

Category 2b: at least one use met; at least one other use potentially impaired

April 25, 2013

Category 2b of Iowa's final 2012 Integrated Report (IR).

Category 2 waters: some of the designated uses are met but there is insufficient information to determine in the remaining designated uses are met.

Explanations of Subcategories for Integrated Report Category 2:

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

2b-c (calibrated): at least one designated use is met but biological monitoring in a stream of a size calibrated for IDNR's biological assessment protocol indicates a potential impairment

2b-u (uncalibrated): at least one designated use is met but biological monitoring in a stream of a size larger or smaller than calibrated for IDNR biological assessment protocol indicates a potential impairment

IR Categories and subcategories used in this table:

CATEGORY 1: all uses met

CATEGORY 2: some, but not all, uses met:

2a: at least one designated use is met, but insufficient information exists to determine if other uses are met.

2b: at least one use met; at least one other use potentially impaired

2b-c (calibrated): at least one designated use is met but biological monitoring in a stream of a size calibrated for IDNR's biological assessment protocol indicates a potential impairment

2b-u (uncalibrated): at least one designated use is met but biological monitoring in a stream of a size larger or smaller than calibrated for IDNR's biological assessment protocol indicates a potential impairment

CATEGORY 3: lack of sufficient information to determine whether use is met.

3a: insufficient data to determine whether the use is met

3b: insufficient data to determine whether any use is met but at least one use potentially impaired

3b-c (calibrated): biological monitoring in a stream of a size calibrated for IDNR's biological assessment protocol indicates a potential impairment; no other uses assessed.

3b-u (uncalibrated): biological monitoring in a stream of a size larger or smaller than calibrated for IDNR's biological assessment protocol indicates a potential impairment; no other uses assessed.

CATEGORY 4: use is impaired but a TMDL is not required:

4a: use is impaired but a TMDL has been prepared and approved by U.S. EPA

4c: at least one use impaired by a non-pollutant stressor

4d: fish kill impairment where administrative order has been to party responsible for kill

CATEGORY 5: used is impaired and a TMDL is required:

5a: impaired by a pollutant stressor, and a TMDL is required

5b: impairment is based on biological monitoring or fish kill investigation.

5b-t (tentative): biological monitoring in a stream of a size calibrated for IDNR's biological assessment protocol indicates a impairment, but confirmation monitoring is needed.

5b-v (verified): biological monitoring in a stream of a size larger or smaller than calibrated for IDNR's biological assessment protocol indicates impairment based on two sampling events within 5 years.

5p: a presumptively-applied beneficial use is impaired by a pollutant; TMDL required

Waterbodies are listed by subcategory and hydrologically by major basin and subbasin (i.e., by ADB Code) within each subcategory.

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ADBCode	Waterbody Name	Location Description	Water Body Type	Size (miles/ acres)	Primary Contact Recreation	Secondary Contact Recreation	Childrens recreational use	Aquatic life -game fish	Aquatic life-nongame fish	Coldwater Aquatic life	Lake/wetland aquatic life	Drinking water use	Human health /fish consumption	General Use
Northeast Iowa River Basins														
IA 01-MAQ-0235_0	Sand Creek	mouth (S9 T88N R5W Delaware Co. to Todds Cr. in S8 T88N R5W Delaware Co.	River	0.5	2b				2a					
IA 01-WPS-0020_3	Wapsipinicon River	from Pine Cr. (S28 T88N R8W Buchanan Co.) to confluence with Harter Cr. at Independence in NW 1/4 S34 T89N R9W Buchanan Co.	River	13.1	2a			2b					2a	
Iowa-Cedar River Basin														
IA 02-CED-00485-L_0	George Wyth Lake	Black Hawk County S6T89NR13W at N edge of Waterloo.	Lake	51	2b						2b		2a	
IA 02-CED-00490-L_0	Fisher Lake	Black Hawk County S8T89NR13W N edge of Waterloo	Lake	40							2b		2a	
IA 02-IOW-0060_3	Iowa River	from confluence with Deer Cr. at Tama (S34 T83N R15W Tama Co.) to confluence with Timber Cr. in S3 T83N R17W Marshall Co. excluding portions on Mesqwaki Settlement	River	18.5	2b			2a						3a
IA 02-IOW-0330-L_0	Lower Pine Lake	Hardin County S4T87NR19W 0.5 mi E of Eldora.	Lake	50	5a			2b					2a	
IA 02-IOW-0335-L_0	Upper Pine Lake	Hardin County S4T87NR19W 0.5 mi E of Eldora.	Lake	69	5a			2b						3a
IA 02-WFC-0090-L_0	Beeds Lake	Franklin County S20T92NR20W 2 mi W 1 mi N of Hampton	Lake	100	5a			2b					2a	
Des Moines/Raccoon River Basin														

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IA 04-EDM-0010_4	East Fork Des Moines River	from outfall of the Algona wastewater treatment plant (WWTP) to confluence with Buffalo Cr. in S20 T97N R28W Kossuth Co.	River	19.8	3a			2b					2a	
IA 04-LDM-00220-L_0	Ottumwa Park Ponds	Wapello Co. S25 T72N R14W at Ottumwa (total of five ponds)	Lake	37	3a						2b		2a	
IA 04-LDM-0280_1	Middle River	from confluence with Clanton Cr. (S28T76N R25W Warren Co.) to confluence with Bush Branch in S8 T75N R29W Madison Co.	River	47.5	3a			2b-c					2a	
IA 04-RAC-00105-L_0	Grays Lake	Polk County S7T78NR24W at Des Moines.	Lake	100	2a						2b		2a	
IA 04-RAC-0030_2	North Raccoon River	from confluence with Hickory Cr. (S17 T79N R27W Dallas Co.) to confluence with Swan Lake Branch in S28 T81N R28W Dallas Co.	River	15.5	3a			2b-u					2a	
IA 04-RAC-0180_1	South Raccoon River	from confluence with Middle Raccoon R. (S9 T78N R29W Dallas Co.) to confluence with Brushy Cr. in S22 T79N R31W Guthrie Co.	River	25.2	2b			2a					3a	
IA 04-UDM-0090_2	Des Moines River	from confluence with Pilot Cr. near Bradgate (S1 T92N R31W Pocahontas Co.) to confluence with Cylinder Cr. in NW 1/4 S28 T94N R31W Palo Alto Co.	River	14.7	3a			2b-u					2a	
IA 04-UDM-0180_1	Boone River	mouth (Webster Co.) to Hwy 17 in S18 T88N R25W Hamilton Co.	River	21.2	2a			2b-u					2a	
IA 04-UDM-0190_0	Boone River	White Fox Cr to Otter Cr (Wright Co.)	River	38.8	2b			2a					3a	

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IA 04-UDM-03395-L_0	Badger Lake	Webster County S19T90NR28W 4.5 mi N of Fort Dodge.	Lake	45	2a						2b		3a	
IA 04-UDM-03990-L_0	High Lake	Emmet County S14T98NR33W 4 mi. ESE of Wallingford.	Wetland	467	3a						2b		3a	
Southern Iowa River Basins														
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	18.6	5p			2b					3a	
IA 05-NSH-0020_3	East Nishnabotna River	from Page/Montgomery Co. line to state Highway 48 bridge approximately 1.5 miles north of Red Oak at east line of S8 T72N R38W Montgomery Co.	River	13.8	3a			2b-u					2a	
IA 05-NSH-00950-L_0	Little George Pond	Shelby County S19T79NR38W S edge of Harlan.	Lake	2							2b		2a	
Western Iowa River Basins														
IA 06-BOY-00263-L_0	Manteno Park Pond	Shelby County S2T81NR40W 8 mi NW of Defiance.	Lake	14	2a						2b		3a	
IA 06-FLO-0010_0	Floyd River	mouth to West Branch Floyd R. in S2 T91N R46W Plymouth Co.	River	21.6	5a			2b					3a	
IA 06-LSR-00315-L_0	Dog Creek Lake	O'Brien County S29T94NR39W 3 mi SE of Sutherland.	Lake	28	2a						2b		3a	