

## **APPENDIX A – STATUS OF WATERBODY IMPAIRMENTS IN THE CENTRAL CLARK FORK TRIBUTARIES TPA BASED ON THE 2014 INTEGRATED REPORT**

## **ACRONYMS**

<b>Acronym</b>	<b>Definition</b>
TMDL	Total Maximum Daily Load
TN	Total Nitrogen
TP	Total Phosphorus
TPA	TMDL Planning Area

**Table A-1. Status of waterbody impairments in the Central Clark Fork Tributaries TPA based on the 2014 Integrated Report**

Waterbody and Location Description	Waterbody ID	Impairment Cause	TMDL Pollutant Category	Impairment Cause Status <sup>1,2</sup>
Dry Creek, headwaters to mouth (Clark Fork River)	MT76M002_170	Alteration in streamside or littoral vegetative covers	Not Applicable; Non-Pollutant	Addressed by a TN TMDL in this document
		Nitrogen (Total)	Nutrients	TN TMDL contained in this document
		Low flow alterations	Not Applicable; Non-Pollutant	Partially addressed in <b>Section 9.0</b> of this document
Hall Gulch, headwaters to mouth (Flat Creek)	MT76M002_200	Antimony	Metals	Antimony TMDL completed in a previous document (2013)
		Arsenic	Metals	Arsenic TMDL completed in a previous document (2013)
		Iron	Metals	Iron TMDL completed in a previous document (2013)
		Lead	Metals	Lead TMDL completed in a previous document (2013)
		Zinc	Metals	Zinc TMDL completed in a previous document (2013)
Flat Creek, headwaters to mouth (Clark Fork River)	MT76M002_180	Antimony	Metals	Antimony TMDL completed in a previous document (2013)
		Arsenic	Metals	Arsenic TMDL completed in a previous document (2013)
		Cadmium	Metals	Cadmium TMDL completed in a previous document (2013)
		Lead	Metals	Lead TMDL completed in a previous document (2013)
		Mercury	Metals	Mercury TMDL completed in a previous document (2013)
		Physical substrate habitat alterations	Not Applicable; Non-Pollutant	Addressed by a sediment TMDL in this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document
		Zinc	Metals	Zinc TMDL completed in a previous document (2013)

**Table A-1. Status of waterbody impairments in the Central Clark Fork Tributaries TPA based on the 2014 Integrated Report**

Waterbody and Location Description	Waterbody ID	Impairment Cause	TMDL Pollutant Category	Impairment Cause Status <sup>1,2</sup>
<b>Trout Creek</b> , headwaters to mouth (Clark Fork River)	MT76M002_050	Alteration in streamside or littoral vegetative covers	Not Applicable; Non-Pollutant	Partially addressed in <b>Section 9.0</b> of this document
		Physical substrate habitat alterations	Not Applicable; Non-Pollutant	Partially addressed in <b>Section 9.0</b> of this document
		Turbidity	Sediment	Turbidity TMDL contained in this document
<b>Nemote Creek</b> , headwaters to mouth (Clark Fork River)	MT76M002_160	Chlorophyll- <i>a</i>	Not Applicable; Non-Pollutant	Addressed by TN and TP TMDLs contained in this document
		Low Flow Alterations	Not Applicable; Non-Pollutant	Partially addressed in <b>Section 9.0</b> of this document
		Nitrogen (Total)	Nutrients	TN TMDL contained in this document
		Phosphorus (Total)	Nutrients	TP TMDL contained in this document
		Temperature, water	Temperature	Temperature TMDL contained in this document
<b>West Fork Petty Creek</b> , headwaters to mouth (Petty Creek)	MT76M002_100	Chlorophyll- <i>a</i>	Not Applicable; Non-Pollutant	Addressed by a TP TMDL contained in this document
		Phosphorus (Total)	Nutrients	TP TMDL contained in this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document
<b>Petty Creek</b> , headwaters to mouth (Clark Fork River)	MT76M002_090	Alteration in streamside or littoral vegetative covers	Not Applicable; Non-Pollutant	Addressed by a sediment TMDL in this document
		Low flow alterations	Not Applicable; Non-Pollutant	Partially addressed in <b>Section 9.0</b> of this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document
		Temperature, water	Temperature	Temperature TMDL contained in this document
<b>Stony Creek</b> , headwaters to mouth (Ninemile Creek)	MT76M004_020	Phosphorus (Total)	Nutrients	TP TMDL contained in this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained a previous document

**Table A-1. Status of waterbody impairments in the Central Clark Fork Tributaries TPA based on the 2014 Integrated Report**

Waterbody and Location Description	Waterbody ID	Impairment Cause	TMDL Pollutant Category	Impairment Cause Status <sup>1,2</sup>
<b>Grant Creek</b> , headwaters to mouth (Clark Fork River)	MT76M002_130	Alteration in streamside or littoral vegetative covers	Not Applicable; Non-Pollutant	Addressed by a sediment TMDL in this document
		Excess Algal Growth	Not Applicable; Non-Pollutant	Addressed by a TN TMDL in this document
		Low flow alterations	Not Applicable; Non-Pollutant	Partially addressed in <b>Section 9.0</b> of this document
		Nitrate/Nitrite (Nitrite + Nitrate as N)	Nutrients	Addressed by a TN TMDL in this document
		Nitrogen (Total)	Nutrients	TN TMDL contained in this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document
		Temperature, water	Temperature	Temperature TMDL contained in this document
<b>Wallace Creek</b> , headwaters to mouth (Clark Fork River)	MT76E004_010	Copper	Metals	Copper TMDL completed in a previous document (2013)
<b>Cramer Creek</b> , headwaters to mouth (Clark Fork River)	MT76E004_020	Aluminum	Metals	Aluminum TMDL completed in a previous document (2013)
		Lead	Metals	Lead TMDL completed in a previous document (2013)
		Cause Unknown	Not Applicable; Non-Pollutant	Addressed by a sediment TMDL in this document
		Physical substrate habitat alterations	Not Applicable; Non-Pollutant	Addressed by a sediment TMDL in this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document
<b>Tenmile Creek</b> , headwaters to mouth (Bear Creek)	MT76E004_030	Alteration in streamside or littoral vegetative covers	Not Applicable; Non-Pollutant	Addressed by a sediment TMDL in this document
		Phosphorus (Total)	Nutrients	TP TMDL contained in this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document

**Table A-1. Status of waterbody impairments in the Central Clark Fork Tributaries TPA based on the 2014 Integrated Report**

Waterbody and Location Description	Waterbody ID	Impairment Cause	TMDL Pollutant Category	Impairment Cause Status <sup>1,2</sup>
<b>Deep Creek</b> , headwaters to mouth (Bear Creek)	MT76E004_070	Chlorophyll- <i>a</i>	Not Applicable; Non-Pollutant	Addressed by a NO <sub>2</sub> +NO <sub>3</sub> TMDL contained in this document
		Low Flow Alterations	Not Applicable; Non-Pollutant	Partially addressed in <b>Section 9.0</b> of this document
		Nitrate/Nitrite (Nitrite + Nitrate as N)	Nutrients	NO <sub>2</sub> +NO <sub>3</sub> TMDL contained in this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document
<b>Mulkey Creek</b> , headwaters to mouth (Clark Fork River)	MT76E004_050	Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document
<b>Rattler Gulch</b> , headwaters to mouth (Clark Fork River)	MT76E004_060	Alteration in streamside or littoral vegetative covers	Not Applicable; Non-Pollutant	Addressed by a sediment TMDL in this document
		Chlorophyll- <i>a</i>	Not Applicable; Non-Pollutant	Addressed by a TP TMDL contained in this document
		Low Flow Alterations	Not Applicable; Non-Pollutant	Partially addressed in <b>Section 9.0</b> of this document
		Phosphorus (Total)	Nutrients	TP TMDL contained in this document
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in this document

<sup>1</sup> TN = Total Nitrogen, TP = Total Phosphorus, NO<sub>2</sub> + NO<sub>3</sub> = Nitrite + Nitrate

<sup>2</sup> Metals TMDLs were previously completed in this project area and can be found in the 2013 “Bonita-Superior Metals TMDLs.” Sediment TMDLs were previously completed in this project area and can be found in the 2005 “Water Quality Restoration Plan and Total Maximum Daily Loads for the Ninemile Planning Area.”