

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Big Creek (Columbia)	Flathead	17010206	MT76Q002_050	BIG CREEK, tributary to the North Fork of the Flathead River	Sedimentation/Siltation	1992	06/09/2003	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
Big Sandy - Sage	Milk	10050006	MT40G001_011	SAGE CREEK, Laird Creek to the section line between 1 & 12 T36N R6E	Salinity	1988	04/23/2002	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 .
Big Sandy - Sage	Milk	10050006	MT40G001_011	SAGE CREEK, Laird Creek to the section line between 1 & 12 T36N R6E	Sulfates	1988	04/23/2002	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 .
Big Sandy - Sage	Milk	10050006	MT40G001_011	SAGE CREEK, Laird Creek to the section line between 1 & 12 T36N R6E	Total Dissolved Solids	1988	04/23/2002	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 .
Big Sandy - Sage	Milk	10050006	MT40G001_012	SAGE CREEK, the section line between 1 & 12 T36N R6E to the mouth	Salinity	1988	04/23/2002	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 .
Big Sandy - Sage	Milk	10050006	MT40G001_012	SAGE CREEK, the section line between 1 & 12 T36N R6E to the mouth	Sulfates	1988	04/23/2002	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 .
Big Sandy - Sage	Milk	10050006	MT40G001_012	SAGE CREEK, the section line between 1 & 12 T36N R6E to the mouth	Total Dissolved Solids	1988	04/23/2002	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 .
Big Sandy - Sage	Milk	10050005	MT40H001_010	BIG SANDY CREEK, Lonesome Lake Coulee to the mouth (Milk River)	Salinity	1988	04/23/2002	A surrogate TMDL was completed for salinity.
Big Sandy - Sage	Milk	10050005	MT40H001_010	BIG SANDY CREEK, Lonesome Lake Coulee to the mouth (Milk River)	Sulfates	1988	04/23/2002	A surrogate TMDL was completed for sulfates.
Big Sandy - Sage	Milk	10050005	MT40H001_010	BIG SANDY CREEK, Lonesome Lake Coulee to the mouth (Milk River)	Total Dissolved Solids	1988	04/23/2002	The TMDL was completed for total dissolved solids.
Big Springs	Middle Missouri	10040103	MT41S004_010	BIG SPRING CREEK, East Fork Big Spring Creek to Casino Creek	Polychlorinated biphenyls	2004	09/29/2005	The TMDL was completed for polychlorinated biphenyls.
Big Springs	Middle Missouri	10040103	MT41S004_020	BIG SPRING CREEK, East Fork to mouth (Judith River)	Phosphorus (Total)	1996	09/29/2005	The TMDL was completed for phosphorus (total).

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Big Springs	Middle Missouri	10040103	MT41S004_020	BIG SPRING CREEK, East Fork to mouth (Judith River)	Sedimentation/Siltation	1996	09/29/2005	The TMDL was completed for sedimentation/siltation.
Big Springs	Middle Missouri	10040103	MT41S004_020	BIG SPRING CREEK, East Fork to mouth (Judith River)	Polychlorinated biphenyls	2000	09/29/2005	The TMDL was completed for polychlorinated biphenyls.
Big Springs	Middle Missouri	10040103	MT41S004_020	BIG SPRING CREEK, East Fork to mouth (Judith River)	Nitrogen (Total)	2008	09/29/2005	The TMDL was completed for nitrogen (total). Originally listed in 1996 for nutrients.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H002_010	EAST FORK BITTERROOT RIVER, Anaconda-Pintlar Wilderness boundary to the mouth (Bitterroot River)	Sedimentation/Siltation	1992	04/12/2006	The TMDL was completed for sedimentation/siltation
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H002_010	EAST FORK BITTERROOT RIVER, Anaconda-Pintlar Wilderness boundary to the mouth (Bitterroot River)	Temperature, water	2006	04/12/2006	The TMDL was completed for temperature, water.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H002_020	REIMEL CREEK, headwaters to the mouth (East Fork Bitterroot River)	Sedimentation/Siltation	1992	04/12/2006	The TMDL was completed for sedimentation/siltation.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H002_070	LAIRD CREEK, headwaters to mouth (East Fork Bitterroot River) T1N R20	Sedimentation/Siltation	1992	04/12/2006	The TMDL was completed for sedimentation/siltation.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H002_080	GILBERT CREEK, headwaters to mouth (Laird Creek) T1N R20W	Sedimentation/Siltation	1992	04/12/2006	The TMDL was completed for sedimentation/siltation.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H003_010	WEST FORK BITTERROOT RIVER, headwaters to the mouth (Bitterroot River)	Sedimentation/Siltation	1988	04/12/2006	The TMDL was completed for sedimentation/siltation.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H003_010	WEST FORK BITTERROOT RIVER, headwaters to the mouth (Bitterroot River)	Temperature, water	2008	04/12/2006	The TMDL was completed for temperature, water.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H003_020	NEZ PERCE FORK Bitterroot River, headwaters to mouth (West Fork Bitterroot River)	Temperature, water	1996	04/12/2006	The TMDL was completed for temperature, water.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H003_040	HUGHES CREEK, headwaters to the mouth (West Fork Bitterroot River)	Sedimentation/Siltation	1988	04/12/2006	The TMDL was completed for sedimentation/siltation.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H003_040	HUGHES CREEK, headwaters to the mouth (West Fork Bitterroot River)	Temperature, water	1990	04/12/2006	The TMDL was completed for temperature, water.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H003_050	OVERWHICH CREEK, headwaters to the mouth (West Fork Bitterroot River)	Temperature, water	1992	04/12/2006	The TMDL was completed for temperature, water.
Bitterroot Headwaters	Upper Clark Fork	17010205	MT76H003_060	DITCH CREEK, headwaters to mouth (West Fork Bitterroot River)	Sedimentation/Siltation	1992	04/12/2006	The TMDL was completed for sedimentation/siltation.

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Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Cadmium	1996	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 and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Copper	1996	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 and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Iron	1996	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 and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Lead	1996	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 and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Manganese	1996	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 and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_010	BLACKFOOT RIVER, headwaters to Landers Fork	Zinc	1996	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 and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/BlackfootHdwtrsRestorationPlan.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Aluminum	1996	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 .

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Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Cadmium	1996	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Iron	1996	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Sedimentation/Siltation	1996	05/19/2004	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_BFHSe_d_Master.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F001_020	BLACKFOOT RIVER, Landers Fork to Nevada Creek	Zinc	1996	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_020	WILLOW CREEK, Sandbar Creek to mouth, T15N R7W (Blackfoot River)	Sedimentation/Siltation	2002	05/19/2004	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, 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_BFHSe_d_Master.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_030	POORMAN CREEK, headwaters to the mouth (Blackfoot River)	Sedimentation/Siltation	1988	05/19/2004	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_BFHSe_d_Master.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_030	POORMAN CREEK, headwaters to the mouth (Blackfoot River)	Cadmium	1990	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 .

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Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_030	POORMAN CREEK, headwaters to the mouth (Blackfoot River)	Copper	1990	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_030	POORMAN CREEK, headwaters to the mouth (Blackfoot River)	Lead	1990	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Cadmium	1988	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Copper	1988	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Iron	1988	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Lead	1988	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Manganese	1988	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 .

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Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_040	BEARTRAP CREEK, Mike Horse Creek to the mouth (Blackfoot River)	Zinc	1988	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_060	SANDBAR CREEK, forks to mouth (Willow Creek)	Aluminum	1990	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_060	SANDBAR CREEK, forks to mouth (Willow Creek)	Copper	1990	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_060	SANDBAR CREEK, forks to mouth (Willow Creek)	Iron	1990	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_060	SANDBAR CREEK, forks to mouth (Willow Creek)	Manganese	1990	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F002_070	ARRASTRA CREEK, headwaters to mouth (Blackfoot River)	Sedimentation/Siltation	1992	05/19/2004	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_BFHSe_d_Master.pdf .
Blackfoot Headwaters	Upper Clark Fork	17010203	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 .

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Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Copper	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Iron	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Lead	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap Creek)	Manganese	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 .
Blackfoot Headwaters	Upper Clark Fork	17010203	MT76F003_010	MIKE HORSE CREEK, headwaters to mouth (Beartrap 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, 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 .
Bobtail Creek	Kootenai	17010101	MT76D002_080	BOBTAIL CREEK, headwaters to mouth (Kootenai River)	Sedimentation/Siltation	2000	04/27/2005	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/FinalBobtailCoveDoc.pdf .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Bobtail Creek	Kootenai	17010101	MT76D002_080	BOBTAIL CREEK, headwaters to mouth (Kootenai River)	Turbidity	2000	04/27/2005	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
Careless Creek	Musselshell	10040201	MT40A002_050	CARELESS CREEK, Junction with Deadmans Basin Canal to Mouth (Musselshell River)	Sedimentation/Siltation	1988	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 .
Clark Fork River	Upper Clark Fork	17010202	MT76E001_010	CLARK FORK RIVER, the Blackfoot River to Flint Creek	Nitrogen (Total)	1994	10/21/1998	The TMDL was completed for nitrogen (total).
Clark Fork River	Upper Clark Fork	17010202	MT76E001_010	CLARK FORK RIVER, the Blackfoot River to Flint Creek	Phosphorus (Total)	1994	10/21/1998	The TMDL was completed for phosphorus (total).
Clark Fork River	Upper Clark Fork	17010201	MT76G001_010	CLARK FORK RIVER, Flint Creek to the Little Blackfoot River	Nitrogen (Total)	1996	10/21/1998	The TMDL was completed for nitrogen (total).
Clark Fork River	Upper Clark Fork	17010201	MT76G001_010	CLARK FORK RIVER, Flint Creek to the Little Blackfoot River	Phosphorus (Total)	1996	10/21/1998	The TMDL was completed for phosphorus (total).
Clark Fork River	Upper Clark Fork	17010201	MT76G001_030	CLARK FORK RIVER, the Little Blackfoot River to Cottonwood Creek	Nitrogen (Total)	1990	10/21/1998	The TMDL was completed for nitrogen (total).
Clark Fork River	Upper Clark Fork	17010201	MT76G001_030	CLARK FORK RIVER, the Little Blackfoot River to Cottonwood Creek	Phosphorus (Total)	1990	10/21/1998	The TMDL was completed for phosphorus (total).
Clark Fork River	Upper Clark Fork	17010201	MT76G001_040	CLARK FORK RIVER, Cottonwood Creek to Warm Springs Creek	Nitrogen (Total)	1990	10/21/1998	The TMDL was completed for nitrogen (total).
Clark Fork River	Upper Clark Fork	17010201	MT76G001_040	CLARK FORK RIVER, Cottonwood Creek to Warm Springs Creek	Phosphorus (Total)	1990	10/21/1998	The TMDL was completed for phosphorus (total).
Clark Fork River	Lower Clark Fork	17010204	MT76M001_010	CLARK FORK RIVER, the Flathead River to Fish Creek	Nitrogen (Total)	2000	10/21/1998	The TMDL was completed for nitrogen (total).
Clark Fork River	Lower Clark Fork	17010204	MT76M001_010	CLARK FORK RIVER, the Flathead River to Fish Creek	Phosphorus (Total)	2008	10/21/1998	The TMDL was completed for phosphorus (total).
Clark Fork River	Lower Clark Fork	17010204	MT76M001_020	CLARK FORK RIVER, Fish Creek to Rattlesnake Creek	Chlorophyll-a	1988	10/21/1998	The TMDL was completed for Chlorophyll-a.
Clark Fork River	Lower Clark Fork	17010204	MT76M001_020	CLARK FORK RIVER, Fish Creek to Rattlesnake Creek	Nitrogen (Total)	1990	10/21/1998	The TMDL was completed for nitrogen (total).
Clark Fork River	Lower Clark Fork	17010204	MT76M001_020	CLARK FORK RIVER, Fish Creek to Rattlesnake Creek	Organic Enrichment (Sewage) Biological Indicators	1990	10/21/1998	This pollutant is linked to pollutant TMDLs (Nitrogen (Total) and Phosphorus (Total).)
Clark Fork River	Lower Clark Fork	17010204	MT76M001_020	CLARK FORK RIVER, Fish Creek to Rattlesnake Creek	Phosphorus (Total)	1990	10/21/1998	The TMDL was completed for phosphorus (total).
Clark Fork River	Lower Clark Fork	17010204	MT76M001_030	CLARK FORK RIVER, Rattlesnake Creek to the Blackfoot River	Nutrient/Eutrophication Biological Indicators	2000	10/21/1998	This pollutant is linked to pollutant TMDLs (Nitrogen (Total) and Phosphorus (Total)).

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Cooke City	Upper Yellowstone	10070001	MT43B002_031	SODA BUTTE CREEK, McLaren Tailings to the Montana Border	Copper	1996	01/06/2003	The TMDL was completed for copper.
Cooke City	Upper Yellowstone	10070001	MT43B002_031	SODA BUTTE CREEK, McLaren Tailings to the Montana Border	Iron	1996	01/06/2003	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: copper, iron, lead, and manganese and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
Cooke City	Upper Yellowstone	10070001	MT43B002_031	SODA BUTTE CREEK, McLaren Tailings to the Montana Border	Lead	1996	01/06/2003	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: copper, iron, lead, and manganese and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
Cooke City	Upper Yellowstone	10070001	MT43B002_031	SODA BUTTE CREEK, McLaren Tailings to the Montana Border	Manganese	1996	01/06/2003	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: copper, iron, lead, and manganese and can be viewed on-line at: http://www.deq.mt.gov/wqinfo/TMDL/Cooke_City_files/FinalCCTMDL.pdf .
Cooke City	Upper Yellowstone	10070001	MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Aluminum	2006	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070001	MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Cadmium	2006	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070001	MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Copper	2006	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070001	MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Iron	2006	01/06/2003	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 .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Cooke City	Upper Yellowstone	10070001	MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Lead	2006	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070001	MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Manganese	2006	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070001	MT43B002_040	MILLER CREEK, headwaters to mouth (Soda Butte Creek)	Zinc	2006	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070005	MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	Copper	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070005	MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	Iron	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070005	MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	Manganese	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070005	MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	pH	2002	01/06/2003	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 . Section 3.3.1.2 (page 3-11) states "Because of the linkage between metals loading and acidic drainage, it is assumed that restoration activities undertaken to address high metal loads from mining impacts will also address conditions leading to low pH values from these same mining impacts." Therefore, the TMDL indirectly addresses pH via the metals load allocations.

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Cooke City	Upper Yellowstone	10070005	MT43C001_010	STILLWATER RIVER, headwaters to Flood Creek	Sedimentation/Siltation	2002	01/06/2003	The TMDL was completed for sedimentation/siltation.
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Aluminum	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Cadmium	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Copper	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Iron	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Lead	1996	01/06/2003	
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Manganese	1996	01/06/2003	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 .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	pH	1996	01/06/2003	<p>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.</p> <p>Section 3.3.1.2 (page 3-11) states "Because of the linkage between metals loading and acidic drainage, it is assumed that restoration activities undertaken to address high metal loads from mining impacts will also address conditions leading to low pH values from these same mining impacts." Therefore, the TMDL indirectly addresses pH via the metals load allocations.</p>
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Zinc	1996	01/06/2003	<p>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.</p>
Cooke City	Upper Yellowstone	10070005	MT43C002_140	DAISY CREEK, headwaters to mouth (Stillwater River)	Sedimentation/Siltation	2000	01/06/2003	<p>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.</p>
Cooke City	Upper Yellowstone	10070006	MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Cadmium	1992	01/06/2003	<p>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.</p>
Cooke City	Upper Yellowstone	10070006	MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Copper	1992	01/06/2003	<p>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.</p>
Cooke City	Upper Yellowstone	10070006	MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Lead	1992	01/06/2003	<p>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.</p>

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Cooke City	Upper Yellowstone	10070006	MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	pH	1992	01/06/2003	<p>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.</p> <p>Section 3.3.1.2 (page 3-11) states "Because of the linkage between metals loading and acidic drainage, it is assumed that restoration activities undertaken to address high metal loads from mining impacts will also address conditions leading to low pH values from these same mining impacts." Therefore, the TMDL indirectly addresses pH via the metals load allocations.</p>
Cooke City	Upper Yellowstone	10070006	MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Silver	1992	01/06/2003	<p>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.</p>
Cooke City	Upper Yellowstone	10070006	MT43D001_020	CLARKS FORK YELLOWSTONE RIVER, headwaters to the Montana Border	Zinc	1992	01/06/2003	<p>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.</p>
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Aluminum	1996	01/06/2003	<p>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.</p>
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Cadmium	1996	01/06/2003	<p>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.</p>
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Copper	1996	01/06/2003	<p>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.</p>

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Iron	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Lead	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Manganese	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	pH	1996	01/06/2003	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 . Section 3.3.1.2 (page 3-11) states "Because of the linkage between metals loading and acidic drainage, it is assumed that restoration activities undertaken to address high metal loads from mining impacts will also address conditions leading to low pH values from these same mining impacts." Therefore, the TMDL indirectly addresses pH via the metals load allocations.
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Silver	1996	01/06/2003	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 .
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Zinc	1996	01/06/2003	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 .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Cooke City	Upper Yellowstone	10070006	MT43D002_110	FISHER CREEK, headwaters to mouth (Clarks Fork Yellowstone River)	Sedimentation/Siltation	2002	01/06/2003	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 .
Dearborn	Missouri-Sun-Smith	10030102	MT41Q003_020	MIDDLE FORK OF THE DEARBORN RIVER, headwaters to the mouth (Dearborn River)	Sedimentation/Siltation	1988	05/25/2005	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 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.
Dearborn	Missouri-Sun-Smith	10030102	MT41Q003_030	SOUTH FORK OF THE DEARBORN RIVER, headwaters to the mouth (Dearborn River)	Sedimentation/Siltation	2002	05/25/2005	The TMDL was completed for sedimentation/siltation.
Dearborn	Missouri-Sun-Smith	10030102	MT41Q003_040	FLAT CREEK, Henry Creek to the mouth (Dearborn River)	Sedimentation/Siltation	1988	05/25/2005	The TMDL was completed for sedimentation/siltation.
Deep Creek	Missouri-Sun-Smith	10030101	MT41I002_070	DEEP CREEK, the National Forest Boundary to the mouth (Missouri River)	Sedimentation/Siltation	2000	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 .
Elk Creek	Lower Clark Fork	17010213	MT76N003_060	ELK CREEK, headwaters to the mouth (Cabinet Gorge Reservoir)	Sedimentation/Siltation	2006	12/08/1998	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 .
Flathead Headwaters	Flathead	17010206	MT76Q002_080	COAL CREEK, South Fork to mouth (North Fork Flathead)	Sedimentation/Siltation	2006	05/24/2005	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 .
Flathead Lake	Flathead	17010208	MT76O003_010	FLATHEAD LAKE	Nitrogen (Total)	1996	03/31/2002	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 .
Flathead Lake	Flathead	17010208	MT76O003_010	FLATHEAD LAKE	Phosphorus (Total)	1996	03/31/2002	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 .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Grave Creek	Kootenai	17010101	MT76D004_060	GRAVE CREEK, Foundation Creek to the mouth (Fortine Creek)	Sedimentation/Siltation	1990	05/10/2005	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/GraveFinalCPanTOC.pdf .
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_020	PRICKLY PEAR CREEK, Helena WWTP Discharge Ditch to Lake Helena	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_020	PRICKLY PEAR CREEK, Helena WWTP Discharge Ditch to Lake Helena	Cadmium	1988	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_020	PRICKLY PEAR CREEK, Helena WWTP Discharge Ditch to Lake Helena	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_020	PRICKLY PEAR CREEK, Helena WWTP Discharge Ditch to Lake Helena	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_020	PRICKLY PEAR CREEK, Helena WWTP Discharge Ditch to Lake Helena	Sedimentation/Siltation	1988	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_020	PRICKLY PEAR CREEK, Helena WWTP Discharge Ditch to Lake Helena	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_020	PRICKLY PEAR CREEK, Helena WWTP Discharge Ditch to Lake Helena	Nitrate/Nitrite (Nitrite + Nitrate as N)	1990	09/27/2006	This pollutant was addressed via an equivalent pollutant TMDL (Nitrogen (Total)).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_020	PRICKLY PEAR CREEK, Helena WWTP Discharge Ditch to Lake Helena	Phosphorus (Total)	2008	09/27/2006	The TMDL was completed for phosphorus (total).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_030	PRICKLY PEAR CREEK, Highway 433 (Wylie Dr.) Crossing to Helena WWTP Discharge	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_030	PRICKLY PEAR CREEK, Highway 433 (Wylie Dr.) Crossing to Helena WWTP Discharge	Cadmium	1988	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_030	PRICKLY PEAR CREEK, Highway 433 (Wylie Dr.) Crossing to Helena WWTP Discharge	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_030	PRICKLY PEAR CREEK, Highway 433 (Wylie Dr.) Crossing to Helena WWTP Discharge	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_030	PRICKLY PEAR CREEK, Highway 433 (Wylie Dr.) Crossing to Helena WWTP Discharge	Sedimentation/Siltation	1988	09/27/2006	The TMDL was completed for sedimentation/siltation.

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_030	PRICKLY PEAR CREEK, Highway 433 (Wylie Dr.) Crossing to Helena WWTP Discharge	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_030	PRICKLY PEAR CREEK, Highway 433 (Wylie Dr.) Crossing to Helena WWTP Discharge	Nitrogen (Total)	2008	09/27/2006	The TMDL was completed for nitrogen (total). Originally listed in 2000 for nutrients.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_030	PRICKLY PEAR CREEK, Highway 433 (Wylie Dr.) Crossing to Helena WWTP Discharge	Phosphorus (Total)	2008	09/27/2006	The TMDL was completed for phosphorus (total). Originally listed in 2000 for nutrients.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_040	PRICKLY PEAR CREEK, Lump Gulch to Montana Highway 433 (Wylie Dr.) Crossing	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_040	PRICKLY PEAR CREEK, Lump Gulch to Montana Highway 433 (Wylie Dr.) Crossing	Cadmium	1988	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_040	PRICKLY PEAR CREEK, Lump Gulch to Montana Highway 433 (Wylie Dr.) Crossing	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_040	PRICKLY PEAR CREEK, Lump Gulch to Montana Highway 433 (Wylie Dr.) Crossing	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_040	PRICKLY PEAR CREEK, Lump Gulch to Montana Highway 433 (Wylie Dr.) Crossing	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_040	PRICKLY PEAR CREEK, Lump Gulch to Montana Highway 433 (Wylie Dr.) Crossing	Sedimentation/Siltation	2000	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_050	PRICKLY PEAR CREEK, Spring Creek to Lump Gulch	Sedimentation/Siltation	1988	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_050	PRICKLY PEAR CREEK, Spring Creek to Lump Gulch	Cadmium	2000	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_050	PRICKLY PEAR CREEK, Spring Creek to Lump Gulch	Lead	2000	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_050	PRICKLY PEAR CREEK, Spring Creek to Lump Gulch	Zinc	2000	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_060	PRICKLY PEAR CREEK, headwaters to Spring Creek	Lead	1992	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_060	PRICKLY PEAR CREEK, headwaters to Spring Creek	Total Suspended Solids (TSS)	2008	09/27/2006	The TMDL was completed for suspended solids.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_070	GOLCONDA CREEK, headwaters to the mouth (Prickly Pear Creek) T 7N, R3W	Cadmium	1992	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT411006_070	GOLCONDA CREEK, headwaters to the mouth (Prickly Pear Creek) T 7N, R3W	Lead	1992	09/27/2006	The TMDL was completed for lead.

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_080	SPRING CREEK, Corbin Creek to the mouth (Prickly Pear Creek)	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_080	SPRING CREEK, Corbin Creek to the mouth (Prickly Pear Creek)	Cadmium	1988	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_080	SPRING CREEK, Corbin Creek to the mouth (Prickly Pear Creek)	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_080	SPRING CREEK, Corbin Creek to the mouth (Prickly Pear Creek)	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_080	SPRING CREEK, Corbin Creek to the mouth (Prickly Pear Creek)	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_080	SPRING CREEK, Corbin Creek to the mouth (Prickly Pear Creek)	Nitrogen (Total)	2008	09/27/2006	The TMDL was completed for nitrogen (total).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_080	SPRING CREEK, Corbin Creek to the mouth (Prickly Pear Creek)	Phosphorus (Total)	2008	09/27/2006	The TMDL was completed for phosphorus (total).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_080	SPRING CREEK, Corbin Creek to the mouth (Prickly Pear Creek)	Total Suspended Solids (TSS)	2008	09/27/2006	The TMDL was completed for suspended solids.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_090	CORBIN CREEK, headwaters to the mouth (Spring Creek)	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_090	CORBIN CREEK, headwaters to the mouth (Spring Creek)	Cadmium	1988	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_090	CORBIN CREEK, headwaters to the mouth (Spring Creek)	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_090	CORBIN CREEK, headwaters to the mouth (Spring Creek)	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_090	CORBIN CREEK, headwaters to the mouth (Spring Creek)	Solids (Suspended/Bedload)	1988	09/27/2006	The TMDL was completed for suspended solids.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_090	CORBIN CREEK, headwaters to the mouth (Spring Creek)	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_100	MIDDLE FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear Creek)	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_100	MIDDLE FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear Creek)	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_100	MIDDLE FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear Creek)	Sedimentation/Siltation	1990	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_100	MIDDLE FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear Creek)	Cadmium	2008	09/27/2006	The TMDL was completed for cadmium. Originally listed in 1996 for metals.

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_100	MIDDLE FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear Creek)	Lead	2008	09/27/2006	The TMDL was completed for lead. Original 1996 listing was for metals.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_110	WARM SPRINGS CREEK, the Middle Fork to the mouth (Prickly Pear Creek)	Arsenic	1990	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_110	WARM SPRINGS CREEK, the Middle Fork to the mouth (Prickly Pear Creek)	Cadmium	1990	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_110	WARM SPRINGS CREEK, the Middle Fork to the mouth (Prickly Pear Creek)	Lead	1990	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_110	WARM SPRINGS CREEK, the Middle Fork to the mouth (Prickly Pear Creek)	Sedimentation/Siltation	1990	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_110	WARM SPRINGS CREEK, the Middle Fork to the mouth (Prickly Pear Creek)	Zinc	2008	09/27/2006	The TMDL was completed for zinc. Originally listed in 1996 for metals.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_120	CLANCY CREEK, headwaters to the mouth (Prickly Pear Creek)	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_120	CLANCY CREEK, headwaters to the mouth (Prickly Pear Creek)	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_120	CLANCY CREEK, headwaters to the mouth (Prickly Pear Creek)	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_120	CLANCY CREEK, headwaters to the mouth (Prickly Pear Creek)	Sedimentation/Siltation	1988	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_120	CLANCY CREEK, headwaters to the mouth (Prickly Pear Creek)	Cadmium	2008	09/27/2006	The TMDL was completed for cadmium. Original 1996 listing was for metals.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_120	CLANCY CREEK, headwaters to the mouth (Prickly Pear Creek)	Zinc	2008	09/27/2006	The TMDL was completed for zinc. Originally listed in 1996 for metals.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_130	LUMP GULCH, headwaters to the mouth (Prickly Pear Creek)	Cadmium	1990	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_130	LUMP GULCH, headwaters to the mouth (Prickly Pear Creek)	Copper	1990	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_130	LUMP GULCH, headwaters to the mouth (Prickly Pear Creek)	Lead	1990	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_130	LUMP GULCH, headwaters to the mouth (Prickly Pear Creek)	Zinc	1990	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_130	LUMP GULCH, headwaters to the mouth (Prickly Pear Creek)	Total Suspended Solids (TSS)	2008	09/27/2006	The TMDL was completed for suspended solids.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_141	TENMILE CREEK, headwaters to the Helena PWS intake above Rimini	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_141	TENMILE CREEK, headwaters to the Helena PWS intake above Rimini	Cadmium	1988	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_141	TENMILE CREEK, headwaters to the Helena PWS intake above Rimini	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_141	TENMILE CREEK, headwaters to the Helena PWS intake above Rimini	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_141	TENMILE CREEK, headwaters to the Helena PWS intake above Rimini	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_142	TENMILE CREEK, the Helena PWS intake above Rimini to the Helena WT plant	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_142	TENMILE CREEK, the Helena PWS intake above Rimini to the Helena WT plant	Cadmium	1988	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_142	TENMILE CREEK, the Helena PWS intake above Rimini to the Helena WT plant	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_142	TENMILE CREEK, the Helena PWS intake above Rimini to the Helena WT plant	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_142	TENMILE CREEK, the Helena PWS intake above Rimini to the Helena WT plant	Sedimentation/Siltation	1988	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_142	TENMILE CREEK, the Helena PWS intake above Rimini to the Helena WT plant	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Cadmium	1988	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Copper	1988	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Lead	1988	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Sedimentation/Siltation	1988	09/27/2006	The TMDL was completed for sedimentation/siltation.

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Zinc	1988	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Nutrient/Eutrophication Biological Indicators	2002	09/27/2006	This pollutant is linked to pollutant TMDLs (Nitrogen (Total) and Phosphorus (Total)).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Nitrogen (Total)	2008	09/27/2006	The TMDL was completed for nitrogen (total).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_143	TENMILE CREEK, the Helena WT plant to the mouth (Prickly Pear Creek)	Phosphorus (Total)	2008	09/27/2006	The TMDL was completed for phosphorus (total).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_150	SILVER CREEK, headwaters to the mouth (Lake Helena)	Arsenic	1988	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_160	SEVENMILE CREEK, headwaters to the mouth (Tenmile Creek)	Sedimentation/Siltation	1992	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_160	SEVENMILE CREEK, headwaters to the mouth (Tenmile Creek)	Lead	2002	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_160	SEVENMILE CREEK, headwaters to the mouth (Tenmile Creek)	Phosphorus (Total)	2002	09/27/2006	The TMDL was completed for phosphorus (total).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_160	SEVENMILE CREEK, headwaters to the mouth (Tenmile Creek)	Arsenic	2008	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_160	SEVENMILE CREEK, headwaters to the mouth (Tenmile Creek)	Copper	2008	09/27/2006	The TMDL was completed for copper.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_160	SEVENMILE CREEK, headwaters to the mouth (Tenmile Creek)	Nitrogen (Total)	2008	09/27/2006	The TMDL was completed for nitrogen (total).
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_180	NORTH FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear)	Arsenic	2002	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_180	NORTH FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear)	Sedimentation/Siltation	2002	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_180	NORTH FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear)	Cadmium	2008	09/27/2006	The TMDL was completed for cadmium.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_180	NORTH FORK WARM SPRINGS CREEK, headwaters to mouth (Warm Springs Creek-Prickly Pear)	Zinc	2008	09/27/2006	The TMDL was completed for zinc.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_210	JENNIES FORK, headwaters to mouth (Silver Creek-Missouri River)	Lead	1994	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_210	JENNIES FORK, headwaters to mouth (Silver Creek-Missouri River)	Sedimentation/Siltation	1994	09/27/2006	The TMDL was completed for sedimentation/siltation.
Lake Helena	Missouri-Sun-Smith	10030101	MT41I006_220	SKELLY GULCH tributary of Greenhorn Creek-Sevenmile Creek T10N R5W Sec 2	Sedimentation/Siltation	1994	09/27/2006	The TMDL was completed for sedimentation/siltation.

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Lake Helena	Missouri-Sun-Smith	10030101	MT411007_010	LAKE HELENA	Arsenic	1994	09/27/2006	The TMDL was completed for arsenic.
Lake Helena	Missouri-Sun-Smith	10030101	MT411007_010	LAKE HELENA	Lead	1994	09/27/2006	The TMDL was completed for lead.
Lake Helena	Missouri-Sun-Smith	10030101	MT411007_010	LAKE HELENA	Nitrogen (Total)	2008	09/27/2006	The TMDL was completed for nutrients.
Lake Helena	Missouri-Sun-Smith	10030101	MT411007_010	LAKE HELENA	Phosphorus (Total)	2008	09/27/2006	The TMDL was completed for nutrients.
Lone Tree Creek	Milk	10050012	MT40O002_050	LONE TREE CREEK, headwaters to mouth at Willow Creek	Nitrogen (Total)	2000	09/21/2001	The TMDL document was submitted to EPA in February 2001. The document, "Lone Tree Creek TMDL Addressing Riparian Habitat Degradation, Flow Alteration and Nutrient Enrichment" was approved by EPA on September 21, 2001. The document addressed TMDLs for sediment, other habitat alteration and siltation for Lone Tree Creek. The TMDL document can be found at: http://www.deq.mt.gov/wqinfo/TMDL/pdf/LoneTreeCrk.pdf .
Ninemile	Lower Clark Fork	17010204	MT76M004_010	NINEMILE CREEK, headwaters to the mouth (Clark Fork River)	Sedimentation/Siltation	1996	07/26/2003	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 .
Ninemile	Lower Clark Fork	17010204	MT76M004_020	STONY CREEK, headwaters to the mouth (Ninemile Creek)	Sedimentation/Siltation	1994	07/26/2005	The TMDL was completed for sedimentation/siltation.
Ninemile	Lower Clark Fork	17010204	MT76M004_040	JOSEPHINE CREEK, headwaters to the mouth (Ninemile Creek)	Sedimentation/Siltation	2006	07/26/2005	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 .
Ninemile	Lower Clark Fork	17010204	MT76M004_060	CEDAR CREEK, headwaters to the mouth (Ninemile Creek)	Sedimentation/Siltation	2006	07/26/2005	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 .
Ninemile	Lower Clark Fork	17010204	MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Copper	1988	07/26/2005	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 .
Ninemile	Lower Clark Fork	17010204	MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Lead	1988	07/26/2005	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 .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Ninemile	Lower Clark Fork	17010204	MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Mercury	1988	07/26/2005	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 .
Ninemile	Lower Clark Fork	17010204	MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Sedimentation/Siltation	1988	07/26/2005	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 .
Ninemile	Lower Clark Fork	17010204	MT76M004_070	KENNEDY CREEK, headwaters to the mouth (Ninemile Creek)	Zinc	1988	07/26/2005	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 .
Ninemile	Lower Clark Fork	17010204	MT76M004_080	LITTLE MCCORMICK CREEK, headwaters to mouth (McCormick Creek)	Sedimentation/Siltation	2006	07/26/2005	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 .
Prospect Creek	Lower Clark Fork	17010213	MT76N003_020	PROSPECT CREEK, headwaters to the mouth (Clark Fork River)	Antimony	2000	12/27/2006	The TMDL was completed for antimony.
Prospect Creek	Lower Clark Fork	17010213	MT76N003_020	PROSPECT CREEK, headwaters to the mouth (Clark Fork River)	Lead	2000	12/27/2006	The TMDL was completed for lead.
Prospect Creek	Lower Clark Fork	17010213	MT76N003_020	PROSPECT CREEK, headwaters to the mouth (Clark Fork River)	Zinc	2000	12/27/2006	The TMDL was completed for zinc.
Prospect Creek	Lower Clark Fork	17010213	MT76N003_021	ANTIMONY CREEK DRAINAGE headwaters to mouth (Prospect Creek)	Arsenic	2004	12/27/2006	The TMDL was completed for arsenic.
Prospect Creek	Lower Clark Fork	17010213	MT76N003_021	ANTIMONY CREEK DRAINAGE headwaters to mouth (Prospect Creek)	Lead	2004	12/27/2006	The TMDL was completed for lead.
Prospect Creek	Lower Clark Fork	17010213	MT76N003_021	ANTIMONY CREEK DRAINAGE headwaters to mouth (Prospect Creek)	Antimony	2008	12/27/2006	The TMDL was completed for antimony.
Prospect Creek	Lower Clark Fork	17010213	MT76N003_022	COX GULCH headwaters to mouth (Prospect Creek)	Lead	2004	12/27/2006	The TMDL was completed for lead.
Ruby	Upper Missouri Tribs.	10020003	MT41C001_010	RUBY RIVER, Ruby Dam to the mouth (Beaverhead River)	Sedimentation/Siltation	1988	05/09/2007	The TMDL was completed for sedimentation/siltation.

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TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Ruby	Upper Missouri Tribs.	10020003	MT41C001_010	RUBY RIVER, Ruby Dam to the mouth (Beaverhead River)	Temperature, water	2000	05/09/2007	The TMDL was completed for temperature, water.
Ruby	Upper Missouri Tribs.	10020003	MT41C001_020	RUBY RIVER, the East, West, and Middle Forks to Ruby Reservoir	Sedimentation/Siltation	1990	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_010	WISCONSIN CREEK, headwaters to mouth (Ruby River)	Sedimentation/Siltation	1990	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_020	MILL CREEK, headwaters to mouth (Ruby River)	Sedimentation/Siltation	1990	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_020	MILL CREEK, headwaters to mouth (Ruby River)	Temperature, water	1990	05/09/2007	The TMDL was completed for temperature, water.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_030	INDIAN CREEK, headwaters to mouth (Mill Creek-Ruby River)	Sedimentation/Siltation	2006	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_040	ALDER GULCH, headwaters to mouth (Ruby River)	Sedimentation/Siltation	1990	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_050	RAMSHORN CREEK, headwaters to mouth (Ruby River)	Lead	1988	05/09/2007	The TMDL was completed for lead.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_050	RAMSHORN CREEK, headwaters to mouth (Ruby River)	Sedimentation/Siltation	2004	05/09/2007	The TMDL was completed for sedimentation/siltation
Ruby	Upper Missouri Tribs.	10020003	MT41C002_060	CURRENT CREEK, headwaters to mouth (Ramshorn Creek) T4S, R4W, S35	Sedimentation/Siltation	1992	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_090	CALIFORNIA CREEK, headwaters to mouth (Ruby River), T5S R4W	Sedimentation/Siltation	1994	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_100	GARDEN CREEK, headwaters to the mouth (Ruby Reservoir)	Sedimentation/Siltation	1996	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C002_110	MORMON CREEK, headwaters to mouth (Upper end of Ruby River Reservoir)	Sedimentation/Siltation	1996	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_020	COAL CREEK, headwaters to mouth (Middle Fork Ruby River)	Sedimentation/Siltation	2006	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_030	COTTONWOOD CREEK, headwaters to mouth (Ruby River)	Sedimentation/Siltation	1990	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_040	EAST FORK RUBY RIVER, headwaters to mouth (Ruby River)	Sedimentation/Siltation	2006	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_050	WARM SPRINGS CREEK, headwaters to mouth (Ruby River)	Sedimentation/Siltation	1990	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_060	SWEETWATER CREEK, headwaters to mouth (Ruby River)	Sedimentation/Siltation	1992	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_060	SWEETWATER CREEK, headwaters to mouth (Ruby River)	Chlorophyll-a	2002	05/09/2007	The TMDL was completed for Chlorophyll-a.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_060	SWEETWATER CREEK, headwaters to mouth (Ruby River)	Nitrogen (Total)	2002	05/09/2007	The TMDL was completed for nitrogen (total).

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TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Ruby	Upper Missouri Tribs.	10020003	MT41C003_060	SWEETWATER CREEK, headwaters to mouth (Ruby River)	Phosphorus (Total)	2002	05/09/2007	The TMDL was completed for phosphorus (total).
Ruby	Upper Missouri Tribs.	10020003	MT41C003_080	WEST FORK RUBY RIVER, headwaters to mouth (Ruby River)	Sedimentation/Siltation	1990	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_090	MIDDLE FORK RUBY RIVER, Divide Creek to mouth (Ruby River)	Sedimentation/Siltation	1990	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_110	POISON CREEK, headwaters to mouth (Ruby River) T11S R3W	Sedimentation/Siltation	1992	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_120	BASIN CREEK, headwaters to mouth (Middle Fork Ruby River) T11S R3W	Sedimentation/Siltation	1992	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_130	BURNT CREEK, headwaters to mouth (Ruby River) T10S R3W	Sedimentation/Siltation	1992	05/09/2007	The TMDL was completed for sedimentation/siltation.
Ruby	Upper Missouri Tribs.	10020003	MT41C003_150	SHOVEL CREEK, headwaters to mouth (Cabin Creek-Middle Fork Ruby River)	Sedimentation/Siltation	1992	05/09/2007	The TMDL was completed for sedimentation/siltation.
Sun	Missouri-Sun-Smith	10030104	MT41K001_010	SUN RIVER, Gibson Dam to Muddy Creek	Sedimentation/Siltation	1988	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K001_010	SUN RIVER, Gibson Dam to Muddy Creek	Temperature, water	1990	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K001_020	SUN RIVER, Muddy Creek to the mouth (Missouri River)	Nitrogen (Total)	1988	02/23/2005	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 .

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TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Sun	Missouri-Sun-Smith	10030104	MT41K001_020	SUN RIVER, Muddy Creek to the mouth (Missouri River)	Phosphorus (Total)	1988	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K001_020	SUN RIVER, Muddy Creek to the mouth (Missouri River)	Sedimentation/Siltation	1988	02/23/2005	The TMDL was completed for sedimentation/siltation.
Sun	Missouri-Sun-Smith	10030104	MT41K001_020	SUN RIVER, Muddy Creek to the mouth (Missouri River)	Total Suspended Solids (TSS)	1988	02/23/2005	The TMDL was completed for Total Suspended Solids (TSS).
Sun	Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Nitrogen (Total)	1988	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Phosphorus (Total)	1988	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Sedimentation/Siltation	1988	02/23/2005	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 .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Sun	Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Salinity	1990	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Sulfates	1990	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Temperature, water	1990	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Total Dissolved Solids	1990	02/23/2005	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 .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Sun	Missouri-Sun-Smith	10030104	MT41K002_010	MUDDY CREEK, headwaters to the mouth (Sun River)	Selenium	2006	02/23/2005	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, selenium (aquatic life), 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 .
Sun	Missouri-Sun-Smith	10030104	MT41K002_020	FORD CREEK, from mouth 2 miles upstream (Smith Creek-Elk Creek-Sun River)	Sedimentation/Siltation	2000	02/23/2005	In the Nutrients Section of the TMDL document written by DEQ, the document indicates that Ford Creek is 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 .
Sun	Missouri-Sun-Smith	10030104	MT41K004_030	FREEZEOUT LAKE	Selenium	1988	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K004_030	FREEZEOUT LAKE	Total Dissolved Solids	1988	02/23/2005	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 .
Sun	Missouri-Sun-Smith	10030104	MT41K004_030	FREEZEOUT LAKE	Sulfates	1990	02/23/2005	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 .

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Swan	Flathead	17010211	MT76K002_010	SWAN LAKE	Sedimentation/Siltation	1996	08/31/2004	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 .
Swan	Flathead	17010211	MT76K002_010	SWAN LAKE	BOD, sediment load (Sediment Oxygen Demand)	2008	08/31/2004	An equivalent TMDL was completed for BOD, sediment load (Sediment Oxygen Load).
Swan	Flathead	17010211	MT76K003_010	JIM CREEK, West Fork to mouth (Swan River)	Sedimentation/Siltation	1990	08/31/2004	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 .
Swan	Flathead	17010211	MT76K003_031	GOAT CREEK, headwaters to Squeezer Creek	Total Suspended Solids (TSS)	1992	08/31/2004	The TMDL was completed for sedimentation/siltation.
Teton	Marias	10030205	MT41O001_010	TETON RIVER, Muddy Creek to the mouth (Marias River)	Salinity	1996	11/26/2003	A surrogate TMDL was completed for salinity.
Teton	Marias	10030205	MT41O001_010	TETON RIVER, Muddy Creek to the mouth (Marias River)	Sedimentation/Siltation	1996	11/26/2003	The TMDL was completed for sedimentation/siltation.
Teton	Marias	10030205	MT41O001_010	TETON RIVER, Muddy Creek to the mouth (Marias River)	Sulfates	1996	11/26/2003	A surrogate TMDL was completed for sulfates.
Teton	Marias	10030205	MT41O001_010	TETON RIVER, Muddy Creek to the mouth (Marias River)	Total Dissolved Solids	1996	11/26/2003	The TMDL was completed for total dissolved solids.
Teton	Marias	10030205	MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Total Suspended Solids (TSS)	1988	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, 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 .
Teton	Marias	10030205	MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Salinity	2000	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, 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 .
Teton	Marias	10030205	MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Sulfates	2000	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, 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 .

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TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Teton	Marias	10030205	MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Temperature, water	2000	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, 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
Teton	Marias	10030205	MT41O001_020	TETON RIVER, Deep Creek to Muddy Creek	Total Dissolved Solids	2000	11/26/2003	A surrogate TMDL was completed for total dissolved solids.
Teton	Marias	10030205	MT41O002_010	WILLOW CREEK, headwaters to the mouth (Deep Creek)	Sedimentation/Siltation	1988	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
Teton	Marias	10030205	MT41O002_020	DEEP CREEK, Willow Creek to the mouth (Teton River)	Sedimentation/Siltation	1988	11/26/2003	A surrogate TMDL was completed for sedimentation/siltation.
Teton	Marias	10030205	MT41O002_020	DEEP CREEK, Willow Creek to the mouth (Teton River)	Nitrogen (Total)	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, 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
Teton	Marias	10030205	MT41O002_020	DEEP CREEK, Willow Creek to the mouth (Teton River)	Phosphorus (Total)	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, 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
Teton	Marias	10030205	MT41O002_060	TETON SPRING CREEK, the city of Choteau to mouth (Teton River)	Nitrogen (Total)	2002	11/26/2003	The TMDL was completed for nitrogen (total).
Teton	Marias	10030205	MT41O002_060	TETON SPRING CREEK, the city of Choteau to mouth (Teton River)	Sedimentation/Siltation	2002	11/26/2003	A surrogate TMDL was completed for sedimentation/siltation.
Teton	Marias	10030205	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
Teton	Marias	10030205	MT41O002_070	TETON SPRING CREEK, headwaters to city of Choteau	Temperature, water	2002	11/26/2003	The TMDL was completed for temperature, water.

Appendix F: EPA-Approved TMDLs

TMDL Planning Area	Watershed	HUC	ID305B	Waterbody Name/Location	Cause of Impairment	Cycle First Listed	TMDL Completion Date	Comment
Teton	Marias	10030205	MT41O004_020	PRIEST BUTTE LAKE	Salinity	1988	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
Teton	Marias	10030205	MT41O004_020	PRIEST BUTTE LAKE	Selenium	1988	11/26/2003	The TMDL was completed for selenium.
Teton	Marias	10030205	MT41O004_020	PRIEST BUTTE LAKE	Sulfates	1988	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
Teton	Marias	10030205	MT41O004_020	PRIEST BUTTE LAKE	Total Dissolved Solids	1988	11/26/2003	A surrogate TMDL was completed for total dissolved solids.
Upper Lolo	Upper Clark Fork	17010205	MT76H005_030	GRANITE CREEK, headwaters to the mouth (Lolo Creek)	Sedimentation/Siltation	1988	06/24/2003	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 .
Upper Lolo	Upper Clark Fork	17010205	MT76H005_040	EAST FORK LOLO CREEK, headwaters to mouth (Confluence with Lolo Creek)	Sedimentation/Siltation	1990	06/24/2003	The TMDL was completed for sedimentation/siltation.
Upper Lolo	Upper Clark Fork	17010205	MT76H005_050	WEST FORK LOLO CREEK, headwaters to mouth (Lolo Creek)	Sedimentation/Siltation	1992	06/24/2003	The TMDL was completed for sedimentation/siltation.
Upper Lolo	Upper Clark Fork	17010205	MT76H005_060	LOST PARK CREEK, headwaters to mouth (Confluence with East Fork Lolo Creek)	Sedimentation/Siltation	1992	06/24/2003	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 .
Upper Lolo	Upper Clark Fork	17010205	MT76H005_070	LEE CREEK, headwaters to mouth (West Fork Lolo Creek)	Sedimentation/Siltation	2002	06/24/2003	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 .