Missouri Department of Natural Resources
2020 Section 303(d) Delisted Waters

Clean Water Commission Approved on April 2, 2020

Row #	Year	WBID	Waterbody Name	Pollutant	Delist Reason	Delist Comment	County Up/Down	WBD 8
1	2020	2760.00	Bee Fk.	Lead (W)	WQS attained; due to restoration action	Mine water and tailings water discharges from Fletcher mine and mill have been discontinued. 2017 and 2019 data show the lead levels in water are meeting WQS.	Reynolds	11010007
2	2020	3184.00	Blackberry Cr.	Oxygen, Dissolved (W)	WQS attained; recovery reason unknown	Additional data shows DO is now meeting standard.	Jasper	11070207
3	2020	111.00	Black Cr.	Escherichia coli (W)	4A - TMDL approved or established by EPA	TMDL approved by EPA on 2/8/2019.	Shelby	07110005
4	2020	3825.00	Black Creek	Escherichia coli (W)	4A - TMDL approved or established by EPA	TMDL approved by EPA in 2019.	St. Louis	07140101
5	2020	3986.00	Brush Creek	Polycyclic Aromatic Hydrocarbons-PAHs (S)	Status unknown - Orig listing in error	Original listing was based on combination of KS and MO sites, but when evaluated only using the MO site Total PAHs were below 100% PEC value.	Jackson	10300101
6	2020	2288.00	Castor R.	Escherichia coli (W)	WQS attained; recovery reason unknown	Recent data shows low E. coli levels.	Bollinger	07140107
7	2020	3203.00	Center Cr.	Cadmium (W)	WQS attained; due to change in WQS	WQS changed to median hardness rather than 25th percentile. Water is now meeting WQS.	Jasper	11070207
8	2020	3203.00	Center Cr.	Escherichia coli (W)	WQS attained; recovery reason unknown	Last three years of data show geometric means below the WQS.	Jasper	11070207
9	2020	3203.00	Center Cr.	Zinc (W)	WQS attained; due to change in WQS	WQS changed to median hardness rather than 25th percentile. Water is now meeting WQS.	Jasper	11070207
10	2020	3168.00	Chat Cr.	Cadmium (W)	WQS attained; recovery reason unknown	Water Quality standards met.	Lawrence	11070207
11	2020	1336.00	Clear Cr.	Oxygen, Dissolved (W)	Status unknown - Orig listing in error	Most of the low DO data is older, newer data shows some exceedences, but are likely due to lack of flow.	Vernon	10290105
12	2020	2177.00	Coonville Cr.	Lead (W)	WQS attained; due to change in WQS	New WQS changed to median hardness. Raised the chronic standard from 5.02 to 6.72. The data shows two excedances but on the same day. This is considered one toxcity event. There must be more than one event for a water to be listed as impaired.	St. Francois	07140104
13	2020	1943.00	Courtois Cr.	Lead (S)	WQS attained; due to restoration action	Doe Run constructed a treatment plant at the Viburnum facility that discharges into Indian Cr. and then Courtois Cr. Operation of the facility began in 10/2016. Data collected in 2017 and 2019 show levels of Pb in sediment are below 150%PEC.	Washington/Crawford	07140102
14	2020	1928.00	Crooked Creek	Cadmium (S)	WQS attained; due to restoration action	Regular discharges by Doe Run into Crooked Creek from Casteel Mine and BRRF were eliminated 2014 and 2016. 2017 and 2019 data show cadmium in sediment is below 150% PEC.	Crawford	07140102
15	2020	1928.00	Crooked Creek	Cadmium (W)	WQS attained; due to restoration action	Regular discharges by Doe Run into Crooked Creek from Casteel Mine and BRRF were eliminated 2014 and 2016. 2017 and 2019 data show cadmium in water is meeting WQS.	Crawford	07140102
16	2020	1928.00	Crooked Creek	Lead (S)	WQS attained; due to restoration action	Regular discharges by Doe Run into Crooked Creek from Casteel Mine and BRRF were eliminated 2014 and 2016. 2017 and 2019 data show lead in sediment is below 150% PEC.	Crawford	07140102
17	2020	3826.00	Deer Creek	Escherichia coli (W)	4A - TMDL approved or established by EPA	TMDL approved by EPA in 2019.	St. Louis/St. Louis City	07140101
18	2020	1180.00	Dousinbury Cr.	Escherichia coli (W)	WQS attained; recovery reason unknown	Meeting E. coli standard. TMDL approved by EPA in 2018.	Dallas	10290110
19	2020	428.00	E. Fk. L. Blue R.	Escherichia coli (W)	WQS attained; recovery reason unknown	Last three years of data show geometric means below the WQS.	Jackson	10300101
20	2020	610.00	E. Fk. Locust Cr.	Oxygen, Dissolved (W)	WQS attained; original listing incorrect	Impairment was based on samples collected during non-flowing conditions. Per the LMD, DO criterion applies conditions when flowing water is present.	Sullivan	10280103
21	2020	7151.00	Forest Lake	Nitrogen, Total (W)	WQS attained; new assessment method	Per LMD, Total nitrogen criteria are met for latest seven years of data. Still impaired for chlorophyll-a.	Adair	10280202

Row #	Year	WBID	Waterbody Name	Pollutant	Delist Reason	Delist Comment	County Up/Down	WBD 8
22	2020	7151.00	Forest Lake	Phosphorus, Total (W)	WQS attained; new assessment method	Per LMD, Total phosphorus criteria are met for latest seven years of data. Still impaired for chlorophyll-a.	Adair	10280202
23	2020	1712.00	Gravois Creek	Escherichia coli (W)	4A - TMDL approved or established by EPA	TMDL approved by EPA in 2018	St. Louis/St. Louis City	07140101
24	2020	1713.00	Gravois Creek	Escherichia coli (W)	4A - TMDL approved or established by EPA	TMDL approved by EPA in 2018.	St. Louis	07140101
25	2020	1946.00	Indian Cr.	Lead (S)	WQS attained; due to restoration action	Doe Run constructed a treatment plant at the Viburnum facility that discharges into Indian Cr. and then Courtois Cr. Operation of the facility began in 10/2016. Data collected in 2017 and 2019 show levels of Pb in sediment are below 150% PEC.	Washington	07140102
26	2020	1946.00	Indian Cr.	Lead (W)	WQS attained; due to restoration action	Doe Run constructed a treatment plant at the Viburnum facility that discharges into Indian Cr. and then Courtois Cr. Operation of the facility began in 10/2016. Data collected in 2017 and 2019 show levels of Pb in water are meeting WQS.	Washington	07140102
27	2020	1946.00	Indian Cr.	Zinc (S)	WQS attained; due to restoration action	Doe Run constructed a treatment plant at the Viburnum facility that discharges into Indian Cr. and then Courtois Cr. Operation of the facility began in 10/2016. Data collected in 2017 and 2019 show levels of Zn. in sediment are below 150% PEC.	Washington	07140102
28	2020	3592.00	Keifer Cr.	Chloride (W)	WQS attained; recovery reason unknown	Last three years of data show only one chloride exceedance. Water meets LMD definition of an unimpaired stream.	St. Louis	07140102
29	2020	4115.00	Little Antire Creek	Escherichia coli (W)	WQS attained; recovery reason unknown	MSD provided additional data collected in 2019. The criterion is based on the yearly geometric mean over the past three years of available data. 2017, 2018, and 2019 geometric means were all below the WBC B criterion.	Jefferson/St. Louis	07140102
30	2020	623.00	L. Medicine Cr.	Escherichia coli (W)	4A - TMDL approved or established by EPA	Bacteria TMDL approved by EPA in 2019.	Mercer/Grundy	10280103
31	2020	1189.00	L. Niangua R.	Oxygen, Dissolved (W)	WQS attained; recovery reason unknown	Water now meeting DO standards based on last 10 years of data and LMD procedures.	Dallas/Camden	10290110
32	2020	1709.00	Maline Creek	Escherichia coli (W)	4A - TMDL approved or established by EPA	TMDL approved by EPA in 2018.	St. Louis/St. Louis City	07140101
33	2020	619.00	Medicine Cr.	Escherichia coli (W)	4A - TMDL approved or established by EPA	Bacteria TMDL Approved by EPA in 2019.	Putnam/Grundy	10280103
34	2020	2183.00	Meramec R.	Escherichia coli (W)	WQS attained; recovery reason unknown	Last three years of data show geometric means below the WQS.	St. Louis	07140102
35	2020	1707.03	Mississippi R.	Escherichia coli (W)	WQS attained; recovery reason unknown	Data shows yearly recreation season geometric means of samples did not exceed the WBC B criterion in the last three years of available data.	St. Louis/Ste. Genevieve	07140101
36	2020	1170.00	Niangua R.	Escherichia coli (W)	4A - TMDL approved or established by EPA	TMDL approved by EPA in 2018.	Webster/Dallas	10290110
37	2020	1293.00	Osage R.	Oxygen, Dissolved (W)	WQS attained; recovery reason unknown	Water now meeting DO standards based on last 10 years of data and LMD procedures.	Vernon/St. Clair	10290105
38	2020	7273.00	Perry County Community Lake	Mercury in Fish Tissue (T)	WQS attained; recovery reason unknown	New data shows standards are being met. 60% LCL level under 0.300.	Perry	07140105
39	2020	1440.00	Pomme de Terre R.	Escherichia coli (W)	WQS attained; recovery reason unknown	Last three years of data show geometric means below the WQS.	Webster/Polk	10290107
40	2020	2038.00	Red Oak Cr.	Oxygen, Dissolved (W)	WQS attained; recovery reason unknown	DO standard is now being met.	Gasconade	07140103
41	2020	2755.00	W. Fk. Black R.	Lead (S)	WQS attained; recovery reason unknown	Additional data collected in 2017 and 2019 shows levels of lead in sediment within the first 1.3 miles below the mine are below 150% PEC.	Reynolds	11010007
42	2020	2755.00	W. Fk. Black R.	Nickel (S)	WQS attained; recovery reason unknown	Additional data collected in 2017 and 2019 shows levels of nickel in sediment within the first 1.3 miles below the mine are below 150% PEC.	Reynolds	11010007
43	2020	3594.00	Williams Cr.	Escherichia coli (W)	WQS attained; recovery reason unknown	Last three years of data show geometric means below the secondary contact recreation use criterion, but above the whole body contact B criterion. Stream is still impaired for escherichia coli for the whole body contact B use.	St. Louis	07140102

Row #	Year	WBID	Waterbody Name	Pollutant	Delist Reason	Delist Comment	County Up/Down	WBD 8
44	2020	2375.00	Wilsons Cr.	Polycyclic Aromatic Hydrocarbons-PAHs (S)	WQS attained; new assessment method	Following LMD for Total PAH's. Total PAH's are less than 150% PEC. Biological community shows impairment.	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

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