W Sec11 Harrison Co.) to headwaters (T81N R42W Sec7) Harrison Co.	river	aquatic life	fish kill	Fish kill in March 2007 caused by animal waste.	Low	slight to moderate

5b	IA 01-MAQ-0030_1	Elk River	mouth (Clinton Co.) to North Branch Elk River (S10, T83N, R6E, Clinton Co.)	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	IA 02-IOW-0100_1	English River	mouth (S12, T77N, R6W, Washington Co.) to confluence with Ramsey Cr. in S14, T77N, R8W, Washington Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
4a	IA 03-SKU-00955-L_0	Fairfield Municipal Reservoir2	Jefferson County SE 1/4S24T72NR10W near Fairfield.	Lake	aquatic life	siltation	IDNR identification of siltation impact	TMDL completed & approved	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
4a	IA 04-UDM-03850-L_0	Five Island Lake	Palo Alto County S18T96NR32W at Emmetsburg.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5p	IA 05-CHA-0077_0	Fivemile Creek	mouth (S35, T71N, R22W, Lucas Co.) to confluence with unnamed tributary in S29, T71N, R22W, Lucas Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
5p	IA 02-SHL-0021_0	Flood Creek	mouth (S27, T93N, R16W, Butler Co.) to confluence with Beaver Cr. in S36, T95N, R17W, Floyd Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 06-FLO-0010_0	Floyd River	mouth to West Branch Floyd R. in S2, T91N, R46W, Plymouth Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

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.	river	aquatic life	fish kill, low IBI	Five fish kills since 1997; two in 2002; one in 2003; low biotic index.	Low	slight to moderate
4d	IA 01-TRK-0330_0	Fountain Spring Creek (aka Odell Br.)	mouth (SE 1/4 S10 T90N R4W Delaware Co.) to west line of NW 1/4 S16 T90N R4W Delaware Co.	River	aquatic life	fish kill	Fish kill in May 2003 caused by runoff from open feedlot.	TMDL not required	slight to moderate
5b	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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	strong
5p	IA 01-UIA-0140_0	French Creek	mouth (S1, T99N, R5W, Allamakee Co.) to east line of S23, T99N, R5W, Allamakee Co.	river	primary contact	bacteria	geometric mean > WQ criterion	Low	moderate
5a	IA 01-VOL-00130-L_0	Frog Hollow (aka Volga Lake)	Fayette County, S3,T93N,R8W, 4 mi. NNE of Fayette.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	High	slight to moderate
5a	IA 01-VOL-00130-L_0	Frog Hollow (aka Volga Lake)	Fayette County, S3,T93N,R8W, 4 mi. NNE of Fayette.	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH criterion.	High	slight to moderate
5a	IA 03-SKU-00650-L_0	Geode Lake	Henry County, S36,T70N,R5W, 4 mi. SW of Danville.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	TMDL completed & approved	slight to moderate
5a	IA 03-SKU-00650-L_0	Geode Lake	Henry County, S36,T70N,R5W, 4 mi. SW of Danville.	lake	primary contact recreation	bacteria, pH	geometric mean > WQ criterion; > 10% of samples violate pH criterion.	TMDL completed & approved	strong

4a	IA 02-CED-00485-L_0	George Wyth Lake	Black Hawk County S6T89NR13W at N edge of Waterloo.	Lake	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	moderate
5a	IA 02-IOW-00660-L_0	Green Castle Lake	Marshall County, S8,T82N,R17W, 1 mi. S of Ferguson.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Low	slight to moderate
5a	IA 02-IOW-00660-L_0	Green Castle Lake	Marshall County, S8,T82N,R17W, 1 mi. S of Ferguson.	lake	primary contact recreation	pH	> 10% of samples violate WQ criteria	Low	slight to moderate
5a	IA 05-PLA-00295-L_0	Green Valley Lake	Union County, S26,T73N,R31W, 2.5 mi NW of Creston	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	High	slight to moderate
4c	IA 06-LSR-0108_0	Halfway Creek	mouth (S22 T89N R39W Ida Co.) to confluence with unnamed tributary in SE 1/4 S24 T89N R39W Ida Co.	River	aquatic life	habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	slight to moderate
5a	IA 02-IOW-01810-L_0	Hannen Lake	Benton County, S34,T82N,R11W, 4 mi SW of Blairstown.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	High	slight to moderate
5a	IA 02-IOW-01810-L_0	Hannen Lake	Benton County, S34,T82N,R11W, 4 mi SW of Blairstown.	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH criterion.	High	slight to moderate
5a	IA 03-NSK-00250-L_0	Hawthorn Lake	Mahaska County, S10,T77N,R14W, 1 mi S of Barnes City.	lake	aquatic life	turbidity	turbidity and siltation impairing aquatic life uses, especially recreational fishery.	Low	slight to moderate
5b	IA 01-YEL-0155_0	Hecker Creek (aka, unnamed Creek)	mouth (S17,T96N,R06W, Allamakee Co.) to headwaters (Allamakee Co.)	river	aquatic life	fish kill	Fish kill in March 2000.	High	slight to moderate

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	river	aquatic life	low IBI	low biotic index	High	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5a	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.	river	aquatic life	low DO	> 10% of samples violate WQ criteria	High	slight to moderate
5a	IA 03-SSK-00530-L_0	Hickory Grove Lake	Story County, S24,T83N,R22W, 2.5 mi SW of Colo.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	High	slight
5p	IA 02-CED-0385_0	Holland Creek	mouth (S35, T88N, R17W, Grundy Co.) to confluence with unnamed tributary in S29, T88N, R17W, Grundy Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 02-IOW-0093_0	Honey Creek	mouth (S1, T75N, R5W, Louisa Co.) to road crossing in S25, T76N, R5W, Louisa Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5p	IA 05-CHA-0068_0	Honey Creek	mouth (S26, T71N, R20W, Lucas Co.) to confluence with unnamed tributary in S10 ,T71N, R20W, Lucas Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 04-LDM-02718-L_0	Hooper Area Pond	Warren County, S26,T75N,R24W, 5 mi SSW of Indianola.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	High	slight to moderate
5a	IA 04-LDM-02718-L_0	Hooper Area Pond	Warren County, S26,T75N,R24W, 5 mi SSW of Indianola.	lake	primary contact recreation	pH	> 10% of samples violate WQ criteria	High	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

5p	IA 02-CED-0210_1	Indian Creek	mouth (S30, T83N, R6W, Linn Co.) to confluence with Dry Cr. in S1, T83N, R7W, Linn Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5p	IA 06-BSR-0027_0	Indian Creek	mouth to unnamed tributary in S33, T94N, R47W Sioux Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
4a	IA 04-LDM-00150-L_0	Indian Lake	Van Buren County S2T67NR8W 1 mi SW of Farmington.	Lake	aquatic life	pH	> 10% of samples violate WQ criteria	TMDL completed & approved	slight to moderate
4a	IA 04-LDM-00150-L_0	Indian Lake	Van Buren County S2T67NR8W 1 mi SW of Farmington.	Lake	primary contact recreation	noxious plants	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
4a	IA 04-UDM-03985-L_0	Ingham Lake	Emmet County S12T98NR33W 6 mi E of Wallingford.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5a	IA 02-IOW-01150-L_0	Iowa Lake	Iowa County, S19, T79N, R11W, 4 mi. NNW of Millersburg.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	IA 02-IOW-01150-L_0	Iowa Lake	Iowa County, S19, T79N, R11W, 4 mi. NNW of Millersburg.	lake	primary contact recreation	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight

5b	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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	IA 02-IOW-0020_1	Iowa River	from confluence with Cedar R. to Johnson-Washington Co. line	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 02-IOW-0020_1	Iowa River	from confluence with Cedar R. to Johnson-Washington Co. line	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
5b	IA 02-IOW-0020_2	Iowa River	Johnson/Washington county line to English R.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
5b	IA 02-IOW-0030_1	Iowa River	from confluence with English R. (Washington Co.) to Burlington Street Dam in Iowa City (Johnson Co.)	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Medium	slight to moderate
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight

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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 01-UIA-0130_0	Irish Hollow Creek	mouth (S21, T100N, R4W, Allamakee Co.) to north line of S17, T100N, R4W, Allamakee Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	IA 05-CHA-0063_0	Jackson Creek	mouth (S1, T70N, R21W, Wayne Co.) to confluence with unnamed tributary in S12, T68N, R21W, Wayne Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
5b	IA 01-NMQ-0111_0	Johns Creek	Confluence with Bakers Creek (T88N R2W Sec36 SE) to headwaters (T88N R2W Sec11) Dubuque Co	river	aquatic life	fish kill	fish kill in August 2005 possibly related to animal waste	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate

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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	IA 02-IOW-01630-L_0	Kent Park Lake	Johnson County, S24,T80N,R8W, 2.5 mi. W of Tiffin.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	IA 02-IOW-01630-L_0	Kent Park Lake	Johnson County, S24,T80N,R8W, 2.5 mi. W of Tiffin.	lake	primary contact recreation	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
4c	IA 01-NEM-00115-L_0	Klum Lake	Louisa County S25T75NR2W 2 mi. ESE of Grandview.	Wetland	aquatic life	habitat alterations	drainage ditch de-watering wetland	TMDL not required	slight to moderate
5a	IA 04-LDM-02615-L_0	Lake Ahquabi	Warren County, S14,T75N,R24W, 4 mi SSW of Indianola.	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	High	slight to moderate
4a	IA 04-UDM-02290-L_0	Lake Cornelia	Wright County S16T92NR24W at Cornelia.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong

5b	IA 04-RAC-0130_2	Lake Creek	east line S12,T86N,R34W to DD-65/9&13, Calhoun Co.	river	aquatic life	fish kill	Fish kills in July 2005 and August 2006 (2006 kill caused by animal waste).	Low	slight to moderate
5a	IA 03-SKU-01450-L_0	Lake Darling	Washington County, S21,T74N,R9W, 3 mi W of Brighton.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Medium	moderate
4a	IA 03-SKU-01450-L_0	Lake Darling	Washington County, S21,T74N,R9W, 3 mi W of Brighton.	lake	primary contact recreation, aquatic life	nutrients, siltation	High levels of nutrients and siltation impairing the lakes designated uses.	TMDL completed & approved	strong
5a	IA 01-WPS-00375-L_0	Lake Hendricks	Howard County, S19,T99N,R14W, 0.5 mi NE of Riceville.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	IA 01-WPS-00375-L_0	Lake Hendricks	Howard County, S19,T99N,R14W, 0.5 mi NE of Riceville.	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH criterion.	Medium	slight to moderate
5a	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County, S13,T75N,R15W, 4.5 mi E of Oskaloosa.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	High	slight to moderate
4a	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County, S13,T75N,R15W, 4.5 mi E of Oskaloosa.	lake	aquatic life	siltation	siltation impairing aquatic life uses	TMDL completed & approved	slight to moderate
5a	IA 03-SSK-00120-L_0	Lake Keomah	Mahaska County, S13,T75N,R15W, 4.5 mi E of Oskaloosa.	lake	primary contact recreation	algae, pH, bacteria	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH WQ criterion; E. coli geometric mean > WQ criterion.	High	strong

5a	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County, S29,T81N,R6W, 4 mi. W of Solon.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Low	slight to moderate
4a	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County, S29,T81N,R6W, 4 mi. W of Solon.	lake	primary contact recreation, aquatic life	nutrients, siltation	nutrients and siltation impairing primary contact and aquatic life uses	TMDL completed & approved	slight to moderate
5a	IA 02-IOW-00390-L_0	Lake MacBride	Johnson County, S29,T81N,R6W, 4 mi. W of Solon.	lake	primary contact recreation	bacteria, pH	geometric mean > WQ criterion; > 10% of samples violate pH criterion.	High	strong
5a	IA 06-WEM-00235-L_0	Lake Manawa	Pottawattamie County, S13,T74N,R44W, S edge Council Bluffs	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	Medium	strong
4a	IA 01-TRK-02245-L_0	Lake Meyer	Winneshiek County S34T97NR9W 3 mi SW of Calmar.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
4a	IA 04-LDM-00270-L_0	Lake Miami	Monroe County S20T73NR17W 5 mi. SE of Lovilia.	Lake	aquatic life	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
4a	IA 04-LDM-00270-L_0	Lake Miami	Monroe County S20T73NR17W 5 mi. SE of Lovilia.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5a	IA 01-NEM-00160-L_0	Lake Of The Hills	Scott County, S25,T78N,R2E, 1/4 mi W of Davenport	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 05-PLA-00335-L_0	Lake Of Three Fires	Taylor County, S12,T68N,R34W, 2 mi NNE of Bedford.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	High	moderate

4a	IA 05-PLA-00335-L_0	Lake Of Three Fires	Taylor County, S12,T68N,R34W, 2 mi NNE of Bedford.	lake	primary contact recreation	siltation	siltation impairing aquatic life uses	TMDL completed & approved	strong
5a	IA 06-BSR-00280-L_0	Lake Pahoja	Lyon County, S23,T99N,R48W, 5 mi SSW of Larchwood.	lake	primary contact recreation	algae, bacteria	aesthetically objectionable conditions: Chl-a trophic state index > 65; E. coli geometric mean > WQ criterion	High	strong
5b	IA 03-SSK-0056-L_0	Lake Patoka	Polk Co., T80N R22W Section 29 SE, East of Bondurant on Hwy 65	lake	aquatic life	fish kill	Fish kill in April 2005 caused by chlorine in city water discharged to lake following tank-leak test.	Medium	slight to moderate
4a	IA 04-EDM-00610-L_0	Lake Smith	Kossuth County S36T96NR29W 3 mi. N of Algona.	Lake	primary contact recreation	noxious plants	high levels of cyanobacteria	TMDL completed & approved	slight to moderate
5b	IA 04-RAC-01700_0	Lateral 6	from mouth (T92N R36W Sec17) to headwaters (T92N R37W Sec4), Buena Vista Co.	river	aquatic life	fish kill	Fish kill in August 2007 caused by spill from an industrial truck wash lagoon.	Low	slight to moderate
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	High	strong
5b	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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4c	IA 04-UDM-0124_0	Little Beaver Creek	mouth (S14 T81N R27W Dallas Co.) to confluence with unnamed tributary in S29 T82N R27W Boone Co.	River	aquatic life	low IBI, habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	slight to moderate

4c	IA 04-EDM-0100_0	Little Buffalo Creek (aka North Buffalo Cr.)	mouth (S4 T97N R27W Kossuth Co.) to confluence with unnamed tributary in S5 T98N R26W Winnebago Co.	River	aquatic life	habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
4c	IA 04-RAC-01620-L_0	Little Clear Lake	Pocahontas County S6T91NR34W 11 mi W of Pocahontas.	Wetland	aquatic life	habitat alterations	Infestation of purple loosestrife impairs wetland habitat.	TMDL not required	slight to moderate
4a	IA 06-FLO-0080_0	Little Floyd River	mouth (S1 T96N R43W Sioux Co.) to confluence with Lamkin Cr. in S8 T96N R42W O'Brien Co.	River	aquatic life	low IBI	low biotic index	TMDL completed & approved	slight to moderate
4d	IA 06-FLO-0085_0	Little Floyd River	From confluence with Lamkin Cr to headwaters.	River	aquatic life	fish kill	Fish kill in October 2003 caused by land application of animal waste.	TMDL not required	slight to moderate
5b	IA 05-GRA-0080_0	Little River	IA/MO line to dam S30,T69N,R25W Decatur Co.	river	aquatic life	low IBI	low biotic index	Low	strong
5a	IA 05-GRA-00810-L_0	Little River Watershed Lake	Decatur County, S19,T69N,R25W, approx 2 mi NW of Leon.	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5p	IA 06-BSR-0060_3	Little Rock River	from confluence with Argo Slough (S17, T99N, R43W, Lyon Co.) to the Iowa/Minnesota state line	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 06-LSR-00250-L_0	Little Sioux Park Lake	Woodbury County, S12,T89N,R42W, 2 mi SSW of Correctionville	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Low	slight to moderate

5a	IA 06-LSR-00250-L_0	Little Sioux Park Lake	Woodbury County, S12,T89N,R42W, 2 mi SSW of Correctionville	lake	primary contact recreation	pH	> 10% of samples violate WQ criteria	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4a	IA 06-LSR-02870-L_0	Little Spirit Lake	Dickinson County S8T100NR36W 5 mi. NE of Montgomery.	Lake	aquatic life	pH	> 10% of samples violate WQ criteria	TMDL completed & approved	slight to moderate
4a	IA 06-LSR-02870-L_0	Little Spirit Lake	Dickinson County S8T100NR36W 5 mi. NE of Montgomery.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate

5b	IA 01-TRK-0230_3	Little Turkey River	from the Clayton/Delaware county line to south line of S11, T90N, R3W in Delaware Co.	river	aquatic life	low IBI	low biotic index	Medium	slight to moderate
5a	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.	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate
4a	IA 03-SSK-00360-L_0	Little Wall Lake	Hamilton County S10T86NR24W 1 mi. S of Jewell	Lake	aquatic life	pH	> 10% of samples violate WQ criteria	TMDL completed & approved	slight to moderate
4a	IA 03-SSK-00360-L_0	Little Wall Lake	Hamilton County S10T86NR24W 1 mi. S of Jewell	Lake	primary contact recreation	turbidity, algae, pH	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; also, >10% samples violate pH criteria	TMDL completed & approved	strong
4a	IA 05-NSH-00675-L_0	Littlefield Lake	Audubon County S17T78NR34W approx 4 mi SE of Exira.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5a	IA 04-UDM-0300_1	Lizard Creek	mouth to confluence with unnamed tributary in N 1/2, S31, T90N, R30W, Webster Co.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5b	IA 04-UDM-0300_1	Lizard Creek	mouth to confluence with unnamed tributary in N 1/2, S31, T90N, R30W, Webster Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4d	IA 04-UDM-0315_2	Lizard Creek	from west line S5 T91N R32W at east edge of Pocahontas (Pocahontas Co.) to headwaters in S20 T93N R33W Pocahontas Co.	River	aquatic life	fish kill	Fish kill in August 2003 caused by municipal wastewater discharge.	TMDL not required	slight to moderate
5a	IA 05-GRA-01920-L_0	Loch Ayr	Ringgold County, S30,T69N,R29W, 2 miles N of Mt. Ayr.	lake	drinking water	atrazine	declining water quality trend with average levels near MCL of 3 ppb.	Low	slight to moderate

5b	IA 03-SSK-0090_0	Long Dick Creek	mouth (S18, T85N, R23W, Story Co.) to N. line of S34, T86N, R23W, Hamilton Co.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
5b	IA 03-SSK-0091_0	Long Dick Creek	N. line of S34, T86N, R23W, Hamilton Co to headwaters	river	general use	fish kill	Fish kill in April 2004 caused by animal waste.	High	slight to moderate
5a	IA 06-LSR-02390-L_0	Lost Island Lake	Palo Alto County, S31,T97N,R34W, 3 mi N of Ruthven.	lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	TMDL completed & approved	strong
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4a	IA 06-LSR-02805-L_0	Lower Gar Lake	Dickinson County S32T99NR36W 2 mi. NE of Milford.	Lake	aquatic life	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
4a	IA 06-LSR-02805-L_0	Lower Gar Lake	Dickinson County S32T99NR36W 2 mi. NE of Milford.	Lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	TMDL completed & approved	strong
5a	IA 02-IOW-0330-L_0	Lower Pine Lake	Hardin County, S4,T87N,R19W, 0.5 mi E of Eldora.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	High	strong
5a	IA 02-IOW-0330-L_0	Lower Pine Lake	Hardin County, S4,T87N,R19W, 0.5 mi E of Eldora.	lake	primary contact recreation	bacteria, pH	geometric mean > E. coli criterion; > 10% of samles violate pH criterion	High	strong
4a	IA 02-IOW-0330-L_0	Lower Pine Lake	Hardin County, S4,T87N,R19W, 0.5 mi E of Eldora.	lake	aquatic life	organic enrichment: nutrients	high nutrient levels impairing aquatic life use	TMDL completed & approved	strong
5p	IA 04-UDM-0215_0	Lyons Creek	mouth (NW 1/4, S6, T88N, R25W, Hamilton Co.) to headwaters in S18, T89N,R24W, Hamilton Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate

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.	river	aquatic life	fish kill	Fish kill in 2001; although traced to tile line, no cause/source identified.	High	slight to moderate
4c	IA 06-LSR-0115_0	Maple Creek	mouth (S5 T91N R39W Cherokee Co.) to confluence with unnamed tributary in S1 T91N R39W Cherokee Co.	River	aquatic life	habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong
4c	IA 06-LSR-0080_2	Maple River	from confluence with Silver Cr. (S13 T88N R40W Ida Co.) to confluence with Maple Cr. in S5 T91N R39W Cherokee Co.	River	aquatic life	habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	slight to moderate
5b	IA 01-MAQ-0060_1	Maquoketa River	from N. Fk. Maquoketa R. to confluence with Farm Cr. in S10, T85N, R1W, Jones Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
5b	IA 01-MAQ-0060_1	Maquoketa River	from N. Fk. Maquoketa R. to confluence with Farm Cr. in S10, T85N, R1W, Jones Co.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
5a	IA 01-MAQ-0060_2	Maquoketa River	from Farm Cr. (Jones Co) to confluence with Plum Cr. in S11 T87N R4W Delaware Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5b	IA 01-MAQ-0060_2	Maquoketa River	from Farm Cr. (Jones Co) to confluence with Plum Cr. in S11 T87N R4W Delaware Co.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

4a	IA 03-NSK-00350-L_0	Mariposa Lake	Jasper County S32T81NR18W 6 mi. NE of Newton.	Lake	aquatic life	algae, turbidity	aesthetically objectionable conditions: chl-a & Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
4a	IA 03-NSK-00350-L_0	Mariposa Lake	Jasper County S32T81NR18W 6 mi. NE of Newton.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5a	IA 04-RAC-0123_0	Marrowbone Creek	mouth to trib S17,T85N,R33W Carroll Co.	river	aquatic life	low DO, low IBI	Violation of criteria for dissolved oxygen; low biotic index	High	slight to moderate
4a	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.	river	aquatic life	fish kill	Fish kills in 2001 caused thermal impacts from stormwater.	TMDL completed & approved	slight to moderate
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.	river	aquatic life	fish kill	Fish kills in 2004 and 2005 caused by unknown toxicity.	Low	slight to moderate
5a	IA 04-LDM-02870-L_0	Meadow Lake	Adair County, S17,T76N,R31W, 5 mi N of Greenfield.	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Medium	slight to moderate
5a	IA 02-CED-00460-L_0	Meyer Lake	Black Hawk County, S6,T88N,R12W, at Waterloo.	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Low	slight to moderate
5b	IA 05-GRA-0180_0	Middle Fork Grand River	IA/MO line to trib S13,T68N,R30W Ringgold Co.	river	aquatic life	low IBI	low biotic index	Low	strong
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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate

4a	IA 02-CED-0432_1	Middle Fork South Beaver Creek	mouth (N 1/2 S28 T89N R17W Grundy Co.) confluence with unnamed tributary in NE 1/4 S28 T89N R18W Grundy Co. (upstream from Grundy Co.Rd. T13).	River	aquatic life	low IBI	low biotic index	TMDL completed & approved	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	IA 04-RAC-0200_3	Middle Raccoon River	from Panora drinking water intake to Lake Panorama dam	river	drinking water	nitrate	Four notices of MCL violations for nitrate issued by Panora from 2000-2002.	High	slight to moderate
5p	IA 04-LDM-0270_0	Middle River	mouth (Warren Co.) to confluence with Clanton Cr. in S28, T76N, R25W, Warren Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 04-LDM-0270_0	Middle River	mouth (Warren Co.) to confluence with Clanton Cr. in S28, T76N, R25W, Warren Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4a	IA 06-LSR-0300_0	Milford Creek	mouth (S14 T98N R37W Dickinson Co.) to confluence with unnamed tributary in S18 T98N R36W Dickinson Co.	River	aquatic life	low IBI	low biotic index	TMDL completed & approved	slight to moderate
5b	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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4d	IA 05-NSH-0034_0	Mill Creek	Confluence with trib S15T67NR41W Fremont Co. to headwaters	River	aquatic life	fish kill	Fish kill in April 2004 caused by fertilizer spill.	TMDL not required	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

5b	IA 04-LDM-0130_0	Miller Creek	mouth (S7, T73N, R15W, Wapello Co.) to unnamed tributary in S29, T73N, R16W, Monroe Co.	river	aquatic life	fish kill	Fish kills in 2000 and 2003	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	High	strong
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)	river	aquatic life	aluminum	multiple violations of chronic criteria	Low	strong
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)	river	drinking water	arsenic	multiple violations of human health criteria	Low	strong
5a	IA 01-NEM-0010_4	Mississippi River	from Wapsipinicon R. (Scott / Clinton Co. line) to Lock & Dam 13 at Clinton (Clinton Co.)	river	aquatic life	aluminum	multiple violations of chronic criteria	Low	strong
5a	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.).	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	Low	slight to moderate
5a	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.).	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	Low	slight to moderate
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.).	river	primary contact recreation	bacteria	listing in 2008 by adjacent state	Low	unknown
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.)	river	aquatic life	aluminum	violations of chronic WQ criterion	Low	strong
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.)	river	drinking water	arsenic	violations of human health criterion (0.18 ug/l)	Low	strong

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.)	river	primary contact recreation	bacteria	listing in 2008 by adjacent state	Low	unknown
5a	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23, T67N, R5W, Lee Co.	river	aquatic life	aluminum	violations of chronic WQ criterion	Low	strong
5a	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23, T67N, R5W, Lee Co.	river	drinking water	arsenic	violations of human health criterion (0.18 ug/l)	Low	strong
5a	IA 03-SKM-0010_1	Mississippi River	IA/MO line to confluence with Sugar Cr. in S23, T67N, R5W, Lee Co.	river	primary contact recreation	bacteria	listing in 2008 by adjacent state	Low	unknown
5a	IA 03-SKM-0010_2	Mississippi River	from confluence with Sugar Cr. (S23, T67N, R5W, Lee Co.) to confluence with Skunk R.	river	primary contact recreation	bacteria	listing in 2008 by adjacent state	Low	unknown
5a	IA 01-NEM-0010_4	Mississippi River: Beaver Slough	from Wapsipinicon R. (Scott / Clinton Co. line) to Lock & Dam 13 at Clinton (Clinton Co.)	river	general uses	nutrients	aesthetically objectionable conditions and nuisance aquatic life.	TMDL completed & approved	strong
4a	IA 06-WEM-0010_0	Missouri River	from the Iowa/Missouri state line (Fremont Co.) to confluence with Platte R. west of Glenwood in Mills Co.	River	primary contact recreation	bacteria	geometric mean > WQ criterion	NDEQ TMDL completed & approved	slight
4c	IA 06-WEM-0010_0	Missouri River	from the Iowa/Missouri state line (Fremont Co.) to confluence with Platte R. west of Glenwood in Mills Co.	River	aquatic life	habitat alterations	Impact on river's aquatic life from navigation development	TMDL not required	slight to moderate
4c	IA 06-WEM-0020_1	Missouri River	from confluence with Platte R. (Mills Co.) to the water supply intake at Council Bluffs near River Mile 619 in SE 1/4 S22 T75N R44W Pottawattamie Co.	River	aquatic life	habitat alterations	Impact on river's aquatic life from navigation development	TMDL not required	slight to moderate
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.	river	drinking water	arsenic	violations of human health criterion (0.18 ug/l)	Low	strong

4c	IA 06-WEM-0030_0	Missouri River	from confluence with Boyer R. (Pottawattamie Co.) to confluence with Little Sioux R. at river mile 669.2 in Harrison Co.	River	aquatic life	habitat alterations	Impact on river's aquatic life from navigation development	TMDL not required	slight to moderate
4c	IA 06-WEM-0040_1	Missouri River	from confluence with Little Sioux R. (Harrison Co.) to confluence with Elm Cr. at river mile 691.0 at Decatur NE (=S18 T83N R46W Monona Co.).	River	aquatic life	habitat alterations	Impact on river's aquatic life from navigation development	TMDL not required	slight to moderate
4c	IA 06-WEM-0040_2	Missouri River	from confluence with Elm Cr. (S18 T83N R46W Monona Co. at river mile 691.0 at Decatur NE.) to confluence with Omaha Creek Ditch east of Homer NE at river mile 715.8 (=SW 1/4 S6 T86N R47W Woodbury Co. (near Browns Lake)).	River	aquatic life	habitat alterations	Impact on river's aquatic life from navigation development	TMDL not required	slight to moderate
4c	IA 06-WEM-0040_3	Missouri River	from confluence with Omaha Creek Ditch (SW 1/4 S6 T86N R47W Woodbury Co. at river mile 715.8 (near Browns Lake)) to confluence with Big Sioux R. at river mile 734.0 at Sioux City Woodbury Co.	River	aquatic life	habitat alterations	Impact on river's aquatic life from navigation development	TMDL not required	slight to moderate
4d	IA 06-BSR-0095_0	Moon Creek	mouth to headwaters	River	aquatic life	fish kill	Fish kill in March 2004 caused by runoff from open feedlot.	TMDL not required	slight to moderate
5a	IA 06-LSR-00805-L_0	Moorehead Park Pond	Ida County, S10,T87N,R39W, 0.5 mi N of Ida Grove	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Low	slight to moderate
5a	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County, S17,T76N,R31W, 1.5 mi SE of Bridgewater.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Low	slight to moderate
5a	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County, S17,T76N,R31W, 1.5 mi SE of Bridgewater.	lake	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory	Low	slight to moderate
5a	IA 05-NOD-00820-L_0	Mormon Trail Lake	Adair County, S17,T76N,R31W, 1.5 mi SE of Bridgewater.	lake	primary contact recreation	pH	> 10% of samples violate WQ criteria	Low	strong

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.	river	aquatic life	fish kill	Fish kill in September 2003; source of ammonia unknown.	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	strong
4c	IA 06-WED-0030_0	Mosquito Creek	from confluence with Spring Cr. (S9 T78N R41W Harrison Co.) to confluence with Moser Cr. in NW 1/4 S12 T80N R40W Shelby Co.	River	aquatic life	habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	strong

4a	IA 02-CED-0160_0	Mud Creek	mouth (S10 T78N R2W Muscatine Co.) to confluence with unnamed tributary in S5 T78N R1E Muscatine Co.	River	aquatic life	low IBI	low biotic index	TMDL completed & approved	slight to moderate
5b	IA 05-NSH-0128_0	Mud Creek	mouth to trib S14,T73N,R41W Mills Co.	river	aquatic life	low IBI	low biotic index	Medium	slight to moderate
5b	IA 06-BSR-0080_0	Mud Creek	mouth (S26, T98N, R46W, Lyon Co.) to the IA-MN state line	river	aquatic life	fish kill, low IBI	Fish kill in September 2003 related runoff event; cause/source of low DO not identified; low biotic index.	Low	slight to moderate
5p	IA 06-BSR-0080_0	Mud Creek	mouth (S26, T98N, R46W, Lyon Co.) to the IA-MN state line	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
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.	river	general use	sewage	violation of narrative criteria: aesthetically objectionable conditions	High	strong
5b	IA 06-LSR-0125_0	New Farmer Ditch (AKA Garretson Outlet Ditch)	from mouth (T84N R45W Sec12) to headwaters (T85N R45W Sec5) Monona Co.	river	aquatic life	fish kill	Fish kill in August 2007 caused by herbicides applied to control vegetation in the ditch.	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5a	IA 05-GRA-01010-L_0	Nine Eagles Lake	Decatur County, S18,T67N,R25W, 3.5 mi. SE of Davis City.	lake	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate
5a	IA 05-GRA-01010-L_0	Nine Eagles Lake	Decatur County, S18,T67N,R25W, 3.5 mi. SE of Davis City.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Medium	strong

4a	IA 05-GRA-01010-L_0	Nine Eagles Lake	Decatur County, S18,T67N,R25W, 3.5 mi. SE of Davis City.	lake	primary contact recreation, aquatic life	siltation, turbidity	siltation and turbidity impairing aquatic life uses	TMDL completed & approved	strong
5p	IA 05-CHA-0066_0	Ninemile Creek	mouth (S4, T69N, R22W, Wayne Co.) to confluence with unnamed tributary in S31, T70N, R22W, Wayne Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5p	IA 01-YEL-0130_0	Norfolk Creek	mouth (S6, T96N, R5W, Allamakee Co.) to confluence with Teeple Cr. in S24, T97N, R6W, Allamakee Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	low DO	> 10% of samples violate WQ criteria	High	strong
5a	IA 04-LDM-02726-L_0	North Banner Lake	Warren County, S30,T77N,R23W, 5 mi N of Indianola.	lake	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	Low	slight to moderate
5p	IA 01-UIA-0190_0	North Bear Creek	mouth (S25, T100N, R6W, Winneshiek Co.) to IA/MN state line (Winneshiek Co.)	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5b	IA 04-FAB-0010_0	North Fabius River	IA/MO line to trib S33,T68N,R15W Davis Co.	river	aquatic life	low IBI	low biotic index	Medium	slight to moderate

5a	IA 01-NMQ-0010_1	North Fork Maquoketa River	mouth (Jackson Co.) to confluence with Lytle Cr. S8, T85N, R2E, Jackson Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
4a	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.	river	aquatic life	low IBI	low biotic index	TMDL completed & approved	slight to moderate
4a	IA 01-NMQ-0020_2	North Fork Maquoketa River	confluence with Bear Cr (S31 T89NR2W Dubuque Co.) to confluence with unnamed tributary in S18 T90N R1W Dubuque Co.	River	aquatic life	low IBI	low biotic index	TMDL completed & approved	strong
5a	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.	river	aquatic life	low DO	> 10% of samples violate WQ criteria	High	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong
4a	IA 04-RAC-0040_1	North Raccoon River	from confluence with Buttrick Cr. (S26 T83N R30W Greene Co.) to confluence with Short Cr. in S33 T84N R31W Greene Co.	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
4a	IA 04-RAC-0040_5	North Raccoon River	from confluence with Camp Cr. (S7 T86N R34W Calhoun Co.) to confluence with Indian Cr. in S24 T87N R36W Sac Co.	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
4a	IA 04-RAC-0040_6	North Raccoon River	from confluence with Indian Cr. (S24 T87N R36W Sac Co.) to confluence with Cedar Cr. in S25 T88N R36W Sac Co.	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight

5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5b	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.	river	aquatic life	fish kill, low IBI	(1) Fish kill in August 2006 caused by animal waste; (2) low biotic index.	Low	slight to moderate
5p	IA 01-TRK-0416_0	Nutting Creek	mouth (S19, T95N, R7W, Fayette Co.) to confluence with unnamed tributary in S2, T95N, R8W, Fayette Co.	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong

5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 06-LSR-0101_0	Odebolt Creek	from unnamed tributary in T87N R39W S24 to headwaters in Sac County.	river	aquatic life	fish kill	Fish kill in August 2006 caused by runoff of animal waste.	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	IA 05-NOD-00485-L_0	Orient Lake	Adair County, S20,T74N,R31W, approx 1 mi SW of Orient.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
4a	IA 05-NOD-00485-L_0	Orient Lake	Adair County, S20,T74N,R31W, approx 1 mi SW of Orient.	lake	aquatic life	siltation	Excessive siltation impairing aquatic life uses.	TMDL completed & approved	slight to moderate
5a	IA 05-NOD-00485-L_0	Orient Lake	Adair County, S20,T74N,R31W, approx 1 mi SW of Orient.	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH criterion	Medium	strong
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight

5b	IA 02-IOW-0086_0	Otter Creek	from confluence with unnamed tributary(T73N R3W Sec4 Louisa Co.) to headwaters (T73N R4W Sec16 Louisa Co.)	river	aquatic life	fish kill	Fish kills in 2007 caused by animal waste.	Low	slight to moderate
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.	river	aquatic life	fish kill	Fish kill in June 2004; cause/source of low DO not identified.	Low	slight to moderate
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	river	aquatic life	fish kill	Fish kills in August 2001 and July 2006, both related to animal waste from unknown source.	Low	strong
5a	IA 02-IOW-02095-L_0	Otter Creek Lake	Tama County, S31,T84N,R14W, 5 mi NE of Toledo.	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	Medium	strong
4a	IA 04-LDM-00215-L_0	Ottumwa Lagoon	Wapello County, S25,T72N,R14W, at Ottumwa.	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5b	IA 04-LDM-00215-L_0	Ottumwa Lagoon	Wapello County, S25,T72N,R14W, at Ottumwa.	lake	aquatic life	fish kill	Fish kill in August 2006 caused by spill of petroleum products.	Low	strong
5b	IA 01-UIA-0010_1	Paint Creek	mouth (Allamakee Co.) to confluence with Little Paint Cr. in S32, T97N, R3W, Allamakee Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	fish kill	Fish kill in August 2000 caused by animal waste.	High	slight to moderate
5p	IA 01-UIA-0230_0	Patterson Creek	mouth (S29, T99N, R6W, Allamakee Co.) to east line of S3, T98N, R6W, Allamakee Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate

5b	IA 01-TRK-0260_0	Pecks Creek	mouth (S1, T91N, R3W, Clayton Co.) to south line of S15, T91N, R3W, Clayton Co.	river	aquatic life	low IBI	low biotic index	High	strong
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4d	IA 06-BOY-0025_0	Picayune Creek	mouth to headwaters	River	aquatic life	fish kill	Fish kill in November 2004 caused by fertilizer spill.	TMDL not required	slight to moderate
4a	IA 05-NSH-00220-L_0	Pierce Creek Pond	Page County S29T70NR39W 4 mi N of Shenandoah.	Lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	TMDL completed & approved	strong
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5b	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.	river	aquatic life	low IBI	low biotic index	Medium	strong
5p	IA 01-UIA-0370_0	Pine Creek	mouth (S10, T99N, R9W, Winneshiek Co.) to IA/MN state line.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 05-PLA-0020_0	Platte River	from East Platte R to trib S16,T72N,R31W Union Co.	river	aquatic life	fish kill	Fish kill in 2004 caused by green dye via municipal WWTP	Low	slight to moderate
5a	IA 05-PLA-0021_0	Platte River	from confluence with tributary (T72N R31W Sec16) to Summitt Lake (T72N R31W Sec3) at Creston, Union Co.	river	aquatic life	fish kill	Fish kill in 2004 caused by green dye via municipal WWTP	Low	slight to moderate
5b	IA 01-TRK-0010_1	Pleasant Creek	mouth (S33, T86N, R5E, Jackson Co.) to W line of S11, T85N, R4E, Jackson Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

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.	river	aquatic life	fish kill, FW mussel decline, low IBI	fish kill; >50% decline in mussel species richness; low IBI.	Low	slight to moderate
5b	IA 06-WED-0003_2	Plum Creek	from west city limit of Thurman to unnamed tributary in S29,T70N,R42W, Fremont Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	High	strong
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.	river	aquatic life	fish kill	Fish kills in July 2004 caused by storm sewer flush of petroleum products and/or chlorine in city water.	Low	slight to moderate
5b	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.	river	aquatic life	fish kill	Two fish kills in 2006, both caused by animal waste.	Low	strong
5a	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County, S36,T79N,R38W, 6 mi SE of Harlan.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	High	slight to moderate
5a	IA 05-NSH-01440-L_0	Prairie Rose Lake	Shelby County, S36,T79N,R38W, 6 mi SE of Harlan.	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH criterion.	High	slight to moderate
4c	IA 06-WEM-00452-L_0	Rabbit Island Lake	Monona County S28T85NR47W 10 mi. WNW of Whiting.	Wetland	aquatic life	habitat alterations	dewatering related to river channel degradation following navigation development	TMDL not required	strong

4a	IA 04-RAC-0010_1	Raccoon River	mouth (at Des Moines Polk Co.) to the Polk/Dallas county line	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	moderate
4a	IA 04-RAC-0010_1	Raccoon River	mouth (at Des Moines Polk Co.) to the Polk/Dallas county line	River	drinking water	nitrate	> 10% of samples violate nitrate MCL (10 ppm)	TMDL completed & approved	strong
4a	IA 04-RAC-0010_2	Raccoon River	from the Polk/Dallas county line to confluence of North Raccoon and South Raccoon rivers in Dallas Co.	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	moderate
4a	IA 04-RAC-0010_2	Raccoon River	from the Polk/Dallas county line to confluence of North Raccoon and South Raccoon rivers in Dallas Co.	River	drinking water	nitrate	> 10% of samples violate nitrate MCL (10 ppm)	TMDL completed & approved	strong
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.	river	general use	priority organics	coal tar site; studies suggest influence on surface water	Low	slight to moderate
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.	lake	aquatic life	turbidity	impacts on sport fishery	Medium	slight to moderate
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.	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	Medium	strong
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.	lake	drinking water	atrazine	average levels > atrazine MCL (3 ppb)	High	strong
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.	lake	aquatic life	turbidity	impacts on sport fishery	Medium	slight to moderate

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.	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	Medium	strong
5a	IA 04-LDM-02296-L_0	Red Haw Lake	Lucas County, S28,T71N,R21W, 2 mi SE of Chariton.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
4c	IA 01-TRK-0360_2	Roberts Creek	confluence with Howard Cr. (S25 T94N R5W Clayton Co.) to confluence with Silver Cr. in S16 T94N R5W Clayton Co.	River	aquatic life	habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	slight to moderate
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.	river	aquatic life	fish kill, low IBI	Fish kill in 2005 caused by animal waste; low biotic index.	High	slight to moderate
4d	IA 01-TRK-0361_0	Roberts Creek	Confluence with unnamed tributary in S8 T95N R6W Clayton Co. to headwaters (T96N R6W Sec32 SW SE Allamakee Co)	River	aquatic life	fish kill	Fish kill in August 2005 caused by release of hog manure from an over-full storage pit.	TMDL not required	slight to moderate
5a	IA 04-LDM-00380-L_0	Roberts Creek Lake	Marion County, S4,T76N,R19W, 6 mi NE of Knoxville.	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	Medium	slight to moderate
5a	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).	river	aquatic life	low DO	> 10% of samples violate WQ criteria	Low	slight to moderate
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).	river	aquatic life	ammonia	multiple violations of chronic WQ criteria	TMDL completed & approved	slight to moderate

5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 03-NSK-00340-L_0	Rock Creek Lake	Jasper County, S17,T80N,R17W, 4 mi. ENE of Kellogg.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Medium	strong
4a	IA 03-NSK-00340-L_0	Rock Creek Lake	Jasper County, S17,T80N,R17W, 4 mi. ENE of Kellogg.	lake	aquatic life	siltation, nutrients	nutrients and siltation impairing aquatic life uses	TMDL completed & approved	strong
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	aquatic life	fish kill	Fish kill in 2002; caused by animal waste; no source identified.	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5p	IA 06-BSR-0040_2	Rock River	from confluence with Kanaranzi Cr. (S28, T100N, R45W, Lyon Co.) to the IA/MN state line	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
4c	IA 06-WEM-00380-L_0	Round Lake	Harrison County S13T80NR45W 2 mi. NNW of Mondamin.	Wetland	aquatic life	habitat alterations	dewatering related to river channel degradation following navigation development	TMDL not required	strong
5a	IA 05-PLA-0015-L_0	Sands Timber Lake (aka, Blockton Reservoir)	S2, T67N, R32W, Taylor Co.	lake	aquatic life	turbidity	turbidity-related impacts on sport fishery related to siltation and/or common carp	High	slight to moderate

5a	IA 03-SKU-0085_0	Saunders Branch	mouth (SW 1/4, S17, T71N, R6W, Henry Co.) to headwaters	river	general use	low IBI	overwhelming evidence of impacts from coal tar site and/or discharge from WWTP	Low	slight to moderate
5a	IA 04-UDM-0020-L_0	Saylorville Reservoir	Polk County, Saylorville Dam to Polk-Dallas county line.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 02-IOW-0342_0	School Creek	mouth (S28, T89N, R20W, Hardin Co.) to confluence with unnamed tributary in S16, T89N, R20W, Hardin Co.	river	aquatic life	fish kill	Fish kill in July 2006 caused by spill of fatty acids, glycerin, and soybean oil.	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5b	IA 02-IOW-0450_0	Short Creek	from mouth (T75N R04W Sec19) to headwaters(T75N R06W Sec3)	river	aquatic life	fish kill	Fish kill in August 2007 caused by animal waste.	Low	slight to moderate
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.	wetland	aquatic life	algae, turbidity	impacts to backwater of Upper Mississippi River	Low	strong
5b	IA 01-MAQ-0200_0	Silver Creek	mouth (S8, T86N, R3W, Jones Co.) to unnamed tributary in S10, T86N, R4W, Jones Co.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
5p	IA 01-TRK-0381_0	Silver Creek	mouth (S16, T94N, R5W, Clayton Co.) to confluence with unnamed tributary in S32, T95N, R5W, Clayton Co.	river	primary contact recreation	bacteria	geometric mean >>> WQ criterion	Low	strong

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.	river	aquatic life	low IBI	low biotic index	High	strong
5p	IA 01-TRK-0382_0	Silver Creek	confluence with unnamed tributary in S32, T95N, R5W to headwaters(T95N R6W Sec11)	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong
5p	IA 01-UIA-0403_0	Silver Creek	mouth (S2, T99N, R10W, Winneshiek Co.) to west line of S12, T99N, R11W, Howard Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	aquatic life	low IBI	low biotic index	Low	strong
5a	IA 01-MAQ-00680-L_0	Silver Lake	Delaware County, S16,T88N,R4W, SE edge of Delhi.	lake	aquatic life	low DO	> 10% of samples violate WQ criteria	High	slight to moderate
5a	IA 01-MAQ-00680-L_0	Silver Lake	Delaware County, S16,T88N,R4W, SE edge of Delhi.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	TMDL completed & approved	slight to moderate
4a	IA 01-MAQ-00680-L_0	Silver Lake	Delaware County, S16,T88N,R4W, SE edge of Delhi.	lake	aquatic life	organic enrichment, nutrients	high nutrient levels impairing aquatic life use	TMDL completed & approved	slight to moderate
5a	IA 01-MAQ-00680-L_0	Silver Lake	Delaware County, S16,T88N,R4W, SE edge of Delhi.	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 70; > 10% of samples violate pH criterion.	TMDL completed & approved	strong
4a	IA 02-SHL-00295-L_0	Silver Lake	Worth County S14T100NR22W 8 mi. N of Joice.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong

4a	IA 04-UDM-01020-L_0	Silver Lake	Palo Alto County S20T95NR34W 2 mi W of Ayrshire.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5a	IA 06-LSR-03105-L_0	Silver Lake	Dickinson County, S28,T100N,R38W, near Lake Park.	lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
5b	IA 06-BSR-0029_0	Sixmile Creek	mouth (S28,T94N, R48W, Sioux Co.) to confluence with unnamed tributary in S19, T95N, R46W, Sioux Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	IA 06-BSR-0029_0	Sixmile Creek	mouth (S28,T94N, R48W, Sioux Co.) to confluence with unnamed tributary in S19, T95N, R46W, Sioux Co.	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong
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.	river	aquatic life	low IBI	low biotic index believed due to WWTP discharge; potentially includes ammonia and/or low DO.	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	IA 06-SOL-0010_1	Soldier River	mouth (S17, T80N, R45W, Harrison Co.) to confluence with Jordan Cr. in S16, T82N, R43W, Monona Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5a	IA 04-LDM-02725-L_0	South Banner Lake	Warren County, S30,T77N,R23W, 5 mi N of Indianola.	lake	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2007	Low	slight to moderate
5p	IA 02-CED-0391_0	South Branch Dry Run Creek	mouth (T89N R14W Sec13) to headwaters (T88N R14W Sec9)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong

5p	IA 05-CHA-0060_1	South Fork Chariton River	mouth (at Rathbun Lake) to confluence with Ninemile Cr. in S4, T69N, R22W, Wayne Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
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.	river	aquatic life	low IBI	low biotic index	Low	strong
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5p	IA 04-LDM-0230_0	South River	mouth (Warren Co.) to confluence with Squaw Cr. in S2, T75N, R24W, Warren Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	drinking water	nitrate	> 10% of samples violate nitrate MCL (10 ppm)	Low	strong

5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4c	IA 04-LDM-0212_0	South White Breast Creek	mouth (S3 T71N R24W Clarke Co.) to headwaters	River	aquatic life	low IBI, habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	strong
5p	IA 02-CED-0520_0	Spring Creek	mouth (S13, T97N, R17W, Mitchell Co.) to N line S8, T97N, R16W, Mitchell Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
4a	IA 04-RAC-00805-L_0	Spring Lake	Greene County S25T84NR30W 3 mi NW of Grand Junction.	Lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi tropic state index > 65.	TMDL completed & approved	strong
4d	IA 01-TRK-0290_0	Steeles Branch	mouth (S26 T91N R4W Clayton Co.) to west line of S5 T90N R4W Delaware Co.	River	aquatic life	fish kill	Fish kill in August 2002 caused by spill of liquid animal feed.	TMDL not required	slight to moderate
5b	IA 06-LSR-0270_0	Stony Creek	mouth to unnamed tributary in S27,T98N,R38W Dickinson Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5b	IA 06-LSR-0271_0	Stony Creek	from unnamed tributary in S27,T98N,R38W Dickinson Co. to Stony Lake	river	aquatic life	fish kill	Fish kill in August 2006 caused by runoff of animal waste.	Low	slight to moderate

4a	IA 04-RAC-00530-L_0	Storm Lake	Buena Vista County S14T90NR37W at Storm Lake.	Lake	primary contact recreation	turbidity	aesthetically objectionable conditions: Secchi trophic state index > 65.	TMDL completed & approved	strong
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	fish kill	Fish kill in June 2004 caused by spill of industrial chemical (sulfuric acid).	Low	slight to moderate
5a	IA 01-YEL-0100_0	Suttle Creek	mouth (S17, T96N, R4W, Allamakee Co.) to Allamakee- Clayton county line.	river	aquatic life	low DO	> 10% of samples violate WQ criteria	High	strong
5p	IA 01-YEL-0100_0	Suttle Creek	mouth (S17, T96N, R4W, Allamakee Co.) to Allamakee- Clayton county line.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
4a	IA 04-RAC-02370-L_0	Swan Lake	Carroll County S31T84NR34W 3 mi. SE of Carroll.	Lake	aquatic life	pH	> 10% of samples violate WQ criteria	TMDL completed & approved	strong
4a	IA 04-RAC-02370-L_0	Swan Lake	Carroll County S31T84NR34W 3 mi. SE of Carroll.	Lake	primary contact recreation	algae, pH, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; also, >10% samples violate pH criteria	TMDL completed & approved	strong
5b	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.	river	aquatic life	low IBI	low biotic index	Medium	slight to moderate
5b	IA 01-TRK-0090_1	Tetes Des Morts Creek	mouth (Dubuque Co.) to confluence with Lux Cr. in S7, T87N, R4E, Jackson Co.	river	aquatic life	fish kill, low IBI	fish kill in August 2005 possibly pollutant-related; low biotic index	High	slight to moderate

5a	IA 05-GRA-01410-L_0	Thayer Lake	Union County, S22,T72N,R28W, 1 mi SW of Thayer.	lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a and Secchi trophic state index > 65.	Low	strong
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 05-NSH-0060_0	Troublesome Creek	mouth (Cass Co.) to Fourmile Cr., Audubon Co.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
4a	IA 06-LSR-02450-L_0	Trumbull Lake	Clay County S27T97NR35W 5 mi NE of Dickens.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
5a	IA 01-TRK-0200_0	Turkey River	mouth (Clayton Co.) to confluence with Volga R. in S26, T92N, R4W, Clayton Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5p	IA 02-CED-0530_0	Turtle Creek	mouth (S23, T99N, R18W, Mitchell Co.) to E line S7, T99N, R17W, Mitchell Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
4a	IA 04-EDM-00290-L_0	Tuttle Lake (a.k.a. Okamanpeedan Lake)	Emmett County S14T100NR32W 2 mi. N of Dolliver.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5a	IA 02-IOW-02195-L_0	Union Grove Lake	Tama County, S33,T85N,R16W, 2.5 mi NW of Garwin.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	TMDL completed: awaiting approval	slight to moderate

5a	IA 02-IOW-02195-L_0	Union Grove Lake	Tama County, S33,T85N,R16W, 2.5 mi NW of Garwin.	lake	primary contact recreation	algae, pH, bacteria, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; > 10% of samples violate pH WQ criterion; E. coli geometric mean > WQ criterion.	TMDL completed; awaiting approval	strong
5p	IA 02-CED-0392_0	University Branch Dry Run Creek	mouth (T89N R14W Sec13) to headwaters (T89N R14W Sec9)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	low DO	> 10% of samples violate WQ criteria	High	strong
5p	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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	fish kill	Fish kills in 2001 caused by chlorine.	Low	slight to moderate
5p	IA 01-YEL-0155_0	Unnamed Creek (aka Hecker Cr.)	mouth (S17,T96N,R06W, Allamakee Co.) to headwaters (Allamakee Co.)	river	primary contact recreation	bacteria	geometric mean > > WQ criterion	Low	strong

4d	IA 04-LDM-0133_0	Unnamed Creek (near Eddyville)	mouth (SW 1/4 S6 T73N R15W Wapello Co.) to headwaters in S11 T73N R16W Monroe Co.	River	aquatic life	fish kill	Fish kill in August 2001 caused by industrial wastewater discharge.	TMDL not required	slight to moderate
5b	IA 01-TRK-04515_0	Unnamed Tributary to Bass Creek	mouth (T95N R9W Sec5) to headwaters (T95N R9W Sec8), Fayette Co.	river	aquatic life	fish kill	Fish kill in July 2004 caused by animal waste.	Low	slight to moderate
4d	IA 01-NMQ-01415_0	Unnamed Tributary to Bear Creek	mouth (T90N R3W Sec30) to headwaters (T90N R4W Sec36) Delaware Co.	River	aquatic life	fish kill	fish kill in August 2004 caused by animal waste from a dairy operation.	TMDL not required	slight to moderate
4d	IA 01-NMQ-0142_0	Unnamed Tributary to Bear Creek	mouth (T90N R3W Sec33) to headwaters (T90N R3W Sec32) Delaware Co	River	aquatic life	fish kill	fish kill in August 2005 caused by animal waste from an open feedlot	TMDL not required	slight to moderate
5b	IA 01-WPS-0270_0	Unnamed Tributary to Buffalo Creek	mouth (T89N R8W Sec24) to headwaters (T89N R7W Sec19) Buchanan Co.	river	aquatic life	fish kill	Runoff-related fish kill in 2005.	Low	slight to moderate
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.	river	general use	sewage	violation of narrative criteria: aesthetically objectionable conditions	Low	strong
4d	IA 01-WPS-0185_0	Unnamed Tributary to Crane Creek	mouth (T90N R11W Sec19 SW NW Black Hawk Co) to headwaters (T91N R12W Sec12 NW SW Bremer Co)	River	aquatic life	fish kill	Fish kill in August 2005 caused by accidental release of nitrogen fertilizer.	TMDL not required	slight to moderate
5b	IA 02-IOW-02611_0	Unnamed tributary to Drainage Ditch 55	mouth (T87N R22W Sec36) to headwaters (T87N R22W Sec34) Hardin Co.	river	aquatic life	fish kill	Fish kill in August 2006 caused by ammonia; source unknown.	Low	slight to moderate
4d	IA 01-WPS-010971_0	Unnamed Tributary to Fawn Creek	from mouth (NE 1/4 S11 T84N R4W Jones Co.) to headwaters in SE 1/4 S25 T85N R4W Jones Co.	River	aquatic life	fish kill	Fish kill in 2003 caused by untreated wastewater.	TMDL not required	slight to moderate

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	river	aquatic life	fish kill	Fish kill in August 2005; source of elevated ammonia not identified.	Low	slight to moderate
4d	IA 06-BSR-0074_0	Unnamed tributary to Otter Creek	from mouth (SW 1/4 S1 T98N R42W Osceola Co.) to headwaters in NW 1/4 S21 T99N R42W Osceola Co.	River	aquatic life	fish kill	Fish kill in August 2002 caused by runoff from open feedlot.	TMDL not required	slight to moderate
4d	IA 06-LSR-01485_0	Unnamed Tributary to Pierson Creek	mouth to headwaters	River	aquatic life	fish kill	Fish kill in November 2004 caused by fertilizer spill.	TMDL not required	slight to moderate
5b	IA 01-TRK-02415_0	Unnamed Tributary to Point Hollow Creek	mouth to headwaters (T90N R2W Sec9), Dubuque Co.	river	aquatic life	fish kill	Fish kill in 2004 caused by animal waste.	Low	slight to moderate
5b	IA 05-CHA-0057_0	Unnamed Tributary to Rathbun Reservoir	mouth at Rathbun Reservoir to headwaters (T70N R19W Sec 25) Appanoose Co.	river	aquatic life	fish kill	Fish kill in 2005 caused by spill of diesel fuel	Low	slight to moderate
5b	IA 02-IOW-0451_0	Unnamed Tributary to Short Creek	from mouth (T75N R04W Sec19) to headwaters(T75N R05W Sec36)	river	aquatic life	fish kill	Fish kill in June 2007 caused by animal waste.	Low	slight to moderate
5a	IA 01-TRK-03817_0	Unnamed tributary to Silver Cr	mouth (T95N, R5W, Sec 20) to headwaters (T95N, R5W, Sec 14) in Monona city limits	river	aquatic life	ammonia	Four of five samples exceed chronic criteria for ammonia.	Low	strong
5b	IA 03-SSK-0130_0	Unnamed Tributary to South Skunk River	from mouth (T86N R24W Sec24) to headwaters (T86N R23W Sec17) Hamilton Co.	river	general use	fish kill	Fish kill in November 2007 caused by animal waste.	Low	slight to moderate
4d	IA 06-LSR-01487_0	Unnamed Tributary to Unnamed Tributary to Pierson Creek	mouth to headwaters	River	aquatic life	fish kill	Fish kill in November 2004 caused by fertilizer spill.	TMDL not required	slight to moderate
4d	IA 02-IOW-01885_0	Unnamed Tributary to Walnut Creek	mouth to headwaters Poweshiek Co	River	aquatic life	fish kill	Fish kill in 2005 caused by broken underground fuel line.	TMDL not required	slight to moderate

4d	IA 01-TRK-02775_0	Unnamed Tributary to West Branch Cedar Creek	mouth (T93N R04W Sec 36 NW) to headwaters (T93N R04W Sec27 SE) Clayton Co	River	aquatic life	fish kill	Fish kill in August 2005 caused by animal waste from dairy feeding operation.	TMDL not required	slight to moderate
4d	IA 02-WFC-0150_0	Unnamed Tributary to West Fork Cedar River	mouth to headwaters Franklin Co	River	aquatic life	fish kill	fish kill in June 2005 caused by fertilizer spill	TMDL not required	slight to moderate
5p	IA 02-CED-01545_0	Unnamed Tributary West Branch Wapsinonoc Creek (aka Hoover Cr.)	from mouth (T79N R04W Sec08, Cedar Co.) to headwaters (T80N R05W Sec25, Johnson Co.)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
4c	IA 06-WEM-00422-L_0	Upper Blencoe Bend	Monona County S7T82NR46W 4 mi. SW of Blencoe.	Wetland	aquatic life	habitat alterations	dewatering related to river channel degradation following navigation development	TMDL not required	strong
4a	IA 06-LSR-02830-L_0	Upper Gar Lake	Dickinson County S29T99NR36W at E edge of Arnolds Park.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	slight to moderate
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.).	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion; geometric mean > WQ criterion	Medium	slight
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.).	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2008	Low	slight to moderate

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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion; geometric mean > WQ criterion	Medium	slight
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.	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2008	Low	slight to moderate
5a	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.	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate
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.	river	primary contact	bacteria	geometric mean > WQ criterion	Medium	slight
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.	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
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.).	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong

5a	IA 02-IOW-0335-L_0	Upper Pine Lake	Hardin County, S4,T87N,R19W, 0.5 mi E of Eldora.	lake	primary contact recreation	algae	aesthetically objectionable conditions: Chl-a trophic state index > 65.	High	slight to moderate
4a	IA 02-IOW-0335-L_0	Upper Pine Lake	Hardin County, S4,T87N,R19W, 0.5 mi E of Eldora.	lake	aquatic life	siltation	Excessive siltation impairing aquatic life uses.	TMDL completed & approved	slight to moderate
5a	IA 02-WIN-00465-L_0	Ventura Marsh	Cerro Gordo County, S19,T96N,R22W, at Ventura.	wetland	aquatic life	algae, turbidity	aesthetically objectionable conditions, in part, due to common carp	Low	slight to moderate
5a	IA 05-NOD-00930-L_0	Viking Lake	Montgomery County, S6,T71N,R36W, 4 mi. E of Stanton.	lake	primary contact recreation	algae, bacteria	aesthetically objectionable conditions: Chl-a trophic state index > 65; E. coli geometric mean > WQ criterion	Medium	strong
4a	IA 01-VOL-0010_1	Volga River	mouth (S36 T92N R4W Clayton Co.) to confluence with Cox Cr. in S21 T92N R5W Clayton Co.).	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
4a	IA 01-VOL-0010_2	Volga River	from confluence with Cox Cr. (S21 T92N R5W Clayton Co.) to bridge crossing in Volga (north line S10 T92N R6W Clayton Co.).	River	primary contact recreation	bacteria	geometric mean > WQ criterion	TMDL completed & approved	slight
5a	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.	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate
5a	IA 01-VOL-0020_1	Volga River	confluence with Brush Cr. (S26, T93N, R7W, Fayette Co.) to east corporate limit of Fayette (NE 1/4, S28, T93N, R8W, Fayette Co.)	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate

5a	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.	river	human health (fish consumption)	mercury (in fish)	issuance of a 1 meal per week fish consumption advisory in 2006	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
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.	river	aquatic life	fish kill	Fish kill in 1999 caused by animal waste.	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
5a	IA 03-SKU-00945-L_0	Walton Reservoir	Jefferson County, S30,T72N,R9W, at NE edge of Fairfield.	lake	drinking water	atrazine	average levels > atrazine MCL (3 ppb)	Low	strong
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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight

5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	slight to moderate
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.	river	primary contact recreation	bacteria	> 10% of samples exceed single-sample maximum criterion	Low	slight
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
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.	river	aquatic life	FW mussel decline, low IBI	> 50% decline in mussel species richness	Low	slight to moderate
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.	river	aquatic life	fish kill, low IBI	low biotic index; runoff-related fish kill in 2002; no cause or source identified	High	strong

5p	IA 01-UIA-0180_0	Waterloo Creek	mouth (S35, T100N, R6W, Allamakee Co.) to IA/MN state line (S9, T100N, R6W, Allamakee Co.)	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 05-GRA-0070_0	Weldon River	IA/MO line to Mormon Pool, Decatur Co.	river	aquatic life	low IBI	low biotic index	Low	strong
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4d	IA 01-TRK-0277_0	West Branch South Cedar Creek	mouth (S31 T93N R3W Clayton Co.) to confluence with unnamed tributary in S23 T93N R4W Clayton Co	River	aquatic life	fish kill	Fish kill in August 2005 caused by animal waste from dairy feeding operation.	TMDL not required	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	IA 03-SKU-0130_0	West Fork Crooked Creek	mouth to trib S21, T76N, R9W Washington Co.	river	aquatic life	fish kill	Fish kill in 2002; unknown cause	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5b	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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

5b	IA 06-LSR-0131_0	West Fork Little Sioux River	confluence with unnamed tributary in S3, T91N, R42W, Cherokee Co. to headwaters	river	aquatic life	fish kill	fish kill in 2004, potentially pollutant (animal waste) related	Low	slight to moderate
5b	IA 05-CHA-0064_0	West Jackson Creek	mouth to trib S31, T69N, R21W Wayne Co.	river	aquatic life	low IBI	low biotic index	High	strong
5a	IA 04-LDM-02690-L_0	West Lake (Osceola)	Clarke County, S13, T72N, R26W, approx 2 mi W of Osceola.	lake	aquatic life	low DO	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	IA 04-LDM-02690-L_0	West Lake (Osceola)	Clarke County, S13, T72N, R26W, approx 2 mi W of Osceola.	lake	drinking water	atrazine	average levels > atrazine MCL (3 ppb)	TMDL completed & approved	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
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.)	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
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.	river	aquatic life	fish kill	fish kill in 2001; caused by animal waste; no source identified.	Low	slight to moderate
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.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	strong
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.	river	aquatic life	fish kill	Fish kill in 2000; pollutant suspected but no cause/source identified.	Low	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate

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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Medium	slight
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.	river	aquatic life	low DO, low IBI	Violation of criteria for dissolved oxygen suggest declining water quality trend; low biotic index	Low	slight to moderate
4c	IA 04-LDM-0210_1	White Breast Creek	from confluence with Little White Breast Cr. (S11 T73N R22W Lucas Co.) to confluence with Brush Cr. in S22 T72N R23W Lucas Co.	River	aquatic life	low IBI, habitat alterations	Low biotic index believed due to habitat alterations.	TMDL not required	slight to moderate
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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5a	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County, S28,T75N,R14W, 4 mi SSW of Rose Hill.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Medium	slight to moderate
5a	IA 03-SSK-00118-L_0	White Oak Conservation Area Lake	Mahaska County, S28,T75N,R14W, 4 mi SSW of Rose Hill.	lake	primary contact recreation	algae, pH, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; > 10% of samples violate pH WQ criterion.	Medium	slight to moderate
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.	river	aquatic life	FW mussel decline	> 50% decline in mussel species richness	Low	strong
5p	IA 01-YEL-0125_0	Williams Creek	mouth (S9, T96N, R5W, Allamakee Co.) to confluence with unnamed tributary in S17, T96N, R5W, Allamakee Co.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight

4a	IA 04-LDM-01995-L_0	Williamson Pond	Lucas County S27T73NR21W 2 mi. E of Williamson.	Lake	primary contact recreation	algae, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65.	TMDL completed & approved	strong
5b	IA 06-FLO-0065_0	Willow Creek	from tributary in NE 1/4, S11, T93N, R44W, Plymouth Co. to headwaters.	river	aquatic life	fish kill	Fish kill in September 2003; caused by animal waste.	Low	slight to moderate
5b	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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
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.	river	aquatic life	fish kill, low IBI	Pollutant (animal waste)-caused fish kills in September 2001, September 2002, and August 2006; low biotic index.	Low	strong
5b	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.)	river	aquatic life	fish kill	Fish kills in September 2001 and September 2002; caused by animal waste.	Medium	slight to moderate
5a	IA 06-BOY-00405-L_0	Willow Lake	Harrison County, S6,T80N,R42W, 5 mi. NW of Woodbine.	lake	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	IA 05-PLA-00380-L_0	Wilson Park Lake	Taylor County, S28,T70N,R32W, 3 mi SSE of Lenox.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Low	slight to moderate
5a	IA 05-PLA-00380-L_0	Wilson Park Lake	Taylor County, S28,T70N,R32W, 3 mi SSE of Lenox.	lake	primary contact recreation	algae, pH	aesthetically objectionable conditions: Chl-a trophic state index > 65; > 10% of samples violate pH criterion.	Low	slight to moderate
5a	IA 05-PLA-00430-L_0	Windmill Lake	Taylor County, S36,T69N,R35W, 4 mi E of New Market.	lake	aquatic life	pH	> 10% of samples violate WQ criteria	Low	slight to moderate

5a	IA 05-PLA-00430-L_0	Windmill Lake	Taylor County, S36,T69N,R35W, 4 mi E of New Market.	lake	primary contact recreation	algae, pH, turbidity	aesthetically objectionable conditions: Chl-a & Secchi trophic state index > 65; > 10% of samples violate pH WQ criterion.	Low	slight to moderate
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5a	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5b	IA 02-WIN-0020_2	Winnebago River	from confluence with Pike Run (S25, T99N, R24W, Winnebago Co.) to the Iowa/Minnesota state line	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	moderate
5p	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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Low	slight
5b	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.	river	aquatic life	low IBI	low biotic index	Low	slight to moderate
4a	IA 04-LDM-0340_0	Yeader Creek	from upper end of Easter Lake (SE 1/4 S23 T78N R24W Polk Co.) to Fleur Drive near Des Moines airport (S29 T78N R24W Polk Co.)	River	aquatic life	priority organics	High levels of de-icers impacting biological communities	TMDL completed & approved	strong

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.	river	primary contact recreation	bacteria	geometric mean > WQ criterion	Medium	moderate
5b	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.	river	aquatic life	low IBI	low biotic index	High	slight to moderate
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.	river	aquatic life	low DO, low IBI	> 10% of samples violate WQ criteria	High	strong
5p	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.	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong
5a	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	river	aquatic life	low DO	> 10% of samples violate WQ criteria	High	slight to moderate
5p	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	river	primary contact recreation	bacteria	geometric mean >> WQ criterion	Low	strong
4a	IA 06-BOY-00510-L_0	Yellow Smoke Park Lake	Crawford County S6T83NR38W 2 mi NE of Denison.	Lake	aquatic life	siltation	Siltation problem in east arm of the lake.	TMDL completed & approved	slight to moderate