UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7
11201 Renner Boulevard
Lenexa, Kansas 66219

OCT 0 6 2016

Mr. John Madras
Director, Water Protection Program
Missouri Department of Natural Resources
1101 Riverside Drive
Jefferson City, Missouri 65102

RECEIVED
OCT 13 2016
Water Protection Program

Dear Mr. Madras:

The U. S. Environmental Protection Agency, Region 7 has completed its review of public comments regarding proposed changes made by the EPA to Missouri's 2016 Clean Water Act, Section 303(d) List, as described in the July 12, 2016, decision letter to the Missouri Department of Natural Resources.

The EPA reviewed Missouri's 2016 § 303(d) List of impaired waters, and had previously determined that Missouri's list of water quality limited segments still requiring Total Maximum Daily Loads did not include certain waters and pollutants required to be listed. The EPA partially approved and partially disapproved Missouri's § 303(d) List and provided its rationale for this action in its letter to the MDNR dated July 12, 2016. The EPA then issued a public notice on July 15, 2016, seeking written comments on the EPA's proposed decision to add/restore 5 water body/pollutant pairs to Missouri's 2016 § 303(d) List. The 60-day public comment period closed on September 13, 2016. Pursuant to Region 7's revised method for public noticing decisions on § 303(d) lists (as described in the September 12, 2008, Federal Register Vol. 23, No. 178 p. 52928), the EPA placed its public notice and the associated decision letter on the EPA Region 7 website. The record supporting the EPA's decision was available upon request. The EPA's request for public comments was limited to decisions to add or restore the specific water body/pollutant pairs to the 2016 Missouri § 303(d) List.

After review of the comments received during this public notice period, Region 7 is making one modification to its proposed decision. The EPA is withdrawing its proposed listing of Peruque Creek, as the state provided additional information supporting a non-pollutant cause of the fish kills which led to its initial listing under § 303(d). The enclosures to this letter provide a detailed responsiveness summary to public comments the Agency received and a consolidated list summarizing the EPA's decisions on the 2016 Missouri § 303(d) List.

The EPA would like to discuss this decision further with the MDNR as you prepare your 2018 § 303(d) List for submission. Please contact me at (913) 551-7782, or John DeLashmit, Chief of the Water Quality Management Branch, at (913) 551-7821.

Sincerely,

Karen A. Flournoy
Director
Water, Wetlands and Pesticides Division

Enclosures
1. Comments responsiveness summary
2. Final 2016 Missouri § 303(d) List

cc: Ms. Trish Rielly, MDNR
Mr. John Hoke, MDNR
Mr. Refaat Mefrakis, MDNR

Attachment 1

ENVIRONMENTAL PROTECTION AGENCY – REGION 7

PUBLIC NOTICE of the

PROPOSED DECISION on the
2016 MISSOURI SECTION 303(d) LIST –

SUMMARY OF PUBLIC COMMENTS AND EPA RESPONSES

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Commenter: Missouri Department of Natural Resources – Trish Rielly, Chief Watershed Protection Section commented in a letter dated August 2, 2016, as an attached to an email.

Comment #1 Big River (WBID 2080)

The state commented that the geometric mean of zinc was below the state's listing threshold. The state further discounted Fish and Wildlife Service x-ray diffraction data for use in assessment due to inconsistencies.

As with the 2014 assessment by the EPA, the 2016 data show approximately 15 miles of this segment is consistently greater than the state's listing threshold. Of 15 samples in this area only three samples had zinc concentrations less than the state's listing threshold. This water body is also listed for cadmium and lead in sediment. Using all the data from what the state identifies as the Old Lead Belt the geometric mean is only 2% below the threshold of 150% of the probable effect level. Since these three metals tend to coexist in mine waste sediments, to delist zinc when it is at these elevated concentrations could mislead the public as to the conditions in this water body.

Consistent with its 2014 action, the EPA is not making revisions to its proposed decision based on this comment.

Comment #2 Peruque Creek (WBID 0216)

The state commented that the previously listed fish kills occurred immediately below the Lake St. Louis dam and not in the area mentioned in newspaper articles concerning discharges from a closed landfill located further downstream. The state also stated that previous fish kills were associated with hydrological alterations caused by the dam. The state reiterated that the water should be placed into Category 4c for a non-pollutant cause.

On receipt of this comment the EPA asked for further clarification as to the nature of these hydrological alterations and how the resulting fish kills were caused by these alterations but no additional kills have resulted. A second request for this information was sent to the state on August 2, 2016. The state replied on August 18, 2016 with a more in-depth analysis of the conditions which likely caused the fish kills. With the likelihood of an overflow from Lake St. Louis immediately upstream and the location of the fish on the bank above the contemporaneous water level the state's analysis suggests a physical trauma resulting from the fish being caught in an overflow from Lake St. Louis. There have been no further fish kills noted in this area.

Based on review of the additional data supplied by the state the EPA has determined that Peruque Creek (WBID 0216) can be removed from the state's section 303(d) list. As such, the EPA rescinds its proposed decision to add this water body to the state's list.

Comment #3 Turkey Creek (WBID 3217)

The state commented that it had already assessed areas of this segment separately based on the location of historic mining activity and that the geometric mean of lead in sediment in this area of historic mining did not exceed 150% of the probable effect concentration of lead in sediment.

An additional review of the state submitted data does show a subdivision of areas for assessment. The mid-reaches of this area do have lower concentrations of lead, cadmium and zinc in sediments. Because

the magnitude of these concentrations compared to the state's listing threshold is higher for cadmium and zinc those causes remain listed while lead concentrations fall below listing threshold. Five of the 11 samples in this historic mining area exceed the listing threshold for lead. This analysis is consistent with the EPA's assessment of the data for the 2014 listing cycle that further differentiation within this area, as to sources of lead contamination, indicate two portions of this water body are impaired by lead in sediments.

The EPA is not making revisions to its proposed decision based on this comment.

Comment #4 Willow Branch (WBID 3280)

The state commented that it no longer has access to the upstream sampling site and that the downstream site is most appropriate for assessment purposes. The state also commented that the water should remain on the state's section 303(d) list and also that the water be placed in Category 3.

In reviewing the data submitted with the state's list using all available data cadmium and lead in sediment are below the state's narrative targets using the geometric mean and 150% of the probable effect concentrations. Comparing the state's 2014 cycle assessment with the 2016 assessment the only change in data is an additional sample collected at the most downstream site. This sample exceeded the state's listing threshold for cadmium, lead and zinc. The state's assessment methodology changed in that the geometric mean rather than the arithmetic average was used to assess against the 150% probable effect concentration threshold. The assessment sheet submitted also identifies that a tributary to Willow Branch is not the source of the contaminated sediments. Without additional data from an upstream site the only new data further indicates impairment. This would indicate that the most upstream site which the state no longer can access and which exhibited concentrations greater than 6 times the states benchmark is likely the source of contaminated sediments. The state's assessment worksheet recommends additional samples from the upper portion of the stream. The EPA agrees that additional samples taken above the tributary in the source area for contaminated sediments are needed to ensure this water body is no longer impaired.

The EPA is not making revisions to its proposed decision based on this comment.

Comment #5 General comments on water body identification information included in the EPA Table 2 from its Initial decision document.

A list of corrections to water body location and other information was corrected in the final 2016 Missouri Section 303(d) List attachment to this action.

Attachment 2. Final 2016 Missouri Section 303(d) List

No.	Water Body Name	WBID	Class	MDNR Water Body Size (mi/acres)	County Upstream/ Downstream	Pollutant/Cause
1	Antire Cr.	2188	P	1.9	St. Louis	Escherichia coli (W)
2	Antire Cr.	2188	P	1.9	St. Louis	pH (W)
3	August A Busch Lake No. 37	7627	UL	30	St. Charles	Mercury in Fish Tissue (T)
4	Barker Creek Tributary	4083	C	1.2	Henry	Dissolved Oxygen
5	Bass Cr.	0752	C	4.4	Boone	Escherichia coli (W)
6	Baynham Br.	3240	P	4	Newton	Escherichia coli (W)
7	Bee Fk.	2760	C	8.7	Reynolds	Lead (W)
8	Bee Tree Lake	7309	L3	10	St. Louis	Mercury in Fish Tissue (T)
9	Beef Br.	3224	P	2.5	Newton	Cadmium (S)
10	Beef Br.	3224	P	2.5	Newton	Cadmium (W)
11	Beef Br.	3224	P	2.5	Newton	Lead (S)
12	Beef Br.	3224	P	2.5	Newton	Zinc (S)
13	Beef Br.	3224	P	2.5	Newton	Zinc (W)
14	Belcher Branch Lake	7365	L3	42	Buchanan	Mercury in Fish Tissue (T)
15	Bens Br.	3980	C	5.8	Jasper	Cadmium (S)
16	Bens Br.	3980	C	5.8	Jasper	Lead (S)
17	Bens Br.	3980	C	5.8	Jasper	Zinc (S)
18	Bens Br.	3980	C	5.8	Jasper	Zinc (W)
19	Big Cr.	2916	P	34.1	Iron	Cadmium (S)
20	Big Cr.	2916	P	34.1	Iron	Lead (S)
21	Big Piney R.	1578	P	7.8	Texas	Oxygen, Dissolved (W)
22	Big R.	2080	P	81.3	St. Francois/Jefferson	Cadmium (S)
23	Big R.	2080	P	81.3	St. Francois/Jefferson	Lead (S)
24	Big R.	2080	P	81.3	St. Francois/Jefferson	Lead (T)
25	Big R.	2080	P	81.3	St. Francois/Jefferson	Zinc (S)
26	Black Cr.	0111	P	19.4	Shelby	Escherichia coli (W)
27	Black Cr.	3825	P	1.6	St. Louis	Chloride (W)
28	Black Cr.	3825	P	1.6	St. Louis	Escherichia coli (W)
29	Black R.	2769	P	47.1	Butler	Mercury in Fish Tissue (T)
30	Black R.	2784	P	39.0	Wayne/Butler	Mercury in Fish Tissue (T)
31	Blackberry Cr.	3184	C	6.5	Jasper	Chloride (W)
32	Blackberry Cr.	3184	C	6.5	Jasper	Sulfate plus chloride (W)
33	Blackberry Cr.	3184	C	6.5	Jasper	Oxygen, Dissolved (W)
34	Blue R.	0417	P	4.4	Jackson	Escherichia coli (W)
35	Blue R.	0418	P	9.4	Jackson	Escherichia coli (W)
36	Blue R.	0419	P	7.7	Jackson	Escherichia coli (W)
37	Bonhomme Cr.	1701	C	2.5	St. Louis	Escherichia coli (W)
38	Bonhomme Cr.	1701	C	2.5	St. Louis	pH (W)
39	Bonne Femme Cr.	0750	P	7.8	Boone	Escherichia coli (W)
40	Bonne Femme Cr.	0753	C	7.0	Boone	Escherichia coli (W)
41	Bourbeuse R.	2034	P	136.7	Phelps/Franklin	Mercury in Fish Tissue (T)
42	Bowling Green (Old) Lake	7003	L1	7.0	Pike	Chlorophyll-a(W)
43	Bowling Green (Old) Lake	7003	L1	7.0	Pike	Nitrogen, Total (W)

No.	Water Body Name	WBID	Class	MDNR Water Body Size (mi/acres)	County Upstream/ Downstream	Pollutant/Cause
44	Bowling Green (Old) Lake	7003	L1	7.0	Pike	Phosphorus, Total (W)
45	Brazeau Cr.	1796	P	10.8	Perry	Escherichia coli (W)
46	Brush Cr.	1371	P	4.7	Polk/St. Clair	Oxygen, Dissolved (W)
47	Brush Cr.	3986	C	5.4	Jackson	Chrysene (S)
48	Brush Cr.	3986	C	5.4	Jackson	Escherichia coli (W)
49	Brush Cr.	3986	C	5.4	Jackson	Fluoranthene (S)
50	Brush Cr.	3986	C	5.4	Jackson	Oxygen, Dissolved (W)
51	Brush Cr.	3986	C	5.4	Jackson	Phenanthrene (S)
52	Brush Cr.	3986	C	5.4	Jackson	Pyrene (S)
53	Buffalo Bill Lake	7117	L3	45.0	DeKalb	Mercury in Fish Tissue (T)
54	Buffalo Cr.	3273	P	8.0	Newton/McDonald	Fishes Bioassessments (W)
55	Burgher Br.	1865	C	1.5	Phelps	Oxygen, Dissolved (W)
56	Busch Lake #35	7057	L3	51.0	St. Charles	Mercury in Fish Tissue (T)
57	Capps Cr.	3234	P	5.0	Barry/Newton	Escherichia coli (W)
58	Carver Br.	3241	P	3.0	Newton	Escherichia coli (W)
59	Castor R.	2288	P	7.5	Bollinger	Escherichia coli (W)
60	Cedar Cr.	0737	C	37.4	Boone	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
61	Cedar Cr.	1344	P	31.0	Cedar	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
62	Cedar Cr.	1344	P	31.0	Cedar	Escherichia coli (W)
63	Cedar Cr.	1344	P	31.0	Cedar	Oxygen, Dissolved (W)
64	Cedar Cr.	1357	C	16.2	Dade/Cedar	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
65	Cedar Cr.	1357	C	16.2	Dade/Cedar	Oxygen, Dissolved (W)
66	Center Cr.	3203	P	26.8	Jasper	Cadmium (S)
67	Center Cr.	3203	P	26.8	Jasper	Cadmium (W)
68	Center Cr.	3203	P	26.8	Jasper	Lead (S)
69	Center Cr.	3210	P	21.0	Newton/Jasper	Escherichia coli (W)
70	Center Cr.	3214	P	4.9	Lawrence/Newton	Escherichia coli (W)
71	Center Creek Trib.	5003	C	2.7	Jasper	Cadmium (W)
72	Center Creek Trib.	5003	C	2.7	Jasper	Zinc (W)
73	Chat Creek Trib.	3963	US	0.9	Lawrence	Cadmium (W)
74	Chat Creek Trib.	3963	US	0.9	Lawrence	Zinc (W)
75	Chaumiere Lake	7634	UL	3.4	Clay	Mercury in Fish Tissue (T)
76	Cinque Hommes Cr.	1781	P	17.1	Perry	Escherichia coli (W)
77	Clear Cr.	1333	P	28.2	Vernon/St.Clair	Oxygen, Dissolved (W)
78	Clear Cr.	1336	C	22.3	Vernon	Oxygen, Dissolved (W)
79	Clear Cr.	3238	P	11.1	Lawrence/Newton	Escherichia coli (W)
80	Clear Cr.	3239	C	3.5	Barry/Lawrence	Nutrient/Eutrophication Biol. Indicators (W)
81	Clear Cr.	3239	C	3.5	Barry/Lawrence	Oxygen, Dissolved (W)
82	Clear Fk.	0935	P	25.8	Johnson	Oxygen, Dissolved (W)
83	Clearwater Lake	7326	L2	1635	Wayne	Chlorophyll-a (W)
84	Clearwater Lake	7326	L2	1635	Wayne	Mercury in Fish Tissue (T)
85	Clearwater Lake	7326	L2	1635	Wayne	Phosphorus, Total (W)
86	Coldwater Cr.	1706	C	6.9	St. Louis	Chloride (W)
87	Coldwater Cr.	1706	C	6.9	St. Louis	Escherichia coli (W)
88	Coonville Cr.	2177	C	1.3	St. Francois	Lead (W)
89	Coot Lake	7378	L3	20.0	Jackson	Mercury in Fish Tissue (T)

No.	Water Body Name	WBID	Class	MDNR Water Body Size (mi/acres)	County Upstream/ Downstream	Pollutant/Cause
90	Cottontail Lake	7379	L3	22.0	Jackson	Mercury in Fish Tissue (T)
91	Courtois Cr.	1943	P	32.0	Washington	Lead (S)
92	Courtois Cr.	1943	P	32.0	Washington	Zinc (S)
93	Crane Cr.	2382	P	13.2	Stone	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
94	Crane Lake	7334	L3	109.0	Iron	Chlorophyll-a (W)
95	Crane Lake	7334	L3	109.0	Iron	Phosphorus, Total (W)
96	Craven Ditch	2816	C	11.6	Butler	Oxygen, Dissolved (W)
97	Creve Coeur Cr.	1703	C	3.8	St. Louis	Chloride (W)
98	Creve Coeur Cr.	1703	C	3.8	St. Louis	Escherichia coli (W)
99	Creve Coeur Cr.	1703	C	3.8	St. Louis	Oxygen, Dissolved (W)
100	Crooked Cr.	1928	P	3.5	Crawford	Cadmium (S)
101	Crooked Cr.	1928	P	3.5	Crawford	Cadmium (W)
102	Crooked Cr.	1928	P	3.5	Crawford	Lead (S)
103	Crooked Cr.	3961	C	6.5	Iron/Dent	Cadmium (W)
104	Crooked Cr.	3961	C	6.5	Iron/Dent	Copper (W)
105	Crowder St. Park Lake	7135	L3	18.0	Grundy	Mercury in Fish Tissue (T)
106	Current R.	2636	P	124.0	Shannon/Ripley	Mercury in Fish Tissue (T)
107	Dardenne Cr.	0219	P1	7.0	St. Charles	Oxygen, Dissolved (W)
108	Deer Cr.	3826	P	1.6	St. Louis/St. Louis City	Chloride (W)
109	Deer Cr.	3826	P	1.6	St. Louis/St. Louis City	Escherichia coli (W)
110	Deer Ridge Community Lake	7015	L3	39.0	Lewis	Mercury in Fish Tissue (T)
111	Ditch # 36	3109	P	7.8	Dunklin	Oxygen, Dissolved (W)
112	Douger Br.	3810	C	2.8	Lawrence	Lead (S)
113	Douger Br.	3810	C	2.8	Lawrence	Zinc (S)
114	Dousinbury Cr.	1180	P	3.9	Dallas	Escherichia coli (W)
115	Dry Fk.	1792	C	3.2	Perry	Escherichia coli (W)
116	Dry Fk.	3189	C	10.2	Jasper	Escherichia coli (W)
117	Dry Hollow	3163	C	0.5	Lawrence	Escherichia coli (W)
118	Dutro Carter Cr.	3569	P	1.5	Phelps	Oxygen, Dissolved (W)
119	Dutro Carter Cr.	3570	C	0.5	Phelps	Escherichia coli (W)
120	Duval Cr.	3199	C	7	Jasper	Escherichia coli (W)
121	East Fk. Crooked R.	0372	P	19.9	Ray	Oxygen, Dissolved (W)
122	East Fk. Grand R.	0457	P	28.7	Worth/Gentry	Escherichia coli (W)
123	East Fk. Locust Cr.	0608	P	16.7	Sullivan	Escherichia coli (W)
124	East Fk. Locust Cr.	0610	C	15.7	Sullivan	Escherichia coli (W)
125	East Fk. Locust Cr.	0610	C	15.7	Sullivan	Oxygen, Dissolved (W)
126	East Fk. Tebo Cr.	1282	C	14.5	Henry	Oxygen, Dissolved (W)
127	East Whetstone Cr.	3964	C	3.1	Wright	Ammonia, Total (W)
128	Eaton Br.	2166	C	1.2	St. Francois	Cadmium (S)
129	Eaton Br.	2166	C	1.2	St. Francois	Cadmium (W)
130	Eaton Br.	2166	C	1.2	St. Francois	Lead (S)
131	Eaton Br.	2166	C	1.2	St. Francois	Zinc (S)
132	Eaton Br.	2166	C	1.2	St. Francois	Zinc (W)
133	Eleven Point R.	2593	P	22.7	Oregon	Mercury in Fish Tissue (T)
134	Eleven Point R.	2597	P	11.4	Oregon	Mercury in Fish Tissue (T)
135	Eleven Point R.	2601	P	22.3	Oregon	Mercury in Fish Tissue (T)
136	Elkhorn Cr.	0189	C	21.4	Montgomery	Oxygen, Dissolved (W)

No.	Water Body Name	WBID	Class	MDNR Water Body Size (mi/acres)	County Upstream/ Downstream	Pollutant/Cause
137	Elm Br.	1283	C	3.0	Henry	Oxygen, Dissolved (W)
138	Fee Fee Cr. (new)	1704	P	1.5	St. Louis	Chloride (W)
139	Fee Fee Cr. (new)	1704	P	1.5	St. Louis	Escherichia coli (W)
140	Fellows Lake	7237	L1	800.0	Greene	Mercury in Fish Tissue (T)
141	Fenton Cr.	3595	P	0.5	St. Louis	Chloride (W)
142	Fenton Cr.	3595	P	0.5	St. Louis	Escherichia coli (W)
143	Fishpot Cr.	2186	P	3.5	St. Louis	Chloride (W)
144	Fishpot Cr.	2186	P	3.5	St. Louis	Escherichia coli (W)
145	Fivemile Cr	3220	P	5.0	Newton	Escherichia coli (W)
146	Flat Cr.	0864	P	23.7	Pettis/Morgan	Mercury in Fish Tissue (T)
147	Flat River Cr.	2168	C	10.0	St. Francois	Cadmium (W)
148	Forest Lake	7151	L1	580.0	Adair	Chlorophyll-a (W)
149	Forest Lake	7151	L1	580.0	Adair	Mercury in Fish Tissue (T)
150	Forest Lake	7151	L1	580.0	Adair	Nitrogen, Total (W)
151	Forest Lake	7151	L1	580.0	Adair	Phosphorus, Total (W)
152	Foster Branch Trib.	3943	C	0.2	Boone	Oxygen, Dissolved (W)
153	Fowler Cr.	0747	C	6.0	Boone	Oxygen, Dissolved (W)
154	Fox Cr.	1842	P	7.2	St. Louis	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
155	Fox R.	0038	P	42.0	Clark	Escherichia coli (W)
156	Fox Valley Lake	7008	L3	89.0	Clark	Chlorophyll-a (W)
157	Fox Valley Lake	7008	L3	89.0	Clark	Nitrogen, Total (W)
158	Fox Valley Lake	7008	L3	89.0	Clark	Phosphorus, Total (W)
159	Foxboro Lake	7382	L3	22.0	Franklin	Mercury in Fish Tissue (T)
160	Frisco Lake	7280	L3	5.0	Phelps	Mercury in Fish Tissue (T)
161	Gailey Br.	4061	C	3.2	Pike	Oxygen, Dissolved (W)
162	Gans Cr.	1004	C	5.5	Boone	Escherichia coli (W)
163	Gasconade R.	1455	P	264.0	Pulaski	Mercury in Fish Tissue (T)
164	Grand Glaize Cr.	2184	C	4.0	St. Louis	Chloride (W)
165	Grand Glaize Cr.	2184	C	4.0	St. Louis	Escherichia coli (W)
166	Grand Glaize Cr.	2184	C	4.0	St. Louis	Mercury in Fish Tissue (T)
167	Grand R.	0593	P	56.0	Livingston/Chariton	Escherichia coli (W)
168	Gravois Cr.	1712	P	2.3	St. Louis/St. Louis City	Chloride (W)
169	Gravois Cr.	1712	P	2.3	St. Louis/St. Louis City	Escherichia coli (W)
170	Gravois Cr.	1713	C	6.0	St. Louis	Chloride (W)
171	Gravois Cr.	1713	C	6.0	St. Louis	Escherichia coli (W)
172	Gravois Creek Trib.	4051	C	1.9	St. Louis	Escherichia coli (W)
173	Grindstone Cr.	1009	C	2.5	Boone	Escherichia coli (W)
174	Harrison County Lake	7386	L1	280.0	Harrison	Mercury in Fish Tissue (T)
175	Hazel Creek Lake	7152	L1	453.0	Adair	Chlorophyll-a (W)
176	Hazel Creek Lake	7152	L1	453.0	Adair	Mercury in Fish Tissue (T)
177	Headwater Diversion Channel	2196	P	20.3	Cape Girardeau	Mercury in Fish Tissue (T)
178	Heath's Cr.	0848	P	21.0	Pettis/Cooper	Oxygen, Dissolved (W)
179	Hickory Br.	0596	C	6.8	Chariton	Oxygen, Dissolved (W)
180	Hickory Cr.	3226	P	4.9	Newton	Escherichia coli (W)
181	Hinkson Cr.	1007	P	7.6	Boone	Escherichia coli (W)
182	Hinkson Cr.	1008	C	18.8	Boone	Escherichia coli (W)
183	Holden City Lake	7193	L1	290.2	Johnson	Mercury in Fish Tissue (T)

No.	Water Body Name	WBID	Class	MDNR Water Body Size (mi/acres)	County Upstream/ Downstream	Pollutant/Cause
184	Hominy Br.	1011	C	1.0	Boone	Escherichia coli (W)
185	Honey Cr.	3169	P	16.5	Lawrence	Escherichia coli (W)
186	Honey Cr.	3170	C	2.7	Lawrence	Escherichia coli (W)
187	Horse Cr.	1348	P	27.7	Vernon/Cedar	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
188	Horse Cr.	1348	P	27.7	Vernon/Cedar	Oxygen, Dissolved (W)
189	Horseshoe Cr.	3413	C	5.8	Lafayette/Jackson	Oxygen, Dissolved (W)
190	Hough Park Lake	7388	L3	10.0	Cole	Mercury in Fish Tissue (T)
191	Hunnewell Lake	7029	L3	228.0	Shelby	Mercury in Fish Tissue (T)
192	Indian Cr.	0420	C	3.4	Jackson	Chloride (W)
193	Indian Cr.	0420	C	3.4	Jackson	Escherichia coli (W)
194	Indian Cr.	1946	P	1.9	Washington	Lead (S)
195	Indian Cr.	1946	P	1.9	Washington	Zinc (S)
196	Indian Cr.	3256	P	30.8	Newton/McDonald	Escherichia coli (W)
197	Indian Creek Community Lake	7389	L3	185.0	Livingston	Mercury in Fish Tissue (T)
198	Jacobs Br.	3223	P	1.6	Newton	Cadmium (S)
199	Jacobs Br.	3223	P	1.6	Newton	Cadmium (W)
200	Jacobs Br.	3223	P	1.6	Newton	Lead (S)
201	Jacobs Br.	3223	P	1.6	Newton	Zinc (S)
202	Jacobs Br.	3223	P	1.6	Newton	Zinc (W)
203	Jenkins Cr.	3207	P	2.8	Jasper	Escherichia coli (W)
204	Jenkins Cr.	3208	C	4.8	Newton/Jasper	Escherichia coli (W)
205	Jones Cr.	3205	P	7.5	Newton/Jasper	Escherichia coli (W)
206	Joplin Cr.	5006	C	3.9	Jasper	Cadmium (W)
207	Jordan Cr.	3374	P	3.8	Greene	Benzo[a]anthracene (S)
208	Jordan Cr.	3374	P	3.8	Greene	Benzo[a]pyrene (S)
209	Jordan Cr.	3374	P	3.8	Greene	Chrysene (S)
210	Jordan Cr.	3374	P	3.8	Greene	Fluoranthene (S)
211	Jordan Cr.	3374	P	3.8	Greene	Phenanthrene (S)
212	Jordan Cr.	3374	P	3.8	Greene	Pyrene (S)
213	Kiefer Cr.	3592	P	1.2	St. Louis	Chloride (W)
214	Kiefer Cr.	3592	P	1.2	St. Louis	Escherichia coli (W)
215	Knox Village Lake	7657	L3	3.0	Jackson	Mercury in Fish Tissue (T)
216	Koen Cr.	2171	C	1.0	St. Francois	Lead (S)
217	L. St. Francis R.	2854	P	32.4	Madison	Lead (S)
218	Labelle Lake #2	7023	L1	98.0	Lewis	Mercury in Fish Tissue (T)
219	Lake Boutin	7659	L3	20.0	Cape Girardeau	Mercury in Fish Tissue (T)
220	Lake Buteo	7469	L3	7.0	Johnson	Mercury in Fish Tissue (T)
221	Lake of the Woods	7436	L3	3.0	Boone	Mercury in Fish Tissue (T)
222	Lake of the Woods	7629	UL	7.0	Jackson	Mercury in Fish Tissue (T)
223	Lake Paho	7132	L3	273.0	Mercer	Mercury in Fish Tissue (T)
224	Lake St. Louis	7054	L3	444.0	St. Charles	Mercury in Fish Tissue (T)
225	Lake Ste. Louise	7055	L3	71.0	St. Charles	Mercury in Fish Tissue (T)
226	Lake Tom Sawyer	7035	L3	4.0	Monroe	Mercury in Fish Tissue (T)
227	Lake Winnebago	7212	L3	272.0	Cass	Mercury in Fish Tissue (T)
228	Lamine R.	0847	P	64.0	Morgan/Cooper	Escherichia coli (W)
229	Lat. #2 Main Ditch	3105	P	11.5	Stoddard	Oxygen, Dissolved (W)
230	Lat. #2 Main Ditch	3105	P	11.5	Stoddard	Temperature, water (W)
231	Lee Rowe Ditch	3137	C	6.0	Mississippi	Oxygen, Dissolved (W)
232	Lewistown Lake	7020	L1	35.0	Lewis	Atrazine (W)

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233	Line Cr.	3575	C	7.0	Platte	Escherichia coli (W)
234	Little Beaver Cr.	1529	C	3.5	Phelps	Escherichia coli (W)
235	Little Beaver Cr.	1529	C	3.5	Phelps	Sedimentation/Siltation (S)
236	Little Blue R.	0422	P	35.1	Jackson	Escherichia coli (W)
237	Little Bonne Femme Cr.	1003	P	9.0	Boone	Escherichia coli (W)
238	Little Dry Fk.	1863	P	5.2	Phelps	Oxygen, Dissolved (W)
239	Little Dry Fk.	1864	C	4.7	Phelps	Oxygen, Dissolved (W)
240	Little Drywood Cr.	1325	P	20.5	Vernon	Oxygen, Dissolved (W)
241	Little Drywood Cr.	1326	C	15.6	Barton/Vernon	Oxygen, Dissolved (W)
242	Little Lost Cr.	3279	P	5.8	Newton	Escherichia coli (W)
243	Little Medicine Cr.	0623	P	39.8	Mercer/Grundy	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
244	Little Medicine Cr.	0623	P	39.8	Mercer/Grundy	Escherichia coli (W)
245	Little Osage R.	3652	C	23.6	Vernon	Escherichia coli (W)
246	Locust Cr.	0606	P	91.7	Putnam/Sullivan	Escherichia coli (W)
247	Logan Cr.	2763	P	36.0	Reynolds	Lead (S)
248	Long Branch Cr.	0696	C	14.8	Macon	Oxygen, Dissolved (W)
249	Longview Lake	7097	L2	953.0	Jackson	Mercury in Fish Tissue (T)
250	Lost Cr.	3278	P	8.5	Newton	Escherichia coli (W)
251	M. Fk. Salt R.	0123	C	25.4	Macon	Oxygen, Dissolved (W)
252	Main Ditch	2814	C	13.0	Butler	pH (W)
253	Main Ditch	2814	C	13.0	Butler	Temperature, water (W)
254	Maline Cr.	1709	C	0.6	St. Louis/St. Louis City	Escherichia coli (W)
255	Maline Cr.	3839	C	0.5	St. Louis City	Chloride (W)
256	Maline Cr.	3839	C	0.5	St. Louis City	Escherichia coli (W)
257	Maple Leaf Lake	7398	L3	127.0	Lafayette	Mercury in Fish Tissue (T)
258	Maple Slough	3140	C	18.2	Miss/New Madrid	Oxygen, Dissolved (W)
259	Mark Twain Lake	7033	L2	18132.0	Ralls	Mercury in Fish Tissue (T)
260	Mattese Cr.	3596	P	1.1	St. Louis	Escherichia coli (W)
261	Mattese Cr.	3596	P	1.1	St. Louis	Chloride (W)
262	McClanahan Cr.	1786	C	2.5	Perry	Escherichia coli (W)
263	McCoy Cr.	0214	C	4.5	St. Charles	Oxygen, Dissolved (W)
264	Medicine Cr.	0619	P	43.8	Putnam/Grundy	Escherichia coli (W)
265	Meramec R.	2183	P	22.8	St. Louis	Escherichia coli (W)
266	Meramec R.	2183	P	22.8	St. Louis	Lead (S)
267	Meramec R.	2185	P	15.7	Jefferson/St. Louis	Lead (S)
268	Miami Cr.	1299	P	19.6	Bates	Oxygen, Dissolved (W)
269	Middle Fork Grand R.	0468	P	27.5	Worth/Gentry	Escherichia coli (W)
270	Middle Indian Cr.	3262	C	3.5	Newton	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
271	Middle Indian Cr.	3263	P	2.2	Newton	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
272	Middle Indian Cr.	3263	P	2.2	Newton	Escherichia coli (W)
273	Mill Cr. (aka Town Fork Cr.)	4066	C	3.4	Jackson	Escherichia coli (W)
274	Mill Cr. (aka Town Fork Cr.)	4066	C	3.4	Jackson	Oxygen, Dissolved (W)
275	Mississippi R.	1707.03	P	44.6	St. Louis/St. Genevieve	Escherichia coli (W)
276	Missouri R.	0226	P	184.5	Atchison/Jackson	Escherichia coli (W)
277	Missouri R.	0356	P	129.0	Jackson/Chariton	Escherichia coli (W)

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278	Missouri R.	1604	P	104.5	St. Charles/St. Louis	Escherichia coli (W)
279	Monroe City Lake	7031	L1	94.0	Ralls	Mercury in Fish Tissue (T)
280	Monsanto Lake	7301	L3	18.0	St. Francois	Nitrogen, Total (W)
281	Mozingo Lake	7402	L1	898.0	Nodaway	Mercury in Fish Tissue (T)
282	Muddy Cr.	0853	P	62.2	Pettis	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
283	Mussel Fk.	0674	C	29.0	Sullivan/Macon	Escherichia coli (W)
284	Niangua R.	1170	P	56.0	Webster/Dallas	Escherichia coli (W)
285	Nishnabotna R.	0227	P	10.2	Atchison	Escherichia coli (W)
286	No Cr.	0550	P	28.7	Grundy/Livingston	Escherichia coli (W)
287	No Cr.	0550	P	28.7	Grundy/Livingston	Oxygen, Dissolved (W)
288	Noblett Lake	7316	L3	26.0	Douglas	Chlorophyll-a (W)
289	Noblett Lake	7316	L3	26.0	Douglas	Mercury in Fish Tissue (T)
290	Noblett Lake	7316	L3	26.0	Douglas	Phosphorus, Total (W)
291	Nodaway R.	0279	P	59.3	Nodaway/Andrew	Escherichia coli (W)
292	Norfork Lake	7317	L2	1000.0	Ozark	Mercury in Fish Tissue (T)
293	North Bethany City Reservoir	7109	L3	78.0	Harrison	Mercury in Fish Tissue (T)
294	North Branch Wilsons Cr.	3811	P	3.8	Greene	Zinc (S)
295	North Fk. Cuivre R.	0158	P	25.1	Pike/Lincoln	Escherichia coli (W)
296	North Fk. Cuivre R.	0170	C	10.0	Pike	Escherichia coli (W)
297	North Fk. Spring R.	3186	P	17.4	Jasper	Escherichia coli (W)
298	North Fk. Spring R.	3188	C	55.9	Barton	Ammonia, Total (W)
299	North Fk. Spring R.	3188	C	55.9	Dade/Jasper	Escherichia coli (W)
300	North Fk. Spring R.	3188	C	55.9	Dade/Jasper	Oxygen, Dissolved (W)
301	North Indian Cr.	3260	P	5.2	Newton	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
302	North Indian Cr.	3260	P	5.2	Newton	Escherichia coli (W)
303	Omete Cr.	1794	C	1.2	Perry	Escherichia coli (W)
304	Osage R.	1293	P	50.7	Vernon/St.Clair	Escherichia coli (W)
305	Osage R.	1293	P	50.7	Vernon/St.Clair	Oxygen, Dissolved (W)
306	Palmer Lake	7441	L3	102.0	Washington	Mercury in Fish Tissue (T)
307	Panther Cr.	1373	C	9.7	St.Clair/Polk	Oxygen, Dissolved (W)
308	Pearson Cr.	2373	P	8.0	Greene	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
309	Pearson Cr.	2373	P	8.0	Greene	Escherichia coli (W)
310	Peno Cr.	0099	C	14.4	Pike	Oxygen, Dissolved (W)
311	Perry County Community Lake	7273	L3	89.0	Perry	Mercury in Fish Tissue (T)
312	Perry Phillips Lake	7628	UL	32.0	Boone	Mercury in Fish Tissue (T)
313	Peruque Cr.	0215	P1	9.6	St. Charles	Oxygen, Dissolved (W)
314	Peruque Cr.	0217	P	4.0	St. Charles	Fishes Bioassessment/Unknown (W)
315	Peruque Cr.	0218	C	10.9	Warren/St. Charles	Oxygen, Dissolved (W)
316	Peruque Cr.	0218	C	10.9	Warren/St. Charles	Fishes Bioassessment/Unknown (W)
317	Pike Cr.	2815	C	6.0	Butler	Oxygen, Dissolved (W)
318	Platte R.	0312	P	142.4	Worth/Platte	Escherichia coli (W)
319	Pleasant Run Cr.	1327	C	7.6	Vernon	Oxygen, Dissolved (W)
320	Pole Cat Slough	3120	P	12.6	Dunklin	Oxygen, Dissolved (W)
321	Pole Cat Slough	3120	P	12.6	Dunklin	Temperature, water (W)
322	Pomme de Terre R.	1440	P	69.1	Webster/Polk	Escherichia coli (W)

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323	Red Oak Cr.	2038	C	10.0	Gasconade	Oxygen, Dissolved (W)
324	Rinquelin Trail Community Lake	7204	L3	27.0	Maries	Mercury in Fish Tissue (T)
325	River des Peres	1710	C	2.6	St. Louis City	Chloride (W)
326	River des Peres	1710	C	2.6	St. Louis City	Escherichia coli (W)
327	River des Peres	1710	C	2.6	St. Louis City	Oxygen, Dissolved (W)
328	River des Peres	3972	C	13.6	St. Louis	Chloride (W)
329	River des Peres	3972	C	13.6	St. Louis	Escherichia coli (W)
330	Salt Cr.	0594	C	14.9	Chariton	Oxygen, Dissolved (W)
331	Salt Fk.	0893	P	26.7	Saline	Oxygen, Dissolved (W)
332	Salt Pine Cr.	2113	C	1.2	Washington	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
333	Salt R.	0091	P	29.0	Ralls/Pike	Oxygen, Dissolved (W)
334	Salt R.	0103	P1	9.3	Ralls	Mercury in Fish Tissue (T)
335	Salt R.	0103	P1	9.3	Ralls	Oxygen, Dissolved (W)
336	Shibboleth Br.	2119	P	1.0	Washington	Lead (S)
337	Shibboleth Br.	2119	P	1.0	Washington	Zinc (S)
338	Shoal Cr.	3222	P	50.5	Newton	Zinc (S)
339	Slater Br.	3754	C	3.7	Jasper	Escherichia coli (W)
340	Sni-a-bar Cr.	0399	P	36.6	Jackson/Lafayette	Oxygen, Dissolved (W)
341	South Blackbird Cr.	0655	C	13.0	Putnam	Ammonia, Total (W)
342	South Fk. Salt R.	0142	C	40.1	Callaway/Audrain	Oxygen, Dissolved (W)
343	South Grand R.	1249	P	66.8	Cass/Henry	Escherichia coli (W)
344	South Indian Cr.	3259	P	8.7	McDonald/Newton	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
345	South Indian Cr.	3259	P	8.7	McDonald/Newton	Escherichia coli (W)
346	Spencer Cr.	0224	C	1.5	St. Charles	Chloride (W)
347	Spring Br.	5007	C	3.1	St. Louis	Escherichia coli (W)
348	Spring R.	3160	P	61.7	Lawrence/Jasper	Escherichia coli (W)
349	Spring R.	3164	P	8.8	Lawrence	Escherichia coli (W)
350	Spring R.	3165	P	11.9	Lawrence	Escherichia coli (W)
351	St. Francis R.	2835	P	93.1	St. Francois	Temperature, water (W)
352	St. John's Ditch	3138	P	15.3	New Madrid	Escherichia coli (W)
353	St. John's Ditch	3138	P	15.3	New Madrid	Mercury in Fish Tissue (T)
354	Stevenson Bayou	3135	C	6.4	Mississippi	Oxygen, Dissolved (W)
355	Straight Fk.	0959	C	6.0	Morgan	Oxygen, Dissolved (W)
356	Strother Cr.	2751	P	6.0	Iron/Reynolds	Aquatic Macroinvertebrate Bioassessments/Unknown (W)
357	Strother Cr.	2751	P	6.0	Iron/Reynolds	Lead (S)
358	Strother Cr.	2751	P	6.0	Iron/Reynolds	Lead (W)
359	Strother Cr.	2751	P	6.0	Iron/Reynolds	Nickel (S)
360	Strother Cr.	2751	P	6.0	Iron/Reynolds	Zinc (S)
361	Strother Cr.	2751	P	6.0	Iron/Reynolds	Zinc (W)
362	Strother Cr.	3965	US	0.9	Reynolds/Iron	Arsenic (S)
363	Strother Cr.	3965	US	0.9	Reynolds/Iron	Lead (S)
364	Strother Cr.	3965	US	0.9	Reynolds/Iron	Nickel (S)
365	Strother Cr.	3965	US	0.9	Reynolds/Iron	Zinc (S)
366	Strother Cr.	3965	US	0.9	Reynolds/Iron	Zinc (W)
367	Sugar Cr.	0686	P	6.8	Randolph	Oxygen, Dissolved (W)
368	Sugar Creek Lake	7166	L1	308.0	Randolph	Mercury in Fish Tissue (T)

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369	Sunset Lake	7399	L3	6.0	Cole	Mercury in Fish Tissue (T)
370	Table Rock Lake, James, Kings and Long Cr. Arms	7313	L2	41747.0	Taney	Nutrient/Eutrophication Biol. Indicators (W)
371	Table Rock Lake, White River Arm	7313	L2	41747.0	Barry/Taney	Chlorophyll (W)
372	Table Rock Lake, White River Arm	7313	L2	41747.0	Barry/Taney	Nitrogen, Total (W)
373	Terre Du Lac Lakes	7297	L3	371.4	St. Francois	Nitrogen, Total (W)
374	Thirtyfour Corner Blue Hole	7352	L3	9.0	Mississippi	Mercury in Fish Tissue (T)
375	Thompson R.	0549	P	70.6	Harrison	Escherichia coli (W)
376	Thurman Cr.	3243	P	3.0	Newton	Escherichia coli (W)
377	Trib. To Coon Cr.	0133	C	2.0	Randolph	Oxygen, Dissolved (W)
378	Trib. To Flat River	3938	US	0.3	St. Francois	Zinc (W)
379	Trib. To Goose Cr.	1420	C	3.0	Lawrence	Escherichia coli (W)
380	Trib. To Little Muddy Cr.	3490	C	1.0	Pettis	Chloride (W)
381	Trib. To Old Mines Cr.	2114	C	1.5	Washington	Sedimentation/Siltation (S)
382	Trib. To Red Oak Cr.	3360	C	0.5	Gasconade	Oxygen, Dissolved (W)
383	Trib. To Red Oak Cr.	3361	C	1.9	Gasconade	Oxygen, Dissolved (W)
384	Trib. to Shoal Cr.	3981	US	1.6	Jasper/Newton	Cadmium (W)
385	Trib. to Shoal Cr.	3981	US	1.6	Jasper/Newton	Zinc (W)
386	Trib. to Shoal Cr.	3982	US	2.2	Jasper/Newton	Zinc (W)
387	Trib. to Turkey Cr.	3983	US	2.9	Jasper	Cadmium (W)
388	Trib. to Turkey Cr.	3983	US	2.9	Jasper	Cadmium (S)
389	Trib. to Turkey Cr.	3983	US	2.9	Jasper	Lead (S)
390	Trib. to Turkey Cr.	3983	US	2.9	Jasper	Zinc (S)
391	Trib. to Turkey Cr.	3983	US	2.9	Jasper	Zinc (W)
392	Trib. to Turkey Cr.	3984	US	2.2	Jasper	Cadmium (W)
393	Trib. to Turkey Cr.	3984	US	2.2	Jasper	Zinc (W)
394	Trib. to Turkey Cr.	3985	US	1.6	Jasper	Zinc (W)
395	Trib. To Willow Fk.	0956	C	0.5	Moniteau	Oxygen, Dissolved (W)
396	Trib. To Wolf Cr.	3589	C	1.5	St. Francois	Oxygen, Dissolved (W)
397	Troublesome Cr.	0074	C	41.3	Knox	Oxygen, Dissolved (W)
398	Troublesome Cr.	0074	C	41.3	Knox/Marion	Sedimentation/Siltation (S)
399	Truitt Cr.	3174	P	1.5	Lawrence	Escherichia coli (W)
400	Truitt Cr.	3175	C	6.4	Lawrence	Escherichia coli (W)
401	Turkey Cr.	0751	C	6.3	Boone	Escherichia coli (W)
402	Turkey Cr.	3216	P	7.7	Jasper	Cadmium (S)
403	Turkey Cr.	3216	P	7.7	Jasper	Cadmium (W)
404	Turkey Cr.	3216	P	7.7	Jasper	Lead (S)
405	Turkey Cr.	3216	P	7.7	Jasper	Zinc (S)
406	Turkey Cr.	3217	P	6.1	Jasper	Cadmium (S)
407	Turkey Cr.	3217	P	6.1	Jasper	Escherichia coli (W)
408	Turkey Cr.	3217	P	6.1	Jasper	Lead (S)
409	Turkey Cr.	3217	P	6.1	Jasper	Zinc (S)
410	Turkey Cr.	3282	P	2.4	St. Francois	Cadmium (S)
411	Turkey Cr.	3282	P	2.4	St. Francois	Cadmium (W)
412	Turkey Cr.	3282	P	2.4	St. Francois	Copper (S)
413	Turkey Cr.	3282	P	2.4	St. Francois	Lead (S)
414	Turkey Cr.	3282	P	2.4	St. Francois	Lead (W)
415	Turkey Cr.	3282	P	2.4	St. Francois	Nickel (S)

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416	Turkey Cr.	3282	P	2.4	St. Francois	Zinc (S)
417	Turkey Cr.	3282	P	2.4	St. Francois	Zinc (W)
418	Turnback Cr.	1414	P	19.9	Lawrence/Dade	Escherichia coli (W)
419	Twomile Cr.	4079	C	5.6	St. Louis	Escherichia coli (W)
420	Unity Village Lake #2	7099	L1	26.0	Jackson	Mercury in Fish Tissue (T)
421	Warm Fk. Spring R.	2579	P	13.8	Oregon	Fecal Coliform (W)
422	Watkins Cr.	1708	C	1.4	St. Louis/St. Louis City	Chloride (W)
423	Watkins Cr.	1708	C	1.4	St. Louis/St. Louis City	Escherichia coli (W)
424	Watkins Creek Trib.	4097	C	1.2	St. Louis	Escherichia coli (W)
425	Watkins Creek Trib.	4098	C	1.2	St. Louis	Escherichia coli (W)
426	Weatherby Lake	7071	L3	185.0	Platte	Chlorophyll-a (W)
427	Weatherby Lake	7071	L3	185.0	Platte	Mercury in Fish Tissue (T)
428	Weatherby Lake	7071	L3	185.0	Platte	Nitrogen, Total (W)
429	Weatherby Lake	7071	L3	185.0	Platte	Phosphorus, Total (W)
430	Weldon R.	0560	P	43.4	Mercer/Grundy	Escherichia coli (W)
431	West Fork Black R.	2755	P	32.3	Reynolds	Lead (S)
432	West Fork Black R.	2755	P	32.3	Reynolds	Nickel (S)
433	West Fork Drywood Cr.	1317	C	8.1	Vernon	Oxygen, Dissolved (W)
434	Whetstone Cr.	1504	P	12.2	Wright	Oxygen, Dissolved (W)
435	White Oak Cr.	3182	C	18.0	Lawrence/Jasper	Escherichia coli (W)
436	Wildhorse Cr.	1700	C	3.9	St. Louis	Escherichia coli (W)
437	Williams Cr.	3171	P	1.0	Lawrence	Escherichia coli (W)
438	Williams Cr.	3172	P	8.5	Lawrence	Escherichia coli (W)
439	Williams Cr.	3594	P	1.0	St. Louis	Escherichia coli (W)
440	Willow Br.	3280	P	2.2	Newton	Cadmium (S)
441	Willow Br.	3280	P	2.2	Newton	Escherichia coli (W)
442	Willow Br.	3280	P	2.2	Newton	Lead (S)
443	Willow Br.	3280	P	2.2	Newton	Zinc (S)
444	Willow Fk.	0955	C	6.8	Moniteau	Oxygen, Dissolved (W)
445	Wilsons Cr.	2375	P	14.0	Greene/Christian	Benzo[a]anthracene (S)
446	Wilsons Cr.	2375	P	14.0	Greene/Christian	Chrysene (S)
447	Wilsons Cr.	2375	P	14.0	Greene/Christian	Fluoranthene (S)
448	Wilsons Cr.	2375	P	14.0	Greene/Christian	Phenanthrene (S)
449	Wilsons Cr.	2375	P	14.0	Greene/Christian	Pyrene (s)
450	Wilsons Cr.	2375	P	14.0	Greene/Christian	Escherichia coli (W)
451	Woods Fk.	2429	C	5.5	Christian	Fisheries Bioassessment/Unknown (W)