

Water Quality Restoration Plan for Metals in the
Blackfoot Headwaters TMDL Planning Area
June 2003

FIGURES

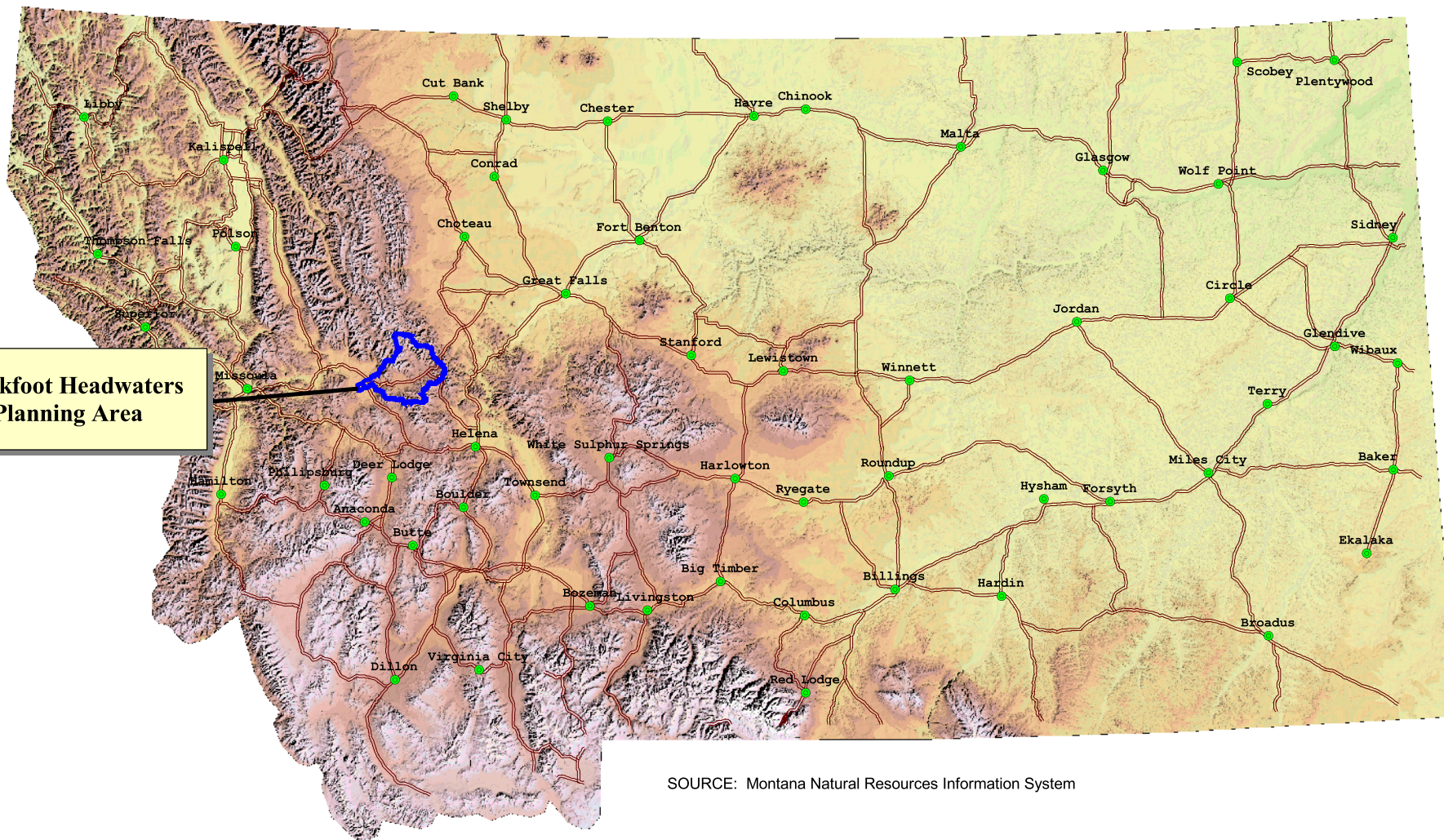
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- Figure 1-2. Blackfoot Headwaters TMDL Planning Area
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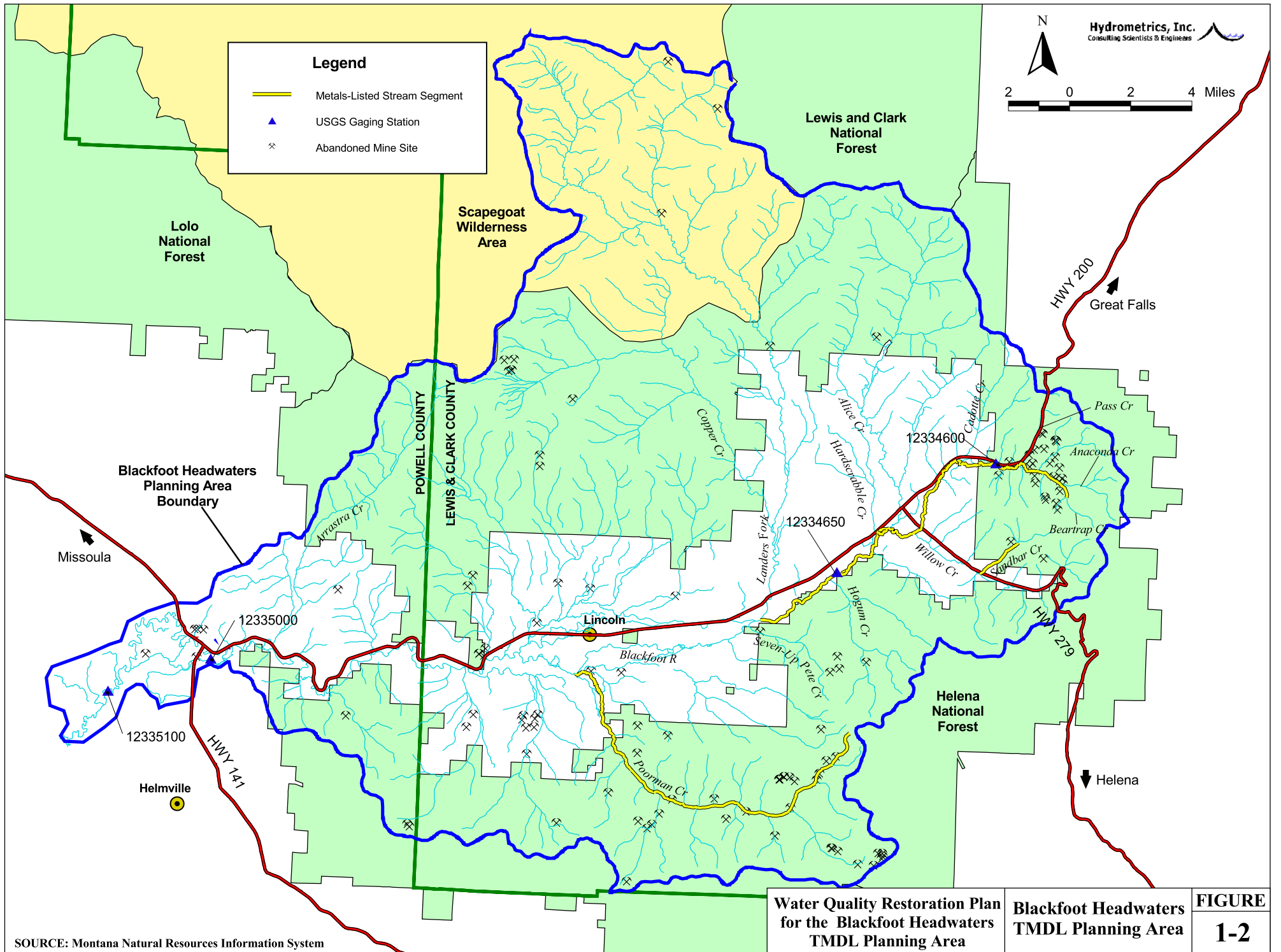
40 0 40 80 Miles



**Blackfoot Headwaters
Planning Area**

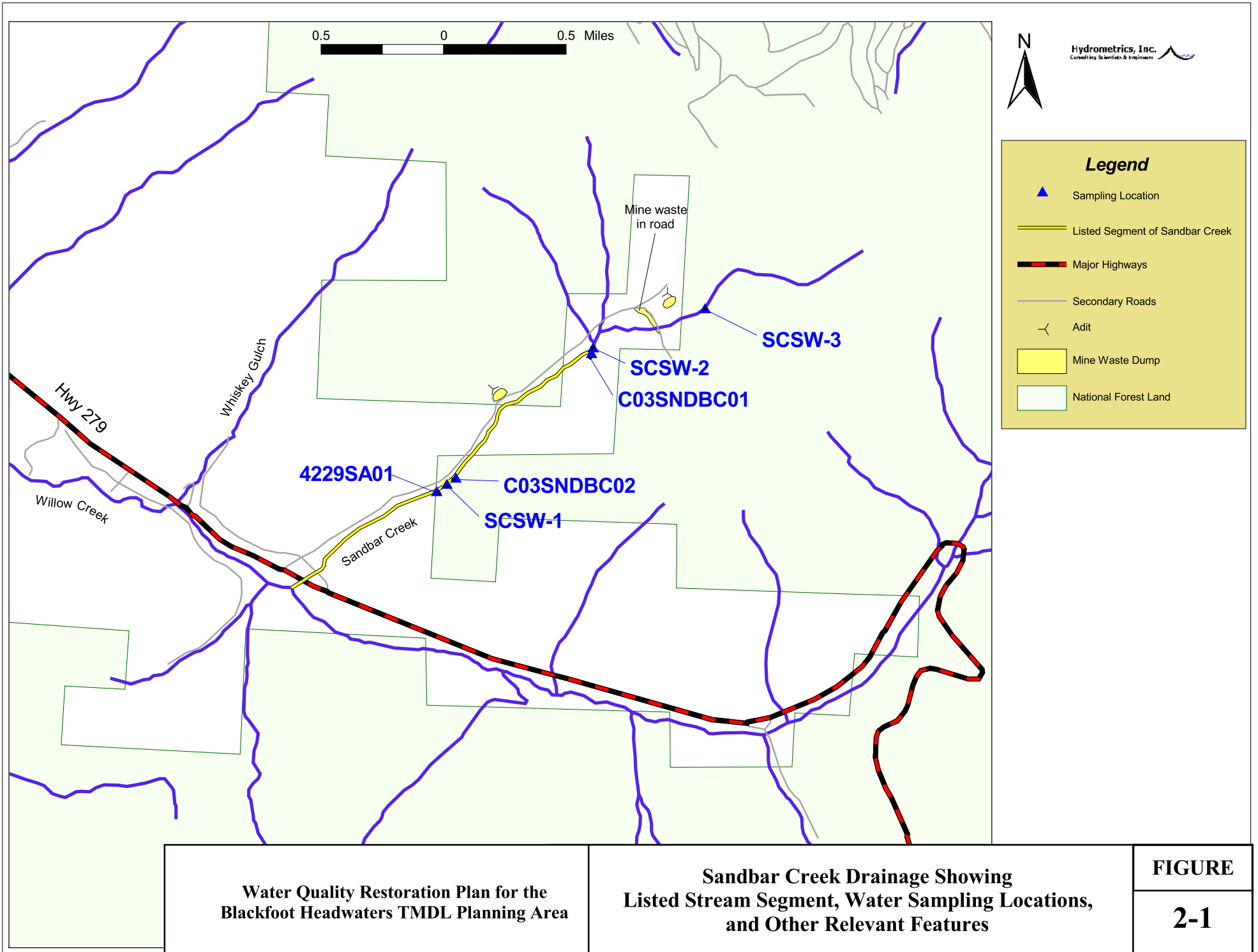


SOURCE: Montana Natural Resources Information System



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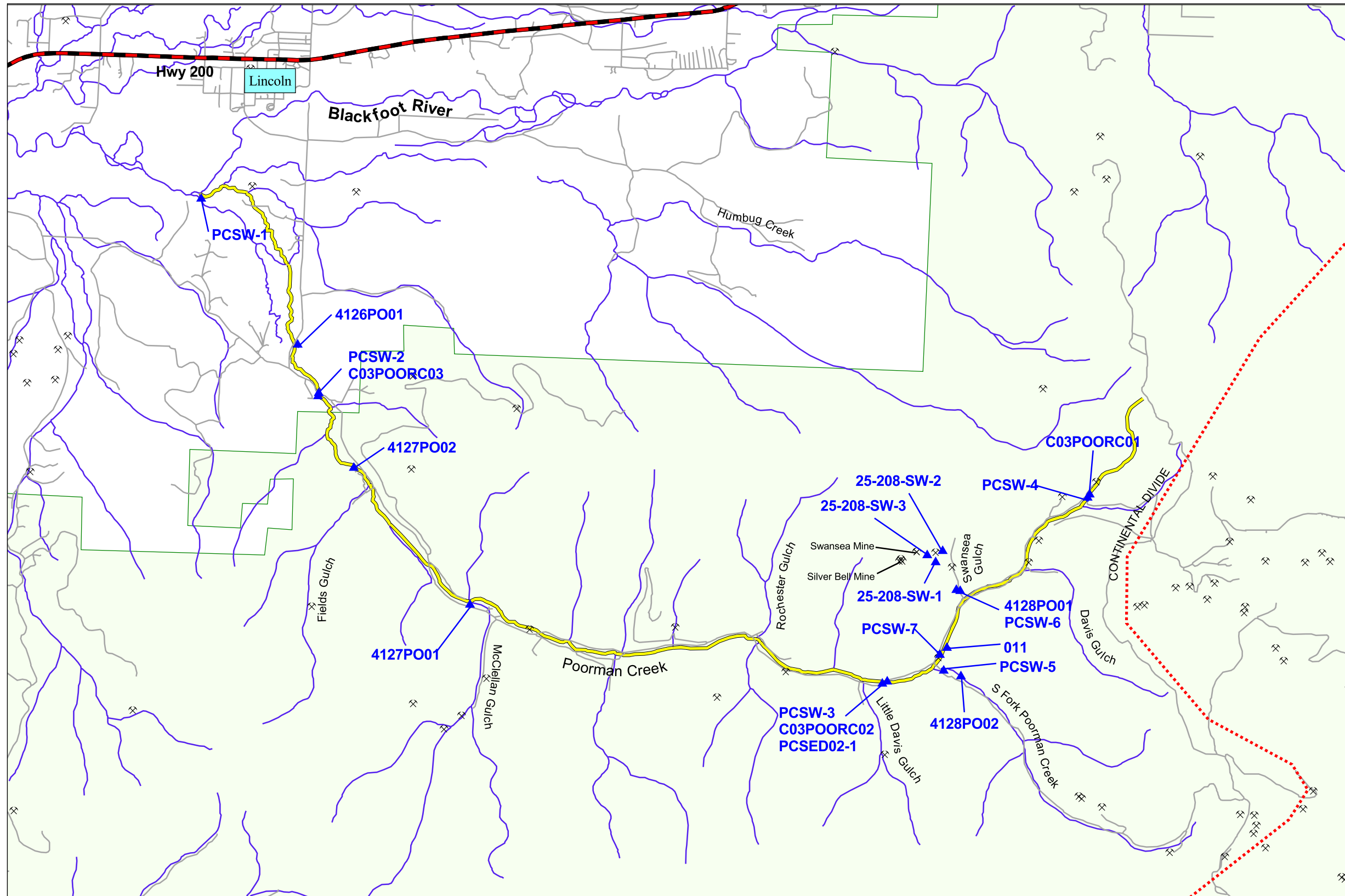


Water Quality Restoration Plan for the
Blackfoot Headwaters TMDL Planning Area

Sandbar Creek Drainage Showing
Listed Stream Segment, Water Sampling Locations,
and Other Relevant Features

FIGURE

2-1



Hydrometrics, Inc.
Consulting Scientists & Engineers

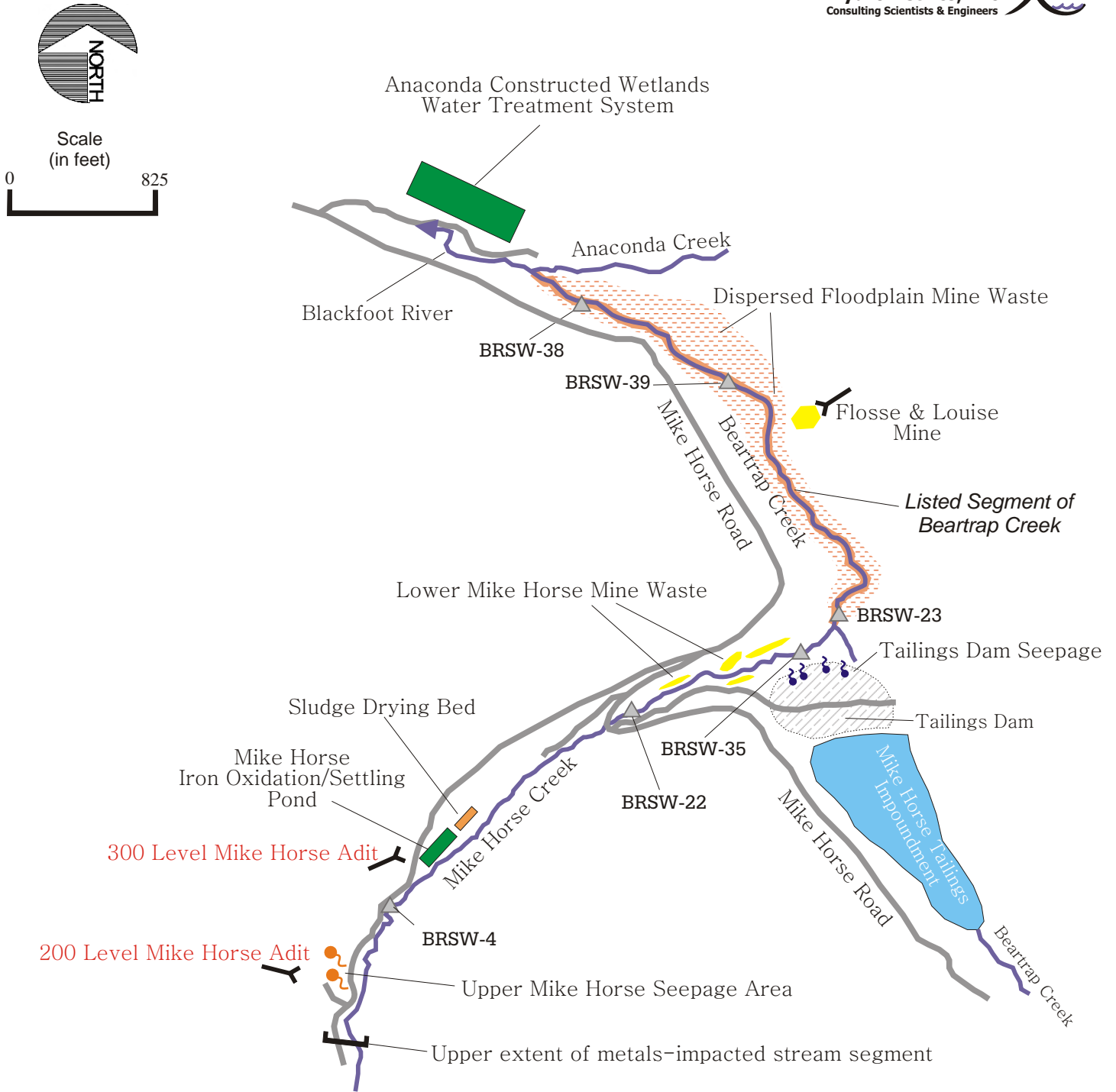
Legend

- ▲ Sampling Location
- Listed Segment of Poorman Creek
- Major Highways
- Secondary Roads
- ⊗ Abandoned Mines
- National Forest Land

Source of Base: Montana Natural Resources Information System (NRIS)



Water Quality Restoration Plan for the Blackfoot Headwaters TMDL Planning Area	Poorman Creek Drainage Showing Listed Stream Segment, Water Sampling Locations, and Other Relevant Features	FIGURE 3-1
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NOTE: Stream, road, and sample location features captured with Global Positioning System. Other feature locations are approximate.

Water Quality Restoration Plan for the Blackfoot Headwaters TMDL Planning Area	SURFACE WATER MONITORING SITES AND METALS LOADING SOURCES TO THE IMPAIRED SEGMENT OF BEARTRAP CREEK	FIGURE
		4-1

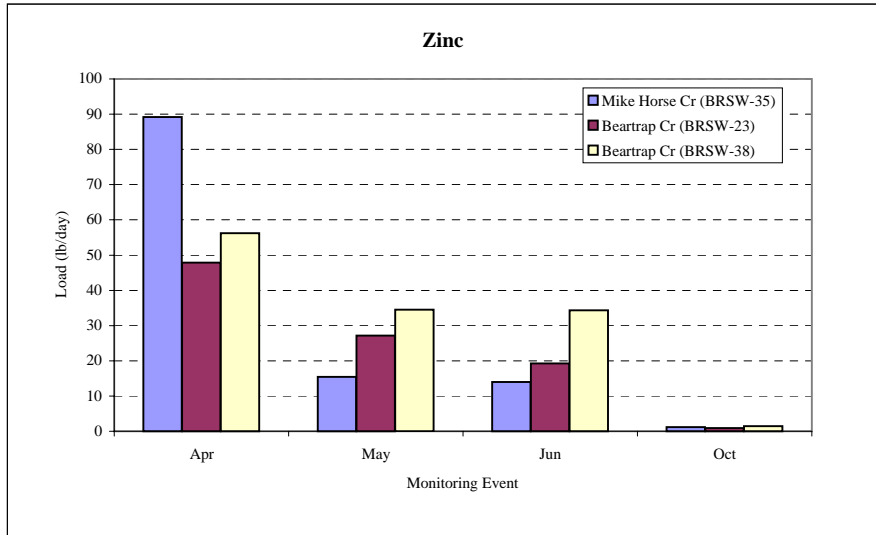
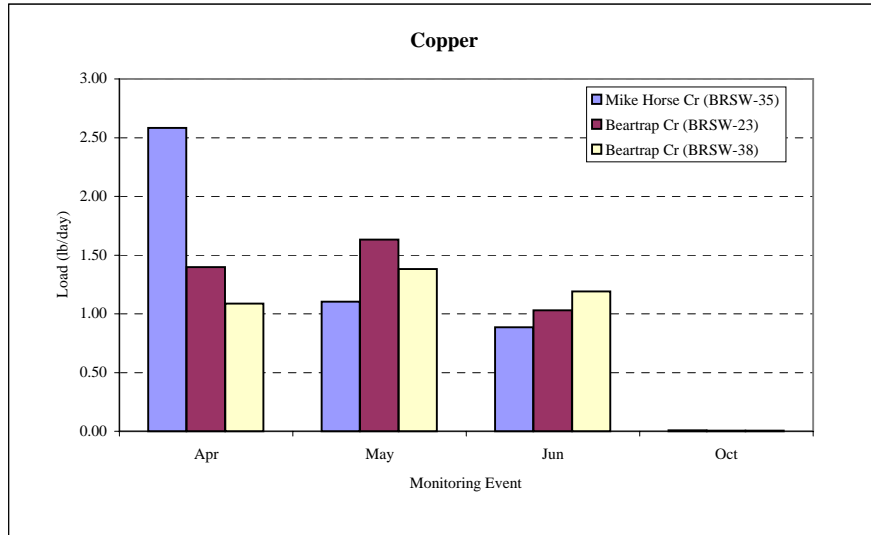
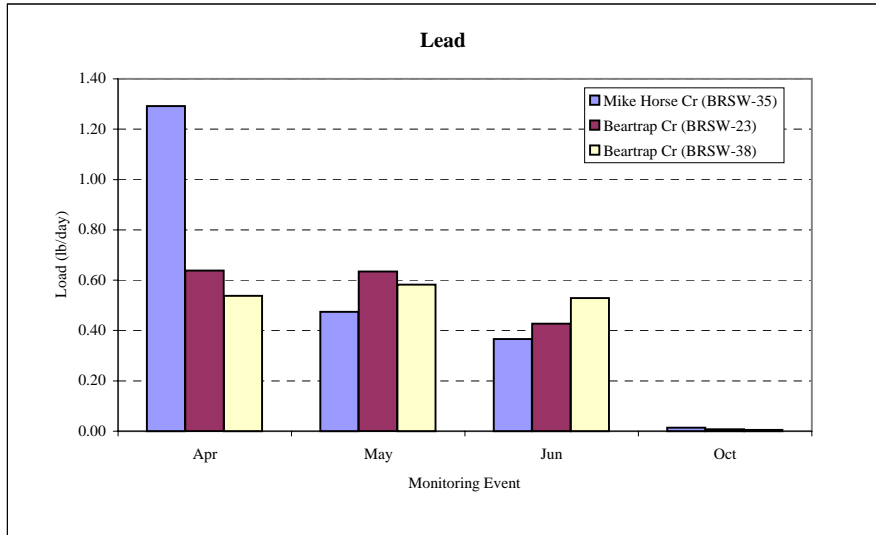
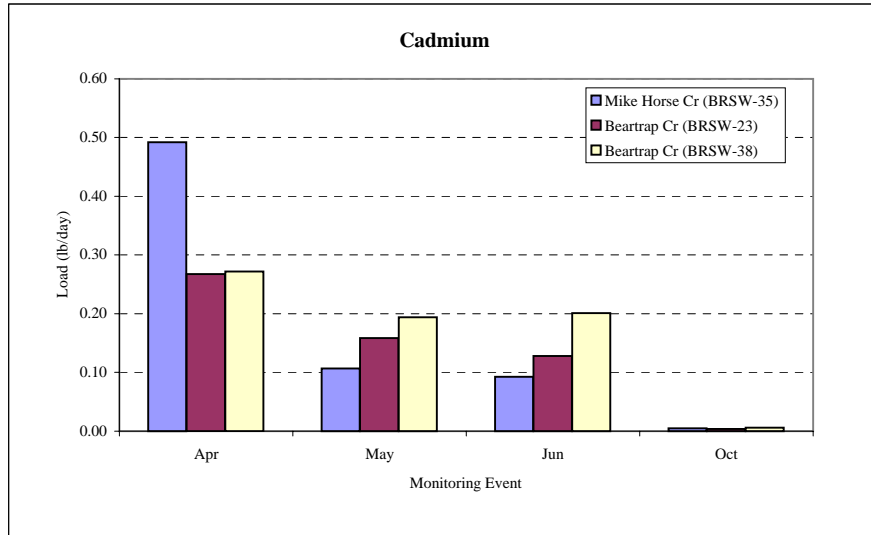
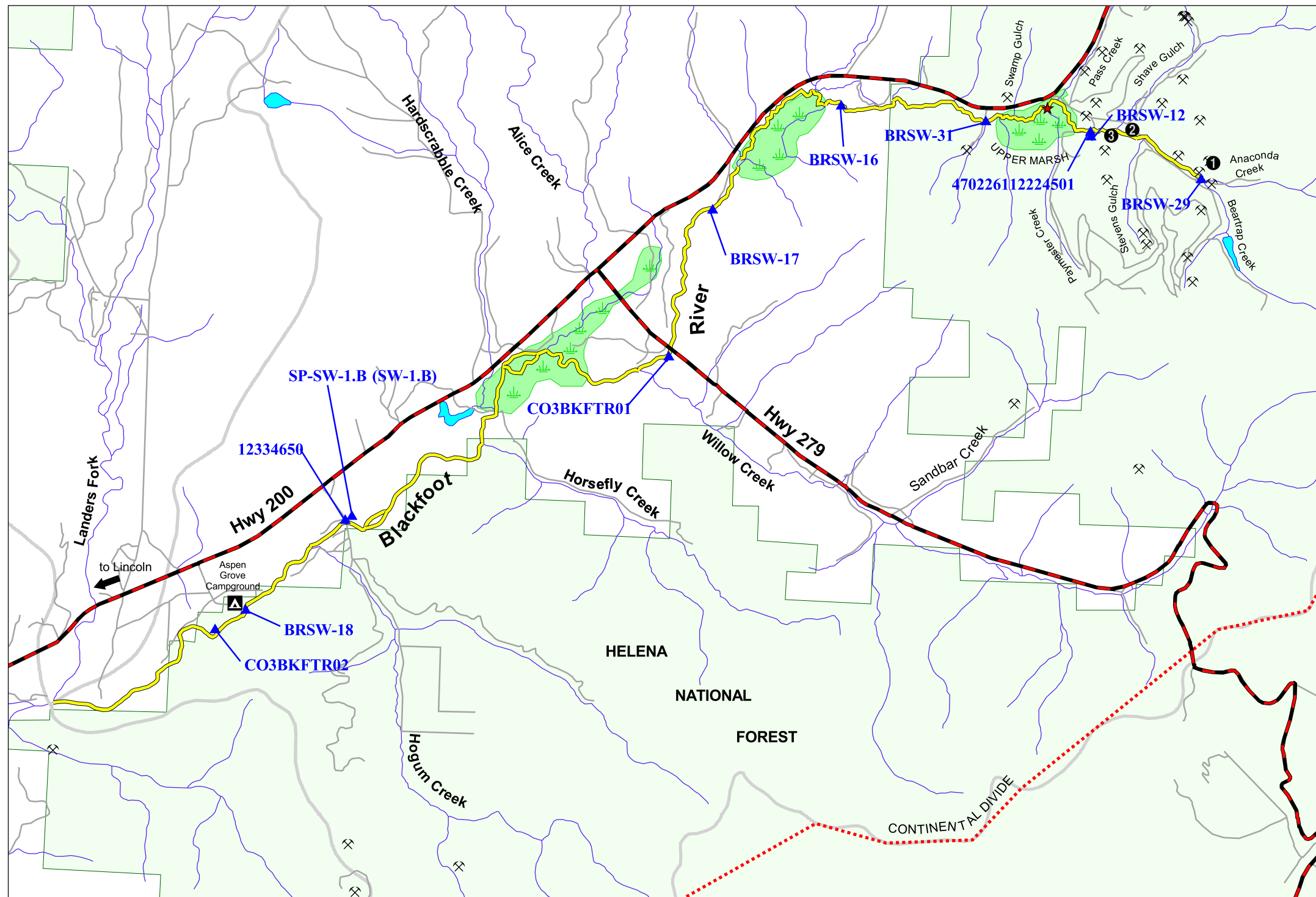


FIGURE 4-2.
2001 SEASONAL METALS LOADING TRENDS IN MIKE HORSE AND BEARTRAP CREEKS



Legend

- Sampling Location
- Listed Segment of Blackfoot River
- Major Highways
- Secondary Roads
- Marsh Area
- National Forest Land
- Abandoned Mines

Upper Blackfoot Mining Complex Loading Sources

- 1 Constructed Wetlands Water Treatment System Discharge
- 2 Concentrated Tailings Area
- 3 Dispersed Floodplain Tailings Area
- ★ Downstream Extent of UBMC

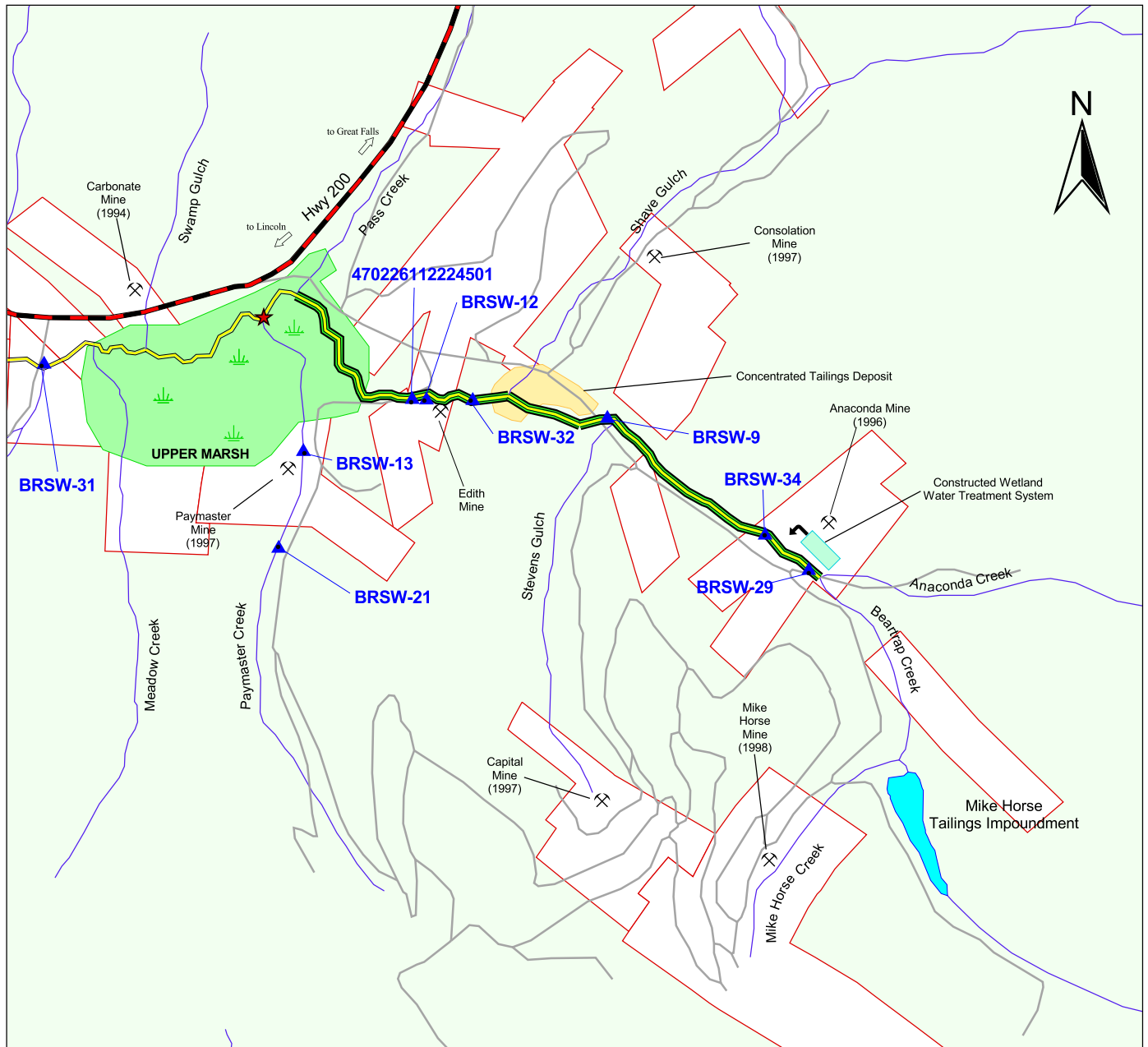
1 0 1 Miles

Source of Base: Montana Natural Resources Information System (NRIS)

Water Quality Restoration Plan for the
Blackfoot Headwaters TMDL Planning Area

Blackfoot River Drainage from Headwaters to
the Confluence with Landers Fork

FIGURE
5-1



Legend

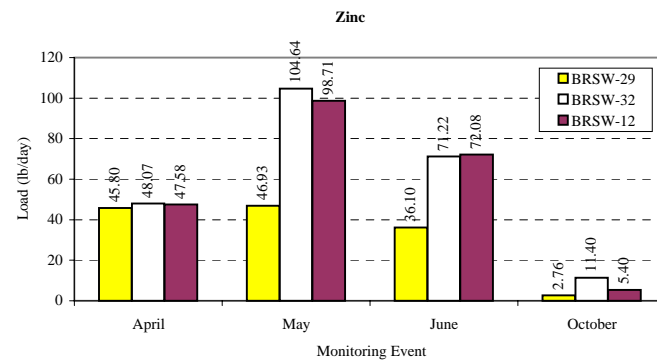
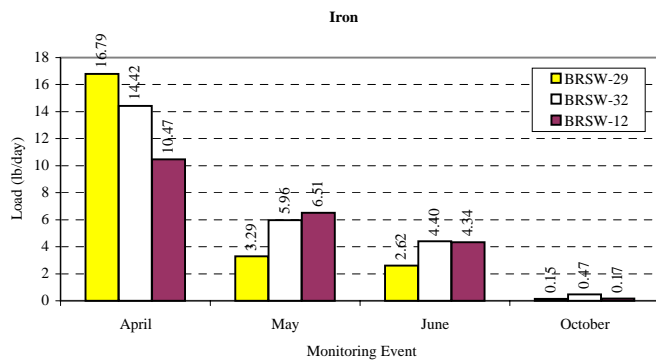
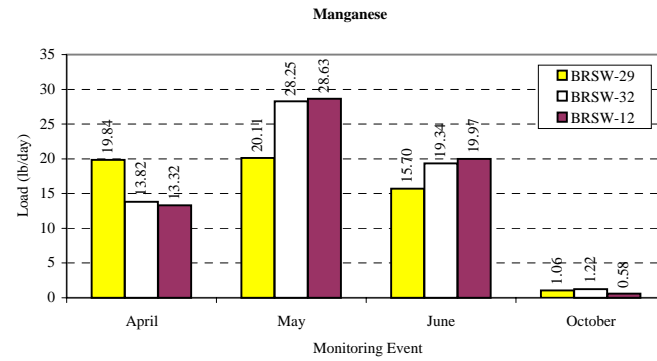
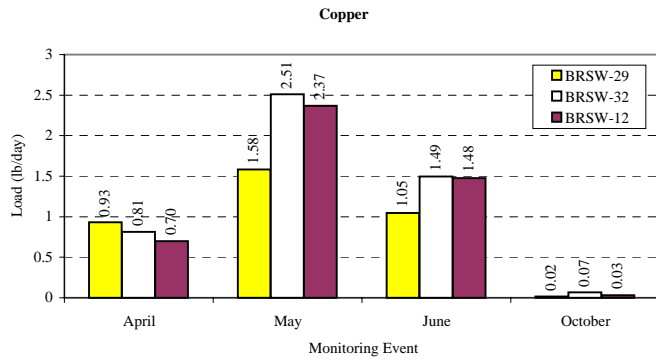
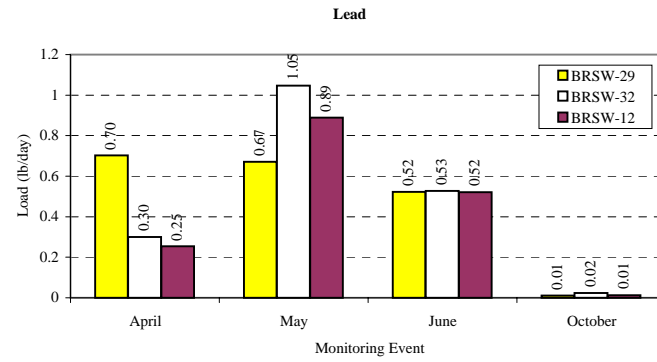
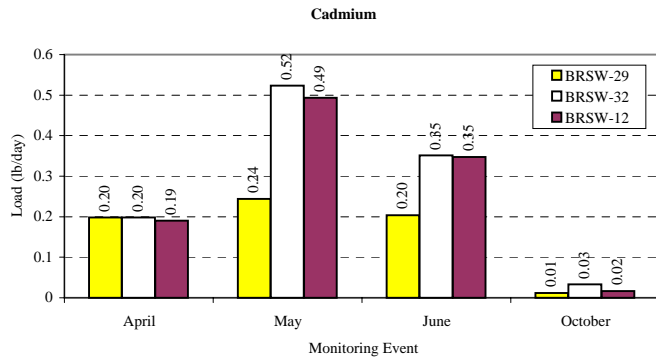
	Sampling Locations		Consolation Mine (1997)	Historic UBMC mine with year of last reclamation activities
	Listed Segment of Blackfoot River			Downstream extent of UBMC
	Portion of Blackfoot River where Temporary Standards Apply			Private Land
	Major Highways			Marsh Area
	Secondary Roads			National Forest Land



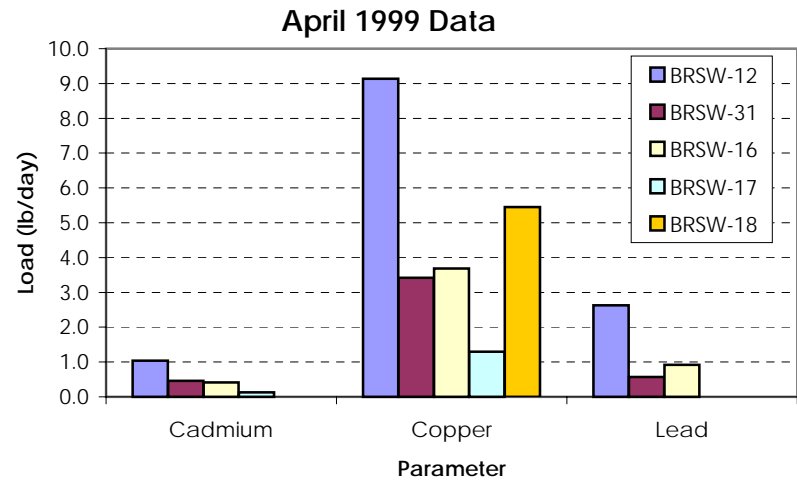
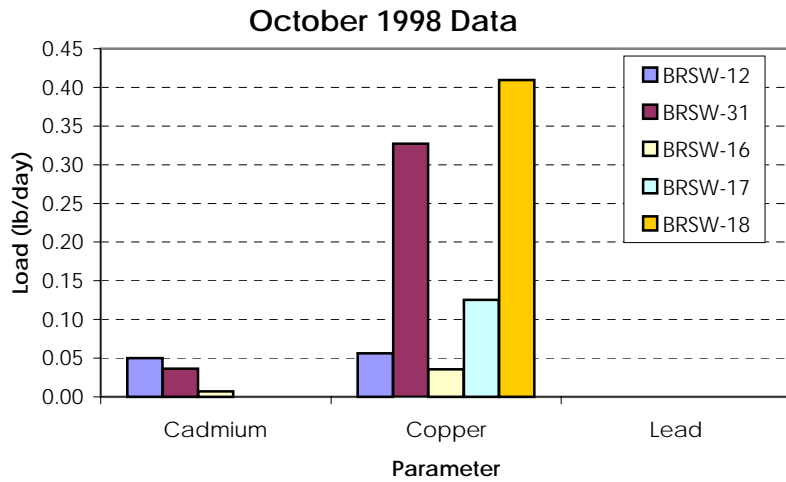
Source of Base: Montana Natural Resources Information System (NRIS)

Private inholding boundaries (obtained from Montana Cadastral Mapping Project) are approximate only, not to be used for legal purposes

<p>Water Quality Restoration Plan for the Blackfoot Headwaters TMDL Planning Area</p>	<p>Historic Mining and Water Resource Features within the Upper Blackfoot Mining Complex</p>	<p>FIGURE</p>
		<p>5-2</p>



**FIGURE 5-3
BLACKFOOT RIVER 2001 LOADING TRENDS UPSTREAM OF PASS CREEK**



NOTE: For concentrations reported as below detection limits, no load was calculated.

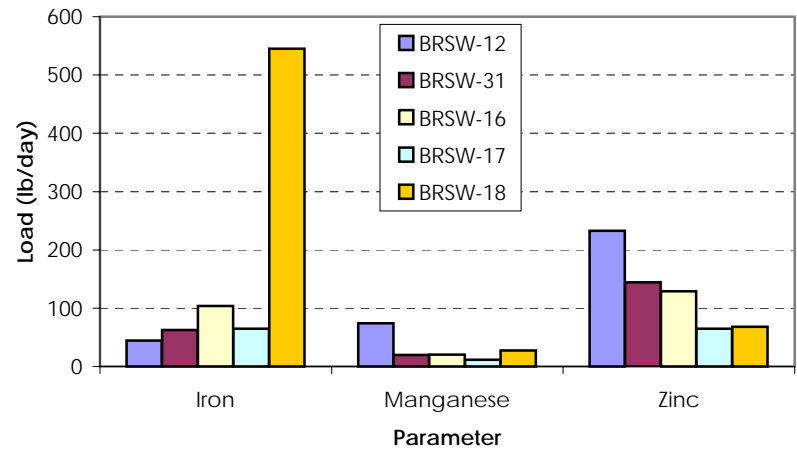
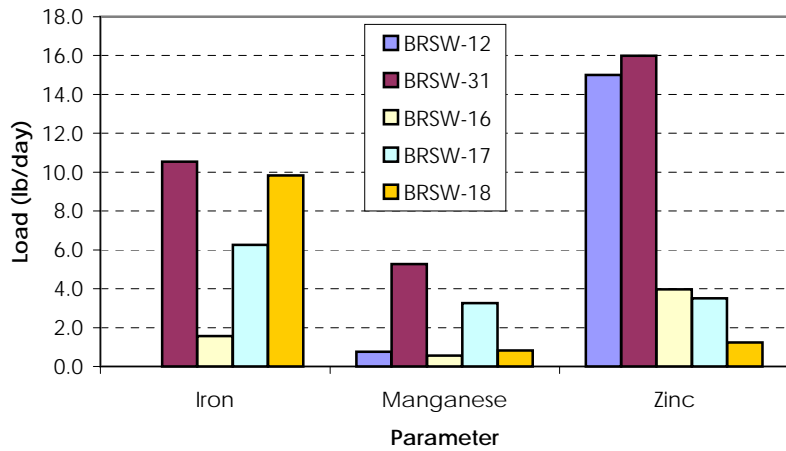


FIGURE 5-4.
BLACKFOOT RIVER LOADING TRENDS DOWNSTREAM OF PASS CREEK