

**Table A-1 Designated Uses and Water Quality Impairments of Perennial Streams and Canals Crossed By Link in Montana**

Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
1	Missouri River (Totson Dam to Canyon Ferry Reservoir)	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Industrial</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Alteration in streamside or littoral vegetative covers</li> <li>▪ Siltation</li> <li>▪ Low flow alterations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned mining</li> <li>▪ Agriculture</li> <li>▪ Crop production</li> </ul>
2-1	Broadwater Missouri Canal	NA	NA	NA
2-1	Dry Creek	NA	NA	NA
2-1	Sixmile Creek	NA	NA	NA
2-1	Big Springs Ditch	NA	NA	NA
2-1	Toston Canal	NA	NA	NA
2-3	Mud Spring Gulch	NA	NA	NA
2-3	Milligan Creek	NA	NA	NA
2-3	Boulder River (Cottonwood Creek to mouth – Jefferson River)	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in streamside or littoral vegetative covers</li> <li>▪ Arsenic</li> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Low flow alterations</li> <li>▪ Siltation</li> <li>▪ Water temperature</li> <li>▪ Zinc</li> </ul>	<ul style="list-style-type: none"> <li>▪ Forest roads</li> <li>▪ Grazing in riparian zone</li> <li>▪ New construction</li> <li>▪ Abandoned mines</li> <li>▪ Mill tailings</li> <li>▪ Acid mine drainage</li> <li>▪ Regulation/modification</li> <li>▪ Irrigated crop production</li> </ul>
3-1	Crow Creek	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Aquatic life</li> </ul>	<ul style="list-style-type: none"> <li>▪ Flow alteration</li> <li>▪ Nutrients</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Crop-related sources</li> </ul>
4-1		<ul style="list-style-type: none"> <li>▪ Cold water fishery</li> <li>▪ Industrial</li> </ul>	<ul style="list-style-type: none"> <li>▪ Other habitat alterations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Grazing-</li> </ul>

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		<ul style="list-style-type: none"> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Siltation</li> </ul>	<ul style="list-style-type: none"> <li>related sources</li> <li>▪ Habitat modification (other than hydromodification)</li> </ul>
3-1	Swamp Creek	NA	NA	NA
4-2	Elkhorn Creek	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream side or littoral vegetative covers</li> <li>▪ Arsenic</li> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Low flow alterations</li> <li>▪ Sedimentation</li> <li>▪ Zinc</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned mines</li> <li>▪ Grazing in riparian zone</li> <li>▪ Channelization</li> <li>▪ Habitat modification</li> <li>▪ Highway, roads, bridges</li> </ul>
4-2	McCarty Creek	NA	NA	NA
4-2	Sloan Gulch	NA	NA	NA
4-2	Muskrat Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream side or littoral vegetative covers</li> <li>▪ Copper</li> <li>▪ Lead</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned mines</li> <li>▪ Rangeland grazing</li> </ul>
4-2	Wood Creek	NA	NA	NA
4-2	High Ore Creek	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Industrial</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream side or littoral vegetative covers</li> <li>▪ Arsenic</li> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Mercury</li> <li>▪ Sedimentation/siltation</li> <li>▪ Water temperature</li> <li>▪ Total suspended solids</li> </ul>	<ul style="list-style-type: none"> <li>▪ Channelization</li> <li>▪ Forest roads</li> <li>▪ Highway, roads, bridges</li> <li>▪ Abandoned mines</li> <li>▪ Loss of riparian habitat</li> <li>▪ Silviculture activities</li> <li>▪ Acid mine drainage</li> </ul>

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Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
			<ul style="list-style-type: none"> <li>▪ Zinc</li> </ul>	<ul style="list-style-type: none"> <li>▪ Contaminated sediments</li> <li>▪ Mine tailings</li> <li>▪ Rangeland grazing</li> </ul>
4-2	Bishop Creek	NA	NA	NA
4-2	Big Limber Gulch	<ul style="list-style-type: none"> <li>▪ Drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Lead</li> <li>▪ Mercury</li> </ul>	<ul style="list-style-type: none"> <li>▪ Acid mine drainage</li> <li>▪ Abandoned mine lands</li> </ul>
4-2	Cataract Creek	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Arsenic</li> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Mercury</li> <li>▪ Nitrogen/nitrate</li> <li>▪ Sedimentation/Siltation</li> <li>▪ Zinc</li> </ul>	<ul style="list-style-type: none"> <li>▪ Acid mine drainage</li> <li>▪ Forest roads</li> <li>▪ Contaminated sediments</li> <li>▪ Abandoned mines</li> <li>▪ Mine tailings</li> <li>▪ Rangeland grazing</li> <li>▪ Silviculture activities and harvesting</li> <li>▪ Loss of rip. habitat</li> </ul>
4-2	<i>Uncle Sam Gulch</i>	<ul style="list-style-type: none"> <li>▪ <i>Agriculture</i></li> <li>▪ <i>Aquatic life</i></li> <li>▪ <i>Cold water fishery</i></li> <li>▪ <i>Drinking water</i></li> <li>▪ <i>Industrial</i></li> </ul>	<ul style="list-style-type: none"> <li>▪ <i>Alteration in stream side or littoral vegetative covers</i></li> <li>▪ <i>Arsenic</i></li> <li>▪ <i>Cadmium</i></li> <li>▪ <i>Copper</i></li> <li>▪ <i>Lead</i></li> <li>▪ <i>Nitrogen/nitrate</i></li> <li>▪ <i>Other flow regime alterations</i></li> </ul>	<ul style="list-style-type: none"> <li>▪ <i>Acid mine drainage</i></li> <li>▪ <i>Agriculture</i></li> <li>▪ <i>Forest roads</i></li> <li>▪ <i>Habitat modification</i></li> <li>▪ <i>Silviculture practices</i></li> <li>▪ <i>Subsurface mining</i></li> </ul>

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Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
			<ul style="list-style-type: none"> <li>▪ <i>Sedimentation</i></li> <li>▪ <i>Turbidity</i></li> <li>▪ <i>Zinc</i></li> </ul>	
4-2	Deer Creek	NA	NA	NA
4-2	Basin Creek	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream side or littoral vegetative covers</li> <li>▪ Arsenic</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Mercury</li> <li>▪ Sedimentation/Siltation</li> <li>▪ Zinc</li> </ul>	<ul style="list-style-type: none"> <li>▪ Forest roads</li> <li>▪ Abandoned mines</li> <li>▪ Loss of riparian habitat</li> <li>▪ Rangeland grazing</li> <li>▪ Silviculture activities and harvesting</li> <li>▪ Acid mine drainage</li> <li>▪ Contaminated sediments</li> <li>▪ Mine tailings</li> </ul>
4-2	East Fork Red Rock Creek	NA	NA	NA
4-2	Torpy Gulch	NA	NA	NA
4-2	Alta Gulch	NA	NA	NA
4-2	Finn Gulch	NA	NA	NA
4-2	Boyle Gulch	NA	NA	NA
4-2	Thunderbolt Creek	NA	NA	NA
4-2	Little Cottonwood Creek	NA	NA	NA
4-2	Rock Creek	NA	NA	NA
4-2	Indian Creek	NA	NA	NA
4-2	Dieders Fork	NA	NA	NA

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Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
4-2	Orfino Creek	NA	NA	NA
4-2	North Fork Cottonwood Creek	NA	NA	NA
4-2	South Fork Cottonwood Creek	NA	NA	NA
4-2	Perkins Gulch	NA	NA	NA
4-2	Girard Creek	NA	NA	NA
4-2	Whitcraft Gulch	NA	NA	NA
4-2 7-61 7-72	Silver Bow Creek	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Industrial</li> <li>▪ Primary contact recreation</li> <li>▪ Warm water fishery</li> </ul>	<ul style="list-style-type: none"> <li>▪ Aluminum</li> <li>▪ Arsenic</li> <li>▪ Copper</li> <li>▪ Iron</li> <li>▪ Lead</li> <li>▪ Manganese</li> <li>▪ Nitrates</li> <li>▪ Physical substrate Alterations</li> <li>▪ Sedimentation/ siltation</li> <li>▪ Zinc</li> <li>▪ Silver</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned mine lands</li> <li>▪ Site clearance</li> <li>▪ Loss of riparian habitat</li> </ul>
4-2 7-61 7-9	Mill Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side or littoral vegetative covers</li> <li>▪ Low flow alterations</li> <li>▪ Phosphorus (Total)</li> <li>▪ Sedimentation/ siltation</li> <li>▪ Temperature, water</li> <li>▪ Total Kjeldahl Nitrogen (TKN)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned Mine Lands</li> <li>▪ Grazing in Riparian or Shoreline Zones</li> <li>▪ Irrigated Crop Production</li> <li>▪ Unspecified Unpaved Road or Trail</li> </ul>

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Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
4-2	Mill-Willow Bypass canal	NA	NA	NA
7-2	Whitetail Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dewatering</li> <li>▪ Flow alteration</li> <li>▪ Other habitat alterations</li> <li>▪ Riparian degradation</li> <li>▪ Siltation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Crop-related sources</li> <li>▪ Flow regulation/modification</li> <li>▪ Grazing-related sources</li> <li>▪ Hydromodification</li> </ul>
7-41	Homestake Creek	NA	NA	NA
7-41 8	Big Pipestone Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Industrial</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side littoral vegetative covers</li> <li>▪ Phosphorus (total)</li> <li>▪ Nitrogen</li> <li>▪ Physical substrate habitat</li> <li>▪ Total suspended solids</li> <li>▪ Water temperature</li> </ul>	<ul style="list-style-type: none"> <li>▪ Loss of riparian habitat</li> <li>▪ Agricultural use</li> <li>▪ Dam or impoundment</li> <li>▪ Irrigated crop production</li> <li>▪ Grazing in riparian zones</li> <li>▪ Highway/road/bridge construction</li> <li>▪ Streambank modifications</li> <li>▪ Municipal point source discharges</li> <li>▪ Sediment resuspension</li> <li>▪ Channelization</li> </ul>
7-5	Blacktail Creek	NA	NA	NA
7-61	Basin Creek	NA	NA	NA

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Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
7-8				
7-61	Sand Creek	NA	NA	NA
7-61	Grove Gulch	NA	NA	NA
7-72				
7-72	Gregson Creek	NA	NA	NA
11-21				
7-8	Left Fork Basin Creek	NA	NA	NA
7-8	Muddy Creek	NA	NA	NA
7-9	Willow Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Flow alteration</li> <li>▪ Metals</li> <li>▪ Thermal modifications</li> <li>▪ Zinc</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned mining</li> <li>▪ Acid mine drainage</li> <li>▪ Agriculture</li> <li>▪ Crop-related sources</li> <li>▪ Hydromodification</li> <li>▪ Resource extraction</li> </ul>
8	Pipestone Ditch	NA	NA	NA
8	Little Pipestone Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> </ul>	<ul style="list-style-type: none"> <li>▪ Bank erosion</li> <li>▪ Other habitat alterations</li> <li>▪ Riparian degradation</li> <li>▪ Siltation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Channelization</li> <li>▪ Grazing-related Sources</li> <li>▪ Hydromodification</li> </ul>
8	Fish Creek	<ul style="list-style-type: none"> <li>▪ Drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cadmium</li> <li>▪ Metals</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned mining</li> <li>▪ Acid mine drainage</li> <li>▪ Resource</li> </ul>

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Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
				extraction
8 11-3 11-4	Cherry Creek	NA	NA	NA
8	Little Cherry Creek	NA	NA	NA
8	Hells Canyon Creek	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dewatering</li> <li>▪ Fish habitat degradation</li> <li>▪ Flow alteration</li> <li>▪ Other habitat alterations</li> <li>▪ Riparian degradation</li> <li>▪ Siltation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Crop-related sources</li> <li>▪ Grazing-related sources</li> <li>▪ Highway/road/bridge Construction</li> <li>▪ Hydromodification</li> <li>▪ Silviculture</li> </ul>
8	Rochester Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Arsenic</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Mercury</li> <li>▪ Physical substrate habitat</li> <li>▪ Sedimentation/siltation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned Mine Lands</li> <li>▪ Grazing in riparian or shoreline zones</li> </ul>
8	Nez Perce Creek	NA	NA	NA
8	Larson-Narangich Ditch	NA	NA	NA
8 11-23	Big Hole River	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Primary contact</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Low flow alterations</li> <li>▪ Physical substrate</li> </ul>	<ul style="list-style-type: none"> <li>▪ Acid mine drainage</li> <li>▪ Abandoned mine lands</li> <li>▪ Dam</li> </ul>

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Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
		recreation	habitat <ul style="list-style-type: none"> <li>▪ Temperature, water</li> <li>▪ Zinc</li> </ul>	construction <ul style="list-style-type: none"> <li>▪ Grazing in riparian or shoreline zones</li> <li>▪ Habitat modification</li> <li>▪ Hydromodification</li> <li>▪ Highway, roads, bridges, infrastructure</li> <li>▪ Irrigated crop production</li> <li>▪ Streambank modifications/destabilization</li> </ul>
8	Cocanough-er Ditch	NA	NA	NA
8	Black Slough	NA	NA	NA
11-22	German Gulch	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> </ul>	<ul style="list-style-type: none"> <li>▪ Selenium</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned mines</li> <li>▪ Placer mining</li> </ul>
11-22	Sunday Gulch	NA	NA	NA
11-23	Rose Gulch	NA	NA	NA
11-23	North Fork Divide Creek	NA	NA	NA
11-23	Divide Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side or littoral vegetative covers</li> <li>▪ Low flow alterations</li> <li>▪ Phosphorus (total)</li> <li>▪ Sedimentation/Siltation</li> <li>▪ Temperature Total Kjehldahl Nitrogen (TKN)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Flow alterations from water diversions</li> </ul>

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11-23	Moose Creek	<ul style="list-style-type: none"> <li>Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>Low flow alterations</li> </ul>	<ul style="list-style-type: none"> <li>Irrigated crop production</li> </ul>
11-23	Trapper Creek	<ul style="list-style-type: none"> <li>Aquatic life</li> <li>Cold water fishery</li> <li>Drinking water</li> <li>Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>Alteration in stream-side or littoral vegetative covers</li> <li>Copper</li> <li>Lead</li> <li>Low flow alterations</li> <li>Physical substrate habitat alterations</li> </ul>	<ul style="list-style-type: none"> <li>Channelization</li> <li>Highway, roads, bridges, infrastructure</li> <li>Mine tailings</li> <li>Unspecified unpaved road or trail</li> <li>Acid mine drainage</li> <li>Abandoned mine lands</li> <li>Hydrostructure flow</li> <li>Regulation/modification</li> <li>Irrigated crop production</li> </ul>
11-4	Lost Creek	<ul style="list-style-type: none"> <li>Aquatic life</li> <li>Cold water fishery</li> <li>Drinking water</li> <li>Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>Alteration in stream-side or littoral vegetative covers</li> <li>Arsenic</li> <li>Iron</li> <li>Low flow alterations</li> <li>Manganese</li> <li>Nitrate/Nitrite</li> <li>Physical substrate habitat alterations</li> <li>Sulfates</li> </ul>	<ul style="list-style-type: none"> <li>Agriculture</li> <li>Contaminated sediments</li> <li>Grazing in riparian or shoreline zones</li> <li>Irrigated crop production</li> </ul>
11-3 11-4	<i>Willow Creek</i>	<ul style="list-style-type: none"> <li><i>Primary contact recreation</i></li> <li><i>Other categories not assessed</i></li> </ul>	<ul style="list-style-type: none"> <li><i>Low flow alterations</i></li> </ul>	<ul style="list-style-type: none"> <li><i>Agriculture</i></li> <li><i>Irrigated crop production</i></li> </ul>
11-3 11-4	Birch Creek	<ul style="list-style-type: none"> <li>Aquatic life</li> <li>Cold water fishery</li> <li>Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>Alteration in stream-side or littoral vegetative covers</li> <li>Low flow alterations</li> <li>Other anthropogenic</li> </ul>	<ul style="list-style-type: none"> <li>Channelization</li> <li>Dam or impoundment</li> <li>Hydrostructure flow</li> </ul>

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Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
			substrate alterations <ul style="list-style-type: none"> <li>▪ Physical substrate habitat alterations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Regulation/modification</li> <li>▪ Irrigated crop production</li> </ul>
11-3	South Channel Ditch	NA	NA	NA
11-3	Willow Creek Ditch	NA	NA	NA
11-4 16-1	Beaverhead Water Co. Ditch	NA	NA	NA
16-1 18-1	Rattlesnake Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side or littoral vegetative covers</li> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Nitrogen (total)</li> <li>▪ Phosphorus (total)</li> <li>▪ Sedimentation/siltation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Grazing in riparian or shoreline zones</li> <li>▪ Irrigated crop production</li> <li>▪ Subsurface (hardrock) mining</li> </ul>
16-1	Beaverhead River (Clark Canyon Dam to Grasshopper Creek)	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side or littoral vegetative covers</li> <li>▪ Lead</li> <li>▪ Low flow alterations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agricultural use</li> <li>▪ Dam or impoundment</li> <li>▪ Abandoned mines</li> <li>▪ Irrigated crop production</li> </ul>
16-1	Clark Canyon Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side or littoral vegetative covers</li> <li>▪ Phosphorus (total)</li> <li>▪ Sedimentation/siltation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Grazing in riparian zones</li> </ul>
16-2	Sage Creek	NA	NA	NA

**Table A-1 Designated Uses and Water Quality Impairments of Perennial Streams and Canals Crossed By Link in Montana**

Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
16-2 16-3	Red Rock River	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side or littoral vegetative covers</li> <li>▪ Phosphorus (total)</li> <li>▪ Sedimentation/Siltation</li> <li>▪ Temperature</li> <li>▪ Total Kjeldahl Nitrogen (TKN)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Grazing in riparian or shoreline zones</li> </ul>
16-3	Big Sheep Creek	NA	NA	NA
16-2 16-4	Junction Creek	NA	NA	NA
16-4	Shineberger Creek	NA	NA	NA
16-4	Middle Creek	NA	NA	NA
16-4	Big Beaver Creek	NA	NA	NA
16-4	West Fork Big Beaver Creek	NA	NA	NA
18-1	Grasshopper Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side or littoral vegetative covers</li> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Low flow alterations</li> <li>▪ Zinc</li> </ul>	<ul style="list-style-type: none"> <li>▪ Agriculture</li> <li>▪ Grazing in riparian or shoreline zones</li> <li>▪ Streambank modifications/destabilization</li> <li>▪ Mine tailings</li> <li>▪ Irrigated crop production</li> </ul>
18-1	Horse Prairie Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Drinking water</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Arsenic</li> <li>▪ Cadmium</li> <li>▪ Copper</li> <li>▪ Lead</li> <li>▪ Low flow alterations</li> <li>▪ Mercury</li> <li>▪ Zinc</li> </ul>	<ul style="list-style-type: none"> <li>▪ Abandoned mine lands</li> </ul>

**Table A-1 Designated Uses and Water Quality Impairments of Perennial Streams and Canals Crossed By Link in Montana**

Link	Stream Name	Designated Uses Partially or Not Supporting	Impairment Cause	Impairment Source
18-1	Medicine Lodge Creek	<ul style="list-style-type: none"> <li>▪ Aquatic life</li> <li>▪ Cold water fishery</li> <li>▪ Primary contact recreation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alteration in stream-side or littoral vegetative covers</li> <li>▪ Low flow alterations</li> <li>▪ Phosphorus (total)</li> <li>▪ Sedimentation/Siltation</li> <li>▪ Temperature</li> </ul>	<ul style="list-style-type: none"> <li>▪ Grazing in riparian or shoreline zones</li> <li>▪ Irrigated crop production</li> </ul>
18-1	Schwartz Creek	NA	NA	NA
18-1	Pass Creek	NA	NA	NA
18-1	Hildreth Creek	NA	NA	NA
18-1	Morrison Creek	NA	NA	NA
18-1	Erickson Creek	NA	NA	NA
18-1	Craver Creek	NA	NA	NA
18-1	Cabin Creek	NA	NA	NA
18-1	Simpson Creek	NA	NA	NA
18-1	Tex Creek	NA	NA	NA
18-1	Meadow Creek	NA	NA	NA
18-1	Rock Creek	NA	NA	NA
18-1	Nicholia Creek	NA	NA	NA
18-1	Deadman Creek	NA	NA	NA

NA – Not assessed, Source: MDEQ 2006