

Appendix G: Approved TMDLs

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Flathead	17010206	MT76Q002_050	BIG CREEK, tributary to the North Fork of the Flathead River	Sedimentation/Siltation	1994	6/9/2003	The TMDL document was submitted to EPA in March 2003. The document, "Watershed Restoration Plan for Big Creek, North Fork of the Flathead River", approved by EPA on June 9, 2003. The document addressed TMDLs for sediment for Big Creek. The TMDL document can be found at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BigCreekTMDLCBFinal.pdf
		MT76Q002_080	COAL CREEK, South Fork to mouth (North Fork Flathead)	Sedimentation/Siltation	1992	5/24/2005	The TMDL document was submitted to EPA in December 31, 2004. The document, "Water Quality Assessment and TMDLs for the Flathead River Headwaters Planning Area, Montana" approved by EPA on May 25, 2005. The document addressed TMDLs for sediment for Coal Creek. The TMDL document can be found at: http://www.deq.mt.gov/wqinfo/TMDL/FlatheadHeadwatersFinal/Flathead%20River%20Headwaters%20TMDL%20-%20Full%20Document%20Low-Res.pdf .
	17010208	MT76O003_010	FLATHEAD LAKE	Nitrogen (Total)	2006	3/31/2002	The TMDL document was submitted to EPA in December 2001. The document, "Nutrient Management Plan and Total Maximum Daily Load for Flathead Lake, Montana", approved by EPA on March 31, 2002. The document addressed TMDLs for nitrogen and phosphorus and indirectly addresses 303(d) listings for dissolved oxygen and excess algal growth, which result from excess nutrients. The TMDL document can be found at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/FlatheadDoc.pdf .
		MT76O003_010	FLATHEAD LAKE	Phosphorus (Total)	2006	3/31/2002	
	17010211	MT76K002_010	SWAN LAKE	Sedimentation/Siltation	2004	8/31/2004	The TMDL document was submitted to EPA in June 2004. The document, "Water Quality Protection Plan and TMDLs for the Swan Lake Watershed" was approved by EPA on August 31, 2004. The document addressed TMDLs for sediment, organic enrichment and dissolved oxygen for Swan Lake. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/SwanLake/Final01SwanMasterDoc.pdf .
		MT76K003_010	JIM CREEK, West Fork to mouth (Swan River)	Sedimentation/Siltation	1994	8/31/2004	The TMDL document was submitted to EPA in June 2004. The document, "Water Quality Protection Plan and TMDLs for the Swan Lake Watershed" was approved by EPA on August 31, 2004. The document addressed TMDLs for sediment for Jim Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/SwanLake/Final01SwanMasterDoc.pdf .
Kootenai	17010101	MT76D002_080	BOBTAIL CREEK, headwaters to mouth (Kootenai River)	Sedimentation/Siltation	2000	4/27/2005	MTDEQ submitted the TMDL documented to EPA in January 2005. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads (TMDL) for the Bobtail Creek Watershed", was approved by EPA on April 27, 2005. The document addressed TMDLs for: sediment and turbidity and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/BobtailFinalTMDL/FinalBobtailCoverDoc.pdf
		MT76D002_080	BOBTAIL CREEK, headwaters to mouth (Kootenai River)	Turbidity	2000	4/27/2005	

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Kootenai	17010101	MT76D004_060	GRAVE CREEK, Foundation Creek to the mouth (Fortine Creek)	Sedimentation/Siltation	1994	5/10/2005	The TMDL document was submitted to EPA in March 2005. The document, "Grave Creek Watershed Water Quality and Habitat Restoration Plan and Sediment Total Maximum Daily Loads" was approved by EPA on May 10, 2005. The document addressed TMDLs for sediment, fish habitat, other habitat alteration and siltation for Grave Creek. The TMDL document can be found at: http://www.deq.mt.gov/wqinfo/TMDL/GraveCreekFinalTMDL/GraveFinalCPanT OC.pdf .
Lower Clark Fork	17010204	MT76M004_010	NINEMILE CREEK, headwaters to the mouth (Clark Fork River)	Sedimentation/Siltation	1992	7/26/2003	The TMDL document was submitted to EPA in January 2005. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Ninemile Planning Area" was approved by EPA on July 26, 2005. The document addressed TMDLs for siltation for Ninemile Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Ninemile/Final9Mi_Master.pdf .
		MT76M004_040	JOSEPHINE CREEK, headwaters to the mouth (Ninemile Creek)	Sedimentation/Siltation	2006	7/26/2005	The TMDL document was submitted to EPA in January 2005. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Ninemile Planning Area" was approved by EPA on July 26, 2005. The document addressed TMDLs for siltation for Josephine Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Ninemile/Final9Mi_Master.pdf .
		MT76M004_060	CEDAR CREEK, headwaters to the mouth (Ninemile Creek)	Sedimentation/Siltation	2006	7/26/2005	The TMDL document was submitted to EPA in January 2005. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Ninemile Planning Area" was approved by EPA on July 26, 2005. The document addressed TMDLs for siltation for Cedar Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Ninemile/Final9Mi_Master.pdf .
		MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Copper	2006	7/26/2005	The TMDL document was submitted to EPA in January 2005. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Ninemile Planning Area" was approved by EPA on July 26, 2005. The document addressed TMDLs for siltation, copper, lead, mercury, and zinc for Kennedy Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Ninemile/Final9Mi_Master.pdf .
		MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Lead	2006	7/26/2005	
		MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Mercury	2006	7/26/2005	
		MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Sedimentation/Siltation	2006	7/26/2005	
		MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Zinc	2006	7/26/2005	
		MT76M004_080	LITTLE MCCORMICK CREEK, headwaters to mouth (McCormick Creek)	Sedimentation/Siltation	2006	7/26/2005	The TMDL document was submitted to EPA in January 2005. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Ninemile Planning Area" was approved by EPA on July 26, 2005. The document addressed TMDLs for siltation for Little McCormick Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Ninemile/Final9Mi_Master.pdf .

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Lower Clark Fork	17010213	MT76N003_060	ELK CREEK, headwaters to the mouth (Cabinet Gorge Reservoir)	Sedimentation/Siltation	2006	12/8/1998	The document was submitted to EPA in October 1998. The document, "WC Level 2.5 Stream Survey Development Reach Health Assessment Management and Rehabilitation Recommendations", was approved by EPA on December 8, 1998. The document addressed TMDLs for sediment in Elk Creek and can be found at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/ElkCreekSurvey.pdf .
Marias	10030104	MT41K004_030	FREEZEOUT LAKE	Selenium	1992	2/23/2005	The TMDL documents that there is insufficient data to determine if a nutrient or DO TMDL are required. Additional documentation can be found in the TMDL document that was submitted to EPA in December 2004. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Sun River Planning Area" was approved by EPA on February 23, 2005. The document addressed TMDLs for sulfates, salinity, TDS and chlorides and selenium for Freezeout Lake. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/SunRiverFinalTMDL/MasterSunTMDL.pdf .
		MT41K004_030	FREEZEOUT LAKE	Sulfates	1992	2/23/2005	
		MT41K004_030	FREEZEOUT LAKE	Total Dissolved Solids	2006	2/23/2005	
	10030205	MT41O001_010	TETON RIVER, Muddy Creek to the mouth (Marias River)	Total Dissolved Solids	1994	11/26/2003	The TMDL document was submitted to EPA in September 2003. The document, "Water Quality Management Plan and TMDLs for the Teton River Watershed" was approved by EPA on November 26, 2003. The document addressed TMDLs for salinity/TDS/sulfates and sediment for the Teton River from Muddy Creek to the mouth. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Teton/TetonMasterDoc8_18_03.pdf
		MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Salinity	1996	11/26/3003	The TMDL document was submitted to EPA in September 2003. The document, "Water Quality Management Plan and TMDLs for the Teton River Watershed" was approved by EPA on November 26, 2003. The document addressed TMDLs for sediment, TSS, and thermal modifications for the Teton River from Deep Creek to Muddy Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Teton/TetonMasterDoc8_18_03.pdf
		MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Sulfates	1996	11/26/2003	
		MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Temperature, water	1996	11/26/2003	
		MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Total Suspended Solids (TSS)	1996	11/26/2003	
		MT41O002_010	WILLOW CREEK, headwaters to the mouth (Deep Creek)	Sedimentation/Siltation	2002	11/26/2003	The TMDL document was submitted to EPA in September 2003. The document, "Water Quality Management Plan and TMDLs for the Teton River Watershed" was approved by EPA on November 26, 2003. The document addressed TMDLs for sediment for Willow Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Teton/TetonMasterDoc8_18_03.pdf
		MT41O002_020	DEEP CREEK, Willow Creek to the mouth (Teton River)	Nitrogen (Total)	2006	11/26/2003	The TMDL document was submitted to EPA in September 2003. The document, "Water Quality Management Plan and TMDLs for the Teton River Watershed" was approved by EPA on November 26, 2003. The document addressed TMDLs for sediment, nitrogen, and phosphorus for Deep Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Teton/TetonMasterDoc8_18_03.pdf

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Marias	10030205	MT41O002_020	DEEP CREEK, Willow Creek to the mouth (Teton River)	Phosphorus (Total)	2006	11/26/2003	The TMDL document was submitted to EPA in September 2003. The document, "Water Quality Management Plan and TMDLs for the Teton River Watershed" was approved by EPA on November 26, 2003. The document addressed TMDLs for sediment, nitrogen, and phosphorus for Deep Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Teton/TetonMasterDoc8_18_03.pdf
		MT41O002_070	TETON SPRING CREEK, headwaters to city of Choteau	Sedimentation/Siltation	2002	11/26/2003	The TMDL document was submitted to EPA in September 2003. The document, "Water Quality Management Plan and TMDLs for the Teton River Watershed" was approved by EPA on November 26, 2003. The document addressed TMDLs for sediment and thermal modifications for the upper section of Teton Spring Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Teton/TetonMasterDoc8_18_03.pdf
		MT41O004_020	PRIEST BUTTE LAKE	Salinity	1996	11/26/2003	The TMDL document was submitted to EPA in September 2003. The document, "Water Quality Management Plan and TMDLs for the Teton River Watershed" was approved by EPA on November 26, 2003. The document addressed TMDLs for salinity/TDS/ chlorides and selenium for Priest Butte Lakes. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Teton/TetonMasterDoc8_18_03.pdf
		MT41O004_020	PRIEST BUTTE LAKE	Sulfates	1996	11/26/2003	
Middle Missouri	10040103	MT41S004_010	BIG SPRING CREEK, East Fork Big Spring Creek to Casino Creek	Polychlorinated biphenyls	2004	9/29/2005	The TMDL document was submitted to EPA in March 2005. The document, "Big Creek Watershed Water Quality Restoration Plan and Total Maximum Daily Loads" was approved by EPA on September 29, 2005. The document addressed TMDLs for PCBs on Big Spring Creek and can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Big%20Spring/BigSpringFinalMaster.pdf
		MT41S004_020	BIG SPRING CREEK, East Fork to mouth (Judith River)	Phosphorus (Total)	2006	9/29/2005	The TMDL document was submitted to EPA in March 2005. The document, "Big Creek Watershed Water Quality Restoration Plan and Total Maximum Daily Loads" was approved by EPA on September 29, 2005. The document addressed TMDLs for nutrients (TP) on Big Spring Creek and can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Big%20Spring/BigSpringFinalMaster.pdf DEQ submitted the TMDL to EPA in March 2005. The document, Big Spring Creek Watershed Water Quality Restoration Plan and Total Maximum Daily Loads, addresses TMDLs for PCBs, sediment and nutrients.
		MT41S004_020	BIG SPRING CREEK, East Fork to mouth (Judith River)	Polychlorinated biphenyls	1992	9/29/2005	The TMDL document was submitted to EPA in March 2005. The document, "Big Creek Watershed Water Quality Restoration Plan and Total Maximum Daily Loads" was approved by EPA on September 29, 2005. The document addressed TMDLs for PCBs on Big Spring Creek and can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Big%20Spring/BigSpringFinalMaster.pdf DEQ submitted the TMDL to EPA in March 2005. The document, Big Spring Creek Watershed Water Quality Restoration Plan and Total Maximum Daily Loads, addresses TMDLs for PCBs, sediment and nutrients.

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Middle Missouri	10040103	MT41S004_020	BIG SPRING CREEK, East Fork to mouth (Judith River)	Sedimentation/Siltation	1992	9/29/2005	The TMDL document was submitted to EPA in March 2005. The document, "Big Creek Watershed Water Quality Restoration Plan and Total Maximum Daily Loads" was approved by EPA on September 29, 2005. The document addressed TMDLs for nutrients (TP), sediment and PCBs on Big Spring Creek and can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/Big%20Spring/BigSpringFinalMaster.pdf DEQ submitted the TMDL to EPA in March 2005. The document, Big Spring Creek Watershed Water Quality Restoration Plan and Total Maximum Daily Loads, addresses TMDLs for PCBs, sediment and nutrients.
Milk	10050005	MT40H001_010	BIG SANDY CREEK, Lonesome Lake Coulee to the mouth (Milk River)	Salinity	2002	4/23/2002	The TMDL was submitted to EPA on January 16, 2002. The TMDL document, Big Sandy Creek Salinity TMDL and Water Quality Restoration Plan, is available at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BigSandyTMDLfinal.pdf . The TMDL addresses salinity, TDS and chlorides.
		MT40H001_010	BIG SANDY CREEK, Lonesome Lake Coulee to the mouth (Milk River)	Sulfates	2002	4/23/2002	
		MT40H001_010	BIG SANDY CREEK, Lonesome Lake Coulee to the mouth (Milk River)	Total Dissolved Solids	2002	4/23/2002	
	10050006	MT40G001_011	SAGE CREEK, Laird Creek to the section line between 1 & 12 T36N R6E	Salinity	1992	4/23/2002	The TMDL document was submitted to EPA on January 16, 2002 and approved on April 23, 2002. The document, "Salinity TMDL for Sage Creek, Montana" addressed TMDLs for salinity, total dissolved solids, and chlorides for Sage Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/pdf/SageCrk.pdf .
		MT40G001_011	SAGE CREEK, Laird Creek to the section line between 1 & 12 T36N R6E	Sulfates	1992	4/23/2002	
		MT40G001_011	SAGE CREEK, Laird Creek to the section line between 1 & 12 T36N R6E	Total Dissolved Solids	1992	4/23/2002	
		MT40G001_012	SAGE CREEK, the section line between 1 & 12 T36N R6E to the mouth	Salinity	1992	4/23/2002	
		MT40G001_012	SAGE CREEK, the section line between 1 & 12 T36N R6E to the mouth	Sulfates	1992	4/23/2002	
		MT40G001_012	SAGE CREEK, the section line between 1 & 12 T36N R6E to the mouth	Total Dissolved Solids	1992	4/23/2002	
		10050012	MT40O002_050	LONE TREE CREEK, headwaters to mouth at Willow Creek	Nitrogen (Total)	2006	9/21/2001
Missouri-Sun-Smith	10030101	MT41I002_070	DEEP CREEK, the National Forest Boundary to the mouth (Missouri River)	Sedimentation/Siltation	1992	10/16/1997	The document was submitted to EPA in March 1996. The document, "Development of a TMDL to Reduce NonPoint Source Sediment Pollution in Deep Creek, Montana", approved by EPA on October 16, 1997. The document addressed TMDLs for sediment in Deep Creek and can be found at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/DeepCrk.pdf .

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Missouri-Sun-Smith	10030102	MT41Q003_020	MIDDLE FORK OF THE DEARBORN RIVER, headwaters to the mouth (Dearborn River)	Sedimentation/Siltation	2006	5/25/3005	The document was submitted to EPA in February 2005. The document, "Water Quality Assessments and TMDLs for the Dearborn Planning Area", was approved by EPA on May 25, 2005. The document addressed TMDLs for: sediment for the Middle Fork of the Dearborn and can be found at: http://www.deq.mt.gov/wqinfo/TMDL/DearbornRiver/Dearborn%20River%20TMDL%20FINALSection1_8.pdf . Nutrients were identified as a possibly impacting aquatic life; additional studies were recommended.
		MT41Q003_040	FLAT CREEK, Henry Creek to the mouth (Dearborn River)	Sedimentation/Siltation	2002	5/25/2005	The document was submitted to EPA in February 2005. The document, "Water Quality Assessments and TMDLs for the Dearborn Planning Area", was approved by EPA on May 25, 2005. The document addressed TMDLs for: sediment for Flat Creek and can be found at: http://www.deq.mt.gov/wqinfo/TMDL/DearbornRiver/Dearborn%20River%20TMDL%20FINALSection1_8.pdf . The document identified nutrients as possibly impacting aquatic life and recommended additional studies.
	10030104	MT41K001_010	SUN RIVER, Gibson Dam to Muddy Creek	Sedimentation/Siltation	2006	2/23/2005	The Sun River TMDL document that was submitted to EPA in December 2004. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Sun River Planning Area" was approved by EPA on February 23, 2005. The document addressed TMDLs for suspended solids, thermal modifications, and siltation for the upper Sun River. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/SunRiverFinalTMDL/MasterSunTMDL.pdf .
		MT41K001_010	SUN RIVER, Gibson Dam to Muddy Creek	Temperature, water	1992	2/23/2005	In the Water Quality Impairment Section of the TMDL document written by DEQ, the document indicates that the Upper Sun River is meeting water quality standards for nutrients and total phosphorus. Therefore, no TMDLs were written for those pollutants. Additional documentation of the delisting rationale can be found in the TMDL document that was submitted to EPA in December 2004. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Sun River Planning Area" was approved by EPA on February 23, 2005. The document addressed TMDLs for suspended solids, thermal modifications, and siltation for the upper Sun River. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/SunRiverFinalTMDL/MasterSunTMDL.pdf .
	MT41K001_020	SUN RIVER, Muddy Creek to the mouth (Missouri River)	Nitrogen (Total)	2006	2/23/2005	In the Salinity Section of the TMDL document written by DEQ, the document indicates that the Lower Sun River is meeting water quality standards for temperature and salinity-related pollutants. Therefore, no TMDLs were written for those pollutants for the Lower Sun River. Additional documentation of the delisting rationale can be found in the TMDL document that was submitted to EPA in December 2004. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Sun River Planning Area" was approved by EPA on February 23, 2005. The document addressed TMDLs for suspended solids, siltation, nitrogen and total phosphorus for the lower Sun River. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/SunRiverFinalTMDL/MasterSunTMDL.pdf .	
	MT41K001_020	SUN RIVER, Muddy Creek to the mouth (Missouri River)	Total Suspended Solids (TSS)	1992	2/23/2005		

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Nitrogen (Total)	2006	2/23/2005	In the Hydrogen Ion Content Section (Section 5) of the TMDL document written by DEQ, the document indicates that Muddy Creek is meeting water quality standards for pH. Therefore, no TMDLS were written for pH. Additional documentation of the delisting rationale can be found in the TMDL document that was submitted to EPA in December 2004. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Sun River Planning Area" was approved by EPA on February 23, 2005. The document addressed TMDLs for suspended solids, siltation, nitrogen, phosphorus, salinity, TDS and chlorides for Muddy Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/SunRiverFinalTMDL/MasterSunTMDL.pdf .
		MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Phosphorus (Total)	2006	2/23/2005	
		MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Salinity	2006	2/23/2005	
		MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Sedimentation/Siltation	2006	2/23/2005	
		MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Selenium	2006	2/23/2005	
		MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Sulfates	2006	2/23/2005	
		MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Temperature, water	2006	2/23/2005	
		MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Total Dissolved Solids	2006	2/23/2005	
		MT41K002_020	FORD CREEK, from mouth 2 miles upstream (Smith Creek-Elk Creek-Sun River)	Sedimentation/Siltation	1992	2/23/2005	In the Nutrients Section of the TMDL document written by DEQ, the document indicates that Ford Creek s meeting water quality standards for nutrients. Therefore, no TMDLS were written for those pollutants. Additional documentation of the delisting rationale can be found in the TMDL document that was submitted to EPA in December 2004. The document, "Water Quality Restoration Plan and Total Maximum Daily Loads for the Sun River Planning Area" was approved by EPA on February 23, 2005. The document addressed TMDLs for siltation. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/SunRiverFinalTMDL/MasterSunTMDL.pdf .
Musselshell	10040201	MT40A002_050	CARELESS CREEK, Junction with Deadmans Basin Canal to Mouth (Musselshell River)	Sedimentation/Siltation	1992	12/21/2001	MTDEQ submitted the TMDL documented to EPA in February 2001. The document, "Careless Creek Water Quality Restoration Plan", was approved by EPA on December 21, 2001. The document addressed TMDLs for: sediment and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/Careless_Creek_FINAL.pdf .
Upper Clark Fork	17010203	MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Cadmium	2006	10/1/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 1, 2003. The document addressed TMDLs for: cadmium, copper, iron, lead, manganese, and zinc and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
		MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Copper	2006	10/1/2003	
		MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Iron	2006	10/1/2003	

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Upper Clark Fork	17010203	MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Lead	2006	10/1/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 1, 2003. The document addressed TMDLs for: cadmium, copper, iron, lead, manganese, and zinc and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
		MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Manganese	2006	10/1/2003	
		MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Aluminum	2006	10/10/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 10, 2003. The document addressed TMDLs for: aluminum, cadmium, iron, and zinc and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
		MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Cadmium	2006	10/10/2003	
		MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Iron	2006	10/10/2003	
		MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Sedimentation/Siltation	1992	5/19/2004	MTDEQ submitted the TMDL documented to EPA on April 9, 2004. The document, "Blackfoot Headwaters Planning Area Water Quality and Habitat Restoration Plan and TMDL for Sediment", was approved by EPA on May 19, 2004. The document developed a TMDL for sediment and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/BlackfootHeadwaters/Final_BFHsed_Master.pdf .
		MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Zinc	2006	10/10/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 10, 2003. The document addressed TMDLs for: aluminum, cadmium, iron, and zinc and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
		MT76F002_020	WILLOW CREEK, Sandbar Creek to mouth, T15N R7W (Blackfoot River)	Sedimentation/Siltation	1992	11/26/2003	MTDEQ submitted the TMDL documented to EPA on April 9, 2004. The document, "Blackfoot Headwaters Planning Area Water Quality and Habitat Restoration Plan and TMDL for Sediment", was approved by EPA on May 19, 2004. The document developed a TMDL for sediment, fish habitat, other habitat alterations, and riparian habitat alterations for Willow Creek. The document can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/BlackfootHeadwaters/Final_BFHsed_Master.pdf .
		MT76F002_030	POORMAN CREEK, headwaters to the mouth (Blackfoot River)	Cadmium	2006	10/10/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 10, 2003. The document addressed TMDLs for: cadmium, copper and lead for Poorman's Creek and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
		MT76F002_030	POORMAN CREEK, headwaters to the mouth (Blackfoot River)	Copper	2006	10/10/2003	
MT76F002_030	POORMAN CREEK, headwaters to the mouth (Blackfoot River)	Lead	2006	10/10/2003			

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Upper Clark Fork	17010203	MT76F002_030	POORMAN CREEK, headwaters to the mouth (Blackfoot River)	Sedimentation/Siltation	1992	5/19/2004	MTDEQ submitted the TMDL documented to EPA on April 9, 2004. The document, "Blackfoot Headwaters Planning Area Water Quality and Habitat Restoration Plan and TMDL for Sediment", was approved by EPA on May 19, 2004. The document developed a TMDL for sediment and "other habitat alteration" for Poorman's Creek and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/BlackfootHeadwaters/Final_BFHSed_Master.pdf .
		MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Cadmium	2006	10/10/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 10, 2003. The document addressed TMDLs for: cadmium, copper, iron, lead, manganese, and zinc for Beartrap Creek and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
		MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Copper	2006	10/10/2003	
		MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Iron	2006	10/10/2003	
		MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Lead	2006	10/10/2003	
		MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Manganese	2006	10/10/2003	
		MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Zinc	2006	10/10/2003	
		MT76F002_060	SANDBAR CREEK, forks to mouth (Willow Creek)	Aluminum	2006	10/10/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 10, 2003. The document addressed TMDLs for: aluminum, copper, iron, and manganese for Sandbar Creek and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
		MT76F002_060	SANDBAR CREEK, forks to mouth (Willow Creek)	Copper	2002	10/10/2003	
		MT76F002_060	SANDBAR CREEK, forks to mouth (Willow Creek)	Iron	2006	10/10/2003	
		MT76F002_060	SANDBAR CREEK, forks to mouth (Willow Creek)	Manganese	2006	10/10/2003	
		MT76F002_070	ARRASTRA CREEK, headwaters to mouth (Blackfoot River)	Sedimentation/Siltation	2002	5/19/2004	MTDEQ submitted the TMDL documented to EPA on April 9, 2004. The document, "Blackfoot Headwaters Planning Area Water Quality and Habitat Restoration Plan and TMDL for Sediment", was approved by EPA on May 19, 2004. The document developed a TMDL for sediment and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/BlackfootHeadwaters/Final_BFHSed_Master.pdf .
		MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Aluminum	2006	10/10/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 10, 2003. The document addressed TMDLs for: aluminum, cadmium, copper, iron, lead, manganese and zinc for Mike Horse Creek and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Upper Clark Fork	17010203	MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Cadmium	2006	10/10/2003	MTDEQ submitted the TMDL documented to EPA in June 2003. The document, "Water Quality Restoration Plan for Metals in the Blackfoot Headwaters TMDL Planning Area", was approved by EPA on October 10, 2003. The document addressed TMDLs for: aluminum, cadmium, copper, iron, lead, manganese and zinc for Mike Horse Creek and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
		MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Copper	2006	10/10/2003	
		MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Iron	2006	10/10/2003	
		MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Lead	2006	10/10/2003	
		MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Manganese	2006	10/10/2003	
		MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Zinc	2006	10/10/2003	
	17010205	MT76H005_030	GRANITE CREEK, headwaters to the mouth (Lolo Creek)	Sedimentation/Siltation	2002	6/24/2003	The TMDL document was submitted to EPA in April 2003. The document, "Water Quality Restoration Plan and TMDLs for the Upper Lolo Creek TMDL Planning Area" was approved by EPA on June 24, 2003. The document addressed TMDLs for sediment for Granite Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/pdf/FinalUpperLolo.pdf .
		MT76H005_060	LOST PARK CREEK, headwaters to mouth (Confluence with East Fork Lolo Creek)	Sedimentation/Siltation	2002	6/24/2003	The TMDL document was submitted to EPA in April 2003. The document, "Water Quality Restoration Plan and TMDLs for the Upper Lolo Creek TMDL Planning Area" was approved by EPA on June 24, 2003. The document addressed TMDLs for sediment for Lost Park Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/pdf/FinalUpperLolo.pdf .
		MT76H005_070	LEE CREEK, headwaters to mouth (West Fork Lolo Creek)	Sedimentation/Siltation	2002	6/24/2003	The TMDL document was submitted to EPA in April 2003. The document, "Water Quality Restoration Plan and TMDLs for the Upper Lolo Creek TMDL Planning Area" was approved by EPA on June 24, 2003. The document addressed TMDLs for sediment for Lee Creek. The TMDL document can be found at: http://www.deq.state.mt.us/wqinfo/TMDL/pdf/FinalUpperLolo.pdf .
	Upper Yellowstone	10070001	MT43B002_031	SODA BUTTE CREEK, McLaren Tailings to the Montana Border	Copper	2006	1/6/2003
MT43B002_031			SODA BUTTE CREEK, McLaren Tailings to the Montana Border	Iron	2006	1/6/2003	
MT43B002_031			SODA BUTTE CREEK, McLaren Tailings to the Montana Border	Lead	2006	1/6/2003	
MT43B002_031			SODA BUTTE CREEK, McLaren Tailings to the Montana Border	Manganese	2006	1/6/2003	

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Upper Yellowstone	10070001	MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Aluminum	2006	1/6/2003	MTDEQ submitted the TMDL documented to EPA in September 2002. The document, "Water Quality Restoration Plan for the Cooke City TMDL Planning Area", was approved by EPA on January 6, 2003. The document addressed TMDLs for Miller Creek for: aluminum, copper, iron, lead, manganese and zinc and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
		MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Cadmium	2006	1/6/2003	
		MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Copper	2006	1/6/2003	
		MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Iron	2006	1/6/2003	
		MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Lead	2006	1/6/2003	
		MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Manganese	2006	1/6/2003	
		MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Zinc	2006	1/6/2003	
	10070005	MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	Copper	2006	1/6/2003	MTDEQ submitted the TMDL documented to EPA in September 2002. The document, "Water Quality Restoration Plan for the Cooke City TMDL Planning Area", was approved by EPA on January 6, 2003. The document addressed TMDLs for the Stillwater River for: copper, iron, and manganese and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
		MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	Iron	2006	1/6/2003	
		MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	Manganese	2006	1/6/2003	
		MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	pH	1992	1/6/2003	
		MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Aluminum	2006	1/6/2003	
		MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Cadmium	2006	1/6/2003	
		MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Copper	2006	1/6/2003	
MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Iron	2006	1/6/2003			
MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Lead	2006	1/6/2003			

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Manganese	2006	1/6/2003	MTDEQ submitted the TMDL documented to EPA in September 2002. The document, "Water Quality Restoration Plan for the Cooke City TMDL Planning Area", was approved by EPA on January 6, 2003. The document addressed TMDLs for the Daisy Creek for: aluminum, cadmium, copper, iron, lead, manganese, pH, zinc, and sediment and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
		MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	pH	1996	1/6/2003	
		MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Sedimentation/Siltation	1996	1/6/2003	
		MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Zinc	2006	1/6/2003	
	10070006	MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Cadmium	2006	1/6/2003	MTDEQ submitted the TMDL documented to EPA in September 2002. The document, "Water Quality Restoration Plan for the Cooke City TMDL Planning Area", was approved by EPA on January 6, 2003. The document addressed TMDLs for the Clarks Fork of the Yellowstone River for: pH, cadmium, copper, iron, lead, silver, and zinc and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
		MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Copper	2006	1/6/2003	
		MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Lead	2006	1/6/2003	
		MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Silver	2006	1/6/2003	
		MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Zinc	2006	1/6/2003	MTDEQ submitted the TMDL documented to EPA in September 2002. The document, "Water Quality Restoration Plan for the Cooke City TMDL Planning Area", was approved by EPA on January 6, 2003. The document addressed TMDLs for Fisher Creek for: aluminum, pH, cadmium, copper, iron, manganese, lead, silver, sediment, and zinc and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Aluminum	2006	1/6/2003	
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Cadmium	2006	1/6/2003	
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Copper	2006	1/6/2003	
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Iron	2006	1/6/2003	
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Lead	2006	1/6/2003	
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Manganese	2006	1/6/2003	
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	pH	1992	1/6/2003	

Watershed	HUC #	ID305B	Name, Location Description	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Sedimentation/Siltation	1992	1/6/2003	MTDEQ submitted the TMDL documented to EPA in September 2002. The document, "Water Quality Restoration Plan for the Cooke City TMDL Planning Area", was approved by EPA on January 6, 2003. The document addressed TMDLs for Fisher Creek for: aluminum, pH, cadmium, copper, iron, manganese, lead, silver, sediment, and zinc and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Silver	2006	1/6/2003	
		MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Zinc	2006	1/6/2003	