Missouri Department of Natural Resources
2018 Section 303(d) Delisted Waters

EPA Approved 08-30-2019

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	2916	Big Cr.	Lead (S)	WQS attained; recovery reason unknown	Addition of 2017 Limnotech sediment data brings lead geometric mean below 150% PEC	Iron/Wayne	08020202
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	1706	Coldwater Cr.	Escherichia coli (W)	4A - TMDL approved or established by EPA	EPA approved TMDL 7-2016 for E. coli	St. Louis	10300200
9	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
10	2018	1703	Creve Coeur Cr.	Escherichia coli (W)	4A - TMDL approved or established by EPA	EPA approved TMDL 7-2016 for E. coli	St. Louis	10300200
11	2018	1703	Creve Coeur Cr.	Oxygen, Dissolved (W)	WQS attained; due to restoration action	Extensive pipeline work and the removal of by passes 2007-2015. Re-assessed the water using 2010-2017 data. This re-assessment shows the WQ is improving in Creve Coeur Creek and that it no longer meets the LMD definition of an impaired stream.	St. Louis	10300200
12	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
13	2018	2186	Fishpot Cr.	Escherichia coli (W)	4A - TMDL approved or established by EPA	EPA Approved TMDL in 2016.	St. Louis	07140102
14	2018	1842	Fox Cr.	Aquatic Macroinvertebrate Bioassessments (W)	4C - Not caused by a pollutant	2014 Bio-assessment report concludes poor invert scores are due to conditions of low flow, no flow, and low DO likely from low or now flow . Scores are also incorrectly compared to permanent flow streams when the report clearly shows the stream is not.	St. Louis	07140102
15	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
16	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
17	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
18	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
19	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
20	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
21	2018	3374	Jordan Cr.	Fluoranthene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
22	2018	3374	Jordan Cr.	Phenanthrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
23	2018	3374	Jordan Cr.	Pyrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene	11010002
24	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
25	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 measurments. Binomial probability is 0.1520 according to LMD not impaired.	Stoddard	08020204
26	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
27	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
28	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 bioref for the EDU, so its attainment percentage equals the EDU's.	Mississippi/New Madrid	08020201

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29	2018	3596	Mattese Cr.	Chloride (W)	WQS attained; recovery reason unknown	MSD provided additional 2017 data showing water is now meeting WQS.	St. Louis	07140102
30	2018	214	McCoy Cr.	Oxygen, Dissolved (W)	WQS attained; due to restoration action	319 Project completed in 2015 on Dry Branch (G11-NPS-07) which enters into McCoy Creek US of locations used for assessment. 2016 data shows no DO excd. and lower average nutrients. Wentzville Water Reclamation Plant also underwent upgrades in 14-15.	St. Charles	07110008
31	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
32	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
33	2018	674	Mussel Fk.	Escherichia coli (W)	4A - TMDL approved or established by EPA	EPA Approved TMDL for Escheria coli.	Sullivan/Macon	10280202
34	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
35	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
36	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
37	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
38	2018	218	Peruque Cr.	Fishes Bioassessments (W)	Status unknown - Orig listing in error	Changing pollutant from Fishes Bioassessments/Unknown to Aquatic Macroinvertebrate Bioassessments/Unknown.	Warren/St. Charles	07110009
39	2018	1710	River des Peres	Oxygen, Dissolved (W)	WQS attained; original listing incorrect	MSD provided comments and field sheets showing DO was collected during backwater conditions. DO under these conditions is not representative of in-stream conditions.	St. Louis City	07140101
40	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
41	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
42	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
43	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
44	2018	2751	Strother Cr.	Aquatic Macroinvertebrate Bioassessments (W)	WQS attained; due to restoration action	We assume the invertebrate community was impaired due to metals in water and sediment. We are removing this cause because the metals have been corrected. Will prioritize invertebrate monitoring and re-assess the invertebrate community status.	Iron/Reynolds	11010007
45	2018	2751	Strother Cr.	Lead (S)	WQS attained; due to restoration action	New data shows sediment concentrations below PECs. Restoration work and a new treatment plant have been implemented.	Iron/Reynolds	11010007
46	2018	2751	Strother Cr.	Lead (W)	WQS attained; due to restoration action	New data shows sediment concentrations below PECs. Restoration work and a new treatment plant have been implemented.	Iron/Reynolds	11010007
47	2018	2751	Strother Cr.	Nickel (S)	WQS attained; due to restoration action	New data shows sediment concentrations below PECs. Restoration work and a new treatment plant have been implemented.	Iron/Reynolds	11010007
48	2018	2751	Strother Cr.	Zinc (S)	WQS attained; due to restoration action	New data shows sediment concentrations below PECs. Restoration work and a new treatment plant have been implemented.	Iron/Reynolds	11010007
49	2018	2751	Strother Cr.	Zinc (W)	WQS attained; due to restoration action	New data shows sediment concentrations below PECs. Restoration work and a new treatment plant have been implemented.	Iron/Reynolds	11010007
50	2018	3965	Strother Cr.	Arsenic (S)	WQS attained; due to restoration action	New data from LimnoTech shows water is now meeting LMD definition of an unimpaired water.New Doe Run plant in November of 2015.	Iron	11010007
51	2018	3965	Strother Cr.	Lead (S)	WQS attained; due to restoration action	New data from LimnoTech shows water is now meeting LMD definition of an unimpaired water.New Doe Run plant in November of 2015.	Iron	11010007
52	2018	3965	Strother Cr.	Nickel (S)	WQS attained; due to restoration action	New data from LimnoTech shows water is now meeting LMD definition of an unimpaired water.New Doe Run plant in November of 2015.	Iron	11010007
53	2018	3965	Strother Cr.	Zinc (S)	WQS attained; due to restoration action	New data from LimnoTech shows water is now meeting LMD definition of an unimpaired water. New Doe Run plant in November of 2015.	Iron	11010007
54	2018	3965	Strother Cr.	Zinc (W)	WQS attained; due to restoration action	New data from LimnoTech shows water is now meeting LMD definition of an unimpaired water. New Doe Run plant in November of 2015.	Iron	11010007

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55	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
56	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
57	2018	3360	Trib. to Red Oak Cr.	Oxygen, Dissolved (W)	WQS attained; due to restoration action	Data after PIL shows water meeting criteria.	Gasconade	07140103
58	2018	3361	Trib. to Red Oak Cr.	Oxygen, Dissolved (W)	WQS attained; due to restoration action	Data after PIL shows water meeting criteria.	Gasconade	07140103
59	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
60	2018	1708	Watkins Cr.	Escherichia coli (W)	4A - TMDL approved or established by EPA	EPA Approved TMDL 7-2016 for E.coli	St. Louis/St. Louis City	07140101
61	2018	2755	W. Fk. Black R.	Nutrient/Eutrophication Biol. Indicators (W)	WQS attained; original listing incorrect	2010 TMDL has been withdrawn.	Reynolds	11010007
62	2018	2755	W. Fk. Black R.	Zinc (W)	WQS attained; due to restoration action	The facility discharge monitoring reports demonstrate that since the new treatment plant became operational in June of 2017, no permit limits have been violated	Reynolds	11010007
63	2018	3280	Willow Br.	Lead (S)	WQS attained; recovery reason unknown	New data shows geomean is less then 150% PEC.	Newton	11070206
64	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
65	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
66	2018	2375	Wilsons Cr.	Fluoranthene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene/Christian	11010002
67	2018	2375	Wilsons Cr.	Phenanthrene (S)	Status unknown - Orig listing in error	Water is being relisted under Polycyclic Aromatic Hydrocarbons-PAHs.	Greene/Christian	11010002
68	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