

Appendix D: Impairment Causes Delisted from the 2016 303(d) List (Category 5)

Watershed	TMDL Planning Area	HUC	ID305B	Water Body Name Location	Cause Of Impairment	Delisting Reason	Delist Date
Little Missouri/Belle Fourche	Little Missouri	10110204	MT39G002_010	LAMESTEER NATIONAL WILDLIFE REFUGE	Other	Refinement of terminology of listing cause	12/14/2017
Lower Yellowstone	Rosebud	10100003	MT42A001_012	ROSEBUD CREEK, Northern Cheyenne Reservation boundary to boundary at S28/29 T6N R42E	Other	Refinement of terminology of listing cause	12/14/2017
Lower Yellowstone	Middle Yellowstone Tributaries	10100001	MT42K002_080	NORTH FORK SUNDAY CREEK, Custer/Rosebud County border to mouth (Sunday Creek)	Sediment	Refinement of terminology of listing cause	12/07/2017
Missouri Headwaters	Beaverhead	10020002	MT41B001_010	BEAVERHEAD RIVER, Clark Canyon Dam to Grasshopper Creek	Lead	Applicable WQS attained; reason for recovery unspecified	03/02/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_010	GRASSHOPPER CREEK, headwaters to mouth (Beaverhead River)	Cadmium	Applicable WQS attained, according to new assessment method	01/05/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_010	GRASSHOPPER CREEK, headwaters to mouth (Beaverhead River)	Zinc	Applicable WQS attained, according to new assessment method	01/05/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_010	GRASSHOPPER CREEK, headwaters to mouth (Beaverhead River)	Copper	Applicable WQS attained, according to new assessment method	01/05/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_070	WEST FORK DYCE CREEK, headwaters to mouth (Dyce Creek)	Manganese	Applicable WQS attained; original basis for listing was incorrect	01/10/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_080	SPRING CREEK, headwaters to mouth (Beaverhead River)	Arsenic	Applicable WQS attained; reason for recovery unspecified	02/06/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_091	RATTLESNAKE CREEK, headwaters to Dillon PWS off-channel well, T7S R10W S11	Phosphorus, Total	Applicable WQS attained; reason for recovery unspecified	12/22/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_091	RATTLESNAKE CREEK, headwaters to Dillon PWS off-channel well, T7S R10W S11	Nitrogen, Total	Applicable WQS attained; reason for recovery unspecified	12/22/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_091	RATTLESNAKE CREEK, headwaters to Dillon PWS off-channel well, T7S R10W S11	Copper	Applicable WQS attained; reason for recovery unspecified	02/17/2017
Missouri Headwaters	Beaverhead	10020002	MT41B002_131	STONE CREEK, Un-named tributary at T6S R7W S34 to	Arsenic	Applicable WQS attained; reason for recovery	01/03/2018

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				Staudaher Bishop Ditch		unspecified	
Missouri Headwaters	Upper Jefferson	10020005	MT41G001_011	JEFFERSON RIVER, headwaters to confluence of Jefferson Slough	Sediment	Refinement of terminology of listing cause	12/07/2017
Missouri Headwaters	Lower Jefferson	10020005	MT41G001_012	JEFFERSON RIVER, confluence of Jefferson Slough to mouth (Missouri River)	Sediment	Refinement of terminology of listing cause	12/07/2017
Missouri Headwaters	Upper Gallatin	10020008	MT41H005_020	TAYLOR FORK, Lee Metcalf Wilderness boundary to mouth (Gallatin River)	Sediment	Refinement of terminology of listing cause	12/07/2017
Missouri Headwaters	Upper Gallatin	10020008	MT41H005_030	CACHE CREEK, headwaters to mouth (Taylor Fork)	Sediment	Refinement of terminology of listing cause	12/07/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A001_010	MUSSELSHELL RIVER, North & South Fork confluence to Deadmans Basin Diversion Canal	Sedimentation/Siltation	Applicable WQS attained; based on new data	12/15/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A001_010	MUSSELSHELL RIVER, North & South Fork confluence to Deadmans Basin Diversion Canal	Nitrogen, Total	Applicable WQS attained; based on new data	12/15/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A001_010	MUSSELSHELL RIVER, North & South Fork confluence to Deadmans Basin Diversion Canal	Phosphorus, Total	Applicable WQS attained; based on new data	12/15/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A001_020	MUSSELSHELL RIVER, Deadmans Basin Supply Canal to HUC boundary near Roundup	Sedimentation/Siltation	Refinement of terminology of listing cause	12/15/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A001_020	MUSSELSHELL RIVER, Deadmans Basin Supply Canal to HUC boundary near Roundup	Nitrogen, Total	Applicable WQS attained; based on new data	12/15/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A001_020	MUSSELSHELL RIVER, Deadmans Basin Supply Canal to HUC boundary near Roundup	Phosphorus, Total	Applicable WQS attained; based on new data	12/15/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A002_030	TRAIL CREEK, headwaters to mouth (North Fork Musselshell River)	Sedimentation/Siltation	Refinement of terminology of listing cause	12/07/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A002_040	MILL CREEK, headwaters to mouth (North Fork Musselshell River)	Sedimentation/Siltation	Refinement of terminology of listing cause	12/07/2017

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Musselshell	Upper - Middle Musselshell	10040201	MT40A002_070	FISH CREEK, headwaters to mouth (Musselshell River)	Phosphorus, Total	Applicable WQS attained; based on new data	12/08/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A002_070	FISH CREEK, headwaters to mouth (Musselshell River)	Nitrogen, Total	Applicable WQS attained; based on new data	12/08/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A002_090	HALF BREED CREEK, headwaters to mouth (Musselshell River)	Nitrogen, Total	Applicable WQS attained; based on new data	12/06/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A005_010	DEADMANS BASIN RESERVOIR	Iron	Applicable WQS attained; based on new data	12/11/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A005_010	DEADMANS BASIN RESERVOIR	Lead	Applicable WQS attained; based on new data	12/11/2017
Musselshell	Upper - Middle Musselshell	10040201	MT40A005_010	DEADMANS BASIN RESERVOIR	Copper	Applicable WQS attained; based on new data	12/11/2017
Musselshell	Flatwillow - Box Elder	10040203	MT40B001_021	FLATWILLOW CREEK, headwaters to Highway 87 bridge	Sedimentation/Siltation	Refinement of terminology of listing cause	12/12/2017
Musselshell	Flatwillow - Box Elder	10040203	MT40B001_022	FLATWILLOW CREEK, Highway 87 bridge to mouth (Musselshell River)	Mercury	Applicable WQS attained; based on new data	12/12/2017
Musselshell	Flatwillow - Box Elder	10040203	MT40B001_022	FLATWILLOW CREEK, Highway 87 bridge to mouth (Musselshell River)	Nitrate/Nitrite (Nitrite + Nitrate as N)	Applicable WQS attained; based on new data	12/12/2017
Musselshell	Flatwillow - Box Elder	10040203	MT40B001_022	FLATWILLOW CREEK, Highway 87 bridge to mouth (Musselshell River)	Sedimentation/Siltation	Applicable WQS attained; based on new data	12/12/2017
Musselshell	Flatwillow - Box Elder	10040203	MT40B001_040	NORTH FORK FLATWILLOW CREEK, headwaters to confluence with South Fork	Sedimentation/Siltation	Refinement of terminology of listing cause	12/11/2017
Musselshell	Flatwillow - Box Elder	10040204	MT40B002_010	McDONALD CREEK, North and South Forks to mouth (Box Elder Creek)	Sedimentation/Siltation	Applicable WQS attained; based on new data	12/11/2017
Musselshell	Flatwillow - Box Elder	10040204	MT40B002_010	McDONALD CREEK, North and South Forks to mouth (Box Elder Creek)	Specific Conductivity	Refinement of terminology of listing cause	12/11/2017
Musselshell	Flatwillow - Box Elder	10040204	MT40B002_010	McDONALD CREEK, North and South Forks to mouth (Box Elder Creek)	Total Dissolved Solids (TDS)	Refinement of terminology of listing cause	12/11/2017

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Musselshell	Upper - Middle Musselshell	10040202	MT40C002_010	NORTH WILLOW CREEK, headwaters to mouth (Musselshell River)	Sediment	Refinement of terminology of listing cause	12/07/2017
Musselshell	Upper - Middle Musselshell	10040202	MT40C002_010	NORTH WILLOW CREEK, headwaters to mouth (Musselshell River)	Specific Conductivity	Refinement of terminology of listing cause	12/11/2017
Tongue	Tongue	10090102	MT42C001_011	TONGUE RIVER, Twelve Mile Dam to mouth (Yellowstone River)	Sulfate	Applicable WQS attained, according to new assessment method	04/18/2016
Upper Missouri	Smith	10030103	MT41J002_030	SHEEP CREEK, headwaters to mouth (Smith River)	Escherichia coli (E. Coli)	TMDL Approved or established by EPA (4A)	09/27/2017
Upper Missouri	Smith	10030103	MT41J002_082	NEWLAN CREEK, headwaters to Newlan Reservoir	Sediment	Refinement of terminology of listing cause	12/07/2017
Upper Missouri	Missouri River	10030102	MT41Q001_011	MISSOURI RIVER, Sun River to Rainbow Dam	Sediment	Refinement of terminology of listing cause	12/07/2017
Upper Yellowstone	Yellowstone - Sweet Grass	10070002	MT43B004_022	BIG TIMBER CREEK, headwaters downstream to Swamp Creek	Sediment	Refinement of terminology of listing cause	12/07/2017
Upper Yellowstone	Stillwater - Columbus	10070005	MT43C002_082	BUTCHER CREEK, headwaters to highway 78	Sediment	Refinement of terminology of listing cause	12/07/2017
Upper Yellowstone	Clarks Fork Yellowstone	10070006	MT43D002_010	ELBOW CREEK, headwaters to mouth (Clarks Fork)	Sediment	Refinement of terminology of listing cause	12/07/2017
Upper Yellowstone	Clarks Fork Yellowstone	10070006	MT43D002_031	BLUEWATER CREEK, unnamed tributary at T6N R24E S7 NWNE to mouth (Clarks Fork Yellowstone River)	Sediment	Refinement of terminology of listing cause	12/07/2017
Upper Yellowstone	Lake Basin - Spidel	10070004	MT43F003_020	HAILSTONE LAKE, Dam impounding lake removed in 2011. AU retired this cycle	Salinity	WQS no longer applicable	01/05/2018