

United States Environmental Protection Agency

Region 7

2022 Decision Document



Iowa's Clean Water Act

Section 303(d) List

Water Quality Limited Segments Still Requiring TMDLs

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DECISION DOCUMENT OF THE 2022 IOWA CLEAN WATER ACT SECTION 303(d) LIST, WATER QUALITY LIMITED SEGMENTS STILL REQUIRING TMDLS

I. EXECUTIVE SUMMARY

On April 1, 2022, the Iowa Department of Natural Resources submitted its 2022 Clean Water Act Section 303(d) List to the United States Environmental Protection Agency for review. Following its review of Iowa's complete submittal, the EPA requested revisions which were submitted on April 8 and 11. In accordance with 40 CFR 130.7(d)(2), the EPA approves the final submission of Category 5 waters in Iowa's 2022 CWA Section 303(d) List, consisting of a total of 597 water bodies with 735 water body/pollutant combination impairments. This document summarizes the EPA's review and the basis for its decision.

The Clean Water Act Section 303(d)(1) directs states to identify those waters within their jurisdictions for which effluent limitations required by sections 301(b)(1)(A) and (B) are not stringent enough to implement any applicable water quality standard and to establish a priority ranking for such waters, taking into account the severity of the pollution and the uses to be made of such waters. These waters are defined as 'water quality limited segments' in 40 CFR 130.2. The CWA Section 303(d) requirements specify that pollutant loadings from both point and/or nonpoint sources apply to water quality limited segments. After a state submits its CWA Section 303(d) list of water quality limited segments to the EPA, the EPA is required to approve or disapprove that list.

In its submittal, the Iowa DNR included its assessment methodology to identify waters that do not meet the state's approved water quality standards and, therefore, are required to be included on its CWA Section 303(d) List. Water-quality data that meet the assessment criteria included within the state's 2022 revised methodology were evaluated by the Iowa DNR. The methodology establishes specific protocols and thresholds for assessing water bodies and addresses data sufficiency and quality requirements. The methodology contains procedures for assessing support of designated uses, including aquatic life and human health.

All waters which were included in Iowa's approved 2022 CWA Section 303(d) List will remain on the state's list, unless the Iowa DNR removes a water body from a future list with the EPA's approval. The Iowa DNR's submittal includes:

- water bodies which the Iowa DNR determined to be water quality limited segments pursuant to the state's listing methodology and included in the CWA Section 303(d) List
- water bodies on Iowa's previously approved 2020 CWA Section 303(d) List which were determined not to need TMDLs pursuant to the listing methodology and were removed from the list

While the guidelines, protocols, and requirements in state statute and the Iowa DNR listing methodology are useful tools for the Iowa DNR to use in identifying impaired waters, they are not the state's EPA-approved WQS. Hence, the EPA did not rely solely on the state's statute or the methodology in reviewing the Iowa DNR's list. Instead, the EPA reviewed all available information, including any information excluded under the state's methodology, to determine if the state's list was developed

consistent with the state's EPA-approved WQS. The EPA's review process followed a two-step analysis:

- The EPA reviewed the state's listing methodology, including data collection and data assessment requirements, to determine whether the methodology was a reasonable method for identifying water quality limited segments based on Iowa's EPA-approved WQS.
- Where the EPA was unsure whether the methodology was a reasonable method for identifying water quality limited segments, the Region requested additional information from the Iowa DNR to conduct further analysis.

Following the EPA's decision on Iowa's 2022 submission, the current CWA Section 303(d) List in Iowa contains:

- an approved 2022 CWA Section 303(d) List with new listings identified (Table 1)
- approved removals from the 2020 CWA Section 303(d) List with removals identified (Table 2)

The EPA's approval of the Iowa DNR's list extends to all water bodies on the list except those waters that may be located within Indian Country, as defined in 18 U.S.C. Section 1151. The EPA is taking no action to approve or disapprove the state's list with respect to those waters. The EPA, or eligible Indian Tribes, as appropriate, will retain responsibilities under Section 303(d) for those waters. In addition, the EPA approval actions of state lists do not constitute a finding of state and/or tribal jurisdiction over waters. The EPA offered consultation with Tribes on this action to Tribes with Tribal Lands within or adjacent to Iowa and posted the offer to the Tribal Consultation Opportunities Tracking System. The EPA received no comments or requests for consultation. Tribes interested in coordinating or consulting on Iowa waters on future listing cycles are encouraged to contact the EPA.

II. STATUTORY AND REGULATORY BACKGROUND

A. Identification of Water Quality Limited Segments for Inclusion on the CWA Section 303(d) List

The Clean Water Act Section 303(d)(1) directs states to identify those waters within their jurisdictions for which effluent limitations required by sections 301(b)(1)(A) and (B) are not stringent enough to implement any applicable water quality standard and to establish a priority ranking for such waters, taking into account the severity of the pollution and the uses to be made of such waters. These waters are defined as 'water quality limited segments' in 40 CFR 130.2. The CWA Section 303(d) requirements specify that pollutant loadings from both point and/or nonpoint sources apply to water quality limited segments.

The EPA regulations at 40 CFR 130.7(b)(1) provide that states do not need to list waters where the following controls are adequate to implement applicable standards:

- technology-based effluent limitations required by the CWA
- more stringent effluent limitations required by state or local authority
- other pollution control requirements required by state, local, or federal authority

B. Consideration of Existing and Readily Available Water Quality Related Data and Information

In developing their lists, states are required to assemble and evaluate all existing and readily available water quality related data and information, at a minimum considering existing and readily available data and information about the following categories of waters:

- waters identified as not meeting designated uses or threatened
- waters for which dilution calculations or predictive modeling indicate non-attainment of applicable standards
- waters for which water quality problems have been reported by governmental agencies, members of the public, or academic institutions
- waters identified as impaired or threatened in any CWA Section 319 nonpoint source assessment submitted to the EPA in accordance with 40 CFR 130.7(b)(5)

States are also required to consider any other existing or readily available data or information. The EPA's *2002 Recommended Framework for EPA Approval Decisions on 2002 State Section 303(d) List Submissions* describes categories of water quality related data and information that may be existing and readily available. While states are required to evaluate all existing and readily available water quality related data and information, states may decide to rely or not rely on particular data or information in determining whether to list particular waters.

In addition to requiring states to assemble and evaluate all existing and readily available water quality-related data and information, the EPA regulations at 40 CFR 130.7(b)(6) requires states to include documentation supporting decisions to rely or not rely on particular data and information and decisions to list or not list waters as part of their submissions to the EPA. Such documentation needs to include the following information:

- a description of the methodology used to develop the list
- a description of the data and information used to identify waters
- a rationale for any decision to not use any existing and readily available data and information
- any other reasonable information requested by the Region

C. Priority Ranking and Long-term Vision

The EPA regulations at 40 CFR 130.7(b) interpret the requirement in CWA Section 303(d)(1)(A) that states establish a priority ranking for listed waters, accounting for the severity of the pollution and the uses to be made of such waters. The regulations at 40 CFR 130.7(b)(4) further require states to prioritize impaired waters for TMDL development every two years. States may consider factors relevant to prioritizing waters, including immediate programmatic needs; vulnerability of aquatic habitats; degree of public interest and support; state or national policies and priorities; and aesthetic, recreational, or economic importance.

III. IOWA’S APPROACH TO IDENTIFYING WATERS FOR THE 2022 CLEAN WATER ACT SECTION 303(d)LIST

A. Iowa’s 2022 Integrated Report Format

The EPA guidance for states to meet requirements of CWA Section 303(d) recommends an Integrated Report format that combines CWA Sections 303(d) and 305(b). The Iowa DNR’s 2022 submission continues to follow this guidance. The following describes the five categories constituting Iowa’s IR and the number of water bodies assigned to each category:

- Category 1 consists of 15 water body segments attaining all designated uses and no use is threatened.
- Category 2 consists of 321 water body segments for which some, but not all, designated uses are attained and none are threatened. Attainment status of the remaining designated uses is unknown because data are insufficient to categorize a water body consistent with the state’s listing methodology.
- Category 3 consists of water body segments for which there are insufficient or no data and information to determine if a designated use is impaired or attained. This category contains 548 water bodies for which there is insufficient or no data to determine the status of all designated uses.
- Category 4 consists of water body segments for which one or more designated uses are impaired or threatened but establishment of a TMDL is not required. This category contains 221 water bodies with 278 water body/pollutant combinations.
- Category 5 consists of 597 water body segments for which one or more pollutants has caused, is suspected of causing, or is projected to cause an impairment or threat of impairment of one or more designated uses and the establishment of a TMDL is required. This category also includes segments for which impairment is indicated, but the cause or source is unknown, and segments for which the impairment is to a presumed use. In total this category contains 735 water body/pollutant combinations.

The state includes further sub-categories within Categories 3, 4, and 5.

Category 3 comprises sub-category 3b, which includes water body segments with ‘evaluated data’ suggesting a potential impairment. According to the Iowa DNR methodology, “waters 'evaluated' as impaired are identified as having insufficient data to determine whether beneficial uses are met.” Data determined by the Iowa DNR to be ‘evaluated data’ are not deemed of adequate quality or quantity to determine that a designated use is or is not met according to state WQS. The Iowa DNR’s use of ‘evaluated data’ for statistical analysis is allowed in the EPA’s guidance. The Iowa DNR uses this analysis to ensure statistical certainty before listing a water body segment as impaired. The Iowa DNR places sub-category 3b water body segments on a list of waters in need of further investigation.

The Iowa DNR defines the aquatic life uses of a stream segment with a watershed size within the calibration range of their biological assessment protocol as approximately 10 to 500 square miles. In order to incorporate this calibration into sub-category 3b, the category is further divided into –c (calibrated) and –u (uncalibrated) categories. The –c specification indicates the aquatic life use of a stream segment within the calibrated range of the biological assessment protocol has been assessed as potentially impaired. The –u specification indicates the aquatic life use of a stream segment with a

watershed size outside the calibrated range of the biological assessment protocol has been assessed as potentially impaired.

Category 4 is expanded into the four sub-categories a, b, c, and d. Sub-category 4a includes threatened or impaired waters which have a completed TMDL approved by the EPA. Sub-category 4b includes threatened or impaired waters for which “other required control measures are expected to result in the attainment of water quality standards.” Sub-category 4c includes waters where the “threat or impairment is not caused by a pollutant.” Sub-category 4d includes waters impaired by a fish kill where enforcement actions have been taken against a responsible party. Sub-categories 4a through 4c are recognized within the EPA’s guidance for the development of an IR; however, sub-category 4d constitutes a variation on the EPA’s guidance.

Additionally, Category 5 is expanded into the three sub-categories a, b, and p. Sub-category 5a indicates the cause of impairment is known, and a TMDL is required to address the impairment. Sub-category 5b indicates the cause of impairment, usually either a biological impairment or fish kill, is unknown and additional information is required before TMDL development. Sub-category 5b is further divided into –t (tentative) and –v (verified) categories. The –t category indicates a tentative biological impairment based upon insufficient information and further sampling is required to confirm the impairment. The –v category indicates a verified biological impairment based upon two or more biological sampling events in multiple years within the previous five years. Sub-category 5p was implemented in 2006 and indicates the impairment occurs on a segment presumptively designated for the highest level of primary contact recreation and aquatic life uses. Sub-category 5p applies to perennial streams and intermittent streams with perennial pools and requires a use attainability analysis to confirm that the presumptive uses apply to the segment.

The EPA’s review of all state categories and sub-categories was conducted within the context of listing a water body segment within Category 5 based on existing and readily available data and information. The information above regarding Categories 1 through 4 is provided for information purposes only because the EPA does not approve these categories. Only Category 5 listings or delistings are subject to the EPA’s review and approval.

B. Iowa’s 2022 Methodology

The *Methodology for Iowa’s 2022 Water Quality Assessment, Listing, and Reporting Pursuant to Sections 305(b) and 303(d) of the Federal Clean Water Act* guides the Iowa DNR’s evaluation of ‘existing and readily available water quality related data and information’ (40 CFR 130.7(b)(5)) and identification of water quality limited segments still requiring TMDLs (40 CFR 130.7(a)). As described previously, Category 5 of the 2022 list constitutes Iowa DNR’s list of impaired waters for purposes of CWA Section 303(d) and is subject to the EPA’s review and approval. The EPA is acting only on Category 5 waters.

Since the 2020 reporting cycle, the Iowa DNR made the following changes to their methodology:

- The Iowa DNR removed ‘partially supported’ from the assessments and methodology. Monitored assessments are regarded as either ‘fully supported’ or ‘not supported’. Evaluated assessments are regarded as either ‘fully supported’ or ‘waters in need of further information (WINOFI)’.
- The Iowa DNR assessed the bacteria for water bodies designated with a recreational use by calculating annual geometric means and annual single sample maximum violations. Samples

were assessed for a duration of one year over a three-year period for both analyses. Previously, the geometric mean was assessed for a duration of one year over a three-year period and the SSM was assessed over the combined three-year period.

- The Iowa DNR changed the fish kill methodology to require two fish kills in a five-year period for a ‘not supported’ segment. A segment with a single fish kill in a five-year period will be assessed as Category 3. Historic fish kill assessments were not modified based on this change.
- The Iowa DNR used available pH data to assess segments with the Class C drinking water use designation.

The EPA had no comments for the changes made to the Iowa DNR’s methodology. However, during its review, the EPA determined the methodology and assessment for nitrate in water bodies designated with a Class C drinking water use **is not consistent** with the Iowa DNR’s EPA-approved WQS. Despite this discrepancy, the EPA verified that this **did not impact** the listing or removal of water bodies from the Iowa DNR’s 2022 CWA Section 303(d) List. In order to comply with their EPA-approved WQS, the Iowa DNR should assess nitrate as a toxic and apply the prescribed maximum contaminant level to raw water samples in all future listing cycles.

According to the state’s methodology, the Iowa DNR used the following data sources to assess water quality conditions for the IR:

- physical, chemical, and biological data from ambient fixed station water quality monitoring networks conducted by the Iowa DNR and other agencies (e.g., the U.S. Geological Survey, the U.S. Army Corps of Engineers)
- data from water quality monitoring conducted by adjacent states on border rivers and waters flowing into the state
- data from the Iowa DNR’s ambient biological monitoring program as conducted in cooperation with the State Hygienic Laboratory at the University of Iowa
- data from the Iowa DNR-sponsored statewide lake monitoring project conducted by the State Hygienic Laboratory at the University of Iowa
- data from monitoring of bacterial indicators in rivers and at beaches of public-owned lakes
- data from programs monitoring fish tissue for toxic contaminants
- reports of pollutant-caused fish kills
- data from public water supplies on the quality of raw and finished water
- drinking water source assessments under Section 1453 of the Safe Drinking Water Act
- data from special studies of water quality and aquatic communities
- best professional judgment of the Iowa DNR staff
- results of volunteer monitoring
- water related information received from the public
- data for Iowa tributaries of the Upper Mississippi River generated by the Long-Term Resource Monitoring Program

Additionally, sources of all existing and readily available water quality related data and information to be considered specifically for developing the state’s list include, but are not limited to, the following:

- the Iowa DNR’s most recent 305(b) Report
- CWA Section 319 nonpoint source assessments
- dilution calculations, trend analyses, or predictive models for determining the physical, chemical, or biological integrity of streams, rivers, lakes, and estuaries
- water quality related data and water related information from local, state, territorial, or federal agencies (especially the U.S. Geological Survey’s National Water Quality Assessment Program and National Stream Quality Accounting Network), tribal governments, members of the public, and academic institutions

C. Coordination with Other States on the Mississippi and Missouri Rivers

The EPA’s *Guidance for 2006 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d), 305(b), and 314 of the Clean Water Act* recommends procedures for assessing waters shared between states with regard to water-quality data and list inconsistencies. The guidance further recommends that the EPA regional offices and Interstate Commissions, where applicable, assist in resolving inconsistencies for shared waters.

The Iowa DNR’s 2022 assessment methodology addresses the Iowa DNR’s data assembly and evaluation efforts in coordination with other state agencies for “border rivers and waters flowing into the state.” Due to an interstate agreement developed by the Upper Mississippi River Basin Association’s Water Quality Task Force, the Iowa DNR implemented uniform assessment reaches for the Iowa reach of the Upper Mississippi River for consistency among Minnesota, Missouri, Illinois, and Wisconsin. Data from water quality monitoring conducted by adjacent states on waters flowing into Iowa include data from Minnesota, Missouri, Nebraska, and South Dakota (Iowa DNR Methodology: Attachment 7, 2022). Continuing cooperation will improve states’ efforts to satisfy the CWA requirements for data assembly and evaluation for border rivers and waters flowing into the state.

IV. THE EPA’S ANALYSIS OF IOWA’S APPROACH TO LISTING WATERS FOR THE 2022 LIST

The EPA is approving the Iowa DNR’s 2022 list based on the requirements of CWA Section 303(d) and 40 CFR 130.7. The EPA’s action is based on its analysis of whether the Iowa DNR reasonably identified all water quality limited segments requiring a TMDL. To determine whether the Iowa DNR reasonably identified all such waters, the EPA evaluated the Iowa DNR’s submission to the EPA’s Assessment, Total Maximum Daily Load Tracking, and Implementation System (ATTAINS).

The Iowa DNR’s 2022 methodology identifies a general ‘cutoff date’ as the end of calendar year 2020 for data collection in support of the Iowa DNR’s water-quality data assessment. The EPA’s guidance recognizes the appropriateness of a reasonable data collection cutoff date allowing states to initiate actual data assessment and list preparation. Data not considered for the 2022 assessment should be considered for the 2024 assessment. Despite the application of a ‘cutoff date’ by the Iowa DNR for the development of the 2022 list, the Iowa DNR considered data submitted as part of the state’s public notice and comment period from February 19, 2022 through March 19, 2022. The EPA believes the Iowa DNR complied with the requirements of federal regulations at 40 CFR 130.7(b)(5) regarding the assembly and evaluation of all existing and readily available water-quality related data and information.

In 2000, the Iowa legislature enacted its “Credible Data Law” which sets out, in statute, minimum

requirements for the use of water-quality data for purposes of state WQS development and review, water quality assessment, changes to the state's CWA Section 303(d) List, determining designated use support or classification, identification of water quality degradation and establishment of Total Maximum Daily Loads. However, a listed water body will not be removed from the state's CWA Section 303(d) List simply because the data upon which the impairment was based have aged beyond five years; rather, water body removal requires demonstration of 'good cause' consistent with EPA's regulations in 40 CFR 130.7(b)(6)(iv).

The Iowa DNR's 2022 methodology also discusses treatment of water-quality related data collected more than five years prior to the current assessment period. Federal regulations and guidance recognize that, in some instances, older data might not reflect current water quality conditions. Where the state demonstrates 'good cause' for not including older data in the derivation of its list, federal regulations at 40 CFR 130.7(b)(6)(iv) provide for the state not including a water or waters on its list. However, a demonstration of 'good cause' relies on the state showing that there are changes in condition in the water body which result in older data not being representative of current water quality status. According to the Iowa DNR's 2022 methodology, there are no water bodies left off the list because the data were more than five years old. A listed water body will not be removed from the state's 303(d) list simply because the data upon which the impairment was based have aged beyond five years.

To confirm that the Iowa DNR's CWA Section 303(d) List was developed in a manner compliant with the requirements at 40 CFR 130.7 regarding the assembly and evaluation of all existing and readily available water quality related data and information, the EPA reviewed information contained in the Iowa DNR's ATTAINS submission to the EPA (including Category 5 listings and proposed delistings for waters), data files submitted by the state, and publicly accessible data.

V. THE EPA'S ANALYSIS OF CHANGES TO THE IOWA CLEAN WATER ACT SECTION 303(d) LIST

The EPA compared waters listed in Category 5 of the state's 2020 IR with waters listed in Category 5 of the state's 2022 IR to determine whether waters were removed from the list, pollutants identified as causing impairment were changed, or water body descriptions were changed. Such changes could constitute a change to the state's CWA Section 303(d) List and require the EPA's approval. As described earlier in this document, the Iowa DNR's 2022 CWA Section 303(d) List is a part of the state's IR. The IR format is consistent with the EPA's guidance and includes five categories of waters. Category 5 of the state's IR constitutes the state's 2022 CWA Section 303(d) List.

The EPA has reviewed the state's description of the data and information relied upon in developing the list, methodology for identifying water bodies, and responses to public comment for the 2022 CWA Section 303(d) List. In accordance with 40 CFR 130.7(d)(2), the EPA is approving the Iowa DNR's 2022 CWA Section 303(d) List, consisting of a total of 597 water bodies with 735 water body/pollutant combinations.

The EPA approves Iowa's CWA Section 303(d) List with modification to or removal of 48 water body/pollutant combinations consistent with requirements of 40 CFR 130.7(b)(6)(iv), the federal regulation providing for exclusion of waters from the CWA Section 303(d) List. These regulations require that the state 'demonstrate good cause' to exclude waters from the list. The reason for each modification or removal was included in the Iowa DNR's submission to the EPA and available through the Iowa DNR's ADBNet database. Following are general reasons cited for removal of water bodies

from the CWA Section 303(d) List:

- 1) An EPA-approved TMDL addresses the cause of impairment.
- 2) New data shows the water body is meeting WQS.
- 3) The state review identified flaws in original assessment listings that are attributable to errors associated with segment identifiers or use of inapplicable criteria.
- 4) An enforcement action has been undertaken to address the cause of a fish kill.

Below are rationales supporting changes to 48 water body/pollutant combinations (Table 2). Some waters have multiple pollutants and/or multiple causes for modification or removal, resulting in a representation of 41 water bodies.

1. Waters with EPA-approved TMDLs

There are nine water body/pollutant combinations for seven water bodies removed from the state's list because EPA-approved TMDLs have been developed for them. In each instance, either a TMDL was developed for the listed pollutant/condition or the Iowa DNR and the EPA agreed that the TMDL will address the listed pollutant/condition. In Iowa's IR, some waters continue to be listed in Category 5 for other pollutants/conditions or in other categories based on other water-quality data.

2. New Data Supports Change in Listing

There are 32 water body segments removed from the state's list based on new water-quality data indicating the use is supported for the specified pollutants.

3. Assessment Error

There are six water body segments removed from the state's list due to assessment error which led to inaccurately listing these water bodies in Category 5 of Iowa's 2020 CWA Section 303(d) List.

4. Enforcement Action Results in a Change in Condition to Address Fish Kill

There is one water body segment removed from the state's list because of legal action taken and restitution sought for fish kills. There have been no additional fish kills for this segment and the state has taken actions to address the cause of impairment.

Iowa previously listed Camp Creek (IA 04-LDM-1070) as impaired due to a fish kill caused by an herbicide spill. The responsible party was identified, restitution was sought and received, and training of operators was confirmed. Based upon the provided documentation, the Iowa DNR has demonstrated good cause for not including this water in its CWA Section 303(d) List.

VI. PRIORITY RANKING IN IOWA'S CLEAN WATER ACT SECTION 303(d) LIST

The Iowa DNR's submission of its 2022 CWA Section 303(d) List includes a priority ranking and anticipated TMDL development date for each water body as required in CWA Section 303(d)(1)(A) and 40 CFR 130.7(b)(4). These priorities are identified in ATTAINS on a low to high scale based on the reports for CWA sections 305(b) and 303(d).

In 2019, the state revised its Long-Term Vision for Assessment, Restoration, and Protection under the Clean Water Act Section 303(d) Program and identified the state's priorities through the year 2022. Additionally, the Iowa DNR's listing methodology summarizes how the state prioritized water bodies for purposes of establishing TMDLs within the first ten-year Vision. By September 2022, the state is expected to re-evaluate and submit their priorities to the EPA for the time period from 2023 to 2024.

VII. IOWA DNR'S PUBLIC PARTICIPATION PROCESS

The Iowa DNR placed the draft 2022 CWA Section 303(d) List on public notice from February 17, 2022 through March 19, 2022. The list was made available for public review and comment through Iowa DNR's ADBNet database. The Iowa DNR received comments from 15 individuals. The state responded to substantive comments specific to the 2022 IR and submitted a responsiveness summary to the EPA.

The EPA has reviewed Iowa's public participation process and concludes that the state provided adequate public notice, allowed opportunity for public comment, and complied with federal requirements regarding its CWA Section 303(d) List.

The Iowa DNR finalized its 2022 CWA Section 303(d) List and submitted it for approval on April 1, 2022 through ATTAINS. Following the review of Iowa's complete submittal, the EPA requested revisions and a final revised submittal of Category 5 waters was received April 11, 2022 through ATTAINS.

The submittal letter states that the ATTAINS submission is the official submittal, except in instances of discrepancy between ATTAINS and the provided Excel version of Iowa DNR's CWA Section 303(d) List. Should such discrepancies arise, the Iowa DNR's Excel version stands as the official submission.

VIII. IOWA DNR'S 2022 CLEAN WATER ACT SECTION 303(d) LIST

The Iowa DNR's 2022 CWA Section 303(d) List, as approved by the EPA, is presented in Table 1.

The EPA-approved water bodies removed from the Iowa DNR's 2022 CWA Section 303(d) List are presented in Table 2 with supporting rationale.

The following defined terms are used in the tables: aka - Also Known As; EPA - U.S. Environmental Protection Agency; PCBs - Polychlorinated biphenyls; and TMDL - Total Maximum Daily Load.

Table 1. The EPA-approved Iowa 2022 CWA Section 303(d) List.

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
1	Ashton Creek	IA 06-LSR-2048	Aquatic Life	Dissolved Oxygen	
2	Backbone Lake	IA 01-MAQ-20	Primary Contact Recreation	Escherichia coli (E. coli)	
3	Badger Lake	IA 04-UDM-1291	Primary Contact Recreation	Secchi Disk Transparency	
4	Bailey Creek	IA 02-WFC-820	Aquatic Life	Biological Integrity	
5	Ballard Creek	IA 03-SSK-3053	Aquatic Life	Fish Kill(s)	
6	Barringer Slough	IA 06-LSR-1631	Aquatic Life	Dissolved Oxygen	X
7	Bass Creek	IA 01-TRK-215	Primary Contact Recreation	Escherichia coli (E. coli)	
8	Bass Creek	IA 01-TRK-215	Aquatic Life	Thermal Modifications	
9	Bear Creek	IA 01-NMQ-1886	Aquatic Life	Fish Kill(s)	
10	Bear Creek	IA 01-UIA-251	Primary Contact Recreation	Escherichia coli (E. coli)	
11	Bear Creek	IA 01-VOL-297	Primary Contact Recreation	Escherichia coli (E. coli)	
12	Bear Creek	IA 01-YEL-440	Aquatic Life	Dissolved Oxygen	
13	Bear Creek	IA 02-CED-517	Primary Contact Recreation	Escherichia coli (E. coli)	
14	Bear Creek	IA 02-CED-523	Primary Contact Recreation	Escherichia coli (E. coli)	
15	Bear Creek	IA 02-IOW-702	Aquatic Life	Biological Integrity	
16	Bear Creek	IA 04-LDM-1947	Aquatic Life	Dissolved Oxygen	
17	Beaver Creek	IA 01-UIA-286	Primary Contact Recreation	Escherichia coli (E. coli)	
18	Beaver Creek	IA 01-UIA-286	Aquatic Life	Thermal Modifications	
19	Beaver Creek	IA 02-CED-555	Primary Contact Recreation	Escherichia coli (E. coli)	
20	Beaver Creek	IA 02-CED-557	Aquatic Life	Benthic Macroinvertebrates	
21	Beaver Creek	IA 02-CED-582	Aquatic Life	Benthic Macroinvertebrates	
22	Beaver Creek	IA 02-IOW-753	Aquatic Life	Dissolved Oxygen	
23	Beaver Creek	IA 04-UDM-1233	Primary Contact Recreation	Escherichia coli (E. coli)	
24	Beeds Lake	IA 02-WFC-818	Primary Contact Recreation	Chlorophyll-a	
25	Beeds Lake	IA 02-WFC-818	Primary Contact Recreation	Secchi Disk Transparency	X

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
26	Big Creek	IA 04-UDM-1243	Primary Contact Recreation	Escherichia coli (E. coli)	
27	Big Creek	IA 04-UDM-6540	Primary Contact Recreation	Escherichia coli (E. coli)	
28	Big Creek Lake	IA 04-UDM-1242	Primary Contact Recreation	Chlorophyll-a	
29	Big Hollow Creek	IA 02-ICD-602	Aquatic Life	Fish Kill(s)	
30	Big Hollow Lake	IA 02-ICD-6496	Aquatic Life, Primary Contact Recreation	pH	
31	Big Hollow Lake	IA 02-ICD-6496	Primary Contact Recreation	Secchi Disk Transparency	X
32	Big Sioux River	IA 06-BSR-1522	Aquatic Life	Fish Kill(s)	
33	Big Wall Lake	IA 02-IOW-656	Aquatic Life	Dissolved Oxygen	X
34	Big Wall Lake	IA 02-IOW-656	Aquatic Life	pH	
35	Black Hawk Creek	IA 02-CED-546	Aquatic Life	Benthic Macroinvertebrates	
36	Black Hawk Creek	IA 02-CED-546	Primary Contact Recreation	Escherichia coli (E. coli)	
37	Black Hawk Creek	IA 02-CED-550	Primary Contact Recreation	Escherichia coli (E. coli)	
38	Black Hawk Lake	IA 04-RAC-1134	Primary Contact Recreation	Escherichia coli (E. coli)	
39	Bloody Run	IA 01-YEL-433	Primary Contact Recreation	Escherichia coli (E. coli)	
40	Blue Creek	IA 02-CED-518	Primary Contact Recreation	Escherichia coli (E. coli)	
41	Bob White Lake	IA 05-CHA-1338	Primary Contact Recreation	Escherichia coli (E. coli)	
42	Bohemian Creek	IA 01-TRK-221	Primary Contact Recreation	Escherichia coli (E. coli)	
43	Boone River	IA 04-UDM-1252	Primary Contact Recreation	Escherichia coli (E. coli)	
44	Boone River	IA 04-UDM-1256	Aquatic Life	Fish Kill(s)	
45	Boyer River	IA 06-BOY-1502	Primary Contact Recreation	Escherichia coli (E. coli)	
46	Boyer River	IA 06-BOY-1502	Aquatic Life	Selenium	
47	Briggs Woods Lake	IA 04-UDM-1255	Aquatic Life, Primary Contact Recreation	pH	
48	Brockamp Creek	IA 01-TRK-217	Primary Contact Recreation	Escherichia coli (E. coli)	
49	Broken Kettle Creek	IA 06-BSR-1529	Aquatic Life	Biological Integrity	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
50	Brophy Creek	IA 01-WPS-358	Aquatic Life	Benthic Macroinvertebrates	
51	Browns Lake	IA 06-WEM-1735	Primary Contact Recreation	Turbidity	
52	Brush Creek	IA 01-VOL-317	Primary Contact Recreation	Escherichia coli (E. coli)	
53	Brush Creek	IA 01-VOL-318	Aquatic Life	Benthic Macroinvertebrates	
54	Brushy Creek	IA 04-RAC-1208	Aquatic Life	Fish Kill(s)	
55	Brushy Creek	IA 04-RAC-1209	Aquatic Life	Fish Kill(s)	
56	Brushy Creek	IA 04-RAC-1818	Aquatic Life	Fish Kill(s)	
57	Brushy Creek Lake	IA 04-UDM-1276	Primary Contact Recreation	Escherichia coli (E. coli)	
58	Buck Creek	IA 01-MAQ-45	Aquatic Life	Benthic Macroinvertebrates	
59	Buffalo Creek	IA 04-EDM-985	Aquatic Life	Fish Bioassessments	
60	Buffalo Creek	IA 04-EDM-986	Aquatic Life	Fish Bioassessments	
61	Burr Oak Creek	IA 02-CED-580	Aquatic Life	Benthic Macroinvertebrates	
62	Burr Oak Creek	IA 02-CED-581	Aquatic Life	Benthic Macroinvertebrates	
63	Buttermilk Creek	IA 04-UDM-1826	Primary Contact Recreation	Escherichia coli (E. coli)	
64	Calmus Creek	IA 02-WIN-845	Aquatic Life	Biological Integrity	
65	Candlelight Creek	IA 01-NEM-6372	Primary Contact Recreation	Escherichia coli (E. coli)	
66	Canoe Creek	IA 01-UIA-260	Primary Contact Recreation	Escherichia coli (E. coli)	
67	Catfish Creek	IA 01-TRK-124	Primary Contact Recreation	Escherichia coli (E. coli)	
68	Catfish Creek	IA 01-TRK-125	Primary Contact Recreation	Escherichia coli (E. coli)	
69	Catfish Creek	IA 01-TRK-125	Aquatic Life	Fish Kill(s)	
70	Cedar Creek	IA 03-SKU-6549	Primary Contact Recreation	Escherichia coli (E. coli)	
71	Cedar Creek	IA 03-SKU-905	Primary Contact Recreation	Escherichia coli (E. coli)	
72	Cedar Creek	IA 04-LDM-1053	Primary Contact Recreation	Escherichia coli (E. coli)	
73	Cedar Creek	IA 04-LDM-1054	Aquatic Life	Fish Bioassessments	
74	Cedar River	IA 02-CED-449	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
75	Cedar River	IA 02-CED-451	Aquatic Life	Benthic Macroinvertebrates	
76	Cedar River	IA 02-CED-456	Aquatic Life	Copper	X
77	Cedar River	IA 02-CED-462	Primary Contact Recreation	Escherichia coli (E. coli)	
78	Cedar River	IA 02-CED-469	Primary Contact Recreation	Escherichia coli (E. coli)	
79	Cedar River	IA 02-CED-470	Primary Contact Recreation	Escherichia coli (E. coli)	
80	Cedar River	IA 02-CED-472	Primary Contact Recreation	Escherichia coli (E. coli)	
81	Cedar River	IA 02-CED-477	Primary Contact Recreation	Escherichia coli (E. coli)	
82	Cedar River	IA 02-CED-477	Human Health	Mercury - Fish Consumption Advisory	
83	Cedar River	IA 02-CED-478	Human Health	Mercury - Fish Consumption Advisory	
84	Cedar River	IA 02-CED-479	Human Health	Mercury - Fish Consumption Advisory	
85	Center Lake	IA 06-LSR-1663	Primary Contact Recreation	Chlorophyll-a	
86	Centerville Reservoir Upper	IA 05-CHA-1318	Human Health	Mercury - Fish Consumption Advisory	
87	Central Park Lake	IA 01-MAQ-38	Primary Contact Recreation	Chlorophyll-a	
88	Chariton Creek	IA 05-CHA-1313	Primary Contact Recreation	Escherichia coli (E. coli)	
89	Chariton River	IA 05-CHA-1307	Primary Contact Recreation	Escherichia coli (E. coli)	
90	Chariton River	IA 05-CHA-1308	Primary Contact Recreation	Escherichia coli (E. coli)	
91	Chariton River	IA 05-CHA-1310	Primary Contact Recreation	Escherichia coli (E. coli)	
92	Chariton River	IA 05-CHA-1310	Aquatic Life	Fish Bioassessments	
93	Chariton River	IA 05-CHA-1311	Aquatic Life	Biological Integrity	
94	Chariton River	IA 05-CHA-1311	Primary Contact Recreation	Escherichia coli (E. coli)	
95	Chariton River	IA 05-CHA-1312	Primary Contact Recreation	Escherichia coli (E. coli)	
96	Chatfield Lake	IA 03-SKM-886	Human Health	Mercury - Fish Consumption Advisory	X
97	Clark Creek	IA 01-UIA-6437	Aquatic Life	Fish Kill(s)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
98	Clear Creek	IA 01-UIA-249	Primary Contact Recreation	Escherichia coli (E. coli)	
99	Cloie Branch	IA 01-TRK-134	Aquatic Life	Benthic Macroinvertebrates	
100	Cloie Branch	IA 01-TRK-134	Aquatic Life	Dissolved Oxygen	
101	Cloie Branch	IA 01-TRK-134	Aquatic Life	Temperature	
102	Coffins Creek	IA 01-MAQ-51	Primary Contact Recreation	Escherichia coli (E. coli)	
103	Coldwater Creek	IA 01-UIA-280	Primary Contact Recreation	Escherichia coli (E. coli)	
104	Coon Creek	IA 01-UIA-265	Primary Contact Recreation	Escherichia coli (E. coli)	
105	Cooper Creek	IA 05-CHA-1323	Aquatic Life	Benthic Macroinvertebrates	
106	Coralville Reservoir	IA 02-IOW-630	Primary Contact Recreation	Escherichia coli (E. coli)	
107	Coralville Reservoir	IA 02-IOW-630	Primary Contact Recreation	Turbidity	
108	Cottonwood Drain	IA 02-ICD-605	Aquatic Life	Biological Integrity	
109	Cox Creek (aka Alderson Hollow)	IA 01-VOL-303	Primary Contact Recreation	Escherichia coli (E. coli)	
110	Cox Creek (aka Alderson Hollow)	IA 01-VOL-304	Aquatic Life	Benthic Macroinvertebrates	
111	Crane Creek	IA 01-TRK-210	Primary Contact Recreation	Escherichia coli (E. coli)	
112	Crane Creek	IA 01-TRK-211	Primary Contact Recreation	Escherichia coli (E. coli)	
113	Crane Creek	IA 01-TRK-212	Primary Contact Recreation	Escherichia coli (E. coli)	
114	Crane Creek	IA 01-TRK-213	Aquatic Life	Benthic Macroinvertebrates	
115	Crow Creek	IA 01-NEM-86	Primary Contact Recreation	Escherichia coli (E. coli)	
116	Dan Greene Slough	IA 06-LSR-1634	Aquatic Life	Dissolved Oxygen	X
117	Dan Greene Slough	IA 06-LSR-1634	Aquatic Life	pH	X
118	Deep Creek	IA 06-FLO-1562	Aquatic Life	Biological Integrity	
119	Deer Creek	IA 02-CED-591	Primary Contact Recreation	Escherichia coli (E. coli)	
120	Des Moines River	IA 04-LDM-1002	Primary Contact Recreation	Escherichia coli (E. coli)	
121	Des Moines River	IA 04-LDM-1003	Primary Contact Recreation	Escherichia coli (E. coli)	
122	Des Moines River	IA 04-LDM-1004	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
123	Des Moines River	IA 04-LDM-1004	Aquatic Life	Fish Kill(s)	
124	Des Moines River	IA 04-LDM-1005	Aquatic Life	Fish Kill(s)	
125	Des Moines River	IA 04-LDM-1010	Primary Contact Recreation	Escherichia coli (E. coli)	
126	Des Moines River	IA 04-LDM-1010	Aquatic Life	Fish Kill(s)	
127	Des Moines River	IA 04-UDM-1214	Primary Contact Recreation	Escherichia coli (E. coli)	
128	Des Moines River	IA 04-UDM-1215	Primary Contact Recreation	Escherichia coli (E. coli)	
129	Des Moines River	IA 04-UDM-1216	Primary Contact Recreation	Escherichia coli (E. coli)	
130	Des Moines River	IA 04-UDM-1217	Primary Contact Recreation	Escherichia coli (E. coli)	
131	Des Moines River	IA 04-UDM-1219	Primary Contact Recreation	Escherichia coli (E. coli)	
132	Des Moines River	IA 04-UDM-1220	Primary Contact Recreation	Escherichia coli (E. coli)	
133	Des Moines River	IA 04-UDM-1220	Human Health	Mercury - Fish Consumption Advisory	
134	Des Moines River	IA 04-UDM-1221	Human Health	Mercury - Fish Consumption Advisory	
135	Des Moines River	IA 04-UDM-1222	Human Health	Mercury - Fish Consumption Advisory	
136	Des Moines River	IA 04-UDM-1223	Human Health	Mercury - Fish Consumption Advisory	
137	Desoto Bend	IA 06-WEM-1716	Primary Contact Recreation	Chlorophyll-a	
138	Desoto Bend	IA 06-WEM-1716	Primary Contact Recreation	Turbidity	
139	Diamond Lake	IA 03-NSK-861	Aquatic Life	Chlorophyll-a	
140	Diamond Lake	IA 06-LSR-1672	Aquatic Life	pH	
141	Dibble Creek	IA 01-TRK-202	Primary Contact Recreation	Escherichia coli (E. coli)	
142	Dick Creek	IA 05-CHA-1336	Aquatic Life	Biological Integrity	
143	Dousman Creek	IA 01-YEL-438	Aquatic Life	Dissolved Oxygen	
144	Drainage Ditch 81	IA 02-IOW-6551	Aquatic Life	Dissolved Oxygen	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
145	Drainage Ditch 97	IA 04-UDM-6494	Aquatic Life	Fish Kill(s)	
146	Dry Branch	IA 01-TRK-2002	Primary Contact Recreation	Escherichia coli (E. coli)	
147	Dry Creek	IA 02-CED-507	Primary Contact Recreation	Escherichia coli (E. coli)	
148	Dry Creek	IA 06-BSR-1878	Aquatic Life	Biological Integrity	
149	Dry Creek	IA 06-BSR-1878	Aquatic Life	Fish Kill(s)	
150	Dry Mill Creek	IA 01-TRK-189	Primary Contact Recreation	Escherichia coli (E. coli)	
151	Dry Run	IA 01-UIA-272	Primary Contact Recreation	Escherichia coli (E. coli)	
152	Dry Run	IA 01-UIA-272	Aquatic Life	Thermal Modifications	
153	Dry Run	IA 02-CED-554	Aquatic Life	Biological Integrity	
154	Dry Run	IA 02-CED-554	Primary Contact Recreation	Escherichia coli (E. coli)	
155	Dry Run	IA 02-CED-6293	Primary Contact Recreation	Escherichia coli (E. coli)	
156	Dry Run (North Branch)	IA 02-CED-2063	Primary Contact Recreation	Escherichia coli (E. coli)	
157	Dry Run (South Branch)	IA 02-CED-2062	Primary Contact Recreation	Escherichia coli (E. coli)	
158	Dry Run Creek	IA 01-UIA-6552	Primary Contact Recreation	Escherichia coli (E. coli)	
159	Duck Creek	IA 01-UIA-254	Primary Contact Recreation	Escherichia coli (E. coli)	
160	East Branch Blue Creek	IA 02-CED-1880	Aquatic Life	Fish Kill(s)	
161	East Branch Buffalo Creek	IA 01-WPS-380	Aquatic Life	Dissolved Oxygen	
162	East Branch Iowa River	IA 02-IOW-769	Aquatic Life	Benthic Macroinvertebrates	
163	East Branch West Nishnabotna River	IA 05-NSH-1823	Aquatic Life	Biological Integrity	X
164	East Fork Medicine Creek	IA 05-GRA-1350	Aquatic Life	Biological Integrity	
165	East Nishnabotna River	IA 05-NSH-1414	Primary Contact Recreation	Escherichia coli (E. coli)	
166	East Nishnabotna River	IA 05-NSH-1415	Primary Contact Recreation	Escherichia coli (E. coli)	
167	East Nodaway River	IA 05-NOD-1391	Aquatic Life	Biological Integrity	
168	East Nodaway River	IA 05-NOD-1391	Primary Contact Recreation	Escherichia coli (E. coli)	
169	East Nodaway River	IA 05-NOD-1392	Aquatic Life	Fish Bioassessments	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
170	East Pine Creek	IA 01-UIA-279	Aquatic Life	Benthic Macroinvertebrates	
171	Eldred Sherwood Lake	IA 02-IOW-773	Primary Contact Recreation	Escherichia coli (E. coli)	
172	Elk Creek	IA 01-TRK-175	Primary Contact Recreation	Escherichia coli (E. coli)	
173	Elk Lake	IA 06-LSR-1629	Aquatic Life	Chlorophyll-a	
174	Elk Lake	IA 06-LSR-1629	Aquatic Life	pH	
175	Elk Lake	IA 06-LSR-1629	Aquatic Life	Total Suspended Solids (TSS)	
176	Elk Run	IA 04-RAC-1161	Aquatic Life	Fish Kill(s)	
177	Elm Lake	IA 02-IOW-657	Aquatic Life	Chlorophyll-a	
178	Elm Lake	IA 02-IOW-657	Aquatic Life	pH	
179	Elm Lake	IA 02-IOW-657	Aquatic Life	Total Suspended Solids (TSS)	
180	English Creek	IA 04-LDM-1057	Aquatic Life	Benthic Macroinvertebrates	
181	Fivemile Creek	IA 05-CHA-1341	Primary Contact Recreation	Escherichia coli (E. coli)	
182	Flood Creek	IA 02-SHL-788	Primary Contact Recreation	Escherichia coli (E. coli)	
183	Floyd River	IA 06-FLO-1552	Primary Contact Recreation	Escherichia coli (E. coli)	
184	Floyd River	IA 06-FLO-1552	Aquatic Life	Selenium	
185	Floyd River	IA 06-FLO-1553	Aquatic Life	Fish Bioassessments	
186	Floyd River	IA 06-FLO-1554	Aquatic Life	Biological Integrity	
187	Floyd River	IA 06-FLO-6266	Aquatic Life	Fish Kill(s)	
188	Fourmile Lake	IA 04-UDM-1752	Aquatic Life	Dissolved Oxygen	X
189	Fox River	IA 04-FOX-994	Aquatic Life	Fish Bioassessments	
190	Fox River	IA 04-FOX-995	Primary Contact Recreation	Escherichia coli (E. coli)	
191	Fox River	IA 04-FOX-995	Aquatic Life	Fish Bioassessments	
192	French Creek	IA 01-UIA-248	Primary Contact Recreation	Escherichia coli (E. coli)	
193	Geode Lake	IA 03-SKU-896	Human Health	Mercury - Fish Consumption Advisory	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
194	George Wyth Lake	IA 02-CED-465	Primary Contact Recreation	Secchi Disk Transparency	X
195	Grade Lake	IA 04-LDM-6311	Human Health	Mercury - Fish Consumption Advisory	
196	Granger Creek	IA 01-TRK-127	Secondary Contact Recreation	Escherichia coli (E. coli)	
197	Grannis Creek	IA 01-VOL-322	Primary Contact Recreation	Escherichia coli (E. coli)	
198	Grays Lake	IA 04-RAC-1118	Primary Contact Recreation	Secchi Disk Transparency	X
199	Gustafson Lake	IA 06-LSR-1625	Primary Contact Recreation	Escherichia coli (E. coli)	
200	Gustafson Lake	IA 06-LSR-1625	Primary Contact Recreation	Secchi Disk Transparency	X
201	Hannen Lake	IA 02-IOW-704	Aquatic Life	Dissolved Oxygen	X
202	Hawthorn Lake	IA 03-NSK-862	Primary Contact Recreation	Chlorophyll-a	
203	Hecker Creek	IA 01-YEL-447	Aquatic Life	Chloride	
204	Hecker Creek	IA 01-YEL-447	Aquatic Life	Fish Bioassessments	
205	Hewett Creek	IA 01-VOL-307	Aquatic Life	Benthic Macroinvertebrates	
206	Hewett Creek	IA 01-VOL-307	Primary Contact Recreation	Escherichia coli (E. coli)	
207	Hewett Creek	IA 01-VOL-307	Aquatic Life	Thermal Modifications	
208	Hickory Creek	IA 01-NMQ-110	Aquatic Life	Biological Integrity	
209	Hickory Creek	IA 01-YEL-441	Aquatic Life	Dissolved Oxygen	
210	Hickory Grove Lake	IA 03-SSK-950	Primary Contact Recreation	Secchi Disk Transparency	X
211	High Lake	IA 04-UDM-1304	Aquatic Life	Chlorophyll-a	
212	High Lake	IA 04-UDM-1304	Aquatic Life	Total Suspended Solids (TSS)	
213	Holland Creek	IA 02-CED-552	Primary Contact Recreation	Escherichia coli (E. coli)	
214	Holland Creek	IA 02-CED-6491	Primary Contact Recreation	Escherichia coli (E. coli)	
215	Honey Creek	IA 01-MAQ-53	Primary Contact Recreation	Escherichia coli (E. coli)	
216	Honey Creek	IA 01-MAQ-6560	Primary Contact Recreation	Escherichia coli (E. coli)	
217	Honey Creek	IA 05-CHA-1337	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
218	Honey Creek	IA 05-CHA-2019	Primary Contact Recreation	Escherichia coli (E. coli)	
219	Howard Creek	IA 01-TRK-191	Primary Contact Recreation	Escherichia coli (E. coli)	
220	Indian Creek	IA 02-CED-504	Aquatic Life	Benthic Macroinvertebrates	
221	Indian Creek	IA 02-CED-504	Primary Contact Recreation	Escherichia coli (E. coli)	
222	Indian Creek	IA 02-CED-505	Primary Contact Recreation	Escherichia coli (E. coli)	
223	Indian Creek	IA 03-SSK-943	Aquatic Life	Benthic Macroinvertebrates	
224	Indian Creek	IA 03-SSK-943	Primary Contact Recreation	Escherichia coli (E. coli)	
225	Indian Creek	IA 05-NSH-1425	Aquatic Life	Biological Integrity	
226	Indian Creek	IA 06-BSR-1531	Primary Contact Recreation	Escherichia coli (E. coli)	
227	Iowa Lake	IA 02-IOW-677	Primary Contact Recreation	Escherichia coli (E. coli)	
228	Iowa Lake	IA 02-IOW-677	Human Health	Mercury - Fish Consumption Advisory	
229	Iowa River	IA 02-IOW-624	Aquatic Life	Benthic Macroinvertebrates	
230	Iowa River	IA 02-IOW-633	Human Health	Mercury - Fish Consumption Advisory	
231	Iowa River	IA 02-IOW-634	Human Health	Mercury - Fish Consumption Advisory	
232	Iowa River	IA 02-IOW-635	Human Health	Mercury - Fish Consumption Advisory	
233	Iowa River	IA 02-IOW-638	Human Health	Mercury - Fish Consumption Advisory	
234	Iowa River	IA 02-IOW-639	Human Health	Mercury - Fish Consumption Advisory	
235	Iowa River	IA 02-IOW-640	Primary Contact Recreation	Escherichia coli (E. coli)	
236	Iowa River	IA 02-IOW-640	Human Health	Mercury - Fish Consumption Advisory	
237	Iowa River	IA 02-IOW-641	Human Health	Mercury - Fish Consumption Advisory	
238	Iowa River	IA 02-IOW-642	Human Health	Mercury - Fish Consumption Advisory	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
239	Iowa River	IA 02-IOW-644	Human Health	Mercury - Fish Consumption Advisory	
240	Iowa River	IA 02-IOW-645	Human Health	Mercury - Fish Consumption Advisory	
241	Iowa River	IA 02-IOW-646	Human Health	Mercury - Fish Consumption Advisory	
242	Iowa River	IA 02-IOW-647	Human Health	Mercury - Fish Consumption Advisory	
243	Iowa River	IA 02-IOW-648	Human Health	Mercury - Fish Consumption Advisory	
244	Irish Hollow Creek	IA 01-UIA-247	Aquatic Life	Benthic Macroinvertebrates	
245	Jackson Creek	IA 05-CHA-1332	Aquatic Life	Biological Integrity	
246	Jackson Creek	IA 05-CHA-1332	Primary Contact Recreation	Escherichia coli (E. coli)	
247	Johns Creek	IA 01-NMQ-105	Aquatic Life	Benthic Macroinvertebrates	
248	Johns Creek	IA 06-LSR-1605	Aquatic Life	Fish Bioassessments	
249	Jordan Creek	IA 05-CHA-1330	Aquatic Life	Biological Integrity	
250	Jordan Creek	IA 05-CHA-1330	Primary Contact Recreation	Escherichia coli (E. coli)	
251	Keg Creek	IA 06-WED-1686	Aquatic Life	Fish Bioassessments	
252	Keg Creek	IA 06-WED-1687	Aquatic Life	Biological Integrity	
253	Lake Ahquabi	IA 04-LDM-1080	Primary Contact Recreation	Secchi Disk Transparency	X
254	Lake Anita	IA 05-NSH-1435	Primary Contact Recreation	Cyanobacteria Hepatotoxic Microcystins	
255	Lake Darling	IA 03-SKU-924	Primary Contact Recreation	Escherichia coli (E. coli)	
256	Lake Hendricks	IA 01-WPS-356	Primary Contact Recreation	Chlorophyll-a	
257	Lake Hendricks	IA 01-WPS-356	Aquatic Life, Primary Contact Recreation	pH	
258	Lake Keomah	IA 03-SSK-930	Primary Contact Recreation	Escherichia coli (E. coli)	
259	Lake Keomah	IA 03-SSK-930	Human Health	Mercury - Fish Consumption Advisory	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
260	Lake Macbride	IA 02-IOW-629	Primary Contact Recreation	Chlorophyll-a	
261	Lake Macbride	IA 02-IOW-629	Primary Contact Recreation	Escherichia coli (E. coli)	
262	Lake Manawa	IA 06-WEM-1711	Primary Contact Recreation	Chlorophyll-a	
263	Lake Manawa	IA 06-WEM-1711	Primary Contact Recreation	Turbidity	
264	Lake Miami	IA 04-LDM-1016	Human Health	Mercury - Fish Consumption Advisory	
265	Lake Miami	IA 04-LDM-1016	Aquatic Life, Primary Contact Recreation	pH	X
266	Lake of Three Fires	IA 05-PLA-1476	Aquatic Life	Dissolved Oxygen	
267	Lake of Three Fires	IA 05-PLA-1476	Aquatic Life, Drinking Water, Primary Contact Recreation	pH	
268	Lake Pahoja	IA 06-BSR-1532	Primary Contact Recreation	Escherichia coli (E. coli)	
269	Lake Petocka (formerly Lake Patoka)	IA 03-SSK-1918	Aquatic Life	Fish Kill(s)	
270	Lake Wapello	IA 04-LDM-1035	Human Health	Mercury - Fish Consumption Advisory	
271	Lime Creek	IA 02-CED-524	Primary Contact Recreation	Escherichia coli (E. coli)	
272	Lime Creek	IA 02-CED-525	Primary Contact Recreation	Escherichia coli (E. coli)	
273	Lindsey Creek	IA 01-MAQ-54	Primary Contact Recreation	Escherichia coli (E. coli)	
274	Little Bear Creek	IA 02-IOW-705	Aquatic Life	Biological Integrity	
275	Little Cedar River	IA 02-CED-574	Primary Contact Recreation	Escherichia coli (E. coli)	
276	Little Creek	IA 04-UDM-6542	Primary Contact Recreation	Escherichia coli (E. coli)	
277	Little Maquoketa River	IA 01-TRK-131	Aquatic Life	Benthic Macroinvertebrates	X
278	Little River	IA 05-GRA-1357	Aquatic Life	Fish Bioassessments	
279	Little River Watershed Lake	IA 05-GRA-1358	Primary Contact Recreation	Escherichia coli (E. coli)	
280	Little River Watershed Lake	IA 05-GRA-1358	Human Health	Mercury - Fish Consumption Advisory	X

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
281	Little Rock River	IA 06-BSR-1798	Primary Contact Recreation	Escherichia coli (E. coli)	
282	Little Rock River	IA 06-BSR-1799	Aquatic Life	Benthic Macroinvertebrates	
283	Little Rock River	IA 06-BSR-1800	Primary Contact Recreation	Escherichia coli (E. coli)	
284	Little Sioux River	IA 06-LSR-1564	Primary Contact Recreation	Escherichia coli (E. coli)	
285	Little Sioux River	IA 06-LSR-1564	Aquatic Life	Selenium	
286	Little Sioux River	IA 06-LSR-1565	Primary Contact Recreation	Escherichia coli (E. coli)	
287	Little Sioux River	IA 06-LSR-1570	Primary Contact Recreation	Escherichia coli (E. coli)	
288	Little Sioux River	IA 06-LSR-1573	Primary Contact Recreation	Escherichia coli (E. coli)	
289	Little Sioux River	IA 06-LSR-1577	Primary Contact Recreation	Escherichia coli (E. coli)	
290	Little Sioux River	IA 06-LSR-1578	Primary Contact Recreation	Escherichia coli (E. coli)	
291	Little Sioux River	IA 06-LSR-1578	Aquatic Life	Fish Bioassessments	X
292	Little Sioux River	IA 06-LSR-1579	Aquatic Life	Benthic Macroinvertebrates	
293	Little Turkey River	IA 01-TRK-160	Primary Contact Recreation	Escherichia coli (E. coli)	
294	Little Turkey River	IA 01-TRK-162	Aquatic Life	Benthic Macroinvertebrates	
295	Little Turkey River	IA 01-TRK-162	Primary Contact Recreation	Escherichia coli (E. coli)	
296	Little Turkey River	IA 01-TRK-163	Primary Contact Recreation	Escherichia coli (E. coli)	
297	Little Turkey River	IA 01-TRK-207	Primary Contact Recreation	Escherichia coli (E. coli)	
298	Little Turkey River	IA 01-TRK-208	Primary Contact Recreation	Escherichia coli (E. coli)	
299	Little Turkey River	IA 01-TRK-209	Primary Contact Recreation	Escherichia coli (E. coli)	
300	Little Volga River	IA 01-VOL-328	Primary Contact Recreation	Escherichia coli (E. coli)	
301	Little Volga River	IA 01-VOL-328	Human Health	Mercury - Fish Consumption Advisory	
302	Lizard Creek	IA 04-UDM-1278	Primary Contact Recreation	Escherichia coli (E. coli)	
303	Lizard Lake	IA 04-UDM-1281	Aquatic Life	Dissolved Oxygen	
304	Loch Ayr	IA 05-GRA-1381	Primary Contact Recreation	Secchi Disk Transparency	X
305	Long Dick Creek	IA 03-SSK-2007	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
306	Long Dick Creek	IA 03-SSK-2007	Aquatic Life	Fish Kill(s)	
307	Long Dick Creek	IA 03-SSK-960	Aquatic Life	Benthic Macroinvertebrates	
308	Lotts Creek	IA 05-GRA-1376	Aquatic Life	Fish Bioassessments	
309	Lower Pine Lake	IA 02-IOW-758	Primary Contact Recreation	Escherichia coli (E. coli)	
310	Lux Creek	IA 01-TRK-123	Primary Contact Recreation	Escherichia coli (E. coli)	
311	Lyons Creek	IA 04-UDM-1260	Primary Contact Recreation	Escherichia coli (E. coli)	
312	Mad Creek	IA 01-NEM-81	Primary Contact Recreation	Escherichia coli (E. coli)	
313	Manteno Park Pond	IA 06-BOY-1505	Primary Contact Recreation	Chlorophyll-a	
314	Manteno Park Pond	IA 06-BOY-1505	Aquatic Life	Dissolved Oxygen	X
315	Maple River	IA 06-LSR-1581	Primary Contact Recreation	Escherichia coli (E. coli)	
316	Maple River	IA 06-LSR-1581	Aquatic Life	Selenium	
317	Maquoketa River	IA 01-MAQ-13	Primary Contact Recreation	Escherichia coli (E. coli)	
318	Maquoketa River	IA 01-MAQ-14	Aquatic Life	Benthic Macroinvertebrates	
319	Maquoketa River	IA 01-MAQ-15	Aquatic Life	Benthic Macroinvertebrates	
320	Maquoketa River	IA 01-MAQ-15	Primary Contact Recreation	Escherichia coli (E. coli)	
321	Maquoketa River	IA 01-MAQ-16	Aquatic Life	Benthic Macroinvertebrates	
322	Maquoketa River	IA 01-MAQ-16	Primary Contact Recreation	Escherichia coli (E. coli)	
323	Maquoketa River	IA 01-MAQ-19	Primary Contact Recreation	Escherichia coli (E. coli)	
324	Marble Lake	IA 06-LSR-1656	Aquatic Life	pH	X
325	Marrowbone Creek	IA 04-RAC-1160	Aquatic Life	Benthic Macroinvertebrates	
326	Marrowbone Creek	IA 04-RAC-1160	Aquatic Life	Dissolved Oxygen	
327	McKinley Lake	IA 05-PLA-1470	Primary Contact Recreation	Chlorophyll-a	X
328	McKinley Lake	IA 05-PLA-1470	Human Health	PCBS - Fish Consumption Advisory	
329	McKinley Lake	IA 05-PLA-1470	Primary Contact Recreation	Secchi Disk Transparency	X
330	McLoud Run	IA 02-CED-508	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
331	McCloud Run	IA 02-CED-508	Aquatic Life	Fish Kill(s)	
332	Meadow Lake	IA 04-LDM-1089	Primary Contact Recreation	Secchi Disk Transparency	X
333	Meyers Lake	IA 02-CED-463	Primary Contact Recreation	Chlorophyll-a	
334	Middle Fork Catfish Creek	IA 01-TRK-128	Primary Contact Recreation	Escherichia coli (E. coli)	
335	Middle Fork Catfish Creek	IA 01-TRK-6487	Primary Contact Recreation	Escherichia coli (E. coli)	
336	Middle Fork Grand River	IA 05-GRA-1378	Aquatic Life	Biological Integrity	
337	Middle Fork Grand River	IA 05-GRA-1378	Primary Contact Recreation	Escherichia coli (E. coli)	
338	Middle Fork Little Maquoketa River (aka Bankston Creek)	IA 01-TRK-138	Aquatic Life	Benthic Macroinvertebrates	
339	Middle Nodaway River	IA 05-NOD-1400	Aquatic Life	Biological Integrity	
340	Middle River	IA 04-LDM-1083	Aquatic Life	Biological Integrity	
341	Middle River	IA 04-LDM-1083	Primary Contact Recreation	Escherichia coli (E. coli)	
342	Milford Creek	IA 06-LSR-1667	Aquatic Life	Benthic Macroinvertebrates	
343	Mill Creek	IA 06-LSR-1615	Aquatic Life	Biological Integrity	
344	Miller Creek	IA 04-LDM-1045	Aquatic Life	Fish Kill(s)	
345	Miners Creek	IA 01-YEL-427	Aquatic Life	Benthic Macroinvertebrates	
346	Mink Creek	IA 01-VOL-314	Primary Contact Recreation	Escherichia coli (E. coli)	
347	Minnehaha Creek	IA 02-CED-6490	Primary Contact Recreation	Escherichia coli (E. coli)	
348	Minor Creek	IA 01-UIA-283	Primary Contact Recreation	Escherichia coli (E. coli)	
349	Mississippi River	IA 01-NEM-61	Aquatic Life	Aluminum	
350	Mississippi River	IA 01-NEM-61	Primary Contact Recreation	Fecal Coliform	
351	Mississippi River	IA 01-NEM-62	Aquatic Life	Aluminum	
352	Mississippi River	IA 01-NEM-62	Primary Contact Recreation	Fecal Coliform	
353	Mississippi River	IA 01-NEM-62	Human Health	PCBS - Fish Consumption Advisory	X
354	Mississippi River	IA 01-NEM-63	Primary Contact Recreation	Fecal Coliform	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
355	Mississippi River	IA 01-NEM-64	Aquatic Life	Aluminum	
356	Mississippi River	IA 01-NEM-70	Aquatic Life	Aluminum	
357	Mississippi River	IA 01-NEM-75	Aquatic Life	Aluminum	
358	Mississippi River	IA 02-ICM-619	Aquatic Life	Aluminum	
359	Mississippi River	IA 03-SKM-884	Aquatic Life	Aluminum	
360	Missouri River	IA 06-WEM-1707	Primary Contact Recreation	Escherichia coli (E. coli)	
361	Missouri River	IA 06-WEM-1708	Primary Contact Recreation	Escherichia coli (E. coli)	
362	Missouri River	IA 06-WEM-1709	Primary Contact Recreation	Escherichia coli (E. coli)	
363	Missouri River	IA 06-WEM-1715	Primary Contact Recreation	Escherichia coli (E. coli)	
364	Missouri River	IA 06-WEM-1720	Primary Contact Recreation	Escherichia coli (E. coli)	
365	Missouri River	IA 06-WEM-1721	Primary Contact Recreation	Escherichia coli (E. coli)	
366	Missouri River	IA 06-WEM-1722	Primary Contact Recreation	Escherichia coli (E. coli)	
367	Montgomery Creek	IA 03-SSK-6508	Primary Contact Recreation	Escherichia coli (E. coli)	
368	Morgan Creek	IA 02-CED-513	Primary Contact Recreation	Escherichia coli (E. coli)	
369	Mormon Trail Lake	IA 05-NOD-1404	Human Health	Mercury - Fish Consumption Advisory	
370	Morse Lake	IA 02-IOW-658	Aquatic Life	Chlorophyll-a	
371	Morse Lake	IA 02-IOW-658	Aquatic Life	Total Suspended Solids (TSS)	
372	Mosquito Creek	IA 02-CED-6489	Primary Contact Recreation	Escherichia coli (E. coli)	
373	Mosquito Creek	IA 06-WED-1699	Aquatic Life	Biological Integrity	
374	Mosquito Creek	IA 06-WED-1701	Aquatic Life	Biological Integrity	
375	Muchakinock Creek	IA 04-LDM-1048	Aquatic Life	Biological Integrity	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
376	Muchakinock Creek	IA 04-LDM-1049	Aquatic Life	Fish Bioassessments	
377	Mud Creek	IA 02-CED-519	Primary Contact Recreation	Escherichia coli (E. coli)	
378	Mud Creek	IA 05-NSH-1457	Aquatic Life	Fish Bioassessments	
379	Mud Creek	IA 06-BSR-1546	Aquatic Life	Biological Integrity	
380	Mud Creek	IA 06-BSR-1546	Primary Contact Recreation	Escherichia coli (E. coli)	
381	Mud Creek	IA 06-BSR-1546	Aquatic Life	Fish Kill(s)	
382	Mud Creek	IA 06-BSR-1546	Aquatic Life, Primary Contact Recreation	pH	X
383	Nichols Creek (aka Bigalk Creek)	IA 01-UIA-284	Primary Contact Recreation	Escherichia coli (E. coli)	
384	Nichols Creek (aka Bigalk Creek)	IA 01-UIA-284	Aquatic Life	Thermal Modifications	
385	Nine Eagles Lake	IA 05-GRA-1361	Human Health	Mercury - Fish Consumption Advisory	
386	Ninemile Creek	IA 05-CHA-1335	Primary Contact Recreation	Escherichia coli (E. coli)	
387	Ninemile Creek	IA 05-CHA-1335	Aquatic Life	Fish Bioassessments	
388	Nishnabotna River	IA 05-NSH-1412	Primary Contact Recreation	Escherichia coli (E. coli)	
389	Nodaway Lake	IA 05-NOD-1401	Primary Contact Recreation	Secchi Disk Transparency	
390	Nodaway River (aka West Nodaway River)	IA 05-NOD-1389	Primary Contact Recreation	Escherichia coli (E. coli)	
391	Norfolk Creek	IA 01-YEL-444	Aquatic Life	Dissolved Oxygen	
392	North Banner Lake	IA 04-LDM-1988	Human Health	Mercury - Fish Consumption Advisory	
393	North Bear Creek	IA 01-UIA-255	Primary Contact Recreation	Escherichia coli (E. coli)	
394	North Branch Turkey River	IA 01-TRK-223	Primary Contact Recreation	Escherichia coli (E. coli)	
395	North Branch Volga River	IA 01-VOL-330	Primary Contact Recreation	Escherichia coli (E. coli)	
396	North Branch Volga River	IA 01-VOL-330	Human Health	Mercury - Fish Consumption Advisory	
397	North Fabius River	IA 04-FAB-992	Aquatic Life	Fish Bioassessments	
398	North Fork Black Hawk Creek	IA 02-CED-551	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
399	North Fork Catfish Creek	IA 01-TRK-129	Primary Contact Recreation	Escherichia coli (E. coli)	
400	North Fork Catfish Creek	IA 01-TRK-6486	Primary Contact Recreation	Escherichia coli (E. coli)	
401	North Fork Maquoketa River	IA 01-NMQ-88	Primary Contact Recreation	Escherichia coli (E. coli)	
402	North Fork Maquoketa River	IA 01-NMQ-88	Aquatic Life	Fish Kill(s)	
403	North Fork Maquoketa River	IA 01-NMQ-90	Aquatic Life	Benthic Macroinvertebrates	
404	North Fork Maquoketa River	IA 01-NMQ-90	Aquatic Life	Biological Integrity	
405	North Fork Maquoketa River	IA 01-NMQ-90	Primary Contact Recreation	Escherichia coli (E. coli)	
406	North Fork Yellow River	IA 01-YEL-2005	Primary Contact Recreation	Escherichia coli (E. coli)	
407	North Fork Yellow River	IA 01-YEL-448	Aquatic Life	Dissolved Oxygen	
408	North Raccoon River	IA 04-RAC-1139	Aquatic Life	Benthic Macroinvertebrates	
409	North River	IA 04-LDM-1097	Primary Contact Recreation	Escherichia coli (E. coli)	
410	North River	IA 04-LDM-1097	Aquatic Life	Fish Bioassessments	
411	North Skunk River	IA 03-NSK-853	Aquatic Life	Chromium	
412	North Skunk River	IA 03-NSK-853	Primary Contact Recreation	Escherichia coli (E. coli)	
413	North Skunk River	IA 03-NSK-854	Primary Contact Recreation	Escherichia coli (E. coli)	
414	North Skunk River	IA 03-NSK-859	Aquatic Life	Biological Integrity	
415	Nutting Creek	IA 01-TRK-205	Primary Contact Recreation	Escherichia coli (E. coli)	
416	Ocheyedan River	IA 06-LSR-1638	Primary Contact Recreation	Escherichia coli (E. coli)	
417	Old Mans Creek	IA 02-IOW-685	Aquatic Life	Benthic Macroinvertebrates	
418	Otter Creek	IA 01-TRK-198	Primary Contact Recreation	Escherichia coli (E. coli)	
419	Otter Creek	IA 01-TRK-198	Aquatic Life	Thermal Modifications	
420	Otter Creek	IA 02-CED-514	Primary Contact Recreation	Escherichia coli (E. coli)	
421	Otter Creek	IA 02-CED-594	Primary Contact Recreation	Escherichia coli (E. coli)	
422	Otter Creek	IA 06-BSR-1545	Aquatic Life	Fish Kill(s)	
423	Paint Creek (aka Pine Creek)	IA 01-UIA-257	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
424	Palmer Creek	IA 02-SHL-790	Aquatic Life	Fish Kill(s)	
425	Patterson Creek	IA 01-UIA-259	Primary Contact Recreation	Escherichia coli (E. coli)	
426	Pecks Creek	IA 01-TRK-168	Aquatic Life	Benthic Macroinvertebrates	
427	Pecks Creek	IA 01-TRK-168	Primary Contact Recreation	Escherichia coli (E. coli)	
428	Perry Creek	IA 06-BSR-1527	Aquatic Life	Biological Integrity	
429	Pickerel Lake	IA 04-RAC-1180	Aquatic Life	Dissolved Oxygen	
430	Pike Run	IA 02-CED-485	Aquatic Life	Benthic Macroinvertebrates	
431	Pike Run	IA 02-CED-486	Aquatic Life	Biological Integrity	
432	Pine Creek	IA 01-TRK-179	Primary Contact Recreation	Escherichia coli (E. coli)	
433	Pine Creek	IA 01-TRK-6638	Primary Contact Recreation	Escherichia coli (E. coli)	
434	Pine Creek	IA 01-UIA-278	Primary Contact Recreation	Escherichia coli (E. coli)	
435	Pleasant Lake	IA 06-LSR-1649	Aquatic Life	Chlorophyll-a	
436	Pleasant Lake	IA 06-LSR-1649	Aquatic Life	pH	X
437	Pleasant Lake	IA 06-LSR-1649	Aquatic Life	Total Suspended Solids (TSS)	
438	Plum Creek	IA 01-MAQ-3040	Aquatic Life	Fish Kill(s)	
439	Plum Creek	IA 01-MAQ-46	Aquatic Life	Benthic Macroinvertebrates	
440	Plum Creek	IA 01-MAQ-46	Aquatic Life	Fish Kill(s)	
441	Plum Creek	IA 01-MAQ-47	Aquatic Life	Fish Kill(s)	
442	Plum Creek	IA 06-WED-1683	Aquatic Life	Biological Integrity	
443	Point Hollow Creek (aka White Pine Creek)	IA 01-TRK-165	Aquatic Life	Benthic Macroinvertebrates	
444	Point Hollow Creek (aka White Pine Creek)	IA 01-TRK-165	Primary Contact Recreation	Escherichia coli (E. coli)	
445	Pollmiller Park Lake	IA 03-SKM-888	Human Health	Mercury - Fish Consumption Advisory	
446	Poor Farm Creek	IA 04-RAC-1883	Aquatic Life	Fish Kill(s)	
447	Prairie Creek	IA 02-IOW-6396	General Use	Wastewater	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
448	Prairie Creek	IA 03-SSK-6598	Primary Contact Recreation	Escherichia coli (E. coli)	
449	Prairie Creek	IA 04-UDM-1796	Aquatic Life	Biological Integrity	X
450	Prairie Creek	IA 04-UDM-6545	Primary Contact Recreation	Escherichia coli (E. coli)	
451	Prairie Lake	IA 06-LSR-1647	Aquatic Life	pH	X
452	Prairie Rose Lake	IA 05-NSH-1462	Primary Contact Recreation	Escherichia coli (E. coli)	
453	Purgatory Creek	IA 04-RAC-1159	Aquatic Life	Fish Kill(s)	
454	Ralston Creek	IA 02-IOW-1899	Aquatic Life, General Use, Primary Contact Recreation	Hydrocarbons - Priority Organics	
455	Red Haw Lake	IA 04-LDM-1073	Human Health	Mercury - Fish Consumption Advisory	
456	Red Rock Reservoir	IA 04-LDM-1017	Primary Contact Recreation	Escherichia coli (E. coli)	
457	Red Rock Reservoir	IA 04-LDM-1017	Primary Contact Recreation	Turbidity	
458	Rhine Creek	IA 02-IOW-6412	Aquatic Life	Fish Kill(s)	
459	Rice Lake	IA 02-WIN-832	Aquatic Life, Primary Contact Recreation	pH	
460	Roberts Creek	IA 01-TRK-186	Primary Contact Recreation	Escherichia coli (E. coli)	
461	Roberts Creek	IA 01-TRK-188	Primary Contact Recreation	Escherichia coli (E. coli)	
462	Roberts Creek Lake	IA 04-LDM-1019	Primary Contact Recreation	Chlorophyll-a	
463	Roberts Creek Lake	IA 04-LDM-1019	Aquatic Life	Dissolved Oxygen	
464	Roberts Creek Lake	IA 04-LDM-1019	Primary Contact Recreation	Turbidity	
465	Robin Creek	IA 01-NEM-6373	Primary Contact Recreation	Escherichia coli (E. coli)	
466	Rock Creek	IA 01-MAQ-2	Aquatic Life	Dissolved Oxygen	
467	Rock Creek	IA 02-CED-3026	Primary Contact Recreation	Escherichia coli (E. coli)	
468	Rock Creek	IA 02-CED-585	Primary Contact Recreation	Escherichia coli (E. coli)	
469	Rock Creek	IA 02-CED-586	Primary Contact Recreation	Escherichia coli (E. coli)	
470	Rock Creek	IA 02-CED-587	Primary Contact Recreation	Escherichia coli (E. coli)	
471	Rock Creek	IA 02-CED-588	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
472	Rock Creek Lake	IA 03-NSK-865	Primary Contact Recreation	Escherichia coli (E. coli)	
473	Rock River	IA 06-BSR-1534	Primary Contact Recreation	Escherichia coli (E. coli)	
474	Rock River	IA 06-BSR-1534	Aquatic Life	Selenium	
475	Rock River	IA 06-BSR-1537	Primary Contact Recreation	Escherichia coli (E. coli)	
476	Rock River	IA 06-BSR-1538	Primary Contact Recreation	Escherichia coli (E. coli)	
477	Rock River	IA 06-BSR-1538	Aquatic Life, Primary Contact Recreation	pH	X
478	Rodgers Park Lake	IA 02-CED-526	Primary Contact Recreation	Chlorophyll-a	X
479	Roff Creek	IA 02-IOW-6403	General Use	Wastewater	
480	Rogers Creek	IA 01-TRK-218	Primary Contact Recreation	Escherichia coli (E. coli)	
481	Routherford Branch	IA 01-MAQ-6561	Primary Contact Recreation	Escherichia coli (E. coli)	
482	Sands Timber Lake (aka Blockton Reservoir)	IA 05-PLA-2064	Aquatic Life	Turbidity	
483	Saunders Branch	IA 03-SKU-902	Aquatic Life	Ammonia	
484	Saunders Branch	IA 03-SKU-902	Aquatic Life	Coal Tar	
485	Saunders Branch	IA 03-SKU-902	Aquatic Life	Dissolved Oxygen	
486	Saylorville Reservoir	IA 04-UDM-1213	Primary Contact Recreation	Secchi Disk Transparency	
487	Shell Rock River	IA 02-SHL-782	Human Health	Mercury - Fish Consumption Advisory	
488	Shell Rock River	IA 02-SHL-783	Primary Contact Recreation	Escherichia coli (E. coli)	
489	Shell Rock River	IA 02-SHL-783	Human Health	Mercury - Fish Consumption Advisory	
490	Shell Rock River	IA 02-SHL-784	Human Health	Mercury - Fish Consumption Advisory	
491	Shell Rock River	IA 02-SHL-787	Primary Contact Recreation	Escherichia coli (E. coli)	
492	Shrickers Slough	IA 01-MAQ-1	Aquatic Life	Chlorophyll-a	
493	Shrickers Slough	IA 01-MAQ-1	Aquatic Life	Secchi Disk Transparency	
494	Siewers Spring	IA 01-UIA-6596	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
495	Silver Creek	IA 01-MAQ-44	Aquatic Life	Benthic Macroinvertebrates	
496	Silver Creek	IA 01-TRK-192	Aquatic Life	Dissolved Oxygen	
497	Silver Creek	IA 01-TRK-192	Primary Contact Recreation	Escherichia coli (E. coli)	
498	Silver Creek	IA 01-TRK-2057	Primary Contact Recreation	Escherichia coli (E. coli)	
499	Silver Creek	IA 01-UIA-250	Primary Contact Recreation	Escherichia coli (E. coli)	
500	Silver Creek	IA 01-UIA-282	Primary Contact Recreation	Escherichia coli (E. coli)	
501	Silver Creek	IA 05-NSH-1454	Aquatic Life	Fish Bioassessments	
502	Silver Lake	IA 02-SHL-796	Aquatic Life, Primary Contact Recreation	pH	
503	Silver Lake	IA 04-UDM-1229	Aquatic Life, Primary Contact Recreation	pH	
504	Silver Lake	IA 06-LSR-1669	Primary Contact Recreation	Secchi Disk Transparency	X
505	Sixmile Creek	IA 06-BSR-1533	Aquatic Life	Biological Integrity	
506	Sixmile Creek	IA 06-BSR-1533	Primary Contact Recreation	Escherichia coli (E. coli)	
507	Skillet Creek	IA 04-UDM-1250	Aquatic Life	Biological Integrity	
508	Skunk River	IA 03-SKU-889	Primary Contact Recreation	Escherichia coli (E. coli)	
509	Slough Creek	IA 02-CED-6565	Primary Contact Recreation	Escherichia coli (E. coli)	
510	Snyder Bend Lake	IA 06-WEM-1734	Primary Contact Recreation	Chlorophyll-a	
511	Snyder Bend Lake	IA 06-WEM-1734	Primary Contact Recreation	Turbidity	
512	Soap Creek	IA 04-LDM-1033	Aquatic Life	Fish Bioassessments	
513	Soldier River	IA 06-SOL-1673	Aquatic Life	Benthic Macroinvertebrates	
514	Soldier River	IA 06-SOL-1673	Primary Contact Recreation	Escherichia coli (E. coli)	
515	Soldier River	IA 06-SOL-1673	Aquatic Life	Selenium	X
516	South Banner Lake	IA 04-LDM-1085	Human Health	Mercury - Fish Consumption Advisory	
517	South Bear Creek	IA 01-UIA-252	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
518	South Big Creek	IA 03-SKU-6271	Aquatic Life	Fish Kill(s)	
519	South Cedar Creek (aka Cedar Creek)	IA 01-TRK-171	Primary Contact Recreation	Escherichia coli (E. coli)	
520	South Fork Catfish Creek	IA 01-TRK-130	Primary Contact Recreation	Escherichia coli (E. coli)	
521	South Fork Chariton River	IA 05-CHA-1327	Primary Contact Recreation	Escherichia coli (E. coli)	
522	South Fork Chariton River	IA 05-CHA-1327	Aquatic Life	Fish Bioassessments	
523	South Fork Chariton River	IA 05-CHA-1328	Aquatic Life	Biological Integrity	
524	South Fork Chariton River	IA 05-CHA-1328	Primary Contact Recreation	Escherichia coli (E. coli)	
525	South Fork Iowa River	IA 02-IOW-748	Aquatic Life	Benthic Macroinvertebrates	
526	South Fork Iowa River	IA 02-IOW-750	Aquatic Life	Fish Kill(s)	
527	South Fork Iowa River	IA 02-IOW-751	Aquatic Life	Benthic Macroinvertebrates	X
528	South Fork Iowa River	IA 02-IOW-752	Aquatic Life	Benthic Macroinvertebrates	X
529	South Raccoon River	IA 04-RAC-1181	Primary Contact Recreation	Escherichia coli (E. coli)	
530	South Raccoon River	IA 04-RAC-1183	Aquatic Life	Fish Kill(s)	
531	South River	IA 04-LDM-1074	Aquatic Life	Benthic Macroinvertebrates	X
532	South River	IA 04-LDM-1074	Primary Contact Recreation	Escherichia coli (E. coli)	
533	South Skunk River	IA 03-SSK-926	Primary Contact Recreation	Escherichia coli (E. coli)	
534	South Skunk River	IA 03-SSK-927	Primary Contact Recreation	Escherichia coli (E. coli)	
535	South Skunk River	IA 03-SSK-931	Primary Contact Recreation	Escherichia coli (E. coli)	
536	South Skunk River	IA 03-SSK-934	Aquatic Life	Biological Integrity	
537	South Skunk River	IA 03-SSK-934	Primary Contact Recreation	Escherichia coli (E. coli)	
538	South Skunk River	IA 03-SSK-935	Aquatic Life	Benthic Macroinvertebrates	
539	South Twin Lake	IA 04-RAC-1168	Aquatic Life	Chlorophyll-a	
540	South Twin Lake	IA 04-RAC-1168	Aquatic Life	Turbidity	
541	Spencer Creek	IA 01-NEM-87	Aquatic Life	Fish Kill(s)	
542	Spring Creek	IA 02-CED-589	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
543	Spring Creek	IA 02-CED-6566	Primary Contact Recreation	Escherichia coli (E. coli)	
544	Springbrook Lake	IA 04-RAC-1196	Primary Contact Recreation	Escherichia coli (E. coli)	
545	Staff Creek	IA 01-UIA-288	Primary Contact Recreation	Escherichia coli (E. coli)	
546	Stafford Creek	IA 01-NEM-6370	Primary Contact Recreation	Escherichia coli (E. coli)	
547	Steeles Branch	IA 01-TRK-178	Primary Contact Recreation	Escherichia coli (E. coli)	
548	Steeles Branch	IA 01-TRK-6568	Primary Contact Recreation	Escherichia coli (E. coli)	
549	Stony Creek	IA 06-LSR-1644	Aquatic Life	Biological Integrity	
550	Storm Lake	IA 04-RAC-1143	Primary Contact Recreation	Escherichia coli (E. coli)	
551	Sugar Creek	IA 02-CED-489	Aquatic Life	Benthic Macroinvertebrates	
552	Summit Lake	IA 05-PLA-1471	Aquatic Life	Dissolved Oxygen	
553	Suttle Creek	IA 01-YEL-439	Aquatic Life	Benthic Macroinvertebrates	
554	Suttle Creek	IA 01-YEL-439	Aquatic Life	Dissolved Oxygen	
555	Swan Lake	IA 04-RAC-1199	Aquatic Life	Dissolved Oxygen	
556	Swan Lake	IA 04-UDM-1232	Aquatic Life	Chlorophyll-a	
557	Swan Lake	IA 04-UDM-1232	Aquatic Life	pH	
558	Swan Lake	IA 04-UDM-1232	Aquatic Life	Sedimentation/Siltation	
559	Ten Mile Creek	IA 01-UIA-274	Aquatic Life	Benthic Macroinvertebrates	
560	Ten Mile Creek	IA 01-UIA-274	Primary Contact Recreation	Escherichia coli (E. coli)	
561	Tetes des Morts Creek	IA 01-TRK-121	Primary Contact Recreation	Escherichia coli (E. coli)	
562	Tetes des Morts Creek	IA 01-TRK-122	Primary Contact Recreation	Escherichia coli (E. coli)	
563	Thompson River	IA 05-GRA-1351	Primary Contact Recreation	Escherichia coli (E. coli)	
564	Troublesome Creek	IA 05-NSH-1436	Aquatic Life	Fish Bioassessments	
565	Trout Creek	IA 01-UIA-266	Primary Contact Recreation	Escherichia coli (E. coli)	
566	Trout Creek (aka Trout Run)	IA 01-UIA-269	Aquatic Life	Benthic Macroinvertebrates	
567	Trout Creek (aka Trout Run)	IA 01-UIA-269	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
568	Turkey Creek	IA 04-UDM-6543	Primary Contact Recreation	Escherichia coli (E. coli)	
569	Turkey River	IA 01-TRK-148	Primary Contact Recreation	Escherichia coli (E. coli)	
570	Turkey River	IA 01-TRK-148	Human Health	Mercury - Fish Consumption Advisory	
571	Turkey River	IA 01-TRK-149	Primary Contact Recreation	Escherichia coli (E. coli)	
572	Turkey River	IA 01-TRK-152	Primary Contact Recreation	Escherichia coli (E. coli)	
573	Turkey River	IA 01-TRK-153	Primary Contact Recreation	Escherichia coli (E. coli)	
574	Turkey River	IA 01-TRK-154	Primary Contact Recreation	Escherichia coli (E. coli)	
575	Turkey River	IA 01-TRK-156	Primary Contact Recreation	Escherichia coli (E. coli)	
576	Turtle Creek	IA 02-CED-590	Primary Contact Recreation	Escherichia coli (E. coli)	
577	Twelve Mile Creek Lake	IA 05-GRA-1367	Aquatic Life	Dissolved Oxygen	
578	Twelve Mile Creek Lake	IA 05-GRA-1367	Primary Contact Recreation	Secchi Disk Transparency	X
579	Twelve-mile Lake	IA 04-UDM-1231	Aquatic Life	Chlorophyll-a	
580	Twelve-mile Lake	IA 04-UDM-1231	Aquatic Life	Total Suspended Solids (TSS)	
581	Twin Springs Creek	IA 01-UIA-273	Primary Contact Recreation	Escherichia coli (E. coli)	
582	Unnamed Creek (aka Casey Spring Creek)	IA 01-UIA-275	Primary Contact Recreation	Escherichia coli (E. coli)	
583	Unnamed Creek (aka Ludlow Creek)	IA 01-YEL-446	Aquatic Life	Biological Integrity	
584	Unnamed Creek (aka Volga Lake Outlet)	IA 01-VOL-325	Primary Contact Recreation	Escherichia coli (E. coli)	
585	Unnamed Creek (near Eddyville)	IA 04-LDM-1046	Aquatic Life	Fish Kill(s)	
586	Unnamed Creek (near Hazleton)	IA 01-WPS-394	Aquatic Life	Fish Kill(s)	
587	Unnamed Tributary to Bass Creek	IA 01-TRK-1885	Aquatic Life	Fish Kill(s)	
588	Unnamed Tributary to Big Creek	IA 04-UDM-6541	Primary Contact Recreation	Escherichia coli (E. coli)	
589	Unnamed Tributary to Big Creek	IA 04-UDM-6544	Primary Contact Recreation	Escherichia coli (E. coli)	
590	Unnamed Tributary to Brush Creek	IA 03-SKU-6410	General Use	Wastewater	
591	Unnamed Tributary to Brushy Creek (Halburn Creek)	IA 04-RAC-6537	Aquatic Life	Fish Kill(s)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
592	Unnamed tributary to Catfish Creek	IA 01-TRK-6408	General Use	Wastewater	
593	Unnamed Tributary to Cedar Creek	IA 03-SKU-6573	Primary Contact Recreation	Escherichia coli (E. coli)	
594	Unnamed Tributary to Cedar Creek	IA 03-SKU-6581	Primary Contact Recreation	Escherichia coli (E. coli)	
595	Unnamed Tributary to Cedar Creek	IA 03-SKU-6585	Primary Contact Recreation	Escherichia coli (E. coli)	
596	Unnamed Tributary to Cedar River	IA 02-CED-6594	Primary Contact Recreation	Escherichia coli (E. coli)	
597	Unnamed Tributary to Dry Run	IA 02-CED-6294	Primary Contact Recreation	Escherichia coli (E. coli)	
598	Unnamed Tributary to Dry Run Creek	IA 01-UIA-6557	Primary Contact Recreation	Escherichia coli (E. coli)	
599	Unnamed Tributary to Dry Run Creek	IA 01-UIA-6558	Primary Contact Recreation	Escherichia coli (E. coli)	
600	Unnamed Tributary to Dry Run Creek	IA 01-UIA-6600	Primary Contact Recreation	Escherichia coli (E. coli)	
601	Unnamed Tributary to Ioway Creek	IA 03-SSK-6599	Primary Contact Recreation	Escherichia coli (E. coli)	
602	Unnamed Tributary to Lake Geode	IA 03-SKU-6591	Primary Contact Recreation	Escherichia coli (E. coli)	
603	Unnamed Tributary to Lake Hendricks	IA 01-WPS-6457	Primary Contact Recreation	Escherichia coli (E. coli)	
604	Unnamed Tributary to Lime Creek	IA 02-CED-6432	Primary Contact Recreation	Escherichia coli (E. coli)	
605	Unnamed Tributary to Little Maquoketa River	IA 01-TRK-6612	Aquatic Life	Fish Kill(s)	
606	Unnamed Tributary to Little Rock River	IA 06-BSR-1934	Aquatic Life	Fish Kill(s)	
607	Unnamed Tributary to Little Sioux River	IA 06-LSR-6342	Aquatic Life	Fish Kill(s)	
608	Unnamed Tributary to Maquoketa River	IA 01-MAQ-1963	Aquatic Life	Fish Kill(s)	
609	Unnamed Tributary to Muddy Creek	IA 02-IOW-6588	Aquatic Life	Dissolved Oxygen	
610	Unnamed Tributary to North Fork Yellow River	IA 01-YEL-3066	Primary Contact Recreation	Escherichia coli (E. coli)	
611	Unnamed Tributary to Otter Creek	IA 01-TRK-6620	Aquatic Life	Fish Kill(s)	
612	Unnamed Tributary to Price Creek	IA 02-IOW-3063	Primary Contact Recreation	Escherichia coli (E. coli)	X
613	Unnamed Tributary to Price Creek	IA 02-IOW-3064	Primary Contact Recreation	Escherichia coli (E. coli)	X
614	Unnamed Tributary to Ralston Creek	IA 02-IOW-6300	Aquatic Life	Fish Kill(s)	
615	Unnamed Tributary to Rathbun Reservoir	IA 05-CHA-1915	Aquatic Life	Fish Kill(s)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
616	Unnamed Tributary to Rock Creek	IA 02-CED-3027	Primary Contact Recreation	Escherichia coli (E. coli)	
617	Unnamed Tributary to Silver Creek	IA 01-UIA-6569	Primary Contact Recreation	Escherichia coli (E. coli)	
618	Unnamed Tributary to Snyder Creek	IA 02-IOW-6401	General Use	Wastewater	
619	Unnamed Tributary to Spring Creek	IA 02-CED-6567	Aquatic Life	Ammonia	
620	Unnamed Tributary to Spring Creek	IA 02-CED-6567	Aquatic Life	Dissolved Oxygen	
621	Unnamed Tributary to Spring Creek	IA 02-CED-6567	Primary Contact Recreation	Escherichia coli (E. coli)	
622	Unnamed Tributary to Tetes des Morts Creek	IA 01-TRK-6580	Primary Contact Recreation	Escherichia coli (E. coli)	
623	Unnamed Tributary to Tetes des Morts Creek	IA 01-TRK-6589	Primary Contact Recreation	Escherichia coli (E. coli)	
624	Unnamed Tributary to Turkey River	IA 01-TRK-6460	Secondary Contact Recreation	Escherichia coli (E. coli)	
625	Unnamed Tributary to Turkey River	IA 01-TRK-6562	Aquatic Life, Primary Contact Recreation	pH	
626	Unnamed Tributary to Unnamed Tributary to Dry Run Creek	IA 01-UIA-6554	Primary Contact Recreation	Escherichia coli (E. coli)	
627	Unnamed Tributary to Unnamed Tributary to Dry Run Creek	IA 01-UIA-6555	Primary Contact Recreation	Escherichia coli (E. coli)	
628	Unnamed Tributary to Unnamed Tributary to Dry Run Creek	IA 01-UIA-6556	Primary Contact Recreation	Escherichia coli (E. coli)	
629	Unnamed Tributary to Unnamed Tributary to Yellow River	IA 01-YEL-6575	Primary Contact Recreation	Escherichia coli (E. coli)	
630	Unnamed Tributary to Unnamed Tributary to Yellow River	IA 01-YEL-6575	Aquatic Life, Primary Contact Recreation	pH	
631	Unnamed Tributary to Upper Iowa River	IA 01-UIA-6597	Primary Contact Recreation	Escherichia coli (E. coli)	
632	Unnamed Tributary to Unnamed Tributary to Silver Creek	IA 01-TRK-2058	Aquatic Life	Ammonia	
633	Unnamed Tributary to Unnamed Tributary to Silver Creek	IA 01-TRK-2058	Primary Contact Recreation	Escherichia coli (E. coli)	
634	Unnamed Tributary to Waterloo Creek	IA 01-UIA-6570	Primary Contact Recreation	Escherichia coli (E. coli)	
635	Unnamed Tributary to West Branch	IA 02-CED-6262	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
Wapsinonoc Creek (aka Hoover Creek)					
636	Unnamed Tributary to West Fork Cedar River	IA 02-WFC-2075	Aquatic Life	Fish Kill(s)	
637	Unnamed Tributary to Yellow River	IA 01-YEL-2059	Primary Contact Recreation	Escherichia coli (E. coli)	
638	Unnamed Tributary to Yellow River	IA 01-YEL-2059	Aquatic Life, Primary Contact Recreation	pH	
639	Unnamed Tributary to Yellow River	IA 01-YEL-6574	Primary Contact Recreation	Escherichia coli (E. coli)	
640	Unnamed Tributary to Yellow River	IA 01-YEL-6574	Aquatic Life, Primary Contact Recreation	pH	
641	Unnamed Tributary to Yellow River	IA 01-YEL-6582	Primary Contact Recreation	Escherichia coli (E. coli)	
642	Unnamed Tributary to Yellow River	IA 01-YEL-6582	Aquatic Life, Primary Contact Recreation	pH	
643	Upper Brown Lake	IA 01-NEM-6498	Aquatic Life	pH	X
644	Upper Iowa River	IA 01-UIA-236	Primary Contact Recreation	Escherichia coli (E. coli)	
645	Upper Iowa River	IA 01-UIA-236	Human Health	Mercury - Fish Consumption Advisory	X
646	Upper Iowa River	IA 01-UIA-237	Primary Contact Recreation	Escherichia coli (E. coli)	
647	Upper Iowa River	IA 01-UIA-237	Human Health	Mercury - Fish Consumption Advisory	
648	Upper Iowa River	IA 01-UIA-238	Human Health	Mercury - Fish Consumption Advisory	
649	Upper Iowa River	IA 01-UIA-239	Aquatic Life	Benthic Macroinvertebrates	
650	Upper Iowa River	IA 01-UIA-239	Primary Contact Recreation	Escherichia coli (E. coli)	
651	Upper Iowa River	IA 01-UIA-239	Human Health	Mercury - Fish Consumption Advisory	
652	Upper Iowa River	IA 01-UIA-240	Human Health	Mercury - Fish Consumption Advisory	X
653	Upper Iowa River	IA 01-UIA-241	Aquatic Life	Benthic Macroinvertebrates	
654	Upper Iowa River	IA 01-UIA-241	Primary Contact Recreation	Escherichia coli (E. coli)	
655	Upper Iowa River	IA 01-UIA-241	Human Health	Mercury - Fish	X

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
				Consumption Advisory	
656	Upper Iowa River	IA 01-UIA-242	Human Health	Mercury - Fish Consumption Advisory	X
657	Upper Iowa River	IA 01-UIA-243	Human Health	Mercury - Fish Consumption Advisory	X
658	Upper Iowa River	IA 01-UIA-244	Human Health	Mercury - Fish Consumption Advisory	X
659	Upper Iowa River	IA 01-UIA-245	Human Health	Mercury - Fish Consumption Advisory	X
660	Volga River	IA 01-VOL-291	Human Health	Mercury - Fish Consumption Advisory	
661	Volga River	IA 01-VOL-294	Human Health	Mercury - Fish Consumption Advisory	
662	Volga River	IA 01-VOL-295	Human Health	Mercury - Fish Consumption Advisory	
663	Volga River	IA 01-VOL-296	Primary Contact Recreation	Escherichia coli (E. coli)	
664	Walker Branch	IA 05-CHA-1329	Primary Contact Recreation	Escherichia coli (E. coli)	
665	Walnut Creek	IA 01-WPS-372	Aquatic Life	Fish Kill(s)	
666	Walnut Creek	IA 02-IOW-708	Aquatic Life	Benthic Macroinvertebrates	
667	Walnut Creek	IA 02-IOW-709	Aquatic Life	Fish Bioassessments	
668	Walnut Creek	IA 03-SSK-953	Aquatic Life	Fish Bioassessments	
669	Wapsipinicon River	IA 01-WPS-332	Primary Contact Recreation	Escherichia coli (E. coli)	
670	Wapsipinicon River	IA 01-WPS-333	Primary Contact Recreation	Escherichia coli (E. coli)	
671	Wapsipinicon River	IA 01-WPS-335	Primary Contact Recreation	Escherichia coli (E. coli)	
672	Wapsipinicon River	IA 01-WPS-336	Primary Contact Recreation	Escherichia coli (E. coli)	
673	Wapsipinicon River	IA 01-WPS-340	Primary Contact Recreation	Escherichia coli (E. coli)	
674	Wapsipinicon River	IA 01-WPS-342	Human Health	Mercury - Fish Consumption Advisory	X
675	Wapsipinicon River	IA 01-WPS-343	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
676	Wapsipinicon River	IA 01-WPS-343	Human Health	Mercury - Fish Consumption Advisory	X
677	Wapsipinicon River	IA 01-WPS-354	Aquatic Life	Biological Integrity	
678	Wapsipinicon River	IA 01-WPS-354	Primary Contact Recreation	Escherichia coli (E. coli)	
679	Wapsipinicon River	IA 01-WPS-354	Aquatic Life	Fish Kill(s)	
680	Wapsipinicon River	IA 01-WPS-6416	Primary Contact Recreation	Escherichia coli (E. coli)	X
681	Waterloo Creek	IA 01-UIA-253	Aquatic Life	Benthic Macroinvertebrates	X
682	Waterloo Creek	IA 01-UIA-253	Primary Contact Recreation	Escherichia coli (E. coli)	
683	Weldon River	IA 05-GRA-1356	Aquatic Life	Biological Integrity	
684	West Branch Buttrick Creek	IA 04-RAC-1151	Aquatic Life	Benthic Macroinvertebrates	
685	West Branch Floyd River	IA 06-FLO-1558	Aquatic Life	Fish Bioassessments	
686	West Branch Floyd River	IA 06-FLO-1558	Aquatic Life	Fish Kill(s)	
687	West Branch One Hundred and Two River	IA 05-PLA-1480	Aquatic Life	Biological Integrity	
688	West Branch Pine Creek	IA 01-WPS-6618	Aquatic Life	Fish Kill(s)	
689	West Branch Wapsinonoc	IA 02-CED-6264	Primary Contact Recreation	Escherichia coli (E. coli)	
690	West Fork Cedar River	IA 02-WFC-801	Primary Contact Recreation	Escherichia coli (E. coli)	
691	West Fork Little Sioux River	IA 06-LSR-1598	Primary Contact Recreation	Escherichia coli (E. coli)	
692	West Fork Little Sioux River	IA 06-LSR-1598	Aquatic Life	Selenium	X
693	West Fork Little Sioux River	IA 06-LSR-1599	Aquatic Life	Biological Integrity	
694	West Fork Little Sioux River	IA 06-LSR-1834	Aquatic Life	Fish Kill(s)	
695	West Jackson Creek	IA 05-CHA-1333	Aquatic Life	Benthic Macroinvertebrates	
696	West Nishnabotna River	IA 05-NSH-1441	Primary Contact Recreation	Escherichia coli (E. coli)	
697	West Nishnabotna River	IA 05-NSH-1446	Aquatic Life	Biological Integrity	
698	West Nishnabotna River	IA 05-NSH-1447	Aquatic Life	Fish Kill(s)	
699	West Okoboji Lake - Emersons Bay	IA 06-LSR-2066	Primary Contact Recreation	Escherichia coli (E. coli)	
700	West Otter Creek	IA 04-UDM-1270	Aquatic Life	Fish Kill(s)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
701	West Swan Lake	IA 04-UDM-1754	Aquatic Life	Chlorophyll-a	
702	West Swan Lake	IA 04-UDM-1754	Aquatic Life	Total Suspended Solids (TSS)	
703	West Tarkio Creek	IA 05-TAR-1497	Aquatic Life	Biological Integrity	
704	West Twin Lake	IA 02-IOW-778	Aquatic Life	Chlorophyll-a	
705	West Twin Lake	IA 02-IOW-778	Aquatic Life	pH	
706	West Twin Lake	IA 02-IOW-778	Aquatic Life	Total Suspended Solids (TSS)	
707	White Breast Creek	IA 04-LDM-1059	Primary Contact Recreation	Escherichia coli (E. coli)	
708	White Breast Creek	IA 04-LDM-1825	Aquatic Life	Biological Integrity	
709	White Oak Conservation Area Lake	IA 03-SSK-929	Primary Contact Recreation	Secchi Disk Transparency	
710	Whitewater Creek	IA 01-NMQ-103	Aquatic Life	Benthic Macroinvertebrates	
711	Whitewater Creek	IA 01-NMQ-103	Primary Contact Recreation	Escherichia coli (E. coli)	
712	Whitewater Creek	IA 01-NMQ-103	Aquatic Life	Fish Kill(s)	
713	Whitewater Creek	IA 01-NMQ-104	Aquatic Life	Fish Kill(s)	
714	Willow Creek	IA 02-CED-6593	Primary Contact Recreation	Escherichia coli (E. coli)	
715	Willow Creek	IA 06-FLO-1829	Aquatic Life	Fish Kill(s)	
716	Willow Creek	IA 06-LSR-1611	Aquatic Life	Benthic Macroinvertebrates	
717	Willow Creek	IA 06-LSR-1626	Aquatic Life	Benthic Macroinvertebrates	
718	Willow Creek	IA 06-LSR-1626	Primary Contact Recreation	Escherichia coli (E. coli)	
719	Willow Creek	IA 06-LSR-6299	Primary Contact Recreation	Escherichia coli (E. coli)	
720	Wilson Park Lake	IA 05-PLA-1477	Primary Contact Recreation	Secchi Disk Transparency	X
721	Winnebago River	IA 02-WIN-826	Primary Contact Recreation	Escherichia coli (E. coli)	
722	Winnebago River	IA 02-WIN-827	Primary Contact Recreation	Escherichia coli (E. coli)	
723	Winnebago River	IA 02-WIN-831	Aquatic Life	Biological Integrity	
724	Wolf Creek	IA 02-CED-530	Primary Contact Recreation	Escherichia coli (E. coli)	

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	New Listing
725	Wolf Creek	IA 03-SSK-6626	Aquatic Life	Fish Kill(s)	
726	Wolf Creek	IA 05-CHA-1339	Aquatic Life	Biological Integrity	
727	Wolf Creek	IA 05-CHA-1339	Primary Contact Recreation	Escherichia coli (E. coli)	
728	Wonder Creek	IA 01-TRK-219	Primary Contact Recreation	Escherichia coli (E. coli)	
729	Yellow River	IA 01-YEL-2060	Primary Contact Recreation	Escherichia coli (E. coli)	
730	Yellow River	IA 01-YEL-2060	Aquatic Life, Primary Contact Recreation	pH	
731	Yellow River	IA 01-YEL-435	Aquatic Life	Fish Bioassessments	
732	Yellow River	IA 01-YEL-436	Aquatic Life	Fish Kill(s)	
733	Yellow River	IA 01-YEL-437	Aquatic Life	Fish Bioassessments	
734	Yellow River	IA 01-YEL-437	Aquatic Life, Primary Contact Recreation	pH	
735	Yellow Smoke Park Lake	IA 06-BOY-1514	Human Health	Mercury - Fish Consumption Advisory	X

Table 2. The EPA-approved 2022 CWA Section 303(d) List delistings and rationales.

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	2022 Delisting Rationale
1	Arrowhead Pond	IA 06-WED-1702	Contact Recreation	Chlorophyll-a	EPA-approved TMDL addresses impairment
2	Badger Creek Lake	IA 04-LDM-1100	Contact Recreation/Aquatic Life	pH	New data
3	Badger Lake	IA 04-UDM-1291	Contact Recreation	Chlorophyll-a	New data
4	Big Hollow Lake	IA 02-ICD-6496	Contact Recreation	Chlorophyll-a	New data
5	Bob White Lake	IA 05-CHA-1338	Aquatic Life	Dissolved Oxygen	New data
6	Bob White Lake	IA 05-CHA-1338	Contact Recreation	Chlorophyll-a	New data
7	Browns Lake	IA 06-WEM-1735	Contact Recreation	Chlorophyll-a	New data
8	Camp Creek	IA 04-LDM-1070	Aquatic Life	Fish Kill(s)	Enforcement action address cause
9	Carter Lake	IA 06-WEM-1714	Human Health	PCBS - Fish Consumption Advisory	New data
10	Cedar Creek	IA 04-LDM-1054	Aquatic Life	Biological Integrity	Assessment error
11	Clear Lake	IA 02-WIN-841	Contact Recreation	Escherichia coli (E. coli)	EPA-approved TMDL addresses impairment
12	Cooper Creek	IA 05-CHA-1323	Aquatic Life	Fish Bioassessments	Assessment error
13	East Fork Wapsipinicon River	IA 01-WPS-408	Aquatic Life	Biological Integrity	New data
14	Farmers Creek	IA 01-NMQ-94	Aquatic Life	Benthic Macroinvertebrates	New data
15	Floyd River	IA 06-FLO-1554	Aquatic Life	Fish Kill(s)	New data
16	Hecker Creek	IA 01-YEL-447	Aquatic Life	Fish Kill(s)	Assessment error
17	Hickory Grove Lake	IA 03-SSK-950	Contact Recreation	Chlorophyll-a	New data
18	Hickory Grove Lake	IA 03-SSK-950	Contact Recreation	Escherichia coli (E. coli)	New Data/EPA-approved TMDL addresses impairment
19	Kent Park Lake	IA 02-IOW-694	Contact Recreation	Escherichia coli (E. coli)	New data
20	Lake Ahquabi	IA 04-LDM-1080	Contact Recreation	Chlorophyll-a	New data
21	Lake Ahquabi	IA 04-LDM-1080	Contact Recreation	Escherichia coli (E. coli)	New Data/EPA-approved TMDL addresses impairment

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	2022 Delisting Rationale
22	Lake Orient	IA 05-NOD-1396	Contact Recreation	Chlorophyll-a	EPA-approved TMDL addresses impairment
23	Lake Orient	IA 05-NOD-1396	Contact Recreation/Aquatic Life	pH	EPA-approved TMDL addresses impairment
24	Lake Wapello	IA 04-LDM-1035	Contact Recreation	Escherichia coli (E. coli)	New data
25	Little Sioux River	IA 06-LSR-1578	Aquatic Life	Biological Integrity	New data
26	Marble Lake	IA 06-LSR-1656	Contact Recreation/Aquatic Life	Chlorophyll-a	New data
27	Mill Creek Lake	IA 06-LSR-1616	Contact Recreation	Chlorophyll-a	New data
28	Minnewashta Lake	IA 06-LSR-1650	Contact Recreation	Chlorophyll-a	New data
29	Nine Eagles Lake	IA 05-GRA-1361	Contact Recreation	Escherichia coli (E. coli)	EPA-approved TMDL addresses impairment
30	Nodaway Lake	IA 05-NOD-1401	Contact Recreation	Chlorophyll-a	New data
31	North Raccoon River	IA 04-RAC-1139	Aquatic Life	Biological Integrity	Assessment error
32	North Skunk River	IA 03-NSK-854	Aquatic Life	Chromium	New data
33	Old Mans Creek	IA 02-IOW-685	Aquatic Life	Biological Integrity	Assessment error
34	Old Mans Creek	IA 02-IOW-686	Aquatic Life	Fish Bioassessments	New data
35	Pickerel Lake	IA 04-RAC-1180	Contact Recreation/Aquatic Life	Chlorophyll-a	New data
36	Pickerel Lake	IA 04-RAC-1180	Contact Recreation/Aquatic Life	Turbidity	New data
37	Prairie Rose Lake	IA 05-NSH-1462	Contact Recreation	Turbidity	EPA-approved TMDL addresses impairment
38	Prairie Rose Lake	IA 05-NSH-1462	Contact Recreation	Chlorophyll-a	EPA-approved TMDL addresses impairment
39	Rodgers Park Lake	IA 02-CED-526	Aquatic Life	Dissolved Oxygen	New data
40	Saylorville Reservoir	IA 04-UDM-1213	Contact Recreation	Other	Assessment error
41	South Fork Iowa River	IA 02-IOW-746	Aquatic Life	Dissolved Oxygen	New data
42	South Prairie Lake	IA 02-CED-962	Aquatic Life	pH	New data
43	Springbrook Lake	IA 04-RAC-1196	Contact Recreation	Chlorophyll-a	New data
44	Tetes Des Morts Creek	IA 01-TRK-121	Aquatic Life	Benthic Macroinvertebrates	New data

Number	Water Body Name	ATTAINS ID	Impaired Use	Impairment Cause	2022 Delisting Rationale
45	Virgin Lake	IA 06-LSR-1630	Aquatic Life	Total Suspended Solids (TSS)	New data
46	Virgin Lake	IA 06-LSR-1630	Contact Recreation/Aquatic Life	Chlorophyll-a	New data
47	White Oak Conservation Area Lake	IA 03-SSK-929	Contact Recreation	Chlorophyll-a	New data
48	Wilson Park Lake	IA 05-PLA-1477	Contact Recreation	Chlorophyll-a	New data