

**APPENDIX A – TABLE OF IMPAIRED WATERBODIES, THEIR IMPAIRED USES,
AND IMPAIRMENT STATUS ON THE 2012 WATER QUALITY INTEGRATED
REPORT**

Table A-1. Status of Waterbody Impairments in the Flint TPA based on the 2012 Integrated Report

Waterbody and Location Description	Waterbody ID	Impairment Cause	TMDL Pollutant Category	Impairment Cause Status*
Barnes Creek, from headwaters to mouth (Flint Creek)	MT76E003_070	Nitrogen (Total)	Nutrients	TN TMDL in this document
		Nitrate/Nitrite (Nitrite + Nitrate)	Nutrients	Addressed by TN TMDL in this document
		Phosphorus (Total)	Nutrients	TP TMDL in this document
		Chlorophyll- <i>a</i>	Not Applicable; Nonpollutant	Addressed by TN and TP TMDLs in this document
		Iron	Metals	Iron TMDL contained in a previous document (2012)
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in a previous document (2012)
Boulder Creek, headwaters to mouth (Flint Creek)	MT76E003_060	Arsenic	Metals	Arsenic TMDL contained in a previous document (2012)
		Lead	Metals	Lead TMDL contained in a previous document (2012)
		Mercury	Metals	Mercury TMDL contained in a previous document (2012)
		Physical substrate habitat alterations	Not Applicable; Nonpollutant	Addressed via recommendations in Sections 7, 8, and 9 of a previous document (2012)
		Zinc	Metals	Zinc TMDL contained in a previous document (2012)
Camp Creek, headwaters to terminus, T7N R14W S25	MT76E003_130	Alteration in streamside or littoral vegetative covers	Not Applicable; Nonpollutant	Addressed via recommendations in Sections 7, 8, and 9 of a previous document (2012)
		Arsenic	Metals	Arsenic TMDL contained in a previous document (2012)
		Copper	Metals	Copper TMDL contained in a previous document (2012)
		Fish-Passage Barrier	Not Applicable; Nonpollutant	Addressed via recommendations in Sections 7, 8, and 9 of a previous document (2012)
		Lead	Metals	Lead TMDL contained in a previous document (2012)
		Zinc	Metals	Zinc TMDL contained in a previous document (2012)

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Waterbody and Location Description	Waterbody ID	Impairment Cause	TMDL Pollutant Category	Impairment Cause Status*
Douglas Creek, confluence of Middle and South forks to mouth (Flint Creek), T9N R13W S10	MT76E003_020	Nitrogen, Nitrate	Nutrients	Nitrate TMDL in this document
		Physical substrate habitat alterations	Not Applicable; Nonpollutant	Addressed via recommendations in Sections 7, 8, and 9 of a previous document (2012)
Douglas Creek, headwaters to where stream ends, T7N R14W S25	MT76E003_100	Arsenic	Metals	Arsenic TMDL contained in a previous document (2012)
		Cadmium	Metals	Cadmium TMDL contained in a previous document (2012)
		Copper	Metals	Copper TMDL contained in a previous document (2012)
		Iron	Metals	Iron TMDL contained in a previous document (2012)
		Lead	Metals	Lead TMDL contained in a previous document (2012)
		Mercury	Metals	Mercury TMDL contained in a previous document (2012)
		Physical substrate habitat alterations	Not Applicable; Nonpollutant	Addressed via Sediment TMDL contained in a previous document (2012)
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in a previous document (2012)
		Zinc	Metals	Zinc TMDL contained in a previous document (2012)

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Waterbody and Location Description	Waterbody ID	Impairment Cause	TMDL Pollutant Category	Impairment Cause Status*
Flint Creek, Georgetown Lake to confluence with Boulder Creek	MT76E003_011	Alteration in streamside or littoral vegetative covers	Not Applicable; Nonpollutant	Addressed via Sediment TMDL contained in a previous document (2012)
		Antimony	Metals	Not impaired based on updated assessment
		Arsenic	Metals	Arsenic TMDL contained in a previous document (2012)
		Cadmium	Metals	Not impaired based on updated assessment
		Copper	Metals	Copper TMDL contained in a previous document (2012)
		Lead	Metals	Lead TMDL contained in a previous document (2012)
		Low flow alterations	Not Applicable; Nonpollutant	Partially addressed via recommendations in Sections 7, 8, and 9 of a previous document (2012)
		Mercury	Metals	Mercury TMDL contained in a previous document (2012)
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in a previous document (2012)
Flint Creek, Boulder Creek to mouth (Clark Fork River)	MT76E003_012	Nitrogen (Total)	Nutrients	TN TMDL in this document
		Phosphorus (Total)	Nutrients	TP TMDL in this document
		Alteration in streamside or littoral vegetative covers	Not Applicable; Nonpollutant	Addressed via Sediment TMDL contained in a previous document (2012)
		Arsenic	Metals	Arsenic TMDL contained in a previous document (2012)
		Cadmium	Metals	No TMDL developed; updated 303(d) listing status pending
		Copper	Metals	Copper TMDL contained in a previous document (2012)
		Iron	Metals	Iron TMDL contained in a previous document (2012)
		Lead	Metals	Lead TMDL contained in a previous document (2012)
		Turbidity	Sediment	Addressed via Sediment TMDL contained in a previous document (2012)

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Waterbody and Location Description	Waterbody ID	Impairment Cause	TMDL Pollutant Category	Impairment Cause Status*
Fred Burr Creek, Fred Burr Lake to mouth (Flint Creek)	MT76E003_040	Alteration in streamside or littoral vegetative covers	Not Applicable; Nonpollutant	Addressed via recommendations in Sections 7, 8, and 9 of a previous document (2012)
		Arsenic	Metals	Arsenic TMDL contained in a previous document (2012)
		Lead	Metals	Lead TMDL contained in a previous document (2012)
		Mercury	Metals	Mercury TMDL contained in a previous document (2012)
North Fork Douglas Creek, headwaters to mouth (Middle Fork Douglas Creek)	MT76E003_030	Alteration in streamside or littoral vegetative covers	Not Applicable; Nonpollutant	Addressed via recommendations in Sections 7, 8, and 9 of a previous document (2012)
		Arsenic	Metals	Not impaired based on updated assessment
		Cadmium	Metals	Cadmium TMDL contained in a previous document (2012)
		Copper	Metals	Copper TMDL contained in a previous document (2012)
		Sulfates	Metals	Not impaired based on updated assessment
		Zinc	Metals	Zinc TMDL contained in a previous document (2012)
Princeton Gulch, headwaters to mouth (Boulder Creek)	MT76E003_090	Nitrates	Nutrients	Nitrate TMDL in this document
		Physical substrate habitat alterations	Not Applicable; Nonpollutant	Addressed via recommendations in Sections 7, 8, and 9 of a previous document (2012)
Smart Creek, headwaters to mouth (Flint Creek), T9N R13W S21	MT76E003_110	Phosphorus (Total)	Nutrients	TP TMDL in this document
		Alteration in streamside or littoral vegetative covers	Not Applicable; Nonpollutant	Addressed via Sediment TMDL contained in a previous document (2012)
		Sedimentation/Siltation	Sediment	Sediment TMDL contained in a previous document (2012)
South Fork Lower Willow Creek, headwaters to mouth (Lower Willow Creek Reservoir)	MT76E003_050	Copper	Metals	Copper TMDL contained in a previous document (2012)
		Lead	Metals	Lead TMDL contained in a previous document (2012)
		Mercury	Metals	Mercury TMDL contained in a previous document (2012)

* TN = Total Nitrogen, TP = Total Phosphorus, Nitrate = Nitrates = Nitrogen, Nitrate = NO₂+NO₃ = Nitrite + Nitrate