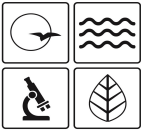


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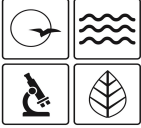
Row #	Year	WBID	Waterbody Name	Pollutant	Delist Reason	Delist Comment	County Up/Down	WBD 8
1	2018	2188	Antire Cr.	pH (W)	WQS attained; recovery reason unknown	New data shows stream meets LMD definition of unimpaired water.	St. Louis	07140102
2	2018	2080	Big R.	Zinc (S)	4A - TMDL approved or established by EPA	TMDL Approved in 2010	Washington/Jefferson	07140104
3	2018	1701	Bonhomme Cr.	pH (W)	WQS attained; recovery reason unknown	No exceedances of this standard occurred in 68 samples from 2010 through 2016.	St. Louis	10300200
4	2018	3986	Brush Creek	Chrysene, C1-C4 (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Jackson	10300101
5	2018	3986	Brush Creek	Fluoranthene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Jackson	10300101
6	2018	3986	Brush Creek	Phenanthrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Jackson	10300101
7	2018	3986	Brush Creek	Pyrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Jackson	10300101
8	2018	1943	Courtois Cr.	Zinc (S)	Status unknown - Orig listing in error	Geomean was originally compared to 100% PEC not 150% PEC. Geomen is less than 150% PEC.	Washington/Crawford	07140102
9	2018	3964	East Whetstone Cr.	Ammonia, Total (W)	WQS attained; due to restoration action	Mountain Grove East WWTP was upgraded in 2013. Recent 2015 data shows no DO or Ammonia problems.	Wright	10290201
10	2018	2186	Fishpot Cr.	Escherichia coli (W)	4A - TMDL approved or established by EPA	EPA Approved TMDL in 2016.	St. Louis	07140102
11	2018	7152	Hazel Creek Lake	Mercury in Fish Tissue (T)	WQS attained; recovery reason unknown	Additional data reduced the geomean of Hg in fish tissue.	Adair	10280201
12	2018	596	Hickory Br.	Oxygen, Dissolved (W)	WQS attained; recovery reason unknown	No impairment using current listing methodology. However, it is likely that the DO issue remains. Additional testing will be recommended.	Chariton	10280103
13	2018	3256	Indian Cr.	Escherichia coli (W)	WQS attained; recovery reason unknown	Most recent three years geomeans all less than the criterion.	Newton/McDonald	11070208
14	2018	3374	Jordan Cr.	Benzo-a-anthracene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
15	2018	3374	Jordan Cr.	Benzo-a-pyrene -PAHs (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
16	2018	3374	Jordan Cr.	Chrysene, C1-C4 (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
17	2018	3374	Jordan Cr.	Fluoranthene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
18	2018	3374	Jordan Cr.	Phenanthrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
19	2018	3374	Jordan Cr.	Pyrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
20	2018	7054	Lake St. Louis	Mercury in Fish Tissue (T)	WQS attained; recovery reason unknown	Using additional data, the mean level dropped below 0.3 mg/kg.	St. Charles	07110009
21	2018	3105	Lateral #2 Main Ditch	Temperature, water (W)	WQS attained; recovery reason unknown	New data in 2015 and 2016 shows 4 exceedances out of 21 measurements. Binomial probability is 0.1520 according to LMD not impaired.	Stoddard	08020204
22	2018	623	L. Medicine Cr.	Aquatic Macroinvertebrate Bioassessments (W)	WQS attained; new assessment method	Using binomial probability, waterbody numbers do not differ from biorefs.	Mercer/Grundy	10280103



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23	2018	606	Locust Cr.	Benthic-Macroinvertebrate Bioassessments (W)	WQS attained; new assessment method	Additional (MDC-RAM) data considered; no impairment indicated.	Putnam/Chariton	10280103
24	2018	857	Long Br.	Oxygen, Dissolved (W)	WQS attained; recovery reason unknown	Additional DO data shows no longer impaired (3 out of 18 samples Binomial Probability of 0.266)	Johnson/Pettis	10300103
25	2018	3140	Maple Slough	Oxygen, Dissolved (W)	WQS attained; new assessment method	For DO exceedances, use of binomial probability adjustment reverses impairment decision. For inverts, this waterbody is the biorep for the EDU, so its attainment percentage equals the EDU's.	Mississippi/New Madrid	08020201
26	2018	2185	Meramec R.	Lead (S)	Status unknown - Orig listing in error	Lacks biological data to confirm impairment, original assessment did not include 2008 duplicate samples. Geomean now under 150% PEC.	Jefferson/St. Louis	07140102
27	2018	853	Muddy Cr.	Aquatic Macroinvertebrate Bioassessments (W)	WQS attained; recovery reason unknown	Recent data shows invert community scores are all above 16.	Pettis	10300103
28	2018	170	N. Fk. Cuivre R.	Escherichia coli (W)	Status unknown - Orig listing in error	There are no E. coli data for this waterbody. Data from an adjacent waterbody (158) were used in previous assessments.	Pike	07110008
29	2018	3188	N. Fk. Spring R.	Ammonia, Total (W)	WQS attained; due to restoration action	Lamar WWTF upgraded in 2012. No Ammonia DMR violations in last three years.	Dade/Jasper	11070207
30	2018	7441	Palmer Lake	Mercury in Fish Tissue (T)	WQS attained; recovery reason unknown	New data shows average and 60% UCL below 0.3 criterion.	Washington	07140102
31	2018	217	Peruque Cr.	Fishes Bioassessments (W)	WQS attained; original listing incorrect	MDNR (2002) study contradicts conclusion that waterbody is impaired by fine sediment deposition. Using current listing methodology, no impairments are indicated.	St. Charles	07110009
32	2018	2113	Salt Pine Cr.	Aquatic Macroinvertebrate Bioassessments (W)	Status unknown - Orig listing in error	Changing pollutant to Lead and Zinc in sediment.	Washington	07140104
33	2018	2119	Shibboleth Br.	Lead (S)	4A - TMDL approved or established by EPA	TMDL for Shibboleth Br. WBID 2120 covers the same sources for WBID 2119. WBID 2120 flows into 2119.	Washington	07140104
34	2018	2119	Shibboleth Br.	Zinc (S)	4A - TMDL approved or established by EPA	TMDL for Shibboleth Br. WBID 2120 covers the same sources for WBID 2119. WBID 2120 flows into 2119.	Washington	07140104
35	2018	3230	Shoal Cr.	Fecal Coliform (W)	Status unknown - Orig listing in error	Changing listed pollutant to E.coli.	Barry/Newton	11070207
36	2018	3138	St. Johns Ditch	Escherichia coli (W)	WQS attained; recovery reason unknown	Three most recent years did not exceed WBC(B) standard.	New Madrid	08020201
37	2018	7297	Terre Du Lac Lakes	Nitrogen, Total (W)	WQS attained; recovery reason unknown	Newly added data shows geomeans all below criteria.	St. Francois	07140104
38	2018	133	Trib. to Coon Cr.	Oxygen, Dissolved (W)	WQS attained; original listing incorrect	Per LMD, the waterbody is not impaired; but it does appear to have DO/nutrients issues.	Randolph	07110006
39	2018	2579	Warm Fk. Spring R.	Fecal Coliform (W)	WQS attained; recovery reason unknown	E. coli data from 2016 were below WBC(A) standard.	Oregon	11010010
40	2018	3280	Willow Br.	Lead (S)	WQS attained; recovery reason unknown	New data shows geomean is less than 150% PEC.	Newton	11070206
41	2018	2375	Wilsons Cr.	Benzo-a-anthracene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene/Christian	11010002
42	2018	2375	Wilsons Cr.	Chrysene, C1-C4 (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene/Christian	11010002
43	2018	2375	Wilsons Cr.	Fluoranthene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene/Christian	11010002



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44	2018	2375	Wilsons Cr.	Phenanthrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene/Christian	11010002
45	2018	2375	Wilsons Cr.	Pyrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene/Christian	11010002

Key To List:

Row #: Row number that is not unique to any water, but is simply a count of the rows (listings).

Year = Year this waterbody/pollutant pair was delisted

WBID = Unique waterbody identification number

Delist Cause = Pollutant or cause for which the waterbody was originally listed

Delist Reason = Reason/Justification for delisting action

Delist Comment = Comments or additional justification explaining the delisting action

Source = The source of the pollutant causing the impairment

Missouri Department of Natural Resources, Water Protection Program, (573)751-1300, www.dnr.mo.gov

http://www.dnr.mo.gov/mocwis_public/wqa/waterbodySearch.do

<http://dnr.mo.gov/env/esp/wqm/biologicalassessments.htm>

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