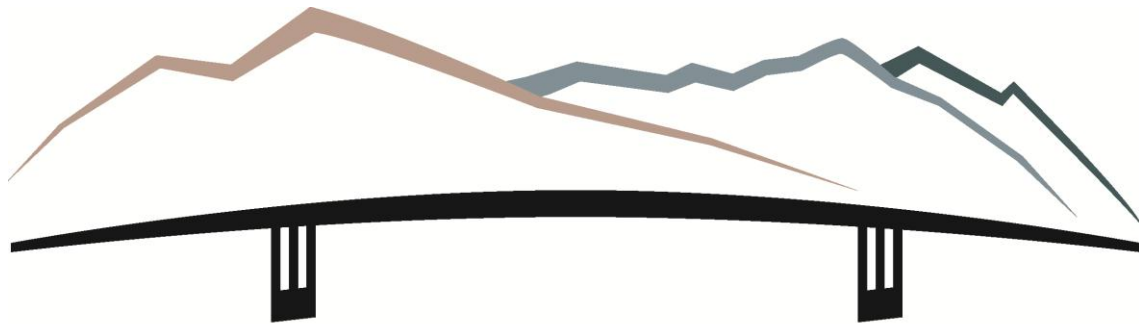




# Appendix C

Environmental Scan



# MISSOULA BRIDGES PLANNING STUDY

## ENVIRONMENTAL SCAN

PREPARED FOR:



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## 1.0 INTRODUCTION

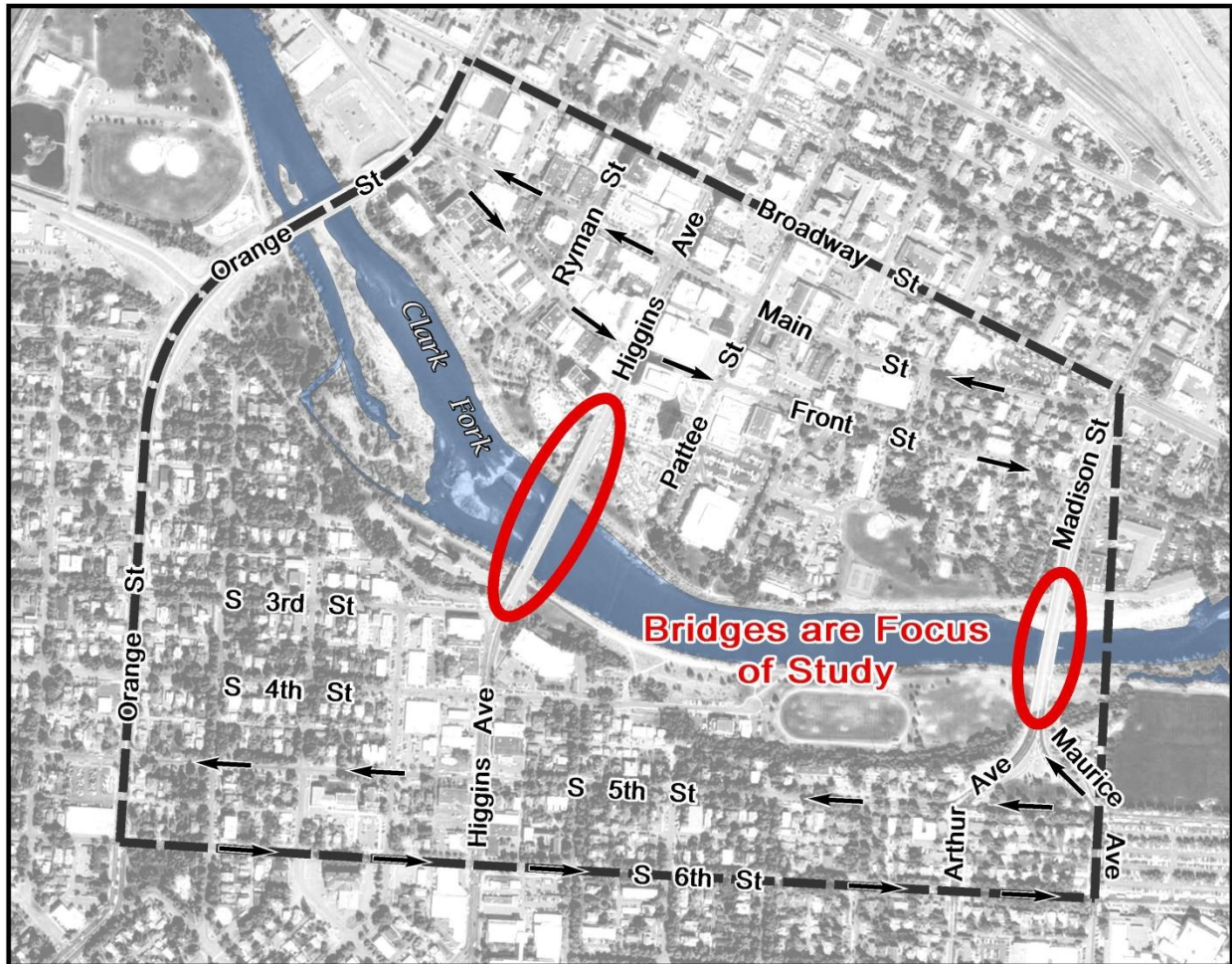
The Montana Department of Transportation (MDT) initiated the *Missoula Bridges Planning Study* to identify potential bridge improvement options for the Higgins Avenue and Madison Street Bridges. This effort is a planning-level study; it is not a design, maintenance, or construction project. Depending on need and funding availability, improvement options may be forwarded from this planning-level study and developed into projects at a later date.

This environmental scan provides a planning-level summary of physical, biological, social, and cultural characteristics to help the study team identify constraints and opportunities within the study area. The environmental scan is not intended to satisfy National Environmental Policy Act (NEPA) or Montana Environmental Policy Act (MEPA) requirements for any improvement option, although information in this report may support future NEPA/MEPA environmental documentation.


### 1.1 Study Area

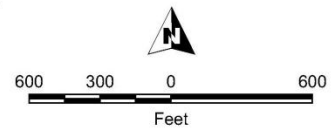
Figure 1-1 illustrates the *Missoula Bridges Planning Study* area. The study is focused on the Higgins Avenue and Madison Street Bridges. The environmental scan primarily considers the Clark Fork River corridor within the study area and areas adjacent to the Higgins Avenue and Madison Street Bridges.

**Figure 1-1 Study Area**



**Missoula Bridges Planning Study**

**LEGEND**  
 Study Area Boundary



## 2.0 PHYSICAL ENVIRONMENT

### 2.1 Soil Resources and Prime Farmland

The Farmland Protection Policy Act was established to minimize the impact of federal actions on the unnecessary and irreversible conversion of farmland to nonagricultural uses. Farmlands subject to the requirements under the act include prime farmland, unique farmland, and farmland of statewide or local importance. Prime and unique farmlands are lands designated by the U.S. Department of Agriculture – National Resources Conservation Service (NRCS). Prime farmland is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops. Unique farmland is land other than

prime farmland that is used for the production of high value food and fiber crops. Farmlands of statewide or local importance are of sufficiently high quality to warrant a designation as important at the state or local level.

The study area is within the city limits of Missoula in a primarily urban area. NRCS soil mapping (MT638) indicates there is no prime or unique farmland or farmland of statewide or local importance within the study area.

## **2.2 Geologic Resources**

Montana Bureau of Mines and Geology maps indicate the study area is primarily composed of alluvium (gravel, sand, and silt) of older and active stream channels and floodplains. Geological classifications are illustrated in Figure 2-1.

## **2.3 Surface Waters**

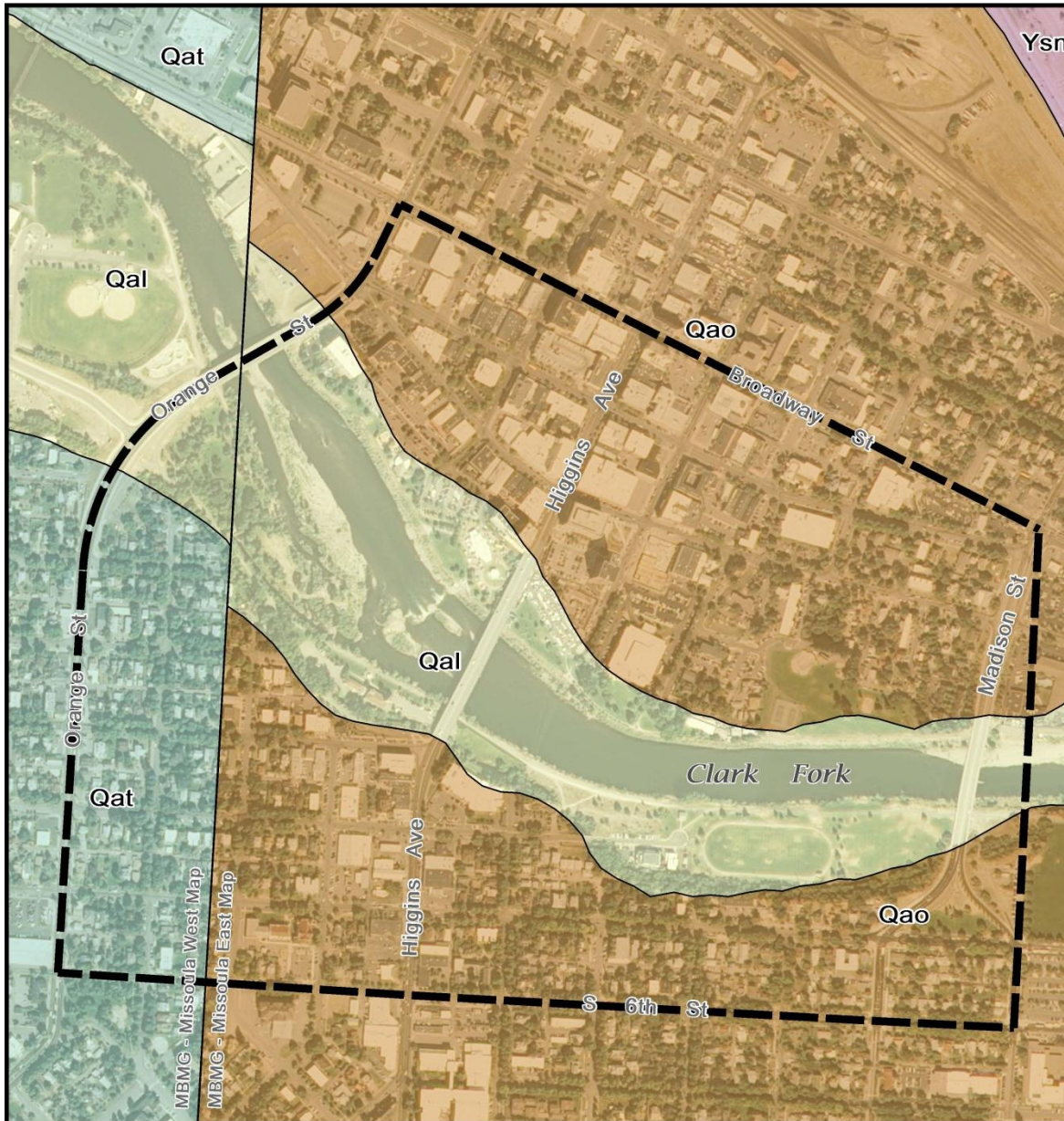
U.S. Geological Survey topographic maps indicate two surface waters in the study area, which were verified during a March 21, 2013 field review. The Higgins Avenue and Madison Street Bridges both cross the Clark Fork River, the major water body within the study area. The Missoula Irrigation Ditch parallels the Clark Fork River to the south before veering southwest. Figure 2-2 illustrates the surface waters within the study area.

Section 303(d) of the Clean Water Act requires the state to develop a list of impaired water bodies that do not meet water quality standards. According to the 2012 Water Quality Information Summary from the Montana Department of Environmental Quality (DEQ), the Clark Fork River is an impaired water body under Section 303(d). Causes of impairment include arsenic, cadmium, chlorophyll-a, copper, nitrogen, organic enrichment biological indicators (sewage), and phosphorus. Probable sources of these pollutants include mill tailings, industrial point source discharge, and municipal point source discharge. DEQ Total Daily Maximum Load (TMDL) standards for the Clark Fork River have been completed for chlorophyll-a, nitrogen, organic enrichment biological indicators, and phosphorous. DEQ TMDL standards and potential impacts to water quality would need to be considered if improvement options are forwarded from this study.

The Clark Fork River is a 'Water of the U.S.' and falls within the jurisdiction of the U.S. Army Corps of Engineers (USACE) under Section 404 of the Clean Water Act. It is not a navigable waterway under Section 9 or Section 10 of the Rivers and Harbors Act; however, it is considered a navigable waterway by the state from Deer Lodge, Montana to the Idaho state line. Jurisdiction of the Missoula Irrigation Ditch has not been determined.

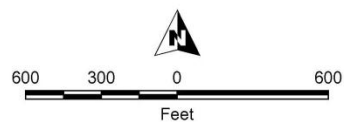
The study area is also located within the Missoula Municipal Separate Storm Sewer System (MS4). Under the Small MS4 General Permit, Missoula is required to regulate the discharge of potential pollutants in storm water runoff within their storm sewer system and develop, implement, and enforce a Storm Water Management Program (SWMP). MDT is also a Small MS4 General Permit holder and is currently revising their SWMP to include information specific to the Missoula MS4.

**Figure 2-1 Geologic Map**



**Geologic Map**

- LEGEND**
- MBMG CODE - Missoula West**
- Qal - Alluvium of Alluvial Terrace Deposits
  - Qat - Alluvium of Modern Channels and Flood Plains
- MBMG CODE - Missoula East**
- Qal - Alluvium of Modern Channels and Flood Plains
  - Qao - Older Alluvium of Tributaries
  - Ysn - Snowslip Formation
  - Study Area Boundary

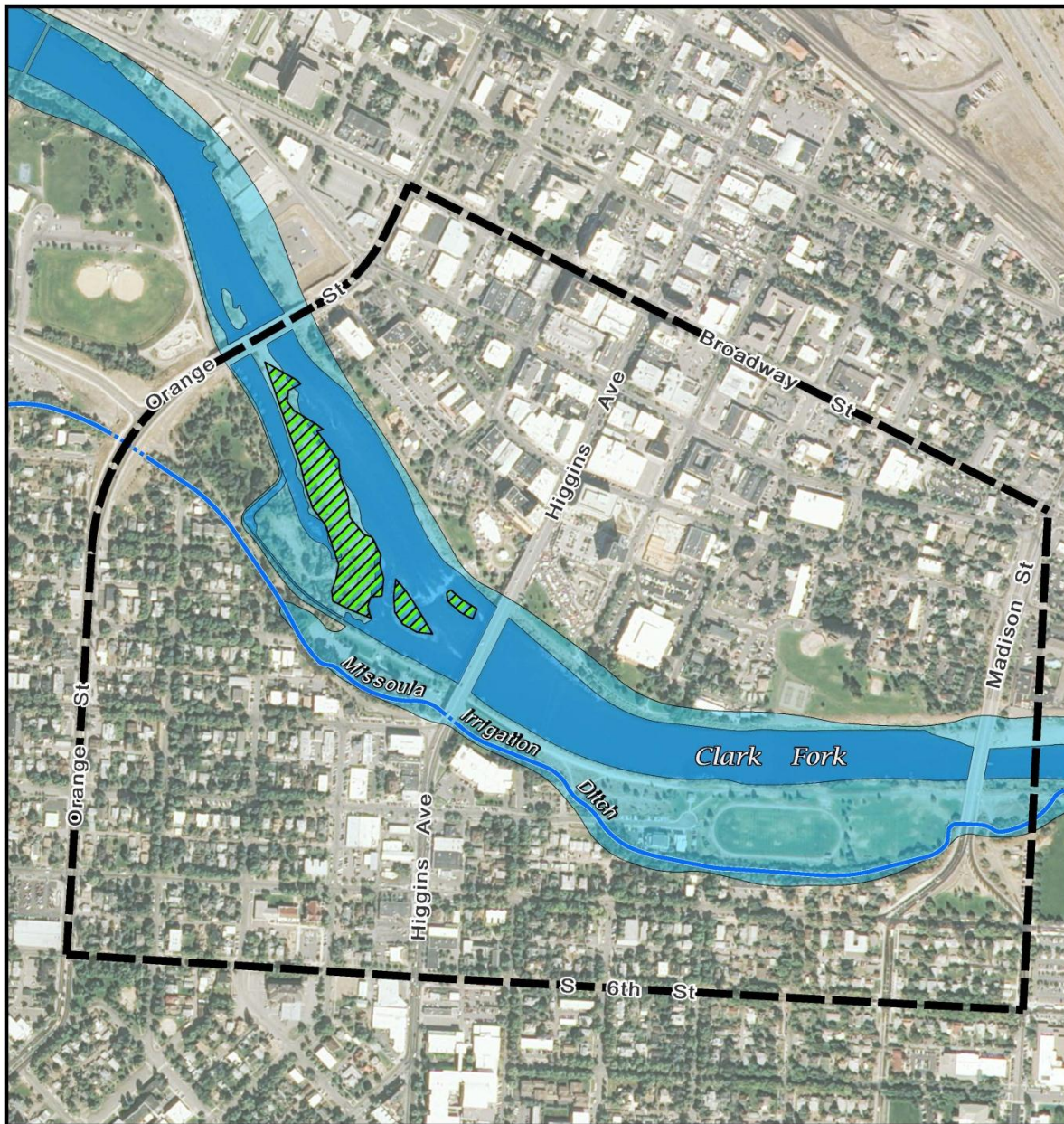


Source: Geologic Map of the Montana Part of the Missoula West 30' x 60' quadrangle, Lewis, 1998, MBMG: Open File Report 373.  
Geologic Map of the Missoula East 30' x 60' quadrangle, Lonn and others, 2010, MBMG: Open File Report 593.

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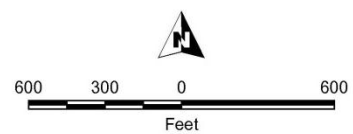
**Figure 2-2 Surface Waters, Wetlands, and Floodplain in the Study Area**



**Surface Waters, Wetlands, and Floodplain**

**LEGEND**

-  Clark Fork
-  FIRM 100-Year Flood Boundary
-  NWI - Freshwater Forested/Shrub Wetlands
-  Missoula Irrigation Ditch
-  Study Area Boundary



Source: FEMA FIRM MAP 30063C14800  
USFWS NWI Wetland Mapper, Date 2013  
Montana NRIS Digital Atlas

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Coordination with federal, state, and local agencies would be necessary to determine appropriate permits if improvement options are forwarded from this study. Any work within Waters of the U.S. and state navigable and surface waters would require a Clean Water Act Section 404 permit (USACE), water quality certification under Clean Water Act Section 401 (DEQ), a Montana Land Use Easement (Montana Department of Natural Resources and Conservation [DNRC]), a Montana Stream Protection Act permit (Montana Fish, Wildlife & Parks [FWP]), and a 318 temporary turbidity permit (DEQ). In addition, forwarded improvement options may trigger the need to obtain coverage under the Montana Pollutant Discharge Elimination System (MPDES) General Permit for Storm Water Discharges Associated with Construction Activity and comply with the requirements outlined in MDT's SWMP.

## **2.4 Wetlands**

The USACE defines wetlands as those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

National Wetland Inventory (NWI) mapping for the study area indicates freshwater forested/shrub wetlands may be present just west of the Higgins Avenue Bridge. Figure 2-2 shows the locations of these potential wetlands. No additional wetlands were noted during a field visit on March 21, 2013, due primarily to the steep, rocky banks along both sides of the Clark Fork River within the study area. NWI maps are based on aerial and satellite imagery and have not been field verified. Future wetland delineations would be required during NEPA/MEPA environmental analysis if bridge improvements include work within the Clark Fork River or other Waters of the U.S. Unavoidable impacts to wetlands must be compensated through mitigation in accordance with the USACE regulatory requirements. Work within Waters of the U.S., including jurisdictional wetlands, would require a Clean Water Act 404 permit (USACE).

## **2.5 Floodplains**

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps for Missoula (FEMA 2013) indicate a portion of the study area is within the 100-year floodplain of the Clark Fork River. The Higgins Avenue and Madison Street Bridges are both located within this floodplain (Figure 2-2). The City of Missoula is currently in the process of adopting updated floodplain boundaries within the study area.

Executive Order 11988 requires federal agencies to avoid long- and short-term adverse impacts associated with the occupancy and modification of floodplains, to the extent possible, and to avoid direct and indirect support of floodplain development wherever there is a practicable alternative. Under 23 CFR 650 Part A, federally-funded highway projects must be assessed to determine flood risk, the extent of floodplain encroachment, and negative impacts on base

flood elevations and natural and beneficial floodplain values. The City of Missoula Floodplain Administrator is responsible for administering the floodplain management requirements in Missoula. If improvement options are forwarded from this study, impacts to floodplains would need to be identified and evaluated. Project development would require coordination with the City of Missoula to minimize floodplain impacts and obtain necessary floodplain permits.

## **2.6 Groundwater Resources**

The Missoula Aquifer is a shallow, unconfined aquifer extending from the Clark Fork River at Hellgate Canyon to the Bitterroot River. The saturated portion of the aquifer averages eighty feet in thickness, and the depth below the surface to water (static water level) varies from ten to forty feet. According to the Groundwater Information Center at the Montana Bureau of Mines and Geology, public water supply well depths within the study area range from 130 to 200 feet, with static water levels between 30 and 55 feet. Figure 2-3 illustrates the locations of public water supply wells in the study area.

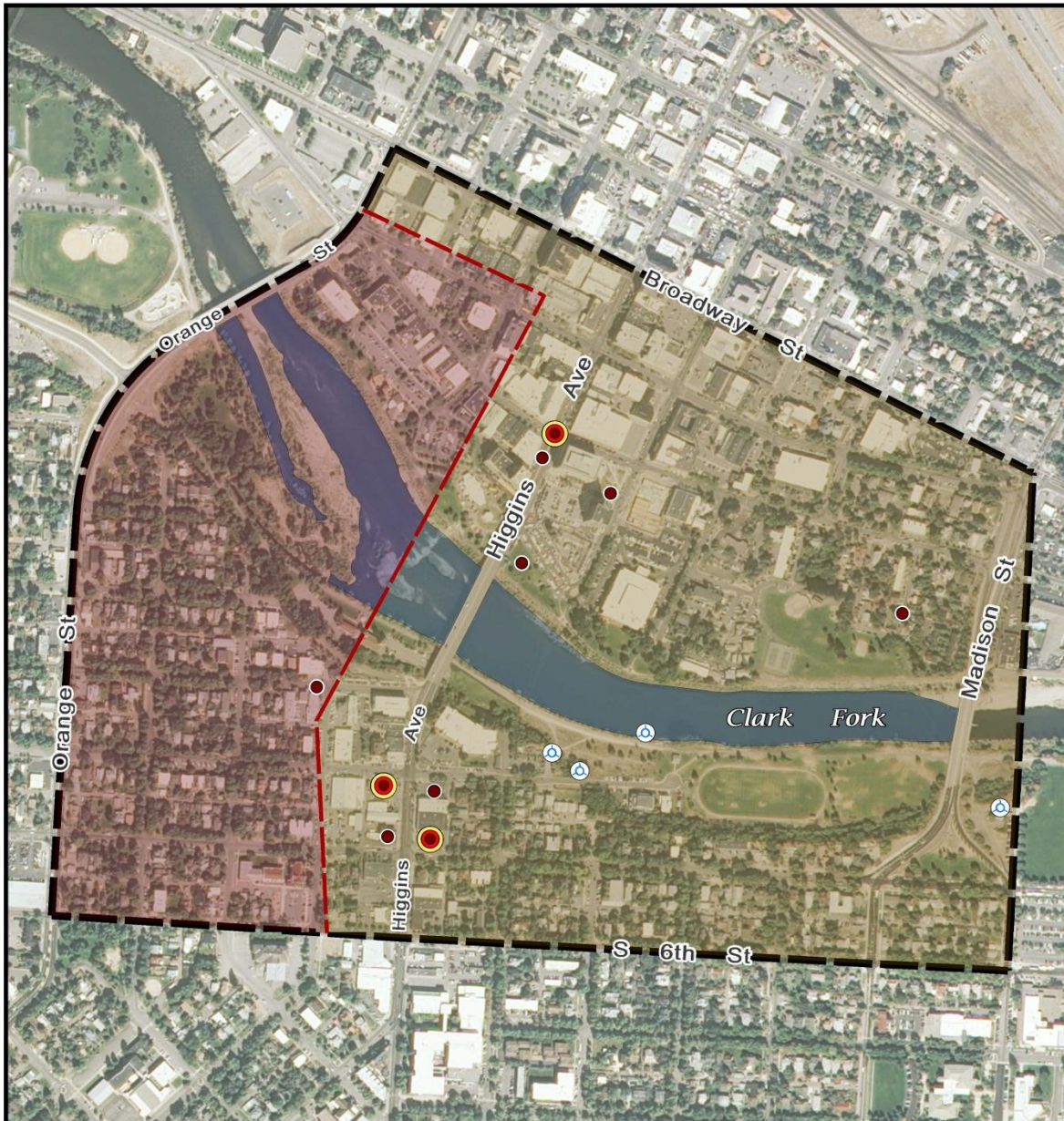
The U.S. Environmental Protection Agency (EPA) defines a sole or principal source aquifer as an aquifer that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. These areas may have no alternative drinking water source(s) that could physically, legally, and economically supply those who depend on the aquifer, and, if contaminated, would create a significant hazard to public health. These designated sole or principal source aquifers are referred to as Sole Source Aquifers. The Missoula Aquifer is the sole or principal source of drinking water in the Missoula area and was designated as a Sole Source Aquifer by the EPA in 1988.

The Sole Source Aquifer Program is authorized by Section 1424(e) of the Safe Drinking Water Act of 1974. It protects an area's ground water resources by requiring the EPA to review proposed projects within the designated area. In addition, the 1994 Missoula Aquifer Protection Ordinance, administered by the Missoula Valley Water Quality District, includes provisions to protect the Missoula Aquifer. Any improvement options forwarded from this study must meet the provisions found in the Aquifer Protection Ordinance, and would be subject to EPA review if federally funded.

## **2.7 Hazardous Materials**

DEQ and Montana Natural Resources Information System (NRIS) records indicate underground storage tanks (UST), leaking underground storage tanks (LUST), petroleum release sites, and mining districts are located within the vicinity of the bridges (Figure 2-3). If improvement options are forwarded from this study, further evaluation may be needed at specific sites to determine the potential for encountering contaminated soils or groundwater during construction. If contaminated soils or groundwater is encountered during construction, handling and disposing of the contaminated material would be conducted in accordance with applicable federal, state, and local laws and regulations.

**Figure 2-3 Hazardous Materials and Public Water Supplies**



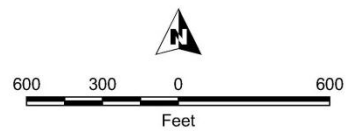
**Hazardous Materials and Public Water Supplies**

**LEGEND**

- Underground Storage Tanks
- Leaking Underground Storage Tanks
- Petroleum Release Compensation Sites
- ⊕ Public Water Supplies

**Mining Districts**

- ▨ Petty Creek
- ▨ Woodman
- ▬ Study Area Boundary



Source: Hazmat Environmental Data obtained from: Montana NRIS, DEQ Remediation Division Data, Updated 9/28/2011 (website date). Data Accuracy and Location has not been verified by DOWL HKM.

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## **2.8 Air Quality**

The Clean Air Act (CAA) of 1970 and associated amendments in 1977 and 1990 require the EPA to develop and enforce regulations to protect air quality and reduce air pollution. The EPA has established National Ambient Air Quality Standards (NAAQS) for six criteria pollutants, including carbon monoxide, nitrogen dioxide, ozone, particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>), sulfur dioxide, and lead. EPA designates areas that do not meet the NAAQS as non-attainment and classifies them according to their degree of severity. States that fail to attain the NAAQS for any of the criteria pollutants are required to submit State Implementation Plans that outline actions to improve air quality and achieve compliance with the NAAQS.

The Missoula urban area was designated as non-attainment for PM<sub>10</sub> in 1991. The study area is located within the PM<sub>10</sub> non-attainment area. Missoula was also designated as a non-attainment area for carbon monoxide (CO) in 1991. It was redesignated as a CO maintenance area in August 2007. Any improvement options forwarded from this study would need to demonstrate compliance with federal and state requirements.

## **3.0 BIOLOGICAL RESOURCES**

### **3.1 Biological Community**

The study area is located within the intermountain grassland ecosystem at an elevation of 3,209 feet above mean sea level. The landscape within the study area has been largely altered, with the majority of native vegetation replaced with hard surfaces or urban landscaping. Native vegetation is primarily found along the Clark Fork River corridor and includes cottonwood, willow, woods rose, mountain alder, and water birch.

The Montana Natural Heritage Program (MNHP) database indicates a number of mammals, birds, amphibians, and reptiles have been observed within the study area vicinity. Mammals include beaver, bobcat, mule deer, raccoon, striped skunk, badger, mountain cottontail, and porcupine. Birds include the Canada goose, American crow, American kestrel, bald eagle, cliff swallow, blue-winged teal, mallard duck, and American goldfinch. Amphibians and reptiles include Columbia spotted frog, long-toed salamander, Rocky Mountain tailed frog, common gartersnake, gopher snake, and prairie rattlesnake.

The Migratory Bird Treaty Act (MBTA) implements various treaties and conventions between the United States and Canada, Japan, Mexico, and Russia for the protection of migratory birds. Pursuing, taking, hunting, capturing, killing, transporting, selling, bartering, or possessing any migratory bird, part, nest, egg, or product (manufactured or not) is unlawful under the MBTA (16 USC 703–712). Disturbance of an occupied nest (with eggs or birds) is also prohibited.

Several bird species found in the area are protected under the MBTA. Cliff swallow nests have been observed under the Madison Street Bridge. Cliff swallows may also nest under the Higgins Avenue Bridge. Osprey have been observed outside of the study area in the McCormick Park

Ball Field just west of the Orange Street Bridge (USFWS 2013b). Restrictions on construction activities potentially affecting occupied nests during the May 1<sup>st</sup> to August 15<sup>th</sup> breeding period would need to be considered if improvement options are forwarded from this study. This may include restrictions on vegetation removal and structure modification.

### 3.2 Aquatic Resources

According to the FWP Fisheries Information System (MFISH) database, a number of fish species occur within the Clark Fork River from river mile 214.0 to 216.0 (Table 3.1).

**Table 3.1 Aquatic Resources within the Study Area**

Common Name	Scientific Name	Abundance
Brook trout	<i>Salvelinus fontinalis</i>	Rare
Brown trout	<i>Salmo trutta</i>	Rare
Bull trout	<i>Salvelinus confluentus</i>	Rare
Lake trout	<i>Salvelinus namaycush</i>	Rare
Largemouth bass	<i>Micropterus salmoides</i>	Rare
Largescale sucker	<i>Catostomus macrocheilus</i>	Abundant
Longnose dace	<i>Rhinichthys cataractae</i>	Common
Longnose sucker	<i>Catostomus catostomus</i>	Abundant
Mountain whitefish	<i>Prosopium williamsoni</i>	Common
Northern pike	<i>Esox lucius</i>	Rare
Pumpkinseed	<i>Lepomis gibbosus</i>	Rare
Rainbow trout	<i>Oncorhynchus mykiss</i>	Common
Rocky Mountain sculpin	<i>Cottus bondi</i>	Unknown
Westslope cutthroat trout	<i>Oncorhynchus clarkia lewisi</i>	Rare
Yellow perch	<i>Perca flavescens</i>	Rare

Source: FWP MFISH database, 2013.

Effects on aquatic resources would need to be considered if improvement options are forwarded from this study.

### 3.3 Threatened and Endangered Species

The Endangered Species Act (ESA) was enacted to protect and recover imperiled species and the habitats on which they depend. The term endangered indicates a species in danger of extinction throughout a significant portion of its range. Threatened indicates a species likely to become endangered within the foreseeable future. Proposed and candidate species are species facing threats that may be added to the threatened and endangered list in the future. The U.S. Fish and Wildlife Service (USFWS) administers the ESA in Montana. Table 3.2 presents the USFWS list of species for Missoula County and their habitat requirements.

**Table 3.2 USFWS Listed Threatened and Endangered Species in Missoula County**

Name	Status	Habitat Requirements
Bull trout ( <i>Salvelinus confluentus</i> )	T	Found within the Clark Fork and Flathead drainages of western Montana. Prefer clean, cool water with very low sediment levels. The Clark Fork River is designated as critical habitat for bull trout.
Canada lynx ( <i>Lynx canadensis</i> )	T	Prefer scattered moist boreal forest; cold, snowy winters; and a high-density snowshoe hare prey base in a matrix of other habitats (e.g., hardwoods, dry forest, non-forest) with low hare densities. Incorporate the matrix habitat (non-boreal forest habitat elements) into their home ranges and use it for traveling between patches of boreal forest that support high hare densities. Portions of Missoula County east and northeast of Missoula have been designated as critical habitat for the Canada lynx. These designated areas are located outside of the study area. Habitat for this species does not occur in the study area.
Grizzly bear ( <i>Ursus arctos horribilis</i> )	T	Primarily use meadows, seeps, riparian zones, mixed shrub fields, closed timber, open timber, sidehill parks, snow chutes, and alpine slabrock habitats. Habitat use is highly variable between areas, seasons, local populations, and individuals. Portions of the upper Rattlesnake watershed are considered grizzly bear habitat.
North American wolverine ( <i>Gulo gulo luscus</i> )	PT	Inhabit habitats with near-arctic conditions wherever they occur. In the contiguous United States, habitat is restricted to high-elevation areas in the West. Dependent on deep persistent snow cover for successful denning, and concentrate their year-round activities in areas that maintain deep snow into spring and cool temperatures throughout summer. Habitat for this species does not exist in the study area.
Water howellia ( <i>Howellia aquatilis</i> )	T	Areas that were once associated with glacial potholes and former river oxbows that flood in the spring, but usually dry at least partially by late summer. Often found in shallow water (1-2 meters) and on the edges of deep ponds that are partially surrounded by deciduous trees. Known occurrences in Missoula County are all within the Swan River drainage, which is located outside the study area.
Whitebark pine ( <i>Pinus albicaulis</i> )	C	Subalpine and krummholtz habitats in most mountain ranges. Habitat for this species does not occur in the study area.
Yellow-billed cuckoo ( <i>Coccyzus americanus</i> )	C	Large blocks (ideally 25 acres or more) of dense riparian woodlands (cottonwood and willow). The amount of habitat required for this species does not occur in the study area.

C = Candidate, E = Endangered, T = Threatened, PT = Proposed Threatened

Source: USFWS list of endangered, threatened, proposed, and candidate species for Missoula County, 2013.

Based on habitat requirements, the listed species most likely to occur within the study area is bull trout. MNHP data shows recent observations of yellow-billed cuckoo outside of the study area on Beckwith Street, Myrtle Street, and Tower Street (USFWS 2013b). The yellow-billed cuckoo may use cottonwood/willow habitat along the Clark Fork River within the study area as it migrates to more suitable breeding habitat; however, it is not likely to stay in the study area. Coordination with USFWS and an evaluation of potential impacts to all endangered, threatened, proposed, or candidate species would need to be completed during the project development process for any improvement options forwarded from this study.

### 3.4 Species of Concern

Montana species of concern are native species that are considered to be at risk due to declining population, threats to habitat, and/or restricted distribution. Designation as a Montana species of concern is not a statutory or regulatory classification. These designations are meant to provide a basis for resource managers and decision makers to direct resources to priority data collection needs and address conservation needs. Species are assigned a state rank ranging from S1 (greatest concern) to S5 (least concern). State ranks may be followed by modifiers, such as B (breeding), N (non-breeding), or M (migratory).

Table 3.3 lists the species of concern documented by the MNHP within the study area and study area vicinity (Township 13 North, Range 19 West, Sections 21 and 22 in Missoula County) as of March 26, 2013. These species occur, or have the potential to occur in the study area. Species previously listed in Section 6.2 are not repeated in Table 3.3.

**Table 3.3 Species of Concern in the Study Area Vicinity**

Group Name	Common Name	Scientific Name	State Rank
Mammals	Fringed myotis	<i>Myotis thysanodes</i>	S3
	Hoary bat	<i>Lasiurus cinereus</i>	S3
	Fisher	<i>Martes pennanti</i>	S3
Birds	Great blue heron	<i>Ardea herodias</i>	S3
	Harlequin duck	<i>Histrionicus histrionicus</i>	S2B
	Bald eagle	<i>Haliaeetus leucocephalus</i>	S4
	Flammulated owl	<i>Otus flammeolus</i>	S3B
	Pileated woodpecker	<i>Dryocopus pileatus</i>	S3
	Cassin's finch	<i>Haemorhous cassinii</i>	S3
Fish	Westslope cutthroat trout	<i>Oncorhynchus clarkia lewisi</i>	S2
	Lake trout	<i>Salvelinus namaycush</i>	S2
Reptiles	Western skink	<i>Eumeces skiltonianus</i>	S3
Invertebrates	A subterranean amphipod	<i>Stygobromus tritus</i>	S1S2
	A millipede	<i>Austrotyla montani</i>	S1S3
Plants	A lichen	<i>Arctoparmelia subcentrifuga</i>	S1
	Obscure evening-primrose	<i>Camissonia andina</i>	S2
	Missoula phlox	<i>Phlox kelseyi</i> var. <i>missoulensis</i>	S2S3

Source: MNHP, 2013.



An evaluation of potential impacts to all species of concern would need to be completed during the project development process if improvement options are forwarded from this study.

### **3.5 Noxious Weeds**

According to the Missoula County Weed District (MCWD), four noxious weeds are prevalent in the study area, including Dalmatian toadflax, leafy spurge, spotted knapweed, and sulfur cinquefoil. Other widespread infestations of noxious weeds known to occur in Missoula County, that may or may not occur within the study area, include Canada thistle, common tansy, field bindweed, hoary alyssum, hounds tongue, oxeye daisy, St. Johnwort, tall buttercup, and yellow toadflax. Smaller infestations of noxious weeds in the county include blueweed, diffuse knapweed, Dyer's woad, knotweed complex, meadow hawkweed, orange hawkweed, perennial pepperweed, purple loosestrife, Russian knapweed, tamarisk, whitetop, and yellowflag iris. The University of Montana Invaders Database system lists several other exotic plants identified in Missoula County, including caragana, common bugloss, cypress spurge, damesrocket, downy brome, Japanese knotweed, jointed goatgrass, myrtle spurge, and spotted cats ear.

Noxious weeds compete with native plants, reduce native habitat for animals, choke streams, reduce valuable forage lands, degrade agricultural and recreational lands, and create fire hazards. Any improvement options forwarded from this study would need to follow federal, state, and local noxious weed laws and regulations during construction. Coordination with the Missoula County Weed District would need to be conducted during project development to minimize noxious weed impacts.

## **4.0 SOCIAL AND CULTURAL RESOURCES**

### **4.1 Demographic and Economic Conditions**

Under NEPA/MEPA and associated implementing regulations, state and federal agencies are required to assess potential social and economic impacts resulting from proposed actions. Title VI of the Civil Rights Act of 1964 and related statutes ensure that individuals are not excluded from participation in, denied the benefits of, or subjected to discrimination under any program or activity receiving federal financial assistance on the basis of race, color, national origin, age, sex, and disability. Executive Order 12898, *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*, directs that federal programs, policies, and activities may not have disproportionately high and adverse human health and environmental effects on minority and low-income populations. FHWA guidelines recommend consideration of impacts to neighborhoods and community cohesion, social groups including minority populations, and local and/or regional economies, as well as growth and development that may be induced by transportation improvements.

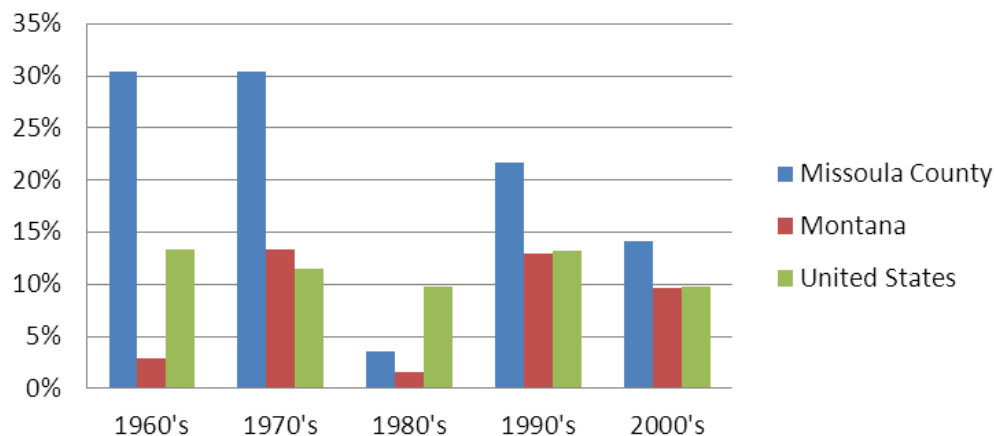
Demographic and economic information presented in this section is intended to assist in identifying human populations that might be affected by bridge improvements within the study area. Future analyses and documentation would need to address potential impacts related to Title VI and Executive Order 12898 if improvements options are carried forward from this study.

Although not always directly connected, regional economic growth and population growth often correlate with growth in traffic volumes. Demographic and economic growth trends provide a context for understanding changes in traffic volumes over time.

#### 4.1.1 Population and Growth

According to the 2010 Census, Missoula County was the second most populous county in Montana with 109,299 residents. For the last half century, population growth in the county has continued to outpace both the nation and the state. While the county's rate of growth decreased from the levels seen in the 1960s and 1970s, growth in the 1990s and 2000s was substantially above the national and state growth rates (Figure 4-1).

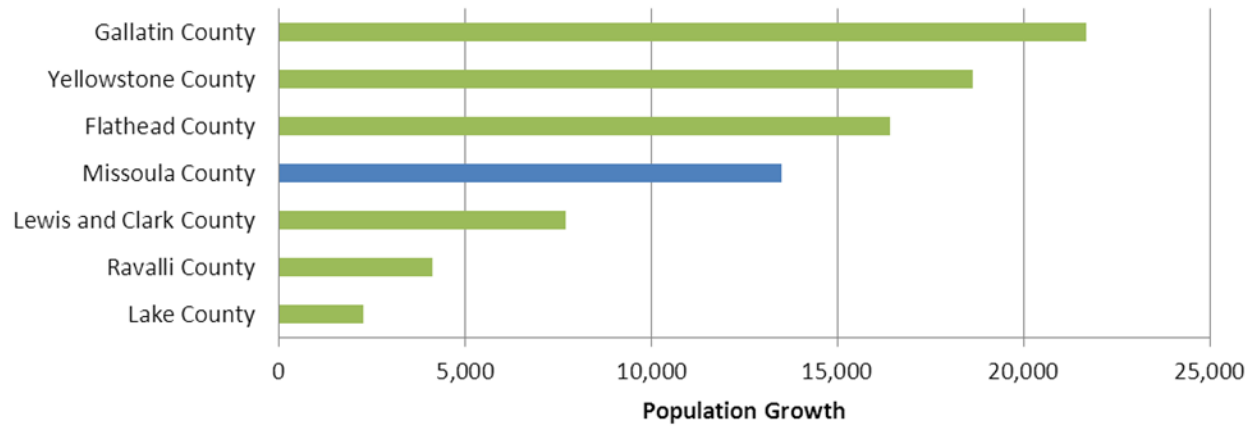
**Figure 4-1 Population Growth (1960-2010)**



Source: U.S. Census Bureau, 2010.

Between 2000 and 2010, half of the counties in Montana lost population and half gained population. Seven counties added more than 2000 residents (Figure 4-2). Missoula County experienced the fourth largest growth in the state by population, adding 13,496 people.

**Figure 4-2 Population Growth (2000-2010)**



Source: U.S. Census Bureau, 2010.

High population growth in Missoula County is expected to continue, with a projected population above 140,000 by 2030 (Montana Department of Commerce, 2012).

Table 4.1 presents Census tract growth rates between 1990 and 2010 within Missoula and the surrounding area (refer to Figure 4-3 for Census tract locations). Urban and rural populations continue to grow, although the rate of growth has slowed from 1990-2000 levels for most Census tracts.

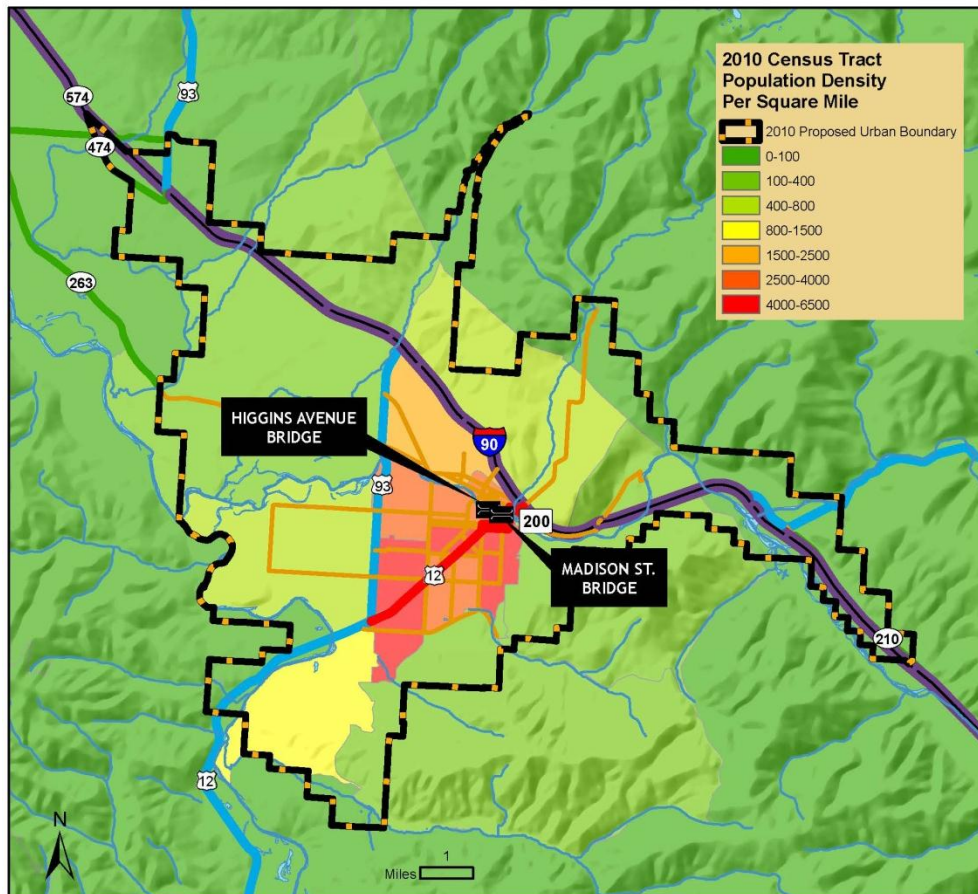
**Table 4.1 Population Distribution by Census Tracts (1990-2010)**

2000 Tracts	New 2010 Tracts	Neighborhood Description	Population			Percent Increase	
			1990	2000	2010	1990-2000	2000-2010
1		Lower Rattlesnake/North Hills/Lower Grant Creek	4,965	5,443	5,712	9.6%	4.9%
2.01		Northside/Westside	4,812	6,285	8,056	30.6%	28.2%
2.02		Airport/Wye/Mullan Road	4,040	6,215	10,739	53.8%	72.8%
3		City Center	2,238	2,083	2,022	-6.9%	-2.9%
4		East Missoula/Mount Sentinel	1,861	2,666	2,782	43.3%	4.4%
5		University of Montana/University District	6,163	6,893	7,416	11.8%	7.6%
7		Southside	2,426	2,560	2,614	5.5%	2.1%
8		N. Russell to N. Reserve/Orchard Homes	4,505	4,978	6,026	10.5%	21.1%
9	9.01	Target Range/Lolo National Forest	7,020	7,872	8,072	12.1%	2.5%
	9.02						
10		S. Russell to S. Reserve	4,248	4,526	4,972	6.5%	9.9%
11		Slant Street	2,905	2,964	2,954	2.0%	-0.3%
12		Mount to SW Higgins	4,451	4,645	4,728	4.4%	1.8%
13.01	13.03	Carline/Wapikiya/Linda Vista/Lower Miller Creek/South Hills/Mt. Dean Stone	12,657	15,893	17,829	25.6%	12.2%
	13.04						
13.02	13.02						
14		Upper Rattlesnake/Upper Grant Creek/Bonner/W. Riverside	5,040	6,239	6,750	23.8%	8.2%
<b>"Urban Area" Subtotal</b>			<b>67,331</b>	<b>79,262</b>	<b>90,672</b>	<b>17.7%</b>	<b>14.4%</b>
15		Lolo/North Bitterroot Valley	4,447	5,983	6,539	34.5%	9.3%
16		Ninemile/Frenchtown	3,671	6,112	7,448	66.5%	21.9%
17	18	Potomac/Seeley/Swan	3,238	4,445	4,640	37.3%	4.4%
9407		Flathead Reservation					
<b>"Rural Area" Subtotal</b>			<b>11,356</b>	<b>16,540</b>	<b>18,627</b>	<b>45.6%</b>	<b>12.6%</b>
<b>Missoula County</b>			<b>78,687</b>	<b>95,802</b>	<b>109,299</b>	<b>21.8%</b>	<b>14.1%</b>

Source: U.S. Census Bureau, 2010.

Figure 4-3 illustrated 2010 population density by Census tract. Population densities in the vicinity of the Higgins Avenue and Madison Street Bridges are higher than outlying areas.

**Figure 4-3 Population Density by Census Tract**



Source: U.S. Census Bureau, 2010.

#### 4.1.2 Population Demographics

As of the 2010 Census, 93 percent of Missoula County identified as White, with American Indian and Alaska Native individuals comprising 2.6 percent of the population. A number of other races make up the remainder of the population.

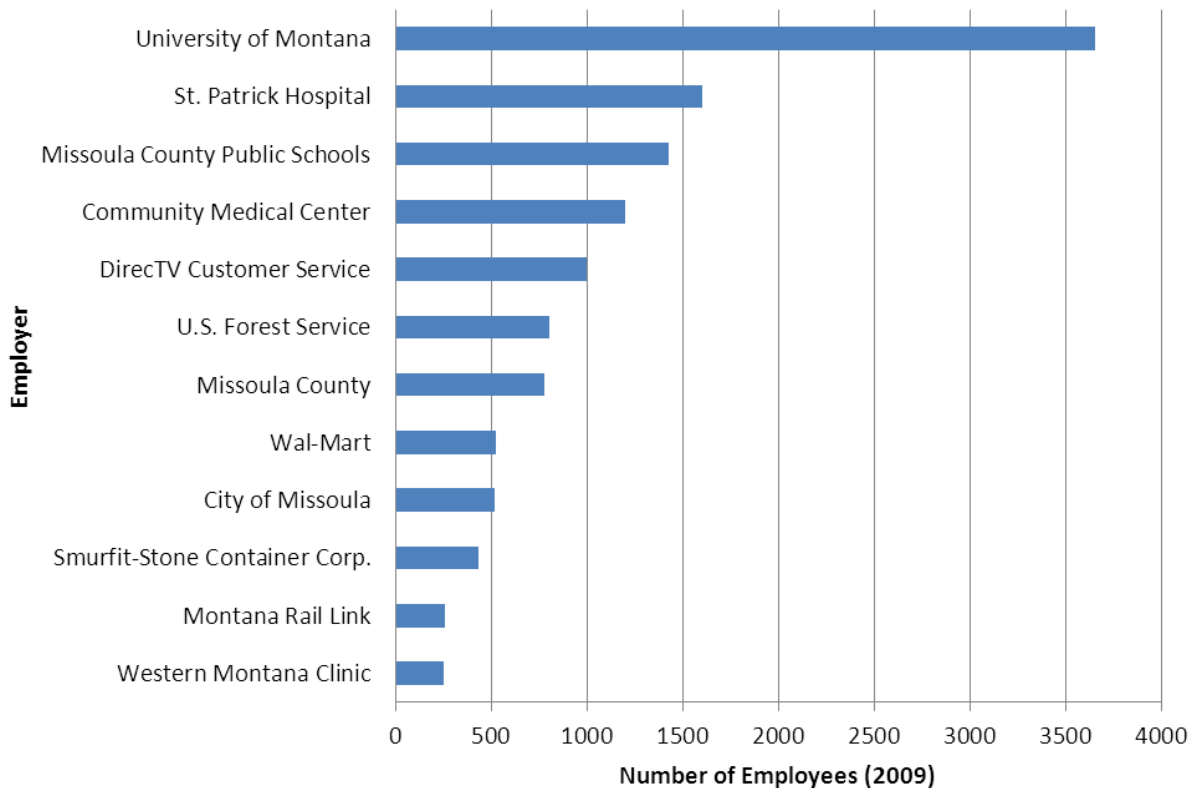
The population in Missoula County is aging, consistent with national trends. Based on population counts from 2000, MDT produced a Regional Economic Modeling Inc. (REMI) model that projected MDT District 1 population numbers by age group and sex to year 2035. The 2035 model projections show a substantial increase in the proportion of the population over age 65, as compared to the proportion of the 2035 population under the age of 18. The City of

Missoula and Missoula County represent a large share of the data in the MDT District 1 REMI model.

**4.1.3 Employment and Income**

The University of Montana dominates employment in the area. The public sector is a primary employer for the Missoula area, including a large number of jobs in the public school system, Missoula County, the U.S. Forest Service, and the City of Missoula. Large private employers include St. Patrick Hospital and Community Medical Center. Major employers are listed in Figure 4-4.

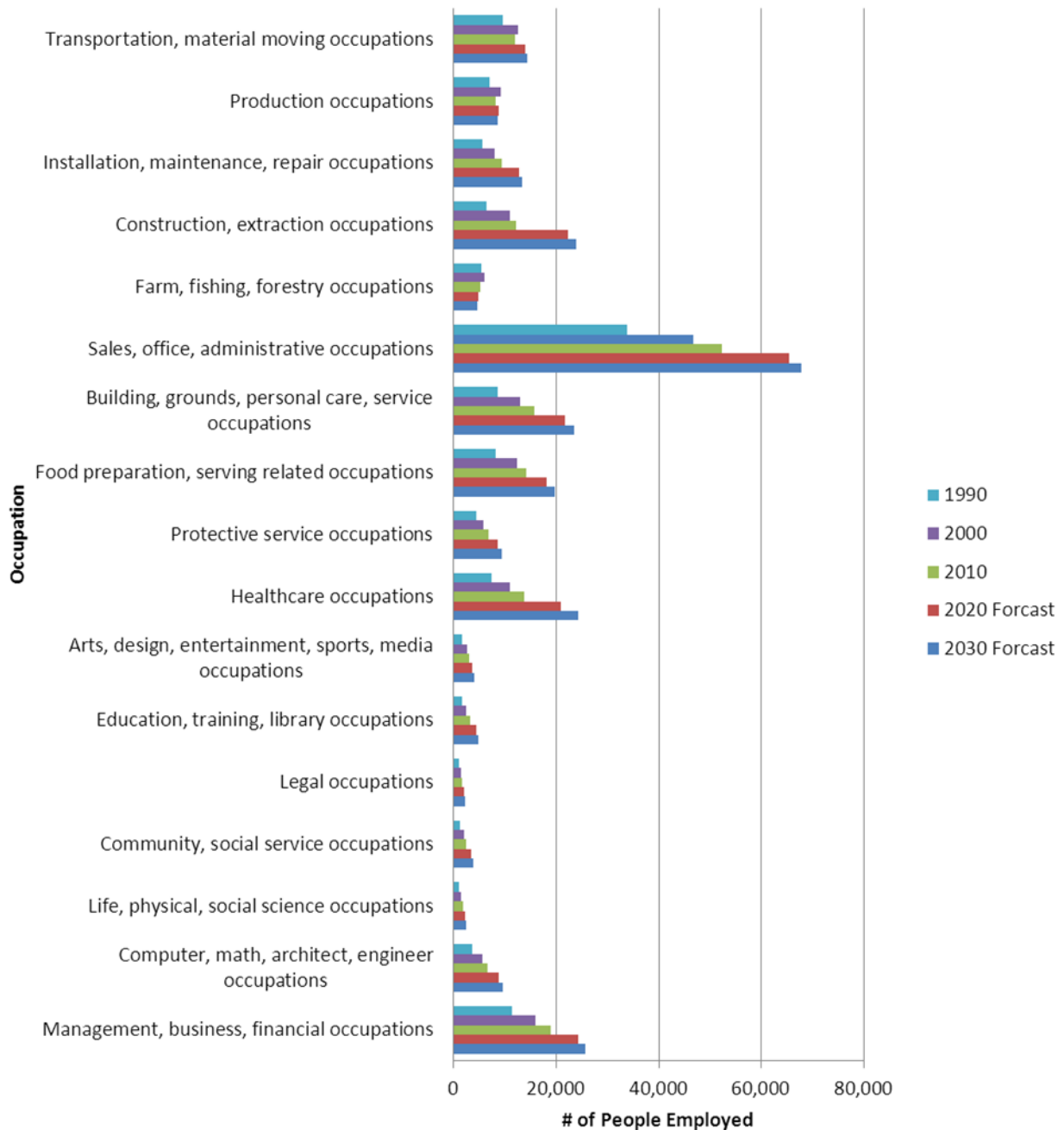
**Figure 4-4 Major Employers (2009)**



Source: Missoulian, 2009.

Figure 4-5 presents employment projections by occupation for the northwest region of Montana produced by the MDT REMI model. Employment gains are projected to continue in office and health service occupations. Production occupations and farm, fishing, and forestry occupations are anticipated to stagnate or decrease by 2030.

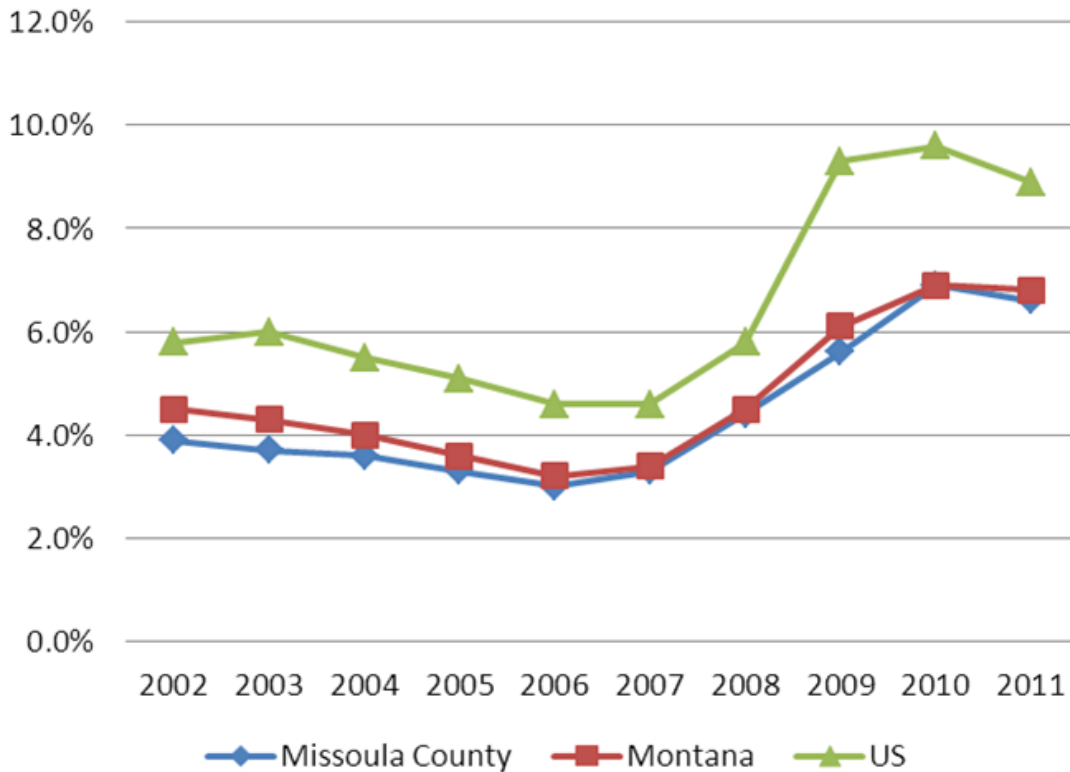
**Figure 4-5 Occupation Projections for the Northwest Region of Montana**



Source: MDT REMI Model, 2012.

Unemployment in Missoula County has closely tracked statewide conditions for the last ten years, with unemployment numbers increasing from 2007 to 2010. Both Montana and Missoula County have fared relatively well in comparison to the nation as a whole, with current unemployment rates approximately two percent below the national average (Figure 4-6).

**Figure 4-6 Unemployment Rates (2002-2011)**

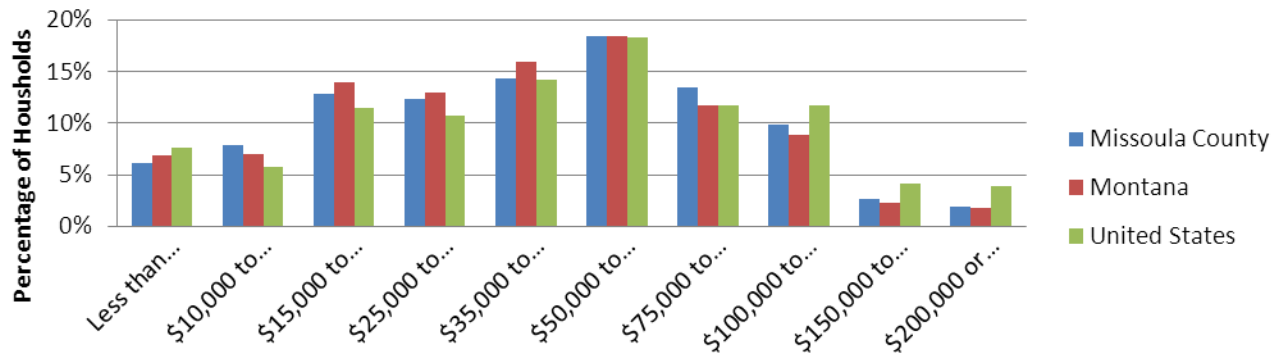


Source: Montana Department of Labor & Industry - Montana Workforce Informer, 2012.

Figure 4-7 presents 2010 income brackets for Missoula County, Montana, and the United States. The percentage of households with incomes in higher brackets is higher for Missoula County residents than for the state as a whole, but lower than the United States. This is particularly evident in household income brackets above \$100,000 annually. The high percentage of Missoula County households in the \$10,000 to \$14,999 range may be the result of the high student population.



**Figure 4-7 Income Distribution by Household (2010)**



Source: U.S. Census Bureau, 2010.

## 4.2 Land Ownership and Land Use

Cadastral maps for Missoula show land within the study area as privately owned or owned by the City of Missoula or the University of Montana.

The study area is within the Missoula city limits. According to NRIS, the study area is predominately urban with low- and high-density residential and commercial areas. Public open space and parks within the study area are primarily found along the Clark Fork River corridor.

## 4.3 Recreational Resources

Table 4.2 and Figure 4-8 present recreational resources identified within the study area. The Clark Fork River and adjacent lands provide a variety of recreational opportunities. Multiple public open spaces and parks, including Rankin Park, John Toole Park, Clark Fork Natural Area, Caras Park, Bess Reed Park, and Kiwanis Park, are located along the river corridor.

The Ron MacDonald River Trail System parallels both banks of the Clark Fork River within the study area. The trail system is used by joggers, pedestrians, bicyclists, and skateboarders. Outside of the study area, the river trail system connects to the Kim Williams Trail (to the east) and the Milwaukee Trail and the Bitterroot Branch Trail (to the west) allowing users to move throughout the city with limited contact with vehicular traffic.

Recreational opportunities on the Clark Fork River include fishing, floating, and boating. The river trail system provides easy access for walk-in anglers. Brennan’s Wave, a man-made river feature just west of the Higgins Avenue Bridge, is a play wave for kayakers.

**Table 4.2 Recreational Resources**

<b>Open Space, Public Parks, and Trails</b>	<b>Amenities/Features</b>
Caras Park <sup>(1)(2)</sup>	Carousel, pavilion, public art, picnic tables, and restrooms
Clark Fork Natural Area <sup>(1)</sup>	Public art and wildlife and native plants
Bess Reed Park <sup>(1)</sup>	Public art and picnic tables
Brennan’s Wave <sup>(1)</sup>	Man-made kayak feature
John Toole Park <sup>(1)</sup>	Public art, soccer field, track, and restrooms
Kiwanis Park <sup>(1)(2)</sup>	Baseball field, basketball court, playground equipment, tennis court, volleyball court, picnic tables, and restrooms
Jeanette Rankin Park <sup>(1)</sup>	Open space and memorial to Jeanette Rankin
Ron MacDonald Riverfront Trail System <sup>(3)</sup>	Trail system

<sup>(1)</sup> Potential Section 4(f) resources.

<sup>(2)</sup> Developed or improved using Section 6(f) Land and Water Conservation funds.

<sup>(3)</sup> Potential Section 4(f) resource, excluding portions funded with Community Transportation Enhancement Program (CTEP) funds. See Appendix 4 for list of CTEP projects in study area.

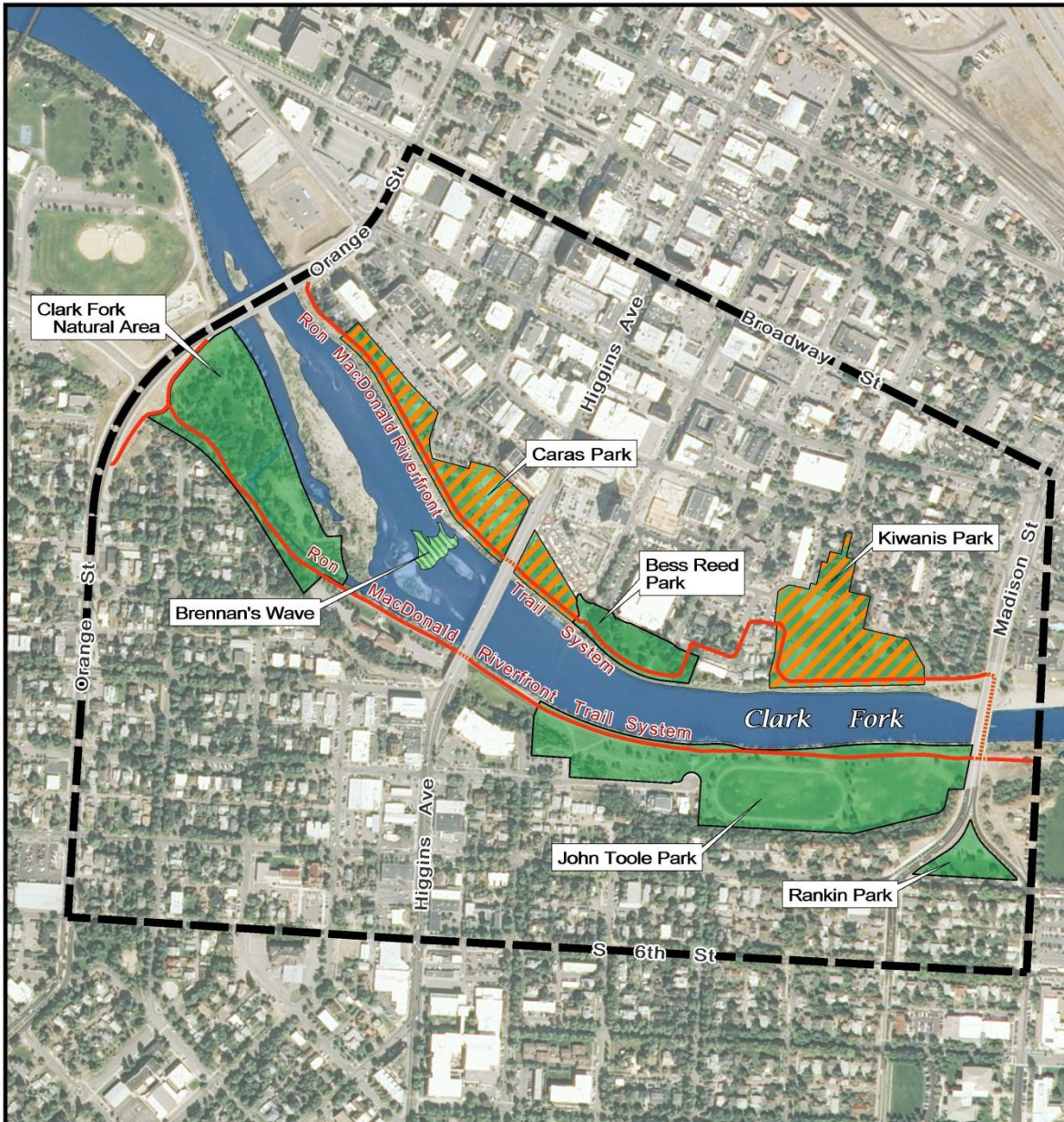
Source: City of Missoula Parks, Open Space, and Trails Map and MDT CTEP Program, 2013.

Section 4(f) of the U.S. Department of Transportation Act of 1966 was enacted to protect publically owned parks, recreation areas, wildlife and waterfowl refuges, and public and private historic sites of local, state, and national significance. Federally-funded transportation projects cannot impact these properties unless there are no feasible and prudent avoidance alternatives and all possible planning to minimize harm has occurred. Resources listed in Table 4.2 may be potential Section 4(f) resources.

The National Land and Water Conservation Fund Act (LWCFA), or Section 6(f), was enacted to preserve, develop, and assure the quality and quantity of outdoor recreation resources. The act restricts conversion or non-recreational use of parklands or open spaces that have been improved with funds received through LWCFA. According to the FWP LWCFA list (2012), both Caras Park and Kiwanis Park have received LWCFA funds for park development and improvements and are considered Section 6(f) resources.





Potential effects on recreational use would need to be considered in accordance with Section 4(f) and Section 6(f) protections if improvement options are forwarded from this study. Unavoidable impacts to Section 4(f) and Section 6(f) resources must be compensated through mitigation in accordance with the stringent Section 4(f) and Section 6(f) process. This may include measures to minimize harm to the property for impacts to Section 4(f) resources, or substitution of other recreation properties of at least equal fair market value and of reasonably equivalent usefulness and location for impacts to Section 6(f) resources.

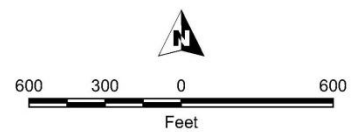
**Figure 4-8 Recreational Resources**



**Recreational Resources**

**LEGEND**

-  Potential Section 4(f) Resources
-  Potential Section 4(f) and Known Section 6(f) Resources
-  Portions May Be Potential Section 4(f) Resources
-  Study Area Boundary



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Source: City of Missoula Parks, Open Space, and Trails Map 2013.  
MFWP LWCF Funds by County 2012.

## 4.4 Cultural Resources

Cultural resources are properties that reflect the heritage of local communities, states, and nations. The National Historic Preservation Act (NHPA) of 1966, as amended, defines historic properties as sites, buildings, structures, districts (including landscapes) and objects included on, or eligible for inclusion on, the National Register of Historic Places (NRHP), as well as artifacts, records, and remains related to such properties. Section 106 of the NHPA requires federal agencies to consider the potential effects of their undertakings on historic properties.

To be considered eligible for listing on the NRHP, a property must meet at least one of the following criteria:

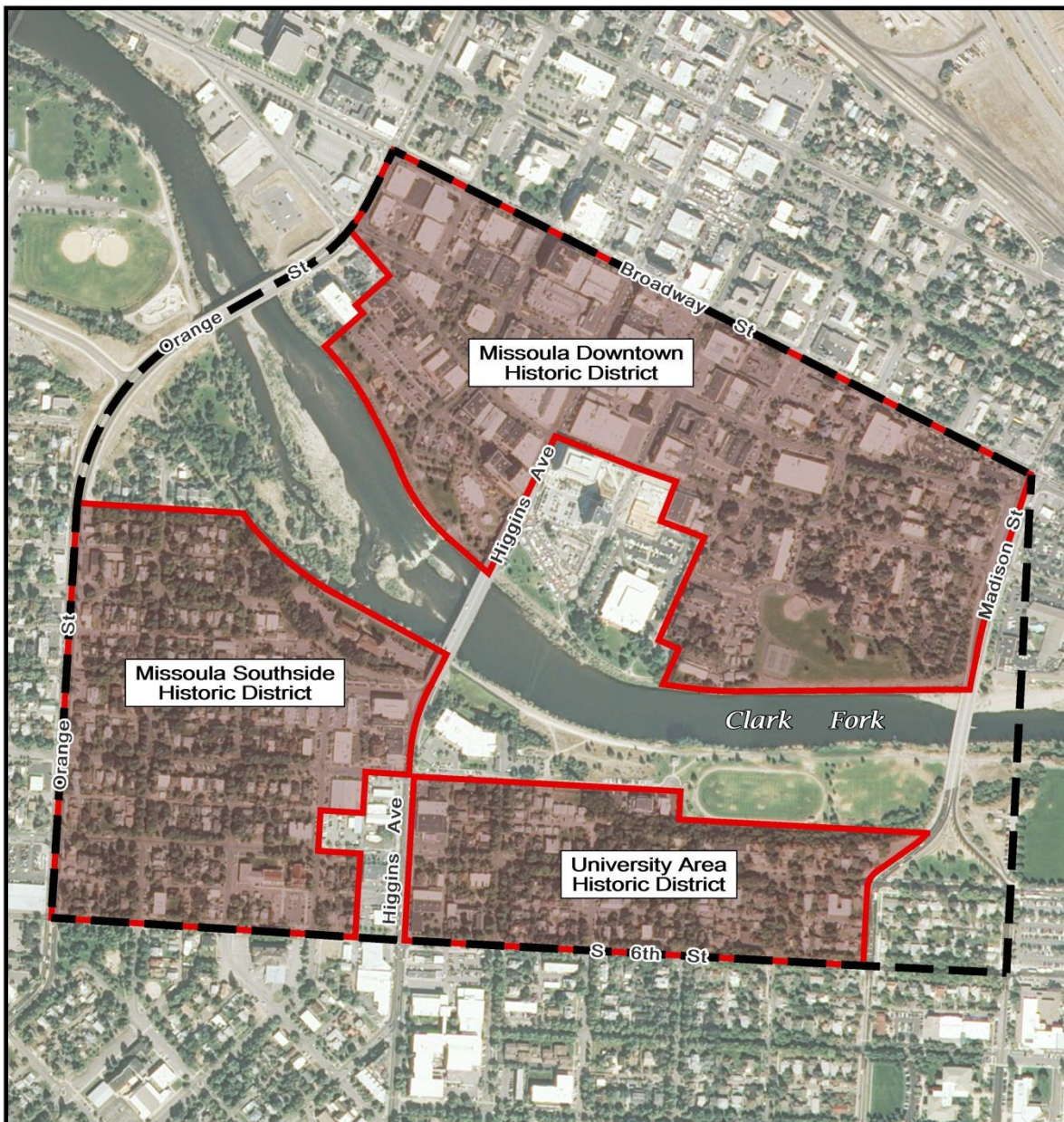
- A: Is associated with events that have made a significant contribution to the broad patterns of our history.
- B: Is associated with the lives of persons significant in our past.
- C: Embodies the distinctive characteristics of a type, period, or method of construction or that represents the work of a master, or that possess high artistic values, or that represents a significant distinguishable entity whose components may lack individual distinction.
- D: Yielded, or may likely yield, information important in prehistory or history (36 CFR Part 60.4).

The study area contains portions of three historic districts listed on the NRHP. The Downtown Historic District, the Southside Historic District, and the University Area Historic District boundaries within the study area are illustrated in Figure 4-9. Approximately 297 individual properties within the Downtown Historic District have been listed or are eligible for listing on the NRHP. A number of individual properties within the Southside and University Area Historic Districts and outside of the three districts have also been listed or are eligible for listing on the NRHP. The Milwaukee Depot and the Wilma Theater are located directly southwest and northwest of the Higgins Avenue Bridge and are listed on the NRHP. No records of archaeological sites were identified within the study area. Appendix 3 provides a list of historic properties within the study area. In addition to protections granted under the NHPA, these districts and properties are also protected under Section 4(f) of the Transportation Act.

According to the Montana State Historic Preservation Office and MDT, neither the Higgins Avenue Bridge nor the Madison Street Bridge have been surveyed or recorded as historic properties.



Both bridges, along with other potential properties in the study area (including the Missoula Irrigation Ditch and the old Milwaukee Road that parallel the south side of the Clark Fork River) would need to be surveyed and assessed for eligibility in accordance with Section 106 of the NHPA if bridge improvement options are forwarded from this study. Concurrence from the Montana State Historic Preservation Office on the eligibility determinations would need to be requested. Indirect impacts (such as visual, noise, and access impacts) to eligible or listed properties would also need to be considered.

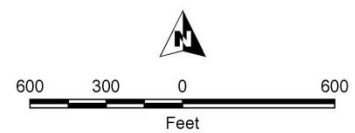
**Figure 4-9 Historic Districts within Study Area**



**Historic Districts within Study Area**

**LEGEND**

-  Study Area Boundary
-  Missoula Historic Districts



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Source: Montana State Historic Preservation Office  
Shape Files. Provided March 29, 2013.

#### **4.5 Noise**

The study area is located within an urban environment. Sensitive receptors, such as residences, are located within the study area and several are within 1,000 feet of the Higgins Avenue Bridge and the Madison Street Bridge. Any proposed bridge improvements forwarded from this study that include substantial vertical or horizontal alignment alterations or the addition of through-traffic lanes would need to evaluate potential noise effects consistent with Federal Highway Administration requirements and MDT policy.

#### **4.6 Visual Resources**

The visual resources of an area include landforms, vegetation, water features, and physical modifications caused by human activities that give the landscape its visual character and aesthetic qualities. Visual resources are typically assessed based on landscape character (what is seen), visual sensitivity (human preferences and values regarding what is seen), scenic integrity (degree of intactness and wholeness in landscape character), and landscape visibility (relative distance of seen areas) of a geographically defined view shed.

The study area is characterized as urban, with low- and high-density residential areas, commercial areas, a transportation network of roadways and bridges, public open space, and parks. The Clark Fork River bisects the study area from east to west. A narrow riparian corridor of primarily cottonwood and willow extends on both sides of the Clark Fork River. Landscaped public city parks extend beyond the riparian corridor to the north and south, transitioning into the more developed historic downtown and south side commercial/residential districts. Mount Sentinel is visible to the southeast, and Mount Jumbo is visible to the northeast.

### **5.0 CONCLUSION**

This environmental scan identifies physical, biological, social and cultural features within the study area that may be affected by potential improvements to the Higgins Avenue and Madison Street Bridges.

Project-level environmental analysis would be required for any improvements forwarded from this study. Information contained in this report may be used to support future NEPA/MEPA environmental documentation.

## 6.0 REFERENCES

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# Appendix 1

MNHP Species of Concern Data



# Species of Concern Data Report

Visit <http://mtnhp.org> for additional information.

Report Date:  
**Tuesday, March 26, 2013**

## Ardea herodias

[View Species in MT Field Guide](#)

**Common Name:** Great Blue Heron

**General Habitat:** Riparian forest

**Description:** Birds

**Mapping Delineation:**

Confirmed nesting area buffered by a minimum distance of 6,500 meters in order to be conservative about encompassing the areas commonly used for foraging near the breeding colony and otherwise buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.

### Species Status

[Click Status for Explanations](#)

**Natural Heritage Ranks:**

**State:** S3  
**Global:** G5

**Federal Agency Status:**

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#)

[U.S. Bureau of Land Management:](#)

**FWP CFWCS Tier:** 3

**MT PIF Code:**

### Species Occurrences

<b>Species Occurrence Map Label:</b>	10017837		
<b>First Observation Date:</b>	1969-02-16	<b>SO Number:</b>	626
<b>Last Observation Date:</b>	1979-08-01	<b>Acreage:</b>	32,633
<b>Species Occurrence Map Label:</b>	10017835		
<b>First Observation Date:</b>	1991-08-03	<b>SO Number:</b>	11
<b>Last Observation Date:</b>	1991-08-03	<b>Acreage:</b>	32,633
<b>Species Occurrence Map Label:</b>	10017836		
<b>First Observation Date:</b>	2004-07-15	<b>SO Number:</b>	578
<b>Last Observation Date:</b>	2004-07-15	<b>Acreage:</b>	32,633
<b>Species Occurrence Map Label:</b>	10017838		
<b>First Observation Date:</b>	2009-05-29	<b>SO Number:</b>	769
<b>Last Observation Date:</b>	2009-05-29	<b>Acreage:</b>	32,633

## Histrionicus histrionicus

[View Species in MT Field Guide](#)

**Common Name:** Harlequin Duck

**General Habitat:** Mountain streams

**Description:** Birds

**Mapping Delineation:**

Stream reaches with confirmed presence of pairs, downy young, or juveniles or where breeding effort is believed to occur due to confirmed effort in adjacent areas. Minimum stream reach length is 1,000 meters (500 meters below and above a point observation). Occurrences on smaller order streams include the area 500 meters above an observation down to the mouth of that stream. In order to reflect the importance of adjacent terrestrial habitats to survival, stream reaches are buffered 100 meters into the terrestrial habitat based on PACFISH/INFISH Riparian Conservation Area standards.



# Species of Concern Data Report

Visit <http://mtnhp.org> for additional information.

Report Date:  
**Tuesday, March 26, 2013**

## Species Status

[Click Status for Explanations](#)

### Natural Heritage Ranks:

State: S2B  
Global: G4

### Federal Agency Status:

U.S. Fish & Wildlife Service:

U.S. Forest Service: SENSITIVE

U.S. Bureau of Land Management: SENSITIVE

FWP CFWCS Tier: 1

MT PIF Code: 1

## Species Occurrences

Species Occurrence Map Label:	10004415		
First Observation Date:	1948-12-19	SO Number:	15
Last Observation Date:	2002-08-21	Acreage:	1,629

## Haliaeetus leucocephalus [View Species in MT Field Guide](#)

**Common Name:** Bald Eagle **General Habitat:** Riparian forest

**Description:** Birds

**Mapping Delineation:**

Confirmed nesting area buffered by a minimum distance of 2,000 meters in order to be conservative about encompassing the breeding territory and area commonly used for renesting and otherwise buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.

## Species Status

[Click Status for Explanations](#)

### Natural Heritage Ranks:

State: S4  
Global: G5

### Federal Agency Status:

U.S. Fish & Wildlife Service: DM; BGEPA; MBTA; BCC

U.S. Forest Service: SENSITIVE

U.S. Bureau of Land Management: SENSITIVE

FWP CFWCS Tier: 1

MT PIF Code: 2

## Species Occurrences

Species Occurrence Map Label:	10035718		
First Observation Date:	2006-03-01	SO Number:	1,037
Last Observation Date:	2009-09-01	Acreage:	3,089

## Otus flammeolus [View Species in MT Field Guide](#)

**Common Name:** Flammulated Owl **General Habitat:** Dry conifer forest

**Description:** Birds

**Mapping Delineation:**

Confirmed breeding area based on the presence of a nest, chicks, or territorial adults during the breeding season. Point observation location is buffered by a minimum distance of 300 meters in order to encompass the maximum breeding territory size reported for the species and otherwise is buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.



# Species of Concern Data Report

Visit <http://mtnhp.org> for additional information.

Report Date:  
**Tuesday, March 26, 2013**

## Species Status

[Click Status for Explanations](#)

### Natural Heritage Ranks:

State: S3B  
Global: G4

### Federal Agency Status:

U.S. Fish & Wildlife Service:  
U.S. Forest Service: SENSITIVE  
U.S. Bureau of Land Management: SENSITIVE

FWP CFWCS Tier: 1

MT PIF Code: 1

## Species Occurrences

Species Occurrence Map Label:	10020957		
First Observation Date:	1995-05-15	SO Number:	8
Last Observation Date:	1995-08-06	Acreage:	772

Species Occurrence Map Label:	10020954		
First Observation Date:	2007-05-30	SO Number:	571
Last Observation Date:	2007-05-30	Acreage:	193

Species Occurrence Map Label:	10020956		
First Observation Date:	2007-07-16	SO Number:	358
Last Observation Date:	2007-07-16	Acreage:	1,977

## Drvocopus pileatus

[View Species in MT Field Guide](#)

**Common Name:** Pileated Woodpecker

**General Habitat:** Moist conifer forests

**Description:** Birds

### **Mapping Delineation:**

Observations with evidence of breeding activity buffered by a minimum distance of 1,500 meters in order to be conservative about encompassing home ranges and otherwise buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.

## Species Status

[Click Status for Explanations](#)

### Natural Heritage Ranks:

State: S3  
Global: G5

### Federal Agency Status:

U.S. Fish & Wildlife Service:  
U.S. Forest Service:  
U.S. Bureau of Land Management:

FWP CFWCS Tier: 2

MT PIF Code: 2

## Species Occurrences

Species Occurrence Map Label:	10011755		
First Observation Date:	1992-06-18	SO Number:	806
Last Observation Date:	1992-06-18	Acreage:	1,738



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## Species Occurrences

<b>Species Occurrence Map Label:</b>	10011768		
<b>First Observation Date:</b>	1994-05-21	<b>SO Number:</b>	380
<b>Last Observation Date:</b>	1994-05-21	<b>Acreage:</b>	1,738

### Haemorrhous cassinii [View Species in MT Field Guide](#)

**Common Name:** Cassin's Finch **General Habitat:** Drier conifer forest

**Description:** Birds

**Mapping Delineation:**

Observations with evidence of breeding activity buffered by a minimum distance of 300 meters in order to be conservative about encompassing the courtship and foraging distance from nesting areas and otherwise buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.

## Species Status

[Click Status for Explanations](#)

**Natural Heritage Ranks:**

**State:** S3  
**Global:** G5

**Federal Agency Status:**

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#)

[U.S. Bureau of Land Management:](#)

**FWP CFWCS Tier:** 3

**MT PIF Code:** 3

## Species Occurrences

<b>Species Occurrence Map Label:</b>	10016698		
<b>First Observation Date:</b>	1989-07-01	<b>SO Number:</b>	18
<b>Last Observation Date:</b>	1989-07-31	<b>Acreage:</b>	19,309

### Oncorhynchus clarkii lewisi [View Species in MT Field Guide](#)

**Common Name:** Westslope Cutthroat Trout **General Habitat:** Mountain streams, rivers, lakes

**Description:** Fish

**Mapping Delineation:**

Stream reaches and standing water bodies where the species presence has been confirmed through direct capture or where they are believed to be present based on the professional judgement of a fisheries biologist due to confirmed presence in adjacent areas. In order to reflect the importance of adjacent terrestrial habitats to survival, stream reaches are buffered 100 meters, standing water bodies greater than 1 acre are buffered 50 meters, and standing water bodies less than 1 acre are buffered 30 meters into the terrestrial habitat based on PACFISH/INFISH Riparian Conservation Area standards.

## Species Status

[Click Status for Explanations](#)

**Natural Heritage Ranks:**

**State:** S2  
**Global:** G4T3

**Federal Agency Status:**

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#) SENSITIVE

[U.S. Bureau of Land Management:](#) SENSITIVE

**FWP CFWCS Tier:** 1

**MT PIF Code:**



# Species of Concern Data Report

Visit <http://mtnhp.org> for additional information.

Report Date:  
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## Species Occurrences

Species Occurrence Map Label:	10046647	SO Number:	
First Observation Date:		Acreage:	2
Last Observation Date:			

Species Occurrence Map Label:	10043157	SO Number:	
First Observation Date:		Acreage:	1,789
Last Observation Date:			

Species Occurrence Map Label:	10045264	SO Number:	
First Observation Date:		Acreage:	25,462
Last Observation Date:			

## Salvelinus confluentus [View Species in MT Field Guide](#)

**Common Name:** Bull Trout **General Habitat:** Mountain streams, rivers, lakes

**Description:** Fish

**Mapping Delineation:**

Stream reaches and standing water bodies where the species presence has been confirmed through direct capture or where they are believed to be present based on the professional judgement of a fisheries biologist due to confirmed presence in adjacent areas. In order to reflect the importance of adjacent terrestrial habitats to survival, stream reaches are buffered 100 meters, standing water bodies greater than 1 acre are buffered 50 meters, and standing water bodies less than 1 acre are buffered 30 meters into the terrestrial habitat based on PACFISH/INFISH Riparian Conservation Area standards.

### Species Status

[Click Status for Explanations](#)

**Natural Heritage Ranks:**

State: S2  
Global: G4

**Federal Agency Status:**

U.S. Fish & Wildlife Service: LT  
U.S. Forest Service: THREATENED  
U.S. Bureau of Land Management: SPECIAL STATUS

**FWP CFWCS Tier:** 1

**MT PIF Code:**

## Species Occurrences

Species Occurrence Map Label:	10043155	SO Number:	
First Observation Date:		Acreage:	1,789
Last Observation Date:			

Species Occurrence Map Label:	10045256	SO Number:	
First Observation Date:		Acreage:	19,110
Last Observation Date:			



# Species of Concern Data Report

Visit <http://mtnhp.org> for additional information.

Report Date:  
**Tuesday, March 26, 2013**

## Salvelinus namaycush

[View Species in MT Field Guide](#)

**Common Name:** Lake Trout **General Habitat:** Deep mountain lakes

**Description:** Fish

**Mapping Delineation:**

Stream reaches and standing water bodies where the species presence has been confirmed through direct capture or where they are believed to be present based on the professional judgement of a fisheries biologist due to confirmed presence in adjacent areas. In order to reflect the importance of adjacent terrestrial habitats to survival, stream reaches are buffered 100 meters, standing water bodies greater than 1 acre are buffered 50 meters, and standing water bodies less than 1 acre are buffered 30 meters into the terrestrial habitat based on PACFISH/INFISH Riparian Conservation Area standards.

### Species Status

[Click Status for Explanations](#)

**Natural Heritage Ranks:**

**State:** S2  
**Global:** G5

**Federal Agency Status:**

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#)

[U.S. Bureau of Land Management:](#)

**FWP CFWCS Tier:** 1

**MT PIF Code:**

### Species Occurrences

<b>Species Occurrence Map Label:</b>	10045259
<b>First Observation Date:</b>	<b>SO Number:</b>
<b>Last Observation Date:</b>	<b>Acreage:</b> 1,455

## Mvotis thysanodes

[View Species in MT Field Guide](#)

**Common Name:** Fringed Myotis **General Habitat:** Riparian and dry mixed conifer forests

**Description:** Mammals

**Mapping Delineation:**

Confirmed area of occupancy based on the documented presence of adults or juveniles during the active season. Point observation location is buffered by a minimum distance of 4,200 meters in order to encompass the 95% confidence interval for nightly foraging distance reported for another bat species (Townsend's Big-eared Bat) that has similar wing structure, flight capability, and foraging strategy. Otherwise the point observation is buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.

### Species Status

[Click Status for Explanations](#)

**Natural Heritage Ranks:**

**State:** S3  
**Global:** G4

**Federal Agency Status:**

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#)

[U.S. Bureau of Land Management:](#) SENSITIVE

**FWP CFWCS Tier:** 2

**MT PIF Code:**

### Species Occurrences

<b>Species Occurrence Map Label:</b>	10002117		
<b>First Observation Date:</b>	1964-09-03	<b>SO Number:</b>	5,045
<b>Last Observation Date:</b>	1964-09-03	<b>Acreage:</b>	19,309



# Species of Concern Data Report

Visit <http://mtntp.org> for additional information.

Report Date:  
**Tuesday, March 26, 2013**

## Lasiurus cinereus

[View Species in MT Field Guide](#)

**Common Name:** Hoary Bat

**General Habitat:** Riparian and forest

**Description:** Mammals

**Mapping Delineation:**

Mistnet captures, definitively identified acoustic recordings, and definitively identified roosting individuals buffered by a minimum distance of 3,500 meters in order to be conservative about encompassing the maximum reported foraging distance for the congeneric *Lasiurus borealis* and otherwise buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.

### Species Status

[Click Status for Explanations](#)

**Natural Heritage Ranks:**

**State:** S3  
**Global:** G5

**Federal Agency Status:**

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#)

[U.S. Bureau of Land Management:](#)

**FWP CFWCS Tier:** 2

**MT PIF Code:**

### Species Occurrences

<b>Species Occurrence Map Label:</b>	10020524		
<b>First Observation Date:</b>	1897-01-01	<b>SO Number:</b>	4,990
<b>Last Observation Date:</b>	1916-12-31	<b>Acreage:</b>	49,432

<b>Species Occurrence Map Label:</b>	10020525		
<b>First Observation Date:</b>	1965-09-14	<b>SO Number:</b>	4,992
<b>Last Observation Date:</b>	1965-09-14	<b>Acreage:</b>	9,462

## Martes pennanti

[View Species in MT Field Guide](#)

**Common Name:** Fisher

**General Habitat:** Mixed conifer forests

**Description:** Mammals

**Mapping Delineation:**

Confirmed area of occupancy based on the documented presence of adults or juveniles within tracking regions containing core habitat for the species. Outer boundaries of tracking regions are defined by areas of forest cover on individual mountain ranges or clusters of adjacent mountain ranges with continuous forest cover.

### Species Status

[Click Status for Explanations](#)

**Natural Heritage Ranks:**

**State:** S3  
**Global:** G5

**Federal Agency Status:**

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#) SENSITIVE

[U.S. Bureau of Land Management:](#) SENSITIVE

**FWP CFWCS Tier:** 2

**MT PIF Code:**





# Species of Concern Data Report

Visit <http://mtntp.org> for additional information.

Report Date:  
**Tuesday, March 26, 2013**

## Species Occurrences

Species Occurrence Map Label:	10000042		
First Observation Date:	1983	SO Number:	4
Last Observation Date:	2006	Acreage:	1,803,120

### Gulo gulo [View Species in MT Field Guide](#)

**Common Name:** Wolverine **General Habitat:** Boreal Forest and Alpine Habitats

**Description:** Mammals

**Mapping Delineation:**

Confirmed area of occupancy based on the documented presence of adults or juveniles within tracking regions containing core habitat for the species. Outer boundaries of tracking regions are defined by areas of forest cover on individual mountain ranges or clusters of adjacent mountain ranges with continuous forest cover.

### Species Status [Click Status for Explanations](#)

**Natural Heritage Ranks:**

State: S3  
Global: G4

**Federal Agency Status:**

U.S. Fish & Wildlife Service: C  
U.S. Forest Service: SENSITIVE  
U.S. Bureau of Land Management: SENSITIVE

FWP CFWCS Tier: 2

MT PIF Code:

## Species Occurrences

Species Occurrence Map Label:	10000029		
First Observation Date:	1948	SO Number:	5
Last Observation Date:	2009	Acreage:	1,803,120

### Eumeces skiltonianus [View Species in MT Field Guide](#)

**Common Name:** Western Skink **General Habitat:** Rock outcrops

**Description:** Reptiles

**Mapping Delineation:**

Confirmed breeding area based on the presence of a resident animal of any age. Point observation location is buffered by a minimum distance of 200 meters in order to encompass habitats supporting other individuals in adjacent territories. Otherwise the point observation is buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.

### Species Status [Click Status for Explanations](#)

**Natural Heritage Ranks:**

State: S3  
Global: G5

**Federal Agency Status:**

U.S. Fish & Wildlife Service:  
U.S. Forest Service:  
U.S. Bureau of Land Management:

FWP CFWCS Tier: 2

MT PIF Code:



# Species of Concern Data Report

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Report Date:  
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## Species Occurrences

<b>Species Occurrence Map Label:</b>	10001471		
<b>First Observation Date:</b>	1929-05-01	<b>SO Number:</b>	4,045
<b>Last Observation Date:</b>	1929-05-01	<b>Acreage:</b>	49,432

<b>Species Occurrence Map Label:</b>	10001470		
<b>First Observation Date:</b>	1944-05-21	<b>SO Number:</b>	4,046
<b>Last Observation Date:</b>	1944-05-21	<b>Acreage:</b>	772

## Stvaobromus tritus [View Species in MT Field Guide](#)

**Common Name:** A Subterranean Amphipod **General Habitat:** Subterranean Aquatic Ecosystems  
**Description:** Invertebrates  
**Mapping Delineation:**  
 Confirmed breeding area based on the presence of a resident animal of any age. Point observation location is buffered by a minimum distance of 300 meters in order to encompass the cave system the species is dependent on.

[Click Status for Explanations](#)

### Species Status

**Natural Heritage Ranks:**

**State:** S1S2  
**Global:** G1G2

**Federal Agency Status:**

**U.S. Fish & Wildlife Service:**  
**U.S. Forest Service:**  
**U.S. Bureau of Land Management:**

**FWP CFWCS Tier:**

**MT PIF Code:**

## Species Occurrences

<b>Species Occurrence Map Label:</b>	10003515		
<b>First Observation Date:</b>	1986-05-01	<b>SO Number:</b>	300,025
<b>Last Observation Date:</b>	1986-05-01	<b>Acreage:</b>	9,462

## Austrotvyla montani [View Species in MT Field Guide](#)

**Common Name:** A Millipede **General Habitat:** Mixed conifer forests  
**Description:** Invertebrates  
**Mapping Delineation:**  
 Confirmed breeding area based on the presence of a resident animal of any age. Point observation location is buffered by a minimum distance of 100 meters in order to encompass the home range of the individual as well as adjacent habitat likely to support other individuals and otherwise is buffered by the locational uncertainty associated with the observation up to a maximum distance of 10,000 meters.



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## Species Status

[Click Status for Explanations](#)

### Natural Heritage Ranks:

State: S1S3  
Global: G1G3

### Federal Agency Status:

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#)

[U.S. Bureau of Land Management:](#)

[FWP CFWCS Tier:](#)

[MT PIF Code:](#)

## Species Occurrences

Species Occurrence Map Label:	10004364		
First Observation Date:	1964-10-17	SO Number:	585,505
Last Observation Date:	1965-05-05	Acreage:	2,232



# Species of Concern Data Report

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## Arctoparmelia subcentrifuga

[View Species in MT Field Guide](#)

**Common Name:** A Lichen

[General Habitat:](#)

**Description:** Lichens

**Mapping Delineation:**

### Species Status

[Click Status for Explanations](#)

#### Natural Heritage Ranks:

[State:](#) S1

[Global:](#) G4G5

#### Federal Agency Status:

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#)

[U.S. Bureau of Land Management:](#)

### Species Occurrences

<b>Species Occurrence Map Label:</b>	120576		
<b>First Observation Date:</b>	09/01/1993	<b>SO Number:</b>	1
<b>Last Observation Date:</b>	09/30/1993	<b>SO Rank:</b>	
		<b>Acreage:</b>	283

## Camissonia andina

[View Species in MT Field Guide](#)

**Common Name:** Obscure Evening-primrose

[General Habitat:](#) Sandy sites

**Description:** Vascular Plants

**Mapping Delineation:**

Individual occurrences are generally based upon a discretely mapped area provided by an observer and are not separated by any pre-defined distance. Individual clusters of plants mapped at fine spatial scales (separated by less than approximately 25-50 meters) may be grouped together into one occurrence if they are not separated by distinct areas of habitat or terrain features. Point observations are buffered to encompass any locational uncertainty associated with the observation.

### Species Status

[Click Status for Explanations](#)

#### Natural Heritage Ranks:

[State:](#) S2

[Global:](#) G4

#### Federal Agency Status:

[U.S. Fish & Wildlife Service:](#)

[U.S. Forest Service:](#)

[U.S. Bureau of Land Management:](#) SENSITIVE

### Species Occurrences

<b>Species Occurrence Map Label:</b>	44726		
<b>First Observation Date:</b>	05/20/1934	<b>SO Number:</b>	2
<b>Last Observation Date:</b>	05/20/1934	<b>SO Rank:</b>	H
		<b>Acreage:</b>	295

## Phlox kelseyi var. missoulensis

[View Species in MT Field Guide](#)

**Common Name:** Missoula Phlox

[General Habitat:](#) Slopes/ridges (Open, foothills to subalpi

**Description:** Vascular Plants

**Mapping Delineation:**

Individual occurrences are generally based upon a discretely mapped area provided by an observer and are not separated by any pre-defined distance. Individual clusters of plants mapped at fine spatial scales (separated by less than approximately 25-50 meters) may be grouped together into one occurrence if they are not separated by distinct areas of habitat or terrain features. Point observations are buffered to encompass any locational uncertainty associated with the observation.



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[Click Status for Explanations](#)

### Natural Heritage Ranks:

State: S2S3

Global: G2G3

### Federal Agency Status:

U.S. Fish & Wildlife Service:

U.S. Forest Service: SENSITIVE

U.S. Bureau of Land Management: SENSITIVE

## Species Occurrences

Species Occurrence Map Label:	19974		
First Observation Date:	05/27/1897	SO Number:	2
Last Observation Date:	05/09/1979	SO Rank:	H
		Acreage:	8

# Appendix 2

MFISH Reports

Clark Fork River

**River Mile:** 9.4 to 340

**Miles:** 330.5

**Total Stream Miles:** 340

**HUC:** Lower Clark Fork (17010213)

**Tributary To:** No Downlink

**Regions:** Region 1; Region 2

**Counties:** Deer Lodge; Granite; Mineral; Missoula; Powell; Sanders

**Fish Distribution**

[Download Data](#)

Begin Mile	End Mile	Species	Abundance	Use Type	Life History	Origin	Genetic Status	Data Rating	Data Source
61	65.8	Black Bullhead	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP
75.5	327	Brook Trout	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
28	37	Brown Trout	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
50	65.7	Brown Trout	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
75.5	222.5	Brown Trout	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
222.5	274	Brown Trout	Common	Both resident and Fluvial/Adfluvial populations	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
274	339.9	Brown Trout	Common	Fluvial/Adfluvial population, Spawning elsewhere	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
61	65.8	Bull Trout	Rare	Fluvial/Adfluvial population, Spawning elsewhere	Not applicable	Native	Genetically pure, determined visually (bull trout only)	Extrapolated from multiple surveys/observations	FIS
75.5	275	Bull Trout	Rare	Fluvial/Adfluvial population, Spawning elsewhere	Not applicable	Native	Potentially unaltered with no record of stocking	Extrapolated from multiple surveys/observations	FWP
144	145	Columbia Slimy Sculpin	Unknown	Unknown	Unknown	Native	Not Applicable	Extrapolated from a single survey/observation	FWP
227	228	Columbia Slimy Sculpin	Rare	Unknown	Unknown	Native	Not Applicable	Extrapolated from a single survey/observation	FWP
61	65.7	Kokanee	Rare	Unknown	Resident	Introduced	Not Applicable	No Survey, Professional judgment	FWP
75.5	102.8	Kokanee	Rare	Unknown	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP

61	108.6	Lake Trout	Rare	Unknown	Unknown	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
126	150	Lake Trout	Rare	Unknown	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
212	225	Lake Trout	Rare	Unknown	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
61	65.7	Lake Whitefish	Common	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
61	65.7	Largemouth Bass	Abundant	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
75.5	274.1	Largemouth Bass	Rare	Year-round resident	Resident	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
23	33	Largescale Sucker	Rare	Unknown	Not applicable	Native	Not Applicable	Extrapolated from a single survey/observation	scp
61	65.7	Largescale Sucker	Abundant	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FIS
75.5	339.9	Largescale Sucker	Abundant	Year-round resident	Resident	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
61	65.7	Longnose Dace	Rare	Year-round resident	Resident	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
75.5	339.9	Longnose Dace	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
61	65.7	Longnose Sucker	Rare	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FIS
75.5	339.9	Longnose Sucker	Abundant	Year-round resident	Resident	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
75.5	148.8	Mottled Sculpin	Rare	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	fwp
311.2	339.9	Mottled Sculpin	Unknown	Unknown	Unknown	Unknown	Not Applicable	Extrapolated from multiple surveys/observations	UN
61	65.7	Mountain Whitefish	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FIS
75.5	274	Mountain Whitefish	Common	Year-round resident	Resident	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
274	339.9	Mountain Whitefish	Abundant	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
23	33	Northern Pike	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from a single survey/observation	scp



61	65.7	Northern Pike	Abundant	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
75.5	221.7	Northern Pike	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
23	33	Northern Pike Minnow	Abundant	Unknown	Not applicable	Native	Not Applicable	Extrapolated from a single survey/observation	scp
61	65.7	Northern Pike Minnow	Abundant	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FIS
75.5	162	Northern Pike Minnow	Abundant	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	SCP
245	261	Northern Pike Minnow	Rare	Unknown	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	fwp
275	300	Northern Pike Minnow	Rare	Unknown	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	fwp
333	339.9	Northern Pike Minnow	Rare	Unknown	Not applicable	Native	Not Applicable	Extrapolated from a single survey/observation	scp
23	33	Peamouth	Common	Unknown	Not applicable	Native	Not Applicable	Extrapolated from a single survey/observation	scp
61	65.7	Peamouth	Abundant	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FIS
61	65.7	Pumpkinseed	Common	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from a single survey/observation	FIS
75.5	274.1	Pumpkinseed	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from a single survey/observation	FIS
26	37	Rainbow Trout	Common	Year-round resident	Resident	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	fwp
50	65.7	Rainbow Trout	Common	Both resident and Fluvial/Adfluvial populations	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
75.5	260	Rainbow Trout	Common	Fluvial/Adfluvial population, Spawning elsewhere	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
260	339.9	Rainbow Trout	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
61	65.7	Redside Shiner	Abundant	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
94	101	Redside Shiner	Rare	Unknown	Unknown	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
155.3	162	Redside Shiner	Rare	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple	GS

								surveys/observations	
182	186.5	Redside Shiner	Rare	Unknown	Unknown	Native	Not Applicable	Extrapolated from a single survey/observation	FIS
221.7	339.9	Redside Shiner	Rare	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
203	204.5	Rocky Mountain Sculpin	Rare	Unknown	Unknown	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
215	216	Rocky Mountain Sculpin	Unknown	Unknown	Unknown	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
220	221	Rocky Mountain Sculpin	Unknown	Unknown	Unknown	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
227	228	Rocky Mountain Sculpin	Unknown	Unknown	Unknown	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
236	237	Rocky Mountain Sculpin	Unknown	Unknown	Unknown	Native	Not Applicable	Extrapolated from a single survey/observation	FWP
245	246	Rocky Mountain Sculpin	Unknown	Unknown	Unknown	Native	Not Applicable	Extrapolated from a single survey/observation	FWP
218	336	Slimy Sculpin	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from a single survey/observation	FWP
28	33	Smallmouth Bass	Common	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from a single survey/observation	scp
61	65.9	Smallmouth Bass	Abundant	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
75.5	108.6	Smallmouth Bass	Common	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
239	274.1	Variable Platyfish	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP
61	65.7	Walleye	Rare	Unknown	Resident	Introduced	Not Applicable	Extrapolated from a single survey/observation	FIS
75.5	102.8	Walleye	Rare	Unknown	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP
26	37	Westslope Cutthroat Trout	Common	Year-round resident	Resident	Native	Hybridized species based on genetic analysis less than 90%	Extrapolated from multiple surveys/observations	FWP
46	56	Westslope Cutthroat Trout	Common	Year-round resident	Resident	Native	Hybridized species based on genetic analysis less	Extrapolated from multiple surveys/observations	FWP

							than 90%		
61	65.9	Westslope Cutthroat Trout	Rare	Unknown	Not applicable	Native	Hybridized and Pure populations exist in stream based on genetic analysis	Extrapolated from multiple surveys/observations	FWP
75.5	102.8	Westslope Cutthroat Trout	Rare	Year-round resident	Resident	Native	Hybridized and Pure populations exist in stream based on genetic analysis	Extrapolated from multiple surveys/observations	FWP
102.8	259.4	Westslope Cutthroat Trout	Rare	Year-round resident	Resident	Native	Hybridized and Pure populations exist in stream based on genetic analysis	Extrapolated from multiple surveys/observations	FWP
259.4	339.9	Westslope Cutthroat Trout	Rare	Year-round resident	Resident	Native	Unknown	Extrapolated from multiple surveys/observations	FWP
61	65.7	Yellow Bullhead	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP
75.5	102.8	Yellow Bullhead	Rare	Unknown	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP
61	65.7	Yellow Perch	Abundant	Year-round resident	Resident	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FIS
75.5	274.1	Yellow Perch	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP

**Population Surveys**

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<b>Section: Mussel Survey</b>												
<b>River Miles: 16.3 to 16.4</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/27/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP
<b>Section: Mussel Survey</b>												
<b>River Miles: 18.6 to 18.7</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/27/2007	Stagliano, David	Surveyed;no mussels	0	no estimate,	Catch per unit	-	-	-	N/A	Visual Observation	Medium quality	NHP

		found		presence only	effort							
<b>Section: Mussel Survey</b> <b>River Miles: 19.4 to 19.5</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/25/2008	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP
<b>Section: Below Noxon</b> <b>River Miles: 28 to 28.1</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/29/2009	Dossantos, Joe	Brown Trout	7	no estimate, counts only	Total number captured or presence only	330.2	457.2	399.1	mm	Angling	Medium quality	SCP
4/29/2009	Dossantos, Joe	Largescale Sucker	1	no estimate, counts only	Total number captured or presence only	-	-	381	mm	Angling	Medium quality	SCP
4/29/2009	Dossantos, Joe	Northern Pike	1	no estimate, counts only	Total number captured or presence only	-	-	600.6	mm	Angling	Medium quality	SCP
4/29/2009	Dossantos, Joe	Northern Pike Minnow	452	no estimate, counts only	Total number captured or presence only	152.4	711.2	382.3	mm	Angling	Medium quality	SCP
4/29/2009	Dossantos, Joe	Peamouth	26	no estimate, counts only	Total number captured or presence only	304.8	508	406.4	mm	Angling	Medium quality	SCP
4/29/2009	Dossantos, Joe	Smallmouth Bass	228	no estimate, counts only	Total number captured or presence only	76.2	533.4	239.9	mm	Angling	Medium quality	SCP
4/29/2009	Dossantos, Joe	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	152.4	711.2	382.3	mm	Angling	Medium quality	SCP

Section: QUINN												
River Miles: 31.2 to 36.8												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/1/1990	Berg, Rod	Brown Trout	4	per mile	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
9/1/1990	Berg, Rod	Rainbow Trout	170	per mile	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
9/1/1990	Berg, Rod	Westslope Cutthroat Trout	28	per mile	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
5/1/1990	Berg, Rod	Brown Trout	9	per mile	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
5/1/1990	Berg, Rod	Rainbow Trout	209	per mile	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
5/1/1990	Berg, Rod	Westslope Cutthroat Trout	42	per mile	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
9/1/1989	Berg, Rod	Rainbow Trout	44	per 1000 ft.	Peterson mark-recapture	7.1	-	-	in	Unknown	Medium quality	FWP
9/1/1989	Berg, Rod	Westslope Cutthroat Trout	4	per 1000 ft.	Peterson mark-recapture	7.1	-	-	in	Unknown	Medium quality	FWP
Section: ST REGIS												
River Miles: 51.9 to 52												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/1/1990	Berg, Rod	Brown Trout	20	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
9/1/1990	Berg, Rod	Westslope Cutthroat Trout	34	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
8/1/1990	Berg, Rod	Brown Trout	20	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
8/1/1990	Berg, Rod	Rainbow Trout	222	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
8/1/1990	Berg, Rod	Westslope Cutthroat Trout	34	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
5/1/1990	Berg, Rod	Brown Trout	15	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
5/1/1990	Berg, Rod	Rainbow Trout	248	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP

9/1/1989	N/A	Rainbow Trout	51	per 1000 ft.	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	UN
9/1/1989	N/A	Westslope Cutthroat Trout	11	per 1000 ft.	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	UN
9/1/1987	N/A	Rainbow Trout	41	per 1000 ft.	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	UN
8/1/1985	N/A	Rainbow Trout	52	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Unknown	Medium quality	UN
8/1/1985	N/A	Westslope Cutthroat Trout	4	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Unknown	Medium quality	UN

**Section:** Mussel Survey  
**River Miles:** 62.8 to 62.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/25/2008	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

**Section:** Below PPL Dam  
**River Miles:** 64.2 to 65.7

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/29/2012	Bollman, Caleb	Rainbow Trout	13	no estimate, counts only	Total number captured or presence only	183	410	333	mm	Angling	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Brown Trout	4	no estimate, counts only	Total number captured or presence only	168	360	253.8	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Lake Whitefish	13	no estimate, counts only	Total number captured or presence only	412	470	444.8	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Largescale Sucker	74	no estimate, counts only	Total number captured or presence only	412	580	473.6	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Longnose Sucker	21	no estimate, counts only	Total number captured or	192	528	469.2	mm	Boat shocking with boom	Good quality	FIS

					presence only							
5/21/2012	Breidinger, Kenneth	Mountain Whitefish	17	no estimate, counts only	Total number captured or presence only	128	375	180.1	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Northern Pike	2	no estimate, counts only	Total number captured or presence only	600	710	655	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Northern Pike Minnow	3	no estimate, counts only	Total number captured or presence only	470	585	521	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Peamouth	1	no estimate, counts only	Total number captured or presence only	355	355	355	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Rainbow Trout	8	no estimate, counts only	Total number captured or presence only	157	485	290.3	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Smallmouth Bass	1	no estimate, counts only	Total number captured or presence only	277	277	277	mm	Boat shocking with boom	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	222	300	259	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Brook Trout	1	no estimate, counts only	Total number captured or presence only	157	157	157	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Brown Trout	6	no estimate, counts only	Total number captured or presence only	184	355	262.7	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Lake Whitefish	7	no estimate, counts only	Total number captured or	408	468	442.1	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/3/2012	Breidinger, Kenneth	Lake Whitefish	44	no estimate, counts only	Total number captured or presence only	400	535	443.9	mm	Gill netting	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Largescale Sucker	6	no estimate, counts only	Total number captured or presence only	410	505	462.3	mm	Gill netting	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Largescale Sucker	35	no estimate, counts only	Total number captured or presence only	408	531	465.2	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Longnose Sucker	7	no estimate, counts only	Total number captured or presence only	455	522	485.4	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Mountain Whitefish	35	no estimate, counts only	Total number captured or presence only	141	420	278.2	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Northern Pike	1	no estimate, counts only	Total number captured or presence only	762	762	762	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Northern Pike	1	no estimate, counts only	Total number captured or presence only	650	650	650	mm	Gill netting	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Northern Pike Minnow	3	no estimate, counts only	Total number captured or presence only	372	606	501.7	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Rainbow Trout	41	no estimate, counts only	Total number captured or presence only	117	534	256.9	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or	430	430	430	mm	Gill netting	Good quality	FIS



					presence only							
4/3/2012	Breidinger, Kenneth	Smallmouth Bass	1	no estimate, counts only	Total number captured or presence only	373	373	373	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Walleye	14	no estimate, counts only	Total number captured or presence only	380	621	494.1	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Walleye	5	no estimate, counts only	Total number captured or presence only	398	555	479.2	mm	Gill netting	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	237	288	251.6	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	252	252	252	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Yellow Perch	2	no estimate, counts only	Total number captured or presence only	207	218	212.5	mm	Boat shocking with boom	Good quality	FIS
3/27/2012	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	284	284	284	mm	Boat shocking with boom	Good quality	FIS
3/27/2012	Breidinger, Kenneth	Largescale Sucker	46	no estimate, counts only	Total number captured or presence only	378	530	452.4	mm	Boat shocking with boom	Good quality	FIS
3/27/2012	Breidinger, Kenneth	Longnose Sucker	3	no estimate, counts only	Total number captured or presence only	406	522	466	mm	Boat shocking with boom	Good quality	FIS
3/27/2012	Breidinger, Kenneth	Mountain Whitefish	6	no estimate, counts only	Total number captured or	240	275	252.8	mm	Boat shocking with boom	Good quality	FIS

					presence only							
3/27/2012	Breidinger, Kenneth	Rainbow Trout	6	no estimate, counts only	Total number captured or presence only	211	340	243.5	mm	Boat shocking with boom	Good quality	FIS
3/27/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	258	258	258	mm	Boat shocking with boom	Good quality	FIS
3/19/2012	Breidinger, Kenneth	Brook Trout	1	no estimate, counts only	Total number captured or presence only	217	217	217	mm	Boat shocking with boom	Good quality	FIS
3/19/2012	Breidinger, Kenneth	Brown Trout	2	no estimate, counts only	Total number captured or presence only	255	271	263	mm	Boat shocking with boom	Good quality	FIS
3/19/2012	Breidinger, Kenneth	Lake Whitefish	14	no estimate, counts only	Total number captured or presence only	415	460	439.5	mm	Boat shocking with boom	Good quality	FIS
3/19/2012	Breidinger, Kenneth	Largescale Sucker	30	no estimate, counts only	Total number captured or presence only	412	540	458.4	mm	Boat shocking with boom	Good quality	FIS
3/19/2012	Breidinger, Kenneth	Longnose Sucker	1	no estimate, counts only	Total number captured or presence only	495	495	495	mm	Boat shocking with boom	Good quality	FIS
3/19/2012	Breidinger, Kenneth	Mountain Whitefish	6	no estimate, counts only	Total number captured or presence only	225	392	322.8	mm	Boat shocking with boom	Good quality	FIS
3/19/2012	Breidinger, Kenneth	Rainbow Trout	6	no estimate, counts only	Total number captured or presence only	156	460	298.5	mm	Boat shocking with boom	Good quality	FIS
3/13/2012	Breidinger, Kenneth	Largescale Sucker	32	no estimate, counts only	Total number captured or	397	560	457.6	mm	Boat shocking with boom	Good quality	FIS

					presence only							
3/13/2012	Breidinger, Kenneth	Mountain Whitefish	3	no estimate, counts only	Total number captured or presence only	298	305	301	mm	Boat shocking with boom	Good quality	FIS
3/13/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	412	412	412	mm	Boat shocking with boom	Good quality	FIS
3/13/2012	Breidinger, Kenneth	Rainbow X Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	498	498	498	mm	Boat shocking with boom	Good quality	FIS
3/6/2012	Breidinger, Kenneth	Brown Trout	6	no estimate, counts only	Total number captured or presence only	220	421	318.5	mm	Boat shocking with boom	Good quality	FIS
3/6/2012	Breidinger, Kenneth	Largescale Sucker	24	no estimate, counts only	Total number captured or presence only	412	500	458.6	mm	Boat shocking with boom	Good quality	FIS
3/6/2012	Breidinger, Kenneth	Mountain Whitefish	11	no estimate, counts only	Total number captured or presence only	238	420	330.8	mm	Boat shocking with boom	Good quality	FIS
3/6/2012	Breidinger, Kenneth	Rainbow Trout	5	no estimate, counts only	Total number captured or presence only	220	255	240.4	mm	Boat shocking with boom	Good quality	FIS
3/6/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	340	343	341.5	mm	Boat shocking with boom	Good quality	FIS

**Section:** Thompson Falls Fish Ladder  
**River Miles:** 65.6 to 65.7

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/14/2012	Breidinger, Kenneth	Largescale Sucker	174	no estimate, counts only	Total number captured or	-	469	380.4	mm	Other	Good quality	FIS

					presence only							
7/14/2012	Breidinger, Kenneth	Mountain Whitefish	1	no estimate, counts only	Total number captured or presence only	370	370	370	mm	Other	Good quality	FIS
7/14/2012	Breidinger, Kenneth	Northern Pike Minnow	123	no estimate, counts only	Total number captured or presence only	-	503	351.7	mm	Other	Good quality	FIS
7/13/2012	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	391	391	391	mm	Other	Good quality	FIS
7/13/2012	Breidinger, Kenneth	Largescale Sucker	204	no estimate, counts only	Total number captured or presence only	-	484	399.7	mm	Other	Good quality	FIS
7/13/2012	Breidinger, Kenneth	Northern Pike Minnow	211	no estimate, counts only	Total number captured or presence only	-	487	374.3	mm	Other	Good quality	FIS
7/13/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	415	415	415	mm	Other	Good quality	FIS
7/12/2012	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	463	463	463	mm	Other	Good quality	FIS
7/12/2012	Breidinger, Kenneth	Largescale Sucker	100	no estimate, counts only	Total number captured or presence only	-	452	406.6	mm	Other	Good quality	FIS
7/12/2012	Breidinger, Kenneth	Northern Pike Minnow	157	no estimate, counts only	Total number captured or presence only	-	452	355.1	mm	Other	Good quality	FIS
7/12/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or	432	432	432	mm	Other	Good quality	FIS

					presence only							
7/11/2012	Breidinger, Kenneth	Largescale Sucker	111	no estimate, counts only	Total number captured or presence only	-	472	404.4	mm	Other	Good quality	FIS
7/11/2012	Breidinger, Kenneth	Northern Pike Minnow	46	no estimate, counts only	Total number captured or presence only	-	512	353.7	mm	Other	Good quality	FIS
7/10/2012	Breidinger, Kenneth	Largescale Sucker	39	no estimate, counts only	Total number captured or presence only	-	465	397.5	mm	Other	Good quality	FIS
7/10/2012	Breidinger, Kenneth	Northern Pike Minnow	73	no estimate, counts only	Total number captured or presence only	-	530	361.5	mm	Other	Good quality	FIS
7/10/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	435	435	435	mm	Other	Good quality	FIS
7/9/2012	Breidinger, Kenneth	Largescale Sucker	133	no estimate, counts only	Total number captured or presence only	-	468	365.9	mm	Other	Good quality	FIS
7/9/2012	Breidinger, Kenneth	Northern Pike Minnow	151	no estimate, counts only	Total number captured or presence only	-	521	328.4	mm	Other	Good quality	FIS
7/9/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	450	450	450	mm	Other	Good quality	FIS
7/8/2012	Breidinger, Kenneth	Brown Trout	3	no estimate, counts only	Total number captured or presence only	377	550	490.7	mm	Other	Good quality	FIS
7/8/2012	Breidinger, Kenneth	Largescale Sucker	8	no estimate, counts only	Total number captured or	380	430	411.4	mm	Other	Good quality	FIS

					presence only							
7/8/2012	Breidinger, Kenneth	Northern Pike Minnow	3	no estimate, counts only	Total number captured or presence only	348	495	407.7	mm	Other	Good quality	FIS
7/8/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	465	465	465	mm	Other	Good quality	FIS
7/5/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	4300	4300	4300	mm	Other	Good quality	FIS
6/4/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	459	459	459	mm	Other	Good quality	FIS
6/2/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	450	450	450	mm	Other	Good quality	FIS
5/21/2012	Breidinger, Kenneth	Bull Trout	1	no estimate, counts only	Total number captured or presence only	563	563	563	mm	Other	Good quality	FIS
5/18/2012	Breidinger, Kenneth	Largescale Sucker	1	no estimate, counts only	Total number captured or presence only	450	450	450	mm	Other	Good quality	FIS
5/15/2012	Breidinger, Kenneth	Bull Trout	1	no estimate, counts only	Total number captured or presence only	510	510	510	mm	Other	Good quality	FIS
5/15/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	515	515	515	mm	Other	Good quality	FIS
5/14/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or	440	440	440	mm	Other	Good quality	FIS

					presence only							
5/10/2012	Breidinger, Kenneth	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	385	432	405.7	mm	Other	Good quality	FIS
5/9/2012	Breidinger, Kenneth	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	405	468	436.5	mm	Other	Good quality	FIS
5/9/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	372	372	372	mm	Other	Good quality	FIS
4/24/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	228	228	228	mm	Other	Good quality	FIS
4/15/2012	Breidinger, Kenneth	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	382	456	415	mm	Other	Good quality	FIS
4/13/2012	Breidinger, Kenneth	Lake Trout	1	no estimate, counts only	Total number captured or presence only	620	620	620	mm	Other	Good quality	FIS
4/13/2012	Breidinger, Kenneth	Rainbow Trout	8	no estimate, counts only	Total number captured or presence only	313	491	434.5	mm	Other	Good quality	FIS
4/13/2012	Breidinger, Kenneth	Rainbow X Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	412	412	412	mm	Other	Good quality	FIS
4/12/2012	Breidinger, Kenneth	Rainbow Trout	10	no estimate, counts only	Total number captured or presence only	375	542	444	mm	Other	Good quality	FIS
4/12/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or	382	418	400	mm	Other	Good quality	FIS

					presence only							
4/11/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	433	433	433	mm	Other	Good quality	FIS
4/3/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	474	474	474	mm	Other	Good quality	FIS
4/1/2012	Breidinger, Kenneth	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	410	525	472.3	mm	Other	Good quality	FIS
4/1/2012	Breidinger, Kenneth	Rainbow X Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	500	500	500	mm	Other	Good quality	FIS
4/1/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	407	407	407	mm	Other	Good quality	FIS
3/30/2012	Breidinger, Kenneth	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	441	519	488.3	mm	Other	Good quality	FIS
3/20/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	492	492	492	mm	Other	Good quality	FIS
3/18/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	423	423	423	mm	Other	Good quality	FIS
3/16/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	528	528	528	mm	Other	Good quality	FIS
3/14/2012	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or	471	471	471	mm	Other	Good quality	FIS



					presence only							
9/13/2011	Breidinger, Kenneth	Largescale Sucker	6	no estimate, counts only	Total number captured or presence only	200	478	397.7	mm	Boat shocking with boom	Good quality	FIS
9/13/2011	Breidinger, Kenneth	Smallmouth Bass	3	no estimate, counts only	Total number captured or presence only	244	462	323.3	mm	Boat shocking with boom	Good quality	FIS
6/23/2011	Breidinger, Kenneth	Lake Whitefish	6	no estimate, counts only	Total number captured or presence only	417	482	441.2	mm	Boat shocking with boom	Good quality	FIS
6/23/2011	Breidinger, Kenneth	Largescale Sucker	25	no estimate, counts only	Total number captured or presence only	205	508	449.9	mm	Boat shocking with boom	Good quality	FIS
6/23/2011	Breidinger, Kenneth	Longnose Sucker	21	no estimate, counts only	Total number captured or presence only	441	502	465.6	mm	Boat shocking with boom	Good quality	FIS
6/23/2011	Breidinger, Kenneth	Mountain Whitefish	8	no estimate, counts only	Total number captured or presence only	236	285	264.1	mm	Boat shocking with boom	Good quality	FIS
6/23/2011	Breidinger, Kenneth	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	520	520	520	mm	Boat shocking with boom	Good quality	FIS
6/23/2011	Breidinger, Kenneth	Peamouth	30	no estimate, counts only	Total number captured or presence only	244	346	324.9	mm	Boat shocking with boom	Good quality	FIS
6/23/2011	Breidinger, Kenneth	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	372	400	386	mm	Boat shocking with boom	Good quality	FIS
6/23/2011	Breidinger, Kenneth	Smallmouth Bass	4	no estimate, counts only	Total number captured or	202	370	258.5	mm	Boat shocking with boom	Good quality	FIS

					presence only							
6/22/2011	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	357	357	357	mm	Boat shocking with boom	Good quality	FIS
6/22/2011	Breidinger, Kenneth	Lake Whitefish	12	no estimate, counts only	Total number captured or presence only	371	441	414.3	mm	Boat shocking with boom	Good quality	FIS
6/22/2011	Breidinger, Kenneth	Largescale Sucker	17	no estimate, counts only	Total number captured or presence only	371	580	463.4	mm	Boat shocking with boom	Good quality	FIS
6/22/2011	Breidinger, Kenneth	Longnose Sucker	3	no estimate, counts only	Total number captured or presence only	431	483	451.3	mm	Boat shocking with boom	Good quality	FIS
6/22/2011	Breidinger, Kenneth	Mountain Whitefish	4	no estimate, counts only	Total number captured or presence only	245	277	262.5	mm	Boat shocking with boom	Good quality	FIS
6/22/2011	Breidinger, Kenneth	Peamouth	8	no estimate, counts only	Total number captured or presence only	271	345	322.6	mm	Boat shocking with boom	Good quality	FIS
6/22/2011	Breidinger, Kenneth	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	331	385	363.7	mm	Boat shocking with boom	Good quality	FIS
6/22/2011	Breidinger, Kenneth	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	160	160	160	mm	Boat shocking with boom	Good quality	FIS
6/15/2011	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	462	462	462	mm	Boat shocking with boom	Good quality	FIS
6/15/2011	Breidinger, Kenneth	Lake Whitefish	19	no estimate, counts only	Total number captured or	330	500	433.2	mm	Boat shocking with boom	Good quality	FIS

					presence only							
6/15/2011	Breidinger, Kenneth	Largescale Sucker	15	no estimate, counts only	Total number captured or presence only	262	551	445.7	mm	Boat shocking with boom	Good quality	FIS
6/15/2011	Breidinger, Kenneth	Longnose Sucker	5	no estimate, counts only	Total number captured or presence only	442	462	449.4	mm	Boat shocking with boom	Good quality	FIS
6/15/2011	Breidinger, Kenneth	Mountain Whitefish	13	no estimate, counts only	Total number captured or presence only	248	470	331	mm	Boat shocking with boom	Good quality	FIS
6/15/2011	Breidinger, Kenneth	Northern Pike Minnow	3	no estimate, counts only	Total number captured or presence only	326	486	430.7	mm	Boat shocking with boom	Good quality	FIS
6/15/2011	Breidinger, Kenneth	Peamouth	30	no estimate, counts only	Total number captured or presence only	286	446	331.5	mm	Boat shocking with boom	Good quality	FIS
6/15/2011	Breidinger, Kenneth	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	416	416	416	mm	Boat shocking with boom	Good quality	FIS
6/15/2011	Breidinger, Kenneth	Smallmouth Bass	1	no estimate, counts only	Total number captured or presence only	372	372	372	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	440	440	440	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Lake Whitefish	24	no estimate, counts only	Total number captured or presence only	369	464	423.6	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Largescale Sucker	29	no estimate, counts only	Total number captured or	391	565	455.7	mm	Boat shocking with boom	Good quality	FIS

					presence only							
6/14/2011	Breidinger, Kenneth	Longnose Sucker	11	no estimate, counts only	Total number captured or presence only	417	502	470.4	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Mountain Whitefish	13	no estimate, counts only	Total number captured or presence only	254	410	341.4	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Northern Pike	1	no estimate, counts only	Total number captured or presence only	442	442	442	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	321	321	321	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Peamouth	37	no estimate, counts only	Total number captured or presence only	298	354	324.6	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Rainbow Trout	10	no estimate, counts only	Total number captured or presence only	210	435	356	mm	Boat shocking with boom	Good quality	FIS
6/14/2011	Breidinger, Kenneth	Smallmouth Bass	1	no estimate, counts only	Total number captured or presence only	305	305	305	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Brown Trout	3	no estimate, counts only	Total number captured or presence only	120	353	229.3	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Lake Whitefish	38	no estimate, counts only	Total number captured or presence only	360	492	418	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Largescale Sucker	32	no estimate, counts only	Total number captured or	325	512	451.8	mm	Boat shocking with boom	Good quality	FIS

					presence only							
6/8/2011	Breidinger, Kenneth	Longnose Sucker	23	no estimate, counts only	Total number captured or presence only	238	542	456.6	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Mountain Whitefish	14	no estimate, counts only	Total number captured or presence only	165	460	313.5	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Northern Pike	1	no estimate, counts only	Total number captured or presence only	521	521	521	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	508	508	508	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Peamouth	11	no estimate, counts only	Total number captured or presence only	282	338	323	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	130	375	264	mm	Boat shocking with boom	Good quality	FIS
6/8/2011	Breidinger, Kenneth	Smallmouth Bass	7	no estimate, counts only	Total number captured or presence only	200	380	264.6	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Brown Trout	2	no estimate, counts only	Total number captured or presence only	182	286	234	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Lake Whitefish	33	no estimate, counts only	Total number captured or presence only	143	530	419.5	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Largescale Sucker	27	no estimate, counts only	Total number captured or	223	544	458.1	mm	Boat shocking with boom	Good quality	FIS

					presence only							
6/7/2011	Breidinger, Kenneth	Longnose Sucker	15	no estimate, counts only	Total number captured or presence only	428	502	470.1	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Mountain Whitefish	10	no estimate, counts only	Total number captured or presence only	232	283	260.6	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Northern Pike Minnow	3	no estimate, counts only	Total number captured or presence only	145	542	282.3	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Peamouth	4	no estimate, counts only	Total number captured or presence only	312	355	331.3	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Pumpkinseed	1	no estimate, counts only	Total number captured or presence only	135	135	135	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Rainbow Trout	16	no estimate, counts only	Total number captured or presence only	155	421	280.8	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Smallmouth Bass	3	no estimate, counts only	Total number captured or presence only	205	292	244	mm	Boat shocking with boom	Good quality	FIS
6/7/2011	Breidinger, Kenneth	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	272	280	276	mm	Boat shocking with boom	Good quality	FIS
6/1/2011	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	260	260	260	mm	Boat shocking with boom	Good quality	FIS
6/1/2011	Breidinger, Kenneth	Lake Whitefish	27	no estimate, counts only	Total number captured or	391	3838	563.3	mm	Boat shocking with boom	Good quality	FIS

					presence only							
6/1/2011	Breidinger, Kenneth	Largescale Sucker	13	no estimate, counts only	Total number captured or presence only	138	505	425.6	mm	Boat shocking with boom	Good quality	FIS
6/1/2011	Breidinger, Kenneth	Longnose Sucker	21	no estimate, counts only	Total number captured or presence only	412	512	461.3	mm	Boat shocking with boom	Good quality	FIS
6/1/2011	Breidinger, Kenneth	Mountain Whitefish	10	no estimate, counts only	Total number captured or presence only	242	408	306.3	mm	Boat shocking with boom	Good quality	FIS
6/1/2011	Breidinger, Kenneth	Rainbow Trout	7	no estimate, counts only	Total number captured or presence only	181	444	322.3	mm	Boat shocking with boom	Good quality	FIS
6/1/2011	Breidinger, Kenneth	Smallmouth Bass	3	no estimate, counts only	Total number captured or presence only	192	340	247.7	mm	Boat shocking with boom	Good quality	FIS
6/1/2011	Breidinger, Kenneth	Walleye	1	no estimate, counts only	Total number captured or presence only	580	580	580	mm	Boat shocking with boom	Good quality	FIS
6/1/2011	Breidinger, Kenneth	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	287	299	293	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Brown Trout	2	no estimate, counts only	Total number captured or presence only	206	215	210.5	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Bull Trout	3	no estimate, counts only	Total number captured or presence only	180	482	303	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Lake Whitefish	26	no estimate, counts only	Total number captured or	392	485	430.5	mm	Boat shocking with boom	Good quality	FIS

					presence only							
5/31/2011	Breidinger, Kenneth	Largescale Sucker	9	no estimate, counts only	Total number captured or presence only	408	490	450.3	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Longnose Sucker	16	no estimate, counts only	Total number captured or presence only	435	535	470.8	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Mountain Whitefish	6	no estimate, counts only	Total number captured or presence only	175	295	250	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Northern Pike	2	no estimate, counts only	Total number captured or presence only	408	549	478.5	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	442	442	442	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Peamouth	2	no estimate, counts only	Total number captured or presence only	310	318	314	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Rainbow Trout	18	no estimate, counts only	Total number captured or presence only	170	485	315	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Smallmouth Bass	3	no estimate, counts only	Total number captured or presence only	72	262	193.7	mm	Boat shocking with boom	Good quality	FIS
5/31/2011	Breidinger, Kenneth	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	286	287	286.5	mm	Boat shocking with boom	Good quality	FIS
5/18/2011	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or	162	162	162	mm	Boat shocking with boom	Good quality	FIS



					presence only							
5/18/2011	Breidinger, Kenneth	Largescale Sucker	9	no estimate, counts only	Total number captured or presence only	405	521	455.1	mm	Boat shocking with boom	Good quality	FIS
5/18/2011	Breidinger, Kenneth	Longnose Sucker	11	no estimate, counts only	Total number captured or presence only	432	520	483	mm	Boat shocking with boom	Good quality	FIS
5/18/2011	Breidinger, Kenneth	Mountain Whitefish	12	no estimate, counts only	Total number captured or presence only	135	271	186.8	mm	Boat shocking with boom	Good quality	FIS
5/18/2011	Breidinger, Kenneth	Northern Pike	1	no estimate, counts only	Total number captured or presence only	722	722	722	mm	Boat shocking with boom	Good quality	FIS
5/18/2011	Breidinger, Kenneth	Peamouth	1	no estimate, counts only	Total number captured or presence only	348	348	348	mm	Boat shocking with boom	Good quality	FIS
5/18/2011	Breidinger, Kenneth	Rainbow Trout	7	no estimate, counts only	Total number captured or presence only	70	470	308.7	mm	Boat shocking with boom	Good quality	FIS
5/18/2011	Breidinger, Kenneth	Smallmouth Bass	5	no estimate, counts only	Total number captured or presence only	168	251	226.2	mm	Boat shocking with boom	Good quality	FIS
5/18/2011	Breidinger, Kenneth	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	272	272	272	mm	Boat shocking with boom	Good quality	FIS
5/2/2011	Breidinger, Kenneth	Largescale Sucker	31	no estimate, counts only	Total number captured or presence only	428	557	483.7	mm	Boat shocking with boom	Good quality	FIS
5/2/2011	Breidinger, Kenneth	Longnose Sucker	2	no estimate, counts only	Total number captured or	441	525	483	mm	Boat shocking with boom	Good quality	FIS

					presence only							
5/2/2011	Breidinger, Kenneth	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	485	485	485	mm	Boat shocking with boom	Good quality	FIS
5/2/2011	Breidinger, Kenneth	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	165	422	328.3	mm	Boat shocking with boom	Good quality	FIS
3/28/2011	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	305	305	305	mm	Boat shocking with boom	Good quality	FIS
3/28/2011	Breidinger, Kenneth	Largescale Sucker	31	no estimate, counts only	Total number captured or presence only	220	525	446.5	mm	Boat shocking with boom	Good quality	FIS
3/28/2011	Breidinger, Kenneth	Mountain Whitefish	5	no estimate, counts only	Total number captured or presence only	248	400	362.2	mm	Boat shocking with boom	Good quality	FIS
3/28/2011	Breidinger, Kenneth	Rainbow Trout	6	no estimate, counts only	Total number captured or presence only	135	522	318	mm	Boat shocking with boom	Good quality	FIS
3/28/2011	Breidinger, Kenneth	Yellow Perch	1	no estimate, counts only	Total number captured or presence only	174	174	174	mm	Boat shocking with boom	Good quality	FIS
3/25/2011	Breidinger, Kenneth	Brown Trout	2	no estimate, counts only	Total number captured or presence only	215	270	242.5	mm	Boat shocking with boom	Good quality	FIS
3/25/2011	Breidinger, Kenneth	Lake Whitefish	1	no estimate, counts only	Total number captured or presence only	465	465	465	mm	Boat shocking with boom	Good quality	FIS
3/25/2011	Breidinger, Kenneth	Largescale Sucker	22	no estimate, counts only	Total number captured or	408	631	456.1	mm	Boat shocking with boom	Good quality	FIS

					presence only							
3/25/2011	Breidinger, Kenneth	Mountain Whitefish	11	no estimate, counts only	Total number captured or presence only	231	387	277.5	mm	Boat shocking with boom	Good quality	FIS
3/18/2011	Breidinger, Kenneth	Brown Trout	1	no estimate, counts only	Total number captured or presence only	357	357	357	mm	Boat shocking with boom	Good quality	FIS
3/18/2011	Breidinger, Kenneth	Largescale Sucker	19	no estimate, counts only	Total number captured or presence only	402	638	465.6	mm	Boat shocking with boom	Good quality	FIS
3/18/2011	Breidinger, Kenneth	Mountain Whitefish	5	no estimate, counts only	Total number captured or presence only	220	266	241.2	mm	Boat shocking with boom	Good quality	FIS
3/18/2011	Breidinger, Kenneth	Rainbow Trout	8	no estimate, counts only	Total number captured or presence only	401	543	474	mm	Boat shocking with boom	Good quality	FIS
3/18/2011	Breidinger, Kenneth	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	305	305	305	mm	Boat shocking with boom	Good quality	FIS

**Section:** Thompson Falls res  
**River Miles:** 65.8 to 66.8

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/16/2012	Breidinger, Kenneth	Black Bullhead	1	no estimate, counts only	Total number captured or presence only	202	202	202	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Brown Trout	7	no estimate, counts only	Total number captured or presence only	91	205	171.3	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Bull Trout	1	no estimate, counts only	Total number captured or	222	222	222	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/16/2012	Breidinger, Kenneth	Largemouth Bass	10	no estimate, counts only	Total number captured or presence only	175	395	245.4	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Largescale Sucker	25	no estimate, counts only	Total number captured or presence only	81	560	304.2	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Longnose Sucker	6	no estimate, counts only	Total number captured or presence only	167	326	208.5	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Mountain Whitefish	1	no estimate, counts only	Total number captured or presence only	312	312	312	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Northern Pike	10	no estimate, counts only	Total number captured or presence only	261	552	374.2	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Northern Pike Minnow	17	no estimate, counts only	Total number captured or presence only	76	160	122	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Peamouth	1	no estimate, counts only	Total number captured or presence only	125	125	125	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Pumpkinseed	2	no estimate, counts only	Total number captured or presence only	83	102	92.5	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	235	430	308.5	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Smallmouth Bass	1	no estimate, counts only	Total number captured or	136	136	136	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/16/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	242	276	259	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Breidinger, Kenneth	Yellow Perch	11	no estimate, counts only	Total number captured or presence only	122	225	175.9	mm	Boat shocking with boom	Good quality	FIS

**Section:** Thompson Falls reservoir  
**River Miles:** 69.1 to 71.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/17/2012	Breidinger, Kenneth	Brown Trout	21	no estimate, counts only	Total number captured or presence only	161	435	220.1	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Bull Trout	1	no estimate, counts only	Total number captured or presence only	260	260	260	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Largescale Sucker	122	no estimate, counts only	Total number captured or presence only	80	530	232.7	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Mountain Whitefish	20	no estimate, counts only	Total number captured or presence only	115	380	199.8	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Northern Pike	3	no estimate, counts only	Total number captured or presence only	210	282	252.3	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Northern Pike Minnow	36	no estimate, counts only	Total number captured or presence only	65	586	228	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Rainbow Trout	46	no estimate, counts only	Total number captured or	135	485	218.5	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/17/2012	Breidinger, Kenneth	Rainbow X Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	210	250	230	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Redside Shiner	1	no estimate, counts only	Total number captured or presence only	90	90	90	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Smallmouth Bass	2	no estimate, counts only	Total number captured or presence only	102	318	210	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	285	285	285	mm	Boat shocking with boom	Good quality	FIS

**Section:** N/A  
**River Miles:** 70.7 to 72.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/1/1985	Berg, Rod	Brown Trout	2	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Backpack shocking	Medium quality	FWP
8/1/1985	Berg, Rod	Bull Trout	2	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Backpack shocking	Medium quality	FWP
8/1/1985	Berg, Rod	Westslope Cutthroat Trout	4	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Backpack shocking	Medium quality	FWP

**Section:** N/A  
**River Miles:** 72.5 to 72.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/1/1985	Berg, Rod	Bull Trout	25	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Unknown	Medium quality	FWP

**Section:** Above islands  
**River Miles:** 75.5 to 79.4

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/23/2012	Breidinger, Kenneth	Brown Trout	13	no estimate, counts	Total number captured	202	340	275.5	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/23/2012	Breidinger, Kenneth	Largescale Sucker	49	no estimate, counts only	Total number captured or presence only	155	568	453.8	mm	Boat shocking with boom	Good quality	FIS
10/23/2012	Breidinger, Kenneth	Longnose Sucker	1	no estimate, counts only	Total number captured or presence only	410	410	410	mm	Boat shocking with boom	Good quality	FIS
10/23/2012	Breidinger, Kenneth	Mountain Whitefish	191	no estimate, counts only	Total number captured or presence only	112	442	255.5	mm	Boat shocking with boom	Good quality	FIS
10/23/2012	Breidinger, Kenneth	Northern Pike	11	no estimate, counts only	Total number captured or presence only	348	750	530.6	mm	Boat shocking with boom	Good quality	FIS
10/23/2012	Breidinger, Kenneth	Northern Pike Minnow	26	no estimate, counts only	Total number captured or presence only	147	488	381.3	mm	Boat shocking with boom	Good quality	FIS
10/23/2012	Breidinger, Kenneth	Rainbow Trout	17	no estimate, counts only	Total number captured or presence only	195	406	284.5	mm	Boat shocking with boom	Good quality	FIS
10/23/2012	Breidinger, Kenneth	Redside Shiner	2	no estimate, counts only	Total number captured or presence only	106	123	114.5	mm	Boat shocking with boom	Good quality	FIS
10/23/2012	Breidinger, Kenneth	Smallmouth Bass	2	no estimate, counts only	Total number captured or presence only	213	288	250.5	mm	Boat shocking with boom	Good quality	FIS
10/23/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	265	300	282.5	mm	Boat shocking with boom	Good quality	FIS
10/22/2012	Breidinger, Kenneth	Brown Trout	3	no estimate, counts	Total number captured	227	321	272.7	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/22/2012	Breidinger, Kenneth	Largescale Sucker	52	no estimate, counts only	Total number captured or presence only	308	562	464.8	mm	Boat shocking with boom	Good quality	FIS
10/22/2012	Breidinger, Kenneth	Mountain Whitefish	206	no estimate, counts only	Total number captured or presence only	111	428	273.1	mm	Boat shocking with boom	Good quality	FIS
10/22/2012	Breidinger, Kenneth	Northern Pike	1	no estimate, counts only	Total number captured or presence only	325	325	325	mm	Boat shocking with boom	Good quality	FIS
10/22/2012	Breidinger, Kenneth	Northern Pike Minnow	23	no estimate, counts only	Total number captured or presence only	353	551	442.2	mm	Boat shocking with boom	Good quality	FIS
10/22/2012	Breidinger, Kenneth	Rainbow Trout	20	no estimate, counts only	Total number captured or presence only	227	471	332.1	mm	Boat shocking with boom	Good quality	FIS
10/22/2012	Breidinger, Kenneth	Rainbow X Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	231	231	231	mm	Boat shocking with boom	Good quality	FIS

**Section:** Paradise to Plains  
**River Miles:** 94.1 to 101.1

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/30/2012	Breidinger, Kenneth	Brown Trout	25	no estimate, counts only	Total number captured or presence only	110	447	250.5	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Bull Trout	2	no estimate, counts only	Total number captured or presence only	444	472	458	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Largescale Sucker	523	no estimate, counts	Total number captured	94	567	295.7	mm	Boat shocking with boom	Good quality	FIS



				only	or presence only							
10/30/2012	Breidinger, Kenneth	Longnose Sucker	1	no estimate, counts only	Total number captured or presence only	524	524	524	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Mountain Whitefish	265	no estimate, counts only	Total number captured or presence only	192	469	275.2	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Northern Pike	1	no estimate, counts only	Total number captured or presence only	702	702	702	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Northern Pike Minnow	266	no estimate, counts only	Total number captured or presence only	142	612	275.7	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Peamouth	5	no estimate, counts only	Total number captured or presence only	183	392	243	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Rainbow Trout	53	no estimate, counts only	Total number captured or presence only	172	467	317.5	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Redside Shiner	29	no estimate, counts only	Total number captured or presence only	64	146	109.9	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Smallmouth Bass	1	no estimate, counts only	Total number captured or presence only	66	66	66	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Westslope Cutthroat Trout	18	no estimate, counts only	Total number captured or presence only	216	425	270.3	mm	Boat shocking with boom	Good quality	FIS
10/30/2012	Breidinger, Kenneth	Westslope X Rainbow	3	no estimate, counts	Total number captured	250	415	332	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
<b>Section:</b> Paradise to Plains												
<b>River Miles:</b> 94.6 to 100.9												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/19/2010	Hanson, Jon	Brown Trout	4.3	fish/hour	Catch per unit effort	195	350	237.4	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Brown Trout	1.1	fish/hour	Catch per unit effort	195	281	238	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Largescale Sucker	23.2	fish/hour	Catch per unit effort	138	552	374	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Largescale Sucker	28.3	fish/hour	Catch per unit effort	147	570	384.1	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Mountain Whitefish	18.7	fish/hour	Catch per unit effort	115	370	222.1	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Mountain Whitefish	28.2	fish/hour	Catch per unit effort	112	410	266.9	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Northern Pike Minnow	39	fish/hour	Catch per unit effort	92	532	257.9	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Northern Pike Minnow	51.9	fish/hour	Catch per unit effort	115	521	335.9	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Rainbow Trout	16	fish/hour	Catch per unit effort	125	430	257	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Rainbow Trout	7.3	fish/hour	Catch per unit effort	188	418	277.3	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Redside Shiner	1.1	fish/hour	Catch per unit effort	78	88	83	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Redside Shiner	0.5	fish/hour	Catch per unit effort	-	-	91	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Smallmouth Bass	0.5	fish/hour	Catch per unit effort	-	-	115	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Smallmouth Bass	0.6	fish/hour	Catch per unit effort	-	-	132	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Westslope Cutthroat Trout	7.3	fish/hour	Catch per unit effort	256	462	356.6	mm	Electrofishing	Good quality	FWP
10/19/2010	Hanson, Jon	Westslope Cutthroat Trout	2.1	fish/hour	Catch per unit effort	250	383	315	mm	Electrofishing	Good quality	FWP

10/19/2010	Hanson, Jon	Yellow Perch	0.6	fish/hour	Catch per unit effort	-	-	75	mm	Electrofishing	Good quality	FWP
<b>Section: QUINNS</b> <b>River Miles: 102.9 to 108.6</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/3/2011	Schmetterling, David	Brown Trout	1	no estimate, counts only	Total number captured or presence only	212	212	212	mm	Boat shocking with boom	Good quality	FIS
10/3/2011	Schmetterling, David	Rainbow Trout	36	no estimate, counts only	Total number captured or presence only	175	480	270.6	mm	Boat shocking with boom	Good quality	FIS
10/3/2011	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	205	387	300.5	mm	Boat shocking with boom	Good quality	FIS
10/13/2010	Schmetterling, David	Brown Trout	1	no estimate, counts only	Total number captured or presence only	349	349	349	mm	Boat shocking with boom	Good quality	FIS
10/13/2010	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	270	270	270	mm	Boat shocking with boom	Good quality	FIS
10/13/2010	Schmetterling, David	Rainbow Trout	77	no estimate, counts only	Total number captured or presence only	195	505	372.7	mm	Boat shocking with boom	Good quality	FIS
10/13/2010	Schmetterling, David	Westslope Cutthroat Trout	47	no estimate, counts only	Total number captured or presence only	208	485	360.3	mm	Boat shocking with boom	Good quality	FIS
10/7/2010	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	200	434	317	mm	Boat shocking with boom	Good quality	FIS
10/7/2010	Schmetterling, David	Rainbow Trout	28	no estimate, counts	Total number captured	181	452	361.5	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/7/2010	Schmetterling, David	Westslope Cutthroat Trout	28	no estimate, counts only	Total number captured or presence only	240	410	358.7	mm	Boat shocking with boom	Good quality	FIS
10/6/2010	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	358	511	434.5	mm	Boat shocking with boom	Good quality	FIS
10/6/2010	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	570	570	570	mm	Boat shocking with boom	Good quality	FIS
10/6/2010	Schmetterling, David	Rainbow Trout	56	no estimate, counts only	Total number captured or presence only	192	490	380	mm	Boat shocking with boom	Good quality	FIS
10/6/2010	Schmetterling, David	Smallmouth Bass	1	no estimate, counts only	Total number captured or presence only	306	306	306	mm	Boat shocking with boom	Good quality	FIS
10/6/2010	Schmetterling, David	Westslope Cutthroat Trout	38	no estimate, counts only	Total number captured or presence only	222	485	357	mm	Boat shocking with boom	Good quality	FIS
9/25/1990	Berg, Rod	Rainbow Trout	54	no estimate, counts only	Total number captured or presence only	207	468	342.7	mm	Boat shocking with boom	Good quality	FIS
9/25/1990	Berg, Rod	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	250	356	306.3	mm	Boat shocking with boom	Good quality	FIS
9/24/1990	Berg, Rod	Brown Trout	2	no estimate, counts only	Total number captured or presence only	425	444	434.5	mm	Boat shocking with boom	Good quality	FIS
9/24/1990	Berg, Rod	Rainbow Trout	47	no estimate, counts	Total number captured	200	447	352.3	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
9/24/1990	Berg, Rod	Westslope Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	246	386	314.2	mm	Boat shocking with boom	Good quality	FIS
9/22/1990	Berg, Rod	Brown Trout	4	no estimate, counts only	Total number captured or presence only	350	523	407.3	mm	Boat shocking with boom	Good quality	FIS
9/22/1990	Berg, Rod	Bull Trout	1	no estimate, counts only	Total number captured or presence only	269	269	269	mm	Boat shocking with boom	Good quality	FIS
9/22/1990	Berg, Rod	Rainbow Trout	72	no estimate, counts only	Total number captured or presence only	205	478	343.3	mm	Boat shocking with boom	Good quality	FIS
9/22/1990	Berg, Rod	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	228	359	307.3	mm	Boat shocking with boom	Good quality	FIS
9/21/1990	Berg, Rod	Brown Trout	4	no estimate, counts only	Total number captured or presence only	200	507	386	mm	Boat shocking with boom	Good quality	FIS
9/21/1990	Berg, Rod	Rainbow Trout	51	no estimate, counts only	Total number captured or presence only	204	451	336.4	mm	Boat shocking with boom	Good quality	FIS
9/21/1990	Berg, Rod	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	243	408	313.3	mm	Boat shocking with boom	Good quality	FIS
9/10/1990	Berg, Rod	Brown Trout	4	no estimate, counts only	Total number captured or presence only	229	470	303.8	mm	Boat shocking with boom	Good quality	FIS
9/10/1990	Berg, Rod	Bull Trout	1	no estimate, counts	Total number captured	340	340	340	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
9/10/1990	Berg, Rod	Rainbow Trout	81	no estimate, counts only	Total number captured or presence only	195	483	329.9	mm	Boat shocking with boom	Good quality	FIS
9/10/1990	Berg, Rod	Westslope Cutthroat Trout	19	no estimate, counts only	Total number captured or presence only	236	395	319.1	mm	Boat shocking with boom	Good quality	FIS
9/7/1990	Berg, Rod	Brown Trout	1	no estimate, counts only	Total number captured or presence only	336	336	336	mm	Boat shocking with boom	Good quality	FIS
9/7/1990	Berg, Rod	Bull Trout	1	no estimate, counts only	Total number captured or presence only	391	391	391	mm	Boat shocking with boom	Good quality	FIS
9/7/1990	Berg, Rod	Rainbow Trout	42	no estimate, counts only	Total number captured or presence only	196	483	329.3	mm	Boat shocking with boom	Good quality	FIS
9/7/1990	Berg, Rod	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	229	354	294	mm	Boat shocking with boom	Good quality	FIS
9/6/1990	Berg, Rod	Brown Trout	4	no estimate, counts only	Total number captured or presence only	238	416	352	mm	Boat shocking with boom	Good quality	FIS
9/6/1990	Berg, Rod	Bull Trout	5	no estimate, counts only	Total number captured or presence only	311	451	386.8	mm	Boat shocking with boom	Good quality	FIS
9/6/1990	Berg, Rod	Rainbow Trout	59	no estimate, counts only	Total number captured or presence only	154	449	312	mm	Boat shocking with boom	Good quality	FIS
9/6/1990	Berg, Rod	Westslope Cutthroat Trout	16	no estimate, counts	Total number captured	211	354	283.3	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
9/5/1990	Berg, Rod	Brown Trout	1	no estimate, counts only	Total number captured or presence only	419	419	419	mm	Boat shocking with boom	Good quality	FIS
9/5/1990	Berg, Rod	Rainbow Trout	30	no estimate, counts only	Total number captured or presence only	221	448	349.2	mm	Boat shocking with boom	Good quality	FIS
9/5/1990	Berg, Rod	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	263	389	328.7	mm	Boat shocking with boom	Good quality	FIS
9/4/1990	Berg, Rod	Rainbow Trout	18	no estimate, counts only	Total number captured or presence only	184	323	231.2	mm	Boat shocking with boom	Good quality	FIS
5/31/1990	Berg, Rod	Rainbow Trout	111	no estimate, counts only	Total number captured or presence only	130	458	333.6	mm	Boat shocking with boom	Good quality	FIS
5/31/1990	Berg, Rod	Westslope Cutthroat Trout	19	no estimate, counts only	Total number captured or presence only	200	424	310.8	mm	Boat shocking with boom	Good quality	FIS
5/30/1990	Berg, Rod	Brown Trout	8	no estimate, counts only	Total number captured or presence only	124	543	386.6	mm	Boat shocking with boom	Good quality	FIS
5/30/1990	Berg, Rod	Rainbow Trout	152	no estimate, counts only	Total number captured or presence only	88	465	321.2	mm	Boat shocking with boom	Good quality	FIS
5/30/1990	Berg, Rod	Westslope Cutthroat Trout	46	no estimate, counts only	Total number captured or presence only	155	423	305.4	mm	Boat shocking with boom	Good quality	FIS
5/29/1990	Berg, Rod	Brown Trout	10	no estimate, counts	Total number captured	285	474	384	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
5/29/1990	Berg, Rod	Lake Trout	2	no estimate, counts only	Total number captured or presence only	447	479	463	mm	Boat shocking with boom	Good quality	FIS
5/29/1990	Berg, Rod	Rainbow Trout	184	no estimate, counts only	Total number captured or presence only	106	490	321.5	mm	Boat shocking with boom	Good quality	FIS
5/29/1990	Berg, Rod	Westslope Cutthroat Trout	27	no estimate, counts only	Total number captured or presence only	266	362	306	mm	Boat shocking with boom	Good quality	FIS
5/14/1990	Berg, Rod	Brown Trout	1	no estimate, counts only	Total number captured or presence only	176	176	176	mm	Boat shocking with boom	Good quality	FIS
5/14/1990	Berg, Rod	Rainbow Trout	65	no estimate, counts only	Total number captured or presence only	88	457	268.9	mm	Boat shocking with boom	Good quality	FIS
5/14/1990	Berg, Rod	Smallmouth Bass	1	no estimate, counts only	Total number captured or presence only	435	435	435	mm	Boat shocking with boom	Good quality	FIS
5/14/1990	Berg, Rod	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	122	297	237.8	mm	Boat shocking with boom	Good quality	FIS
5/11/1990	Berg, Rod	Brown Trout	5	no estimate, counts only	Total number captured or presence only	108	360	214.2	mm	Boat shocking with boom	Good quality	FIS
5/11/1990	Berg, Rod	Bull Trout	2	no estimate, counts only	Total number captured or presence only	297	327	312	mm	Boat shocking with boom	Good quality	FIS
5/11/1990	Berg, Rod	Rainbow Trout	97	no estimate, counts	Total number captured	86	452	295.6	mm	Boat shocking with boom	Good quality	FIS



				only	or presence only							
5/11/1990	Berg, Rod	Smallmouth Bass	1	no estimate, counts only	Total number captured or presence only	420	420	420	mm	Boat shocking with boom	Good quality	FIS
5/11/1990	Berg, Rod	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	248	301	271.6	mm	Boat shocking with boom	Good quality	FIS
5/10/1990	Berg, Rod	Brown Trout	7	no estimate, counts only	Total number captured or presence only	336	500	425.4	mm	Boat shocking with boom	Good quality	FIS
5/10/1990	Berg, Rod	Rainbow Trout	196	no estimate, counts only	Total number captured or presence only	76	440	281.3	mm	Boat shocking with boom	Good quality	FIS
5/10/1990	Berg, Rod	Westslope Cutthroat Trout	25	no estimate, counts only	Total number captured or presence only	264	344	299.9	mm	Boat shocking with boom	Good quality	FIS
10/3/1989	Berg, Rod	Brown Trout	4	no estimate, counts only	Total number captured or presence only	216	407	347.8	mm	Boat shocking with boom	Good quality	FIS
10/3/1989	Berg, Rod	Rainbow Trout	130	no estimate, counts only	Total number captured or presence only	93	486	340.8	mm	Boat shocking with boom	Good quality	FIS
10/3/1989	Berg, Rod	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	228	408	303.3	mm	Boat shocking with boom	Good quality	FIS
10/2/1989	Berg, Rod	Brown Trout	7	no estimate, counts only	Total number captured or presence only	295	486	413.7	mm	Boat shocking with boom	Good quality	FIS
10/2/1989	Berg, Rod	Rainbow Trout	161	no estimate, counts	Total number captured	121	481	328	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/2/1989	Berg, Rod	Westslope Cutthroat Trout	16	no estimate, counts only	Total number captured or presence only	248	345	284.6	mm	Boat shocking with boom	Good quality	FIS
9/28/1989	Berg, Rod	Rainbow Trout	100	no estimate, counts only	Total number captured or presence only	188	493	326.8	mm	Boat shocking with boom	Good quality	FIS
9/28/1989	Berg, Rod	Westslope Cutthroat Trout	15	no estimate, counts only	Total number captured or presence only	223	380	277.1	mm	Boat shocking with boom	Good quality	FIS
9/18/1989	Berg, Rod	Brown Trout	3	no estimate, counts only	Total number captured or presence only	232	397	341.3	mm	Boat shocking with boom	Good quality	FIS
9/18/1989	Berg, Rod	Rainbow Trout	111	no estimate, counts only	Total number captured or presence only	9	487	350.2	mm	Boat shocking with boom	Good quality	FIS
9/18/1989	Berg, Rod	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	251	389	309.3	mm	Boat shocking with boom	Good quality	FIS
9/13/1989	Berg, Rod	Brown Trout	3	no estimate, counts only	Total number captured or presence only	305	458	391.7	mm	Boat shocking with boom	Good quality	FIS
9/13/1989	Berg, Rod	Rainbow Trout	78	no estimate, counts only	Total number captured or presence only	212	494	354.3	mm	Boat shocking with boom	Good quality	FIS
9/13/1989	Berg, Rod	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	226	340	266.3	mm	Boat shocking with boom	Good quality	FIS
9/11/1989	Berg, Rod	Brown Trout	4	no estimate, counts	Total number captured	304	487	401.5	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
9/11/1989	Berg, Rod	Rainbow Trout	98	no estimate, counts only	Total number captured or presence only	194	503	354.9	mm	Boat shocking with boom	Good quality	FIS
9/11/1989	Berg, Rod	Westslope Cutthroat Trout	23	no estimate, counts only	Total number captured or presence only	241	412	313.5	mm	Boat shocking with boom	Good quality	FIS
6/14/1988	Berg, Rod	Brown Trout	4	no estimate, counts only	Total number captured or presence only	153	363	280	mm	Boat shocking with boom	Good quality	FIS
6/14/1988	Berg, Rod	Rainbow Trout	43	no estimate, counts only	Total number captured or presence only	126	481	339.1	mm	Boat shocking with boom	Good quality	FIS
6/14/1988	Berg, Rod	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	259	403	331.9	mm	Boat shocking with boom	Good quality	FIS
6/1/1988	Berg, Rod	Brown Trout	4	no estimate, counts only	Total number captured or presence only	143	373	256.5	mm	Boat shocking with boom	Good quality	FIS
6/1/1988	Berg, Rod	Rainbow Trout	70	no estimate, counts only	Total number captured or presence only	87	478	290.6	mm	Boat shocking with boom	Good quality	FIS
6/1/1988	Berg, Rod	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	293	328	308.3	mm	Boat shocking with boom	Good quality	FIS
5/31/1988	Berg, Rod	Brown Trout	5	no estimate, counts only	Total number captured or presence only	293	503	372.4	mm	Boat shocking with boom	Good quality	FIS
5/31/1988	Berg, Rod	Rainbow Trout	82	no estimate, counts	Total number captured	89	503	300.2	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
5/31/1988	Berg, Rod	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	131	324	277.7	mm	Boat shocking with boom	Good quality	FIS
5/27/1988	Berg, Rod	Brown Trout	6	no estimate, counts only	Total number captured or presence only	143	468	309	mm	Boat shocking with boom	Good quality	FIS
5/27/1988	Berg, Rod	Bull Trout	1	no estimate, counts only	Total number captured or presence only	267	267	267	mm	Boat shocking with boom	Good quality	FIS
5/27/1988	Berg, Rod	Northern Pike	1	no estimate, counts only	Total number captured or presence only	475	475	475	mm	Boat shocking with boom	Good quality	FIS
5/27/1988	Berg, Rod	Rainbow Trout	144	no estimate, counts only	Total number captured or presence only	99	504	303.8	mm	Boat shocking with boom	Good quality	FIS
5/27/1988	Berg, Rod	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	127	388	306.7	mm	Boat shocking with boom	Good quality	FIS

**Section:** Mussel Survey  
**River Miles:** 103.5 to 103.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/5/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

**Section:** Mussel Survey  
**River Miles:** 104.7 to 104.8

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/4/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

Section: HUSON SECTION												
River Miles: 105.8 to 105.9												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
6/29/2009	Schmetterling, David	Brown Trout	13	no estimate, counts only	Total number captured or presence only	177	445	353	mm	Boat shocking - mobile anode	Medium quality	FWP
6/29/2009	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	-	-	805	mm	Boat shocking - mobile anode	Medium quality	FWP
6/29/2009	Schmetterling, David	Rainbow Trout	83	no estimate, counts only	Total number captured or presence only	177	574	337	mm	Boat shocking - mobile anode	Medium quality	FWP
6/29/2009	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	205	305	255	mm	Boat shocking - mobile anode	Medium quality	FWP
7/2/2008	Schmetterling, David	Brown Trout	66	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/2/2008	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/2/2008	Schmetterling, David	Largemouth Bass	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/2/2008	Schmetterling, David	Rainbow Trout	838	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/2/2008	Schmetterling, David	Westslope Cutthroat Trout	22	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/11/2007	Schmetterling, David	Brown Trout	73	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/11/2007	Schmetterling, David	Largemouth Bass	1	no estimate, counts only	Total number captured or presence	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP

					only							
6/11/2007	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/11/2007	Schmetterling, David	Rainbow Trout	991	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/11/2007	Schmetterling, David	Westslope Cutthroat Trout	71	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/20/2006	Schmetterling, David	Brown Trout	118	per section length	Peterson mark-recapture	175	500	316.7	mm	Boat shocking - mobile anode	Medium quality	FWP
6/20/2006	Schmetterling, David	Northern Pike	2	per section length	Peterson mark-recapture	378	630	504	mm	Boat shocking - mobile anode	Medium quality	FWP
6/20/2006	Schmetterling, David	Rainbow Trout	1,229	per section length	Peterson mark-recapture	175	477	359.9	mm	Boat shocking - mobile anode	Medium quality	FWP
6/20/2006	Schmetterling, David	Westslope Cutthroat Trout	16	per section length	Peterson mark-recapture	187	392	302.5	mm	Boat shocking - mobile anode	Medium quality	FWP
5/17/1990	Berg, Rod	Brown Trout	71	per section length	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
5/17/1990	Berg, Rod	Bull Trout	1	no estimate, presence only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
5/17/1990	Berg, Rod	Rainbow Trout	2,242	per section length	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
5/17/1990	Berg, Rod	Westslope Cutthroat Trout	293	per section length	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
5/18/1989	Berg, Rod	Brown Trout	76	per section length	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
5/18/1989	Berg, Rod	Rainbow Trout	1,919	per section length	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
5/18/1989	Berg, Rod	Westslope Cutthroat Trout	23	per section length	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
10/1/1988	Berg, Rod	Rainbow Trout	681	per mile	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
5/23/1988	Berg, Rod	Brown Trout	29	per section length	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
5/23/1988	Berg, Rod	Rainbow Trout	1,809	per section	Peterson mark-	7	-	-	in	Boat shocking -	Medium quality	FWP

				length	recapture					mobile anode		
5/23/1988	Berg, Rod	Westslope Cutthroat Trout	35	per section length	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
9/7/1986	Berg, Rod	Rainbow Trout	334	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
9/1/1986	Berg, Rod	Rainbow Trout	334	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
9/1/1985	Berg, Rod	Rainbow Trout	390	per mile	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
8/1/1985	Berg, Rod	Brown Trout	10	per mile	Peterson mark-recapture	8.3	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
8/1/1985	Berg, Rod	Rainbow Trout	274	per mile	Peterson mark-recapture	8.3	-	-	in	Boat shocking - mobile anode	Medium quality	FWP

**Section:** N/A  
**River Miles:** 105.8 to 114.2

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/1/1985	Berg, Rod	Bull Trout	2	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Backpack shocking	Medium quality	FWP
8/1/1985	Berg, Rod	Westslope Cutthroat Trout	4	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Backpack shocking	Medium quality	FWP

**Section:** ST REGIS  
**River Miles:** 126.8 to 131.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/15/2012	Schmetterling, David	Brown Trout	29	no estimate, counts only	Total number captured or presence only	216	560	360.8	mm	Boat shocking with boom	Good quality	FIS
10/15/2012	Schmetterling, David	Bull Trout	3	no estimate, counts only	Total number captured or presence only	310	390	340.7	mm	Boat shocking with boom	Good quality	FIS
10/15/2012	Schmetterling, David	Rainbow Trout	263	no estimate, counts only	Total number captured or presence only	183	487	287.9	mm	Boat shocking with boom	Good quality	FIS
10/15/2012	Schmetterling, David	Westslope Cutthroat Trout	74	no estimate, counts	Total number captured	215	420	289.8	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/9/2012	Schmetterling, David	Brook X Bull Trout hybrid	1	no estimate, counts only	Total number captured or presence only	381	381	381	mm	Boat shocking with boom	Good quality	FIS
10/9/2012	Schmetterling, David	Brown Trout	16	no estimate, counts only	Total number captured or presence only	253	585	374.1	mm	Boat shocking with boom	Good quality	FIS
10/9/2012	Schmetterling, David	Bull Trout	3	no estimate, counts only	Total number captured or presence only	287	390	340.3	mm	Boat shocking with boom	Good quality	FIS
10/9/2012	Schmetterling, David	Rainbow Trout	189	no estimate, counts only	Total number captured or presence only	175	503	301	mm	Boat shocking with boom	Good quality	FIS
10/9/2012	Schmetterling, David	Westslope Cutthroat Trout	39	no estimate, counts only	Total number captured or presence only	214	374	282.9	mm	Boat shocking with boom	Good quality	FIS
10/8/2012	Schmetterling, David	Brown Trout	20	no estimate, counts only	Total number captured or presence only	252	558	403.5	mm	Boat shocking with boom	Good quality	FIS
10/8/2012	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	318	318	318	mm	Boat shocking with boom	Good quality	FIS
10/8/2012	Schmetterling, David	Rainbow Trout	235	no estimate, counts only	Total number captured or presence only	179	515	305.9	mm	Boat shocking with boom	Good quality	FIS
10/8/2012	Schmetterling, David	Westslope Cutthroat Trout	66	no estimate, counts only	Total number captured or presence only	221	405	297.8	mm	Boat shocking with boom	Good quality	FIS
10/13/2011	Schmetterling, David	Brown Trout	14	no estimate, counts	Total number captured	207	488	332.3	mm	Boat shocking with boom	Good quality	FIS



				only	or presence only							
10/13/2011	Schmetterling, David	Rainbow Trout	99	no estimate, counts only	Total number captured or presence only	178	481	318.4	mm	Boat shocking with boom	Good quality	FIS
10/13/2011	Schmetterling, David	Westslope Cutthroat Trout	32	no estimate, counts only	Total number captured or presence only	242	402	313.3	mm	Boat shocking with boom	Good quality	FIS
10/12/2011	Schmetterling, David	Brown Trout	46	no estimate, counts only	Total number captured or presence only	192	575	338.5	mm	Boat shocking with boom	Good quality	FIS
10/12/2011	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	200	200	200	mm	Boat shocking with boom	Good quality	FIS
10/12/2011	Schmetterling, David	Rainbow Trout	242	no estimate, counts only	Total number captured or presence only	180	512	284.2	mm	Boat shocking with boom	Good quality	FIS
10/12/2011	Schmetterling, David	Westslope Cutthroat Trout	125	no estimate, counts only	Total number captured or presence only	199	452	293.2	mm	Boat shocking with boom	Good quality	FIS
10/6/2011	Schmetterling, David	Brown Trout	26	no estimate, counts only	Total number captured or presence only	175	605	424.8	mm	Boat shocking with boom	Good quality	FIS
10/6/2011	Schmetterling, David	Lake Trout	1	no estimate, counts only	Total number captured or presence only	452	452	452	mm	Boat shocking with boom	Good quality	FIS
10/6/2011	Schmetterling, David	Rainbow Trout	108	no estimate, counts only	Total number captured or presence only	192	512	307.4	mm	Boat shocking with boom	Good quality	FIS
10/6/2011	Schmetterling, David	Westslope Cutthroat Trout	48	no estimate, counts	Total number captured	193	435	302.5	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/5/2011	Schmetterling, David	Brown Trout	33	no estimate, counts only	Total number captured or presence only	227	563	409.2	mm	Boat shocking with boom	Good quality	FIS
10/5/2011	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	481	481	481	mm	Boat shocking with boom	Good quality	FIS
10/5/2011	Schmetterling, David	Rainbow Trout	112	no estimate, counts only	Total number captured or presence only	188	525	326.2	mm	Boat shocking with boom	Good quality	FIS
10/5/2011	Schmetterling, David	Westslope Cutthroat Trout	47	no estimate, counts only	Total number captured or presence only	213	439	319.2	mm	Boat shocking with boom	Good quality	FIS
9/17/1990	Berg, Rod	Brown Trout	5	no estimate, counts only	Total number captured or presence only	267	458	351.2	mm	Boat shocking with boom	Good quality	FIS
9/17/1990	Berg, Rod	Bull Trout	3	no estimate, counts only	Total number captured or presence only	367	505	435.7	mm	Boat shocking with boom	Good quality	FIS
9/17/1990	Berg, Rod	Lake Trout	3	no estimate, counts only	Total number captured or presence only	512	530	524	mm	Boat shocking with boom	Good quality	FIS
9/17/1990	Berg, Rod	Rainbow Trout	52	no estimate, counts only	Total number captured or presence only	181	500	339.6	mm	Boat shocking with boom	Good quality	FIS
9/17/1990	Berg, Rod	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	254	346	287.7	mm	Boat shocking with boom	Good quality	FIS
9/13/1990	Berg, Rod	Brown Trout	12	no estimate, counts	Total number captured	192	520	372	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
9/13/1990	Berg, Rod	Rainbow Trout	67	no estimate, counts only	Total number captured or presence only	161	504	345.9	mm	Boat shocking with boom	Good quality	FIS
9/13/1990	Berg, Rod	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	219	363	273.5	mm	Boat shocking with boom	Good quality	FIS
9/12/1990	Berg, Rod	Brown Trout	4	no estimate, counts only	Total number captured or presence only	200	571	455	mm	Boat shocking with boom	Good quality	FIS
9/12/1990	Berg, Rod	Rainbow Trout	66	no estimate, counts only	Total number captured or presence only	191	465	338.7	mm	Boat shocking with boom	Good quality	FIS
9/12/1990	Berg, Rod	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	188	356	302.7	mm	Boat shocking with boom	Good quality	FIS
9/11/1990	Berg, Rod	Brown Trout	14	no estimate, counts only	Total number captured or presence only	264	545	403.4	mm	Boat shocking with boom	Good quality	FIS
9/11/1990	Berg, Rod	Bull Trout	3	no estimate, counts only	Total number captured or presence only	366	775	524	mm	Boat shocking with boom	Good quality	FIS
9/11/1990	Berg, Rod	Rainbow Trout	112	no estimate, counts only	Total number captured or presence only	173	515	334.2	mm	Boat shocking with boom	Good quality	FIS
9/11/1990	Berg, Rod	Westslope Cutthroat Trout	24	no estimate, counts only	Total number captured or presence only	195	384	281.3	mm	Boat shocking with boom	Good quality	FIS
8/30/1990	Berg, Rod	Brown Trout	5	no estimate, counts	Total number captured	323	475	409.8	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
8/30/1990	Berg, Rod	Bull Trout	2	no estimate, counts only	Total number captured or presence only	297	492	394.5	mm	Boat shocking with boom	Good quality	FIS
8/30/1990	Berg, Rod	Rainbow Trout	79	no estimate, counts only	Total number captured or presence only	170	491	313.3	mm	Boat shocking with boom	Good quality	FIS
8/30/1990	Berg, Rod	Westslope Cutthroat Trout	14	no estimate, counts only	Total number captured or presence only	220	454	280.1	mm	Boat shocking with boom	Good quality	FIS
8/29/1990	Berg, Rod	Brown Trout	2	no estimate, counts only	Total number captured or presence only	280	298	289	mm	Boat shocking with boom	Good quality	FIS
8/29/1990	Berg, Rod	Bull Trout	1	no estimate, counts only	Total number captured or presence only	435	435	435	mm	Boat shocking with boom	Good quality	FIS
8/29/1990	Berg, Rod	Rainbow Trout	64	no estimate, counts only	Total number captured or presence only	169	457	303.3	mm	Boat shocking with boom	Good quality	FIS
8/29/1990	Berg, Rod	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	230	390	272.5	mm	Boat shocking with boom	Good quality	FIS
8/28/1990	Berg, Rod	Brown Trout	21	no estimate, counts only	Total number captured or presence only	261	561	415.6	mm	Boat shocking with boom	Good quality	FIS
8/28/1990	Berg, Rod	Lake Trout	1	no estimate, counts only	Total number captured or presence only	511	511	511	mm	Boat shocking with boom	Good quality	FIS
8/28/1990	Berg, Rod	Rainbow Trout	115	no estimate, counts	Total number captured	162	520	339.7	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
8/28/1990	Berg, Rod	Westslope Cutthroat Trout	28	no estimate, counts only	Total number captured or presence only	204	442	311.3	mm	Boat shocking with boom	Good quality	FIS
8/27/1990	Berg, Rod	Brown Trout	2	no estimate, counts only	Total number captured or presence only	457	479	468	mm	Boat shocking with boom	Good quality	FIS
8/27/1990	Berg, Rod	Rainbow Trout	53	no estimate, counts only	Total number captured or presence only	224	449	369.9	mm	Boat shocking with boom	Good quality	FIS
8/27/1990	Berg, Rod	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	244	424	345.4	mm	Boat shocking with boom	Good quality	FIS
6/15/1990	Berg, Rod	Rainbow Trout	26	no estimate, counts only	Total number captured or presence only	137	429	283.1	mm	Boat shocking with boom	Good quality	FIS
6/14/1990	Berg, Rod	Rainbow Trout	16	no estimate, counts only	Total number captured or presence only	143	500	286.9	mm	Boat shocking with boom	Good quality	FIS
6/14/1990	Berg, Rod	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	158	388	248.3	mm	Boat shocking with boom	Good quality	FIS
6/13/1990	Berg, Rod	Brown Trout	3	no estimate, counts only	Total number captured or presence only	181	476	367	mm	Boat shocking with boom	Good quality	FIS
6/13/1990	Berg, Rod	Rainbow Trout	22	no estimate, counts only	Total number captured or presence only	138	455	361.6	mm	Boat shocking with boom	Good quality	FIS
6/12/1990	Berg, Rod	Brown Trout	3	no estimate, counts	Total number captured	416	593	495	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/12/1990	Berg, Rod	Rainbow Trout	31	no estimate, counts only	Total number captured or presence only	108	497	292.1	mm	Boat shocking with boom	Good quality	FIS
6/12/1990	Berg, Rod	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	173	350	216.2	mm	Boat shocking with boom	Good quality	FIS
6/11/1990	Berg, Rod	Brown Trout	17	no estimate, counts only	Total number captured or presence only	128	593	387.8	mm	Boat shocking with boom	Good quality	FIS
6/11/1990	Berg, Rod	Rainbow Trout	104	no estimate, counts only	Total number captured or presence only	83	544	304.1	mm	Boat shocking with boom	Good quality	FIS
6/11/1990	Berg, Rod	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	171	354	265.8	mm	Boat shocking with boom	Good quality	FIS
6/7/1990	Berg, Rod	Brown Trout	3	no estimate, counts only	Total number captured or presence only	211	520	417	mm	Boat shocking with boom	Good quality	FIS
6/7/1990	Berg, Rod	Bull Trout	1	no estimate, counts only	Total number captured or presence only	234	234	234	mm	Boat shocking with boom	Good quality	FIS
6/7/1990	Berg, Rod	Rainbow Trout	99	no estimate, counts only	Total number captured or presence only	79	554	301.4	mm	Boat shocking with boom	Good quality	FIS
6/7/1990	Berg, Rod	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	200	397	334.8	mm	Boat shocking with boom	Good quality	FIS
6/6/1990	Berg, Rod	Brown Trout	27	no estimate, counts	Total number captured	219	646	441	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/6/1990	Berg, Rod	Bull Trout	1	no estimate, counts only	Total number captured or presence only	430	430	430	mm	Boat shocking with boom	Good quality	FIS
6/6/1990	Berg, Rod	Lake Trout	1	no estimate, counts only	Total number captured or presence only	536	536	536	mm	Boat shocking with boom	Good quality	FIS
6/6/1990	Berg, Rod	Rainbow Trout	262	no estimate, counts only	Total number captured or presence only	89	469	319.4	mm	Boat shocking with boom	Good quality	FIS
6/6/1990	Berg, Rod	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	161	421	314.6	mm	Boat shocking with boom	Good quality	FIS
5/24/1990	Berg, Rod	Brown Trout	10	no estimate, counts only	Total number captured or presence only	174	577	384.3	mm	Boat shocking with boom	Good quality	FIS
5/24/1990	Berg, Rod	Bull Trout	2	no estimate, counts only	Total number captured or presence only	364	417	390.5	mm	Boat shocking with boom	Good quality	FIS
5/24/1990	Berg, Rod	Lake Trout	1	no estimate, counts only	Total number captured or presence only	547	547	547	mm	Boat shocking with boom	Good quality	FIS
5/24/1990	Berg, Rod	Rainbow Trout	46	no estimate, counts only	Total number captured or presence only	157	452	350.4	mm	Boat shocking with boom	Good quality	FIS
5/24/1990	Berg, Rod	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	186	418	273.7	mm	Boat shocking with boom	Good quality	FIS
5/23/1990	Berg, Rod	Brown Trout	6	no estimate, counts	Total number captured	152	520	379.2	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
5/23/1990	Berg, Rod	Rainbow Trout	102	no estimate, counts only	Total number captured or presence only	106	498	346.5	mm	Boat shocking with boom	Good quality	FIS
5/23/1990	Berg, Rod	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	232	385	314.8	mm	Boat shocking with boom	Good quality	FIS
5/16/1990	Berg, Rod	Brown Trout	3	no estimate, counts only	Total number captured or presence only	342	541	437.3	mm	Boat shocking with boom	Good quality	FIS
5/16/1990	Berg, Rod	Rainbow Trout	66	no estimate, counts only	Total number captured or presence only	112	446	313.4	mm	Boat shocking with boom	Good quality	FIS
5/16/1990	Berg, Rod	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	126	410	234.5	mm	Boat shocking with boom	Good quality	FIS
5/15/1990	Berg, Rod	Brook Trout	1	no estimate, counts only	Total number captured or presence only	240	240	240	mm	Boat shocking with boom	Good quality	FIS
5/15/1990	Berg, Rod	Brown Trout	8	no estimate, counts only	Total number captured or presence only	211	598	389	mm	Boat shocking with boom	Good quality	FIS
5/15/1990	Berg, Rod	Rainbow Trout	179	no estimate, counts only	Total number captured or presence only	70	512	266	mm	Boat shocking with boom	Good quality	FIS
5/15/1990	Berg, Rod	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	190	328	289	mm	Boat shocking with boom	Good quality	FIS
10/9/1989	Berg, Rod	Brown Trout	19	no estimate, counts	Total number captured	192	606	396	mm	Boat shocking with boom	Good quality	FIS



				only	or presence only							
10/9/1989	Berg, Rod	Rainbow Trout	234	no estimate, counts only	Total number captured or presence only	170	512	350.3	mm	Boat shocking with boom	Good quality	FIS
10/9/1989	Berg, Rod	Westslope Cutthroat Trout	31	no estimate, counts only	Total number captured or presence only	118	401	310.7	mm	Boat shocking with boom	Good quality	FIS
10/5/1989	Berg, Rod	Brown Trout	9	no estimate, counts only	Total number captured or presence only	201	449	361	mm	Boat shocking with boom	Good quality	FIS
10/5/1989	Berg, Rod	Bull Trout	3	no estimate, counts only	Total number captured or presence only	278	493	416.3	mm	Boat shocking with boom	Good quality	FIS
10/5/1989	Berg, Rod	Rainbow Trout	168	no estimate, counts only	Total number captured or presence only	167	461	338.5	mm	Boat shocking with boom	Good quality	FIS
10/5/1989	Berg, Rod	Westslope Cutthroat Trout	15	no estimate, counts only	Total number captured or presence only	244	424	309.1	mm	Boat shocking with boom	Good quality	FIS
9/20/1989	Berg, Rod	Brown Trout	9	no estimate, counts only	Total number captured or presence only	283	547	437.1	mm	Boat shocking with boom	Good quality	FIS
9/20/1989	Berg, Rod	Rainbow Trout	161	no estimate, counts only	Total number captured or presence only	150	520	353.4	mm	Boat shocking with boom	Good quality	FIS
9/20/1989	Berg, Rod	Westslope Cutthroat Trout	34	no estimate, counts only	Total number captured or presence only	226	407	294.1	mm	Boat shocking with boom	Good quality	FIS
9/19/1989	Berg, Rod	Brown Trout	17	no estimate, counts	Total number captured	219	645	393	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
9/19/1989	Berg, Rod	Rainbow Trout	107	no estimate, counts only	Total number captured or presence only	189	507	349.1	mm	Boat shocking with boom	Good quality	FIS
9/19/1989	Berg, Rod	Westslope Cutthroat Trout	27	no estimate, counts only	Total number captured or presence only	238	423	291.8	mm	Boat shocking with boom	Good quality	FIS
9/14/1989	Berg, Rod	Brown Trout	5	no estimate, counts only	Total number captured or presence only	198	496	283	mm	Boat shocking with boom	Good quality	FIS
9/14/1989	Berg, Rod	Rainbow Trout	153	no estimate, counts only	Total number captured or presence only	167	471	326.7	mm	Boat shocking with boom	Good quality	FIS
9/14/1989	Berg, Rod	Westslope Cutthroat Trout	20	no estimate, counts only	Total number captured or presence only	226	463	295.1	mm	Boat shocking with boom	Good quality	FIS

**Section:** N/A  
**River Miles:** 127.9 to 135.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/1/1985	Berg, Rod	Bull Trout	2	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Backpack shocking	Medium quality	FWP

**Section:** Mussel Survey  
**River Miles:** 128.3 to 128.4

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/4/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

**Section:** Mussel Survey  
**River Miles:** 138.4 to 138.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/4/2007	Stagliano,	Surveyed;no	0	no	Catch	-	-	-	N/A	Visual	Medium	NHP

	David	mussels found		estimate, presence only	per unit effort					Observation	quality	
<b>Section: SUPERIOR</b>												
<b>River Miles: 140 to 144.3</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/16/2012	Schmetterling, David	Brown Trout	12	no estimate, counts only	Total number captured or presence only	222	430	338.8	mm	Boat shocking with boom	Good quality	FIS
10/16/2012	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	426	426	426	mm	Boat shocking with boom	Good quality	FIS
10/16/2012	Schmetterling, David	Rainbow Trout	289	no estimate, counts only	Total number captured or presence only	185	500	291	mm	Boat shocking with boom	Good quality	FIS
10/16/2012	Schmetterling, David	Westslope Cutthroat Trout	64	no estimate, counts only	Total number captured or presence only	210	437	309.1	mm	Boat shocking with boom	Good quality	FIS
10/11/2012	Schmetterling, David	Brown Trout	8	no estimate, counts only	Total number captured or presence only	243	560	377.9	mm	Boat shocking with boom	Good quality	FIS
10/11/2012	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	482	502	492	mm	Boat shocking with boom	Good quality	FIS
10/11/2012	Schmetterling, David	Rainbow Trout	155	no estimate, counts only	Total number captured or presence only	180	500	309.5	mm	Boat shocking with boom	Good quality	FIS
10/11/2012	Schmetterling, David	Westslope Cutthroat Trout	39	no estimate, counts only	Total number captured or presence only	228	423	317.5	mm	Boat shocking with boom	Good quality	FIS
10/10/2012	Schmetterling, David	Brown Trout	10	no estimate, counts	Total number captured	193	337	277.3	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/10/2012	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	486	545	515.5	mm	Boat shocking with boom	Good quality	FIS
10/10/2012	Schmetterling, David	Rainbow Trout	294	no estimate, counts only	Total number captured or presence only	185	502	302.8	mm	Boat shocking with boom	Good quality	FIS
10/10/2012	Schmetterling, David	Westslope Cutthroat Trout	66	no estimate, counts only	Total number captured or presence only	210	465	302.8	mm	Boat shocking with boom	Good quality	FIS
10/11/2011	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	272	540	382.6	mm	Boat shocking with boom	Good quality	FIS
10/11/2011	Schmetterling, David	Bull Trout	3	no estimate, counts only	Total number captured or presence only	355	425	391	mm	Boat shocking with boom	Good quality	FIS
10/11/2011	Schmetterling, David	Rainbow Trout	252	no estimate, counts only	Total number captured or presence only	176	780	285.3	mm	Boat shocking with boom	Good quality	FIS
10/11/2011	Schmetterling, David	Westslope Cutthroat Trout	58	no estimate, counts only	Total number captured or presence only	212	410	321.2	mm	Boat shocking with boom	Good quality	FIS
9/29/2011	Schmetterling, David	Brown Trout	4	no estimate, counts only	Total number captured or presence only	333	412	378.8	mm	Boat shocking with boom	Good quality	FIS
9/29/2011	Schmetterling, David	Bull Trout	4	no estimate, counts only	Total number captured or presence only	282	748	472.5	mm	Boat shocking with boom	Good quality	FIS
9/29/2011	Schmetterling, David	Rainbow Trout	96	no estimate, counts	Total number captured	184	474	297.4	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
9/29/2011	Schmetterling, David	Westslope Cutthroat Trout	23	no estimate, counts only	Total number captured or presence only	228	430	333	mm	Boat shocking with boom	Good quality	FIS
9/28/2011	Schmetterling, David	Brown Trout	7	no estimate, counts only	Total number captured or presence only	267	575	388	mm	Boat shocking with boom	Good quality	FIS
9/28/2011	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	426	463	444.5	mm	Boat shocking with boom	Good quality	FIS
9/28/2011	Schmetterling, David	Rainbow Trout	191	no estimate, counts only	Total number captured or presence only	179	550	303.7	mm	Boat shocking with boom	Good quality	FIS
9/28/2011	Schmetterling, David	Westslope Cutthroat Trout	31	no estimate, counts only	Total number captured or presence only	220	420	341.6	mm	Boat shocking with boom	Good quality	FIS
10/12/2010	Schmetterling, David	Brown Trout	1	no estimate, counts only	Total number captured or presence only	482	482	482	mm	Boat shocking with boom	Good quality	FIS
10/12/2010	Schmetterling, David	Bull Trout	4	no estimate, counts only	Total number captured or presence only	260	548	411.3	mm	Boat shocking with boom	Good quality	FIS
10/12/2010	Schmetterling, David	Rainbow Trout	260	no estimate, counts only	Total number captured or presence only	181	521	289.9	mm	Boat shocking with boom	Good quality	FIS
10/12/2010	Schmetterling, David	Westslope Cutthroat Trout	67	no estimate, counts only	Total number captured or presence only	230	475	340.8	mm	Boat shocking with boom	Good quality	FIS
10/5/2010	Schmetterling, David	Brown Trout	5	no estimate, counts	Total number captured	320	538	410	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/5/2010	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	255	552	403.5	mm	Boat shocking with boom	Good quality	FIS
10/5/2010	Schmetterling, David	Rainbow Trout	106	no estimate, counts only	Total number captured or presence only	185	476	312.4	mm	Boat shocking with boom	Good quality	FIS
10/5/2010	Schmetterling, David	Westslope Cutthroat Trout	22	no estimate, counts only	Total number captured or presence only	225	435	352.2	mm	Boat shocking with boom	Good quality	FIS
10/4/2010	Schmetterling, David	Brown Trout	5	no estimate, counts only	Total number captured or presence only	250	512	379.2	mm	Boat shocking with boom	Good quality	FIS
10/4/2010	Schmetterling, David	Bull Trout	3	no estimate, counts only	Total number captured or presence only	329	557	420.7	mm	Boat shocking with boom	Good quality	FIS
10/4/2010	Schmetterling, David	Rainbow Trout	205	no estimate, counts only	Total number captured or presence only	175	561	313.8	mm	Boat shocking with boom	Good quality	FIS
10/4/2010	Schmetterling, David	Westslope Cutthroat Trout	55	no estimate, counts only	Total number captured or presence only	207	441	337.3	mm	Boat shocking with boom	Good quality	FIS
10/6/2008	Knotek, Ladd	Brown Trout	2	no estimate, counts only	Total number captured or presence only	381	403	392	mm	Boat shocking with boom	Good quality	FIS
10/6/2008	Knotek, Ladd	Bull Trout	2	no estimate, counts only	Total number captured or presence only	330	502	416	mm	Boat shocking with boom	Good quality	FIS
10/6/2008	Knotek, Ladd	Lake Trout	1	no estimate, counts	Total number captured	450	450	450	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/6/2008	Knotek, Ladd	Rainbow Trout	159	no estimate, counts only	Total number captured or presence only	181	480	338.5	mm	Boat shocking with boom	Good quality	FIS
10/6/2008	Knotek, Ladd	Westslope Cutthroat Trout	31	no estimate, counts only	Total number captured or presence only	238	480	336.9	mm	Boat shocking with boom	Good quality	FIS
10/1/2008	Knotek, Ladd	Brown Trout	2	no estimate, counts only	Total number captured or presence only	401	492	446.5	mm	Boat shocking with boom	Good quality	FIS
10/1/2008	Knotek, Ladd	Bull Trout	4	no estimate, counts only	Total number captured or presence only	280	510	359	mm	Boat shocking with boom	Good quality	FIS
10/1/2008	Knotek, Ladd	Rainbow Trout	148	no estimate, counts only	Total number captured or presence only	177	477	340	mm	Boat shocking with boom	Good quality	FIS
10/1/2008	Knotek, Ladd	Westslope Cutthroat Trout	18	no estimate, counts only	Total number captured or presence only	227	387	302.8	mm	Boat shocking with boom	Good quality	FIS
9/29/2008	Knotek, Ladd	Brown Trout	3	no estimate, counts only	Total number captured or presence only	380	486	433.7	mm	Boat shocking with boom	Good quality	FIS
9/29/2008	Knotek, Ladd	Bull Trout	3	no estimate, counts only	Total number captured or presence only	391	497	426.7	mm	Boat shocking with boom	Good quality	FIS
9/29/2008	Knotek, Ladd	Rainbow Trout	71	no estimate, counts only	Total number captured or presence only	180	460	354.8	mm	Boat shocking with boom	Good quality	FIS
9/29/2008	Knotek, Ladd	Westslope Cutthroat Trout	12	no estimate, counts	Total number captured	270	430	351.8	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/21/2005	Knotek, Ladd	Brown Trout	8	no estimate, counts only	Total number captured or presence only	260	489	370.3	mm	Boat shocking with boom	Good quality	FIS
10/21/2005	Knotek, Ladd	Rainbow Trout	433	no estimate, counts only	Total number captured or presence only	183	570	326.3	mm	Boat shocking with boom	Good quality	FIS
10/21/2005	Knotek, Ladd	Westslope Cutthroat Trout	59	no estimate, counts only	Total number captured or presence only	233	524	321.1	mm	Boat shocking with boom	Good quality	FIS
10/17/2005	Knotek, Ladd	Brown Trout	7	no estimate, counts only	Total number captured or presence only	249	493	355.3	mm	Boat shocking with boom	Good quality	FIS
10/17/2005	Knotek, Ladd	Rainbow Trout	249	no estimate, counts only	Total number captured or presence only	181	518	324.6	mm	Boat shocking with boom	Good quality	FIS
10/17/2005	Knotek, Ladd	Westslope Cutthroat Trout	28	no estimate, counts only	Total number captured or presence only	226	490	322.4	mm	Boat shocking with boom	Good quality	FIS
10/16/2005	Knotek, Ladd	Brown Trout	8	no estimate, counts only	Total number captured or presence only	195	422	325.4	mm	Boat shocking with boom	Good quality	FIS
10/16/2005	Knotek, Ladd	Rainbow Trout	558	no estimate, counts only	Total number captured or presence only	185	495	332.8	mm	Boat shocking with boom	Good quality	FIS
10/16/2005	Knotek, Ladd	Westslope Cutthroat Trout	70	no estimate, counts only	Total number captured or presence only	240	488	330.7	mm	Boat shocking with boom	Good quality	FIS

**Section:** SUPERIOR SECTION



River Miles: 140 to 144.3												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/29/2008	Knotek, Ladd	Bull Trout	7	per section length	Peterson mark-recapture	280	510	394.2	mm	Boat shocking with boom	Good quality	FWP
9/29/2008	Knotek, Ladd	Lake Trout	1	no estimate, counts only	Total number captured or presence only	-	-	450	mm	Boat shocking with boom	Good quality	FWP
9/29/2008	Knotek, Ladd	Rainbow Trout	792	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Good quality	FWP
9/29/2008	Knotek, Ladd	Westslope Cutthroat Trout	123	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Good quality	FWP
10/16/2005	Knotek, Ladd	Brown Trout	28	per section length	Peterson mark-recapture	195	493	350.1	mm	Boat shocking with boom	Good quality	FWP
10/16/2005	Knotek, Ladd	Rainbow Trout	2,477	per section length	Peterson mark-recapture	181	570	328.9	mm	Boat shocking with boom	Good quality	FWP
10/16/2005	Knotek, Ladd	Westslope Cutthroat Trout	227	per section length	Peterson mark-recapture	226	524	325.6	mm	Boat shocking with boom	Good quality	FWP
10/14/1999	Knotek, Ladd	Brown Trout	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking with boom	Good quality	FWP
10/14/1999	Knotek, Ladd	Bull Trout	7	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Good quality	FWP
10/14/1999	Knotek, Ladd	Rainbow Trout	1,254	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Good quality	FWP
10/14/1999	Knotek, Ladd	Westslope Cutthroat Trout	111	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Good quality	FWP
9/1/1989	Berg, Rod	Rainbow Trout	523	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
9/1/1989	Berg, Rod	Westslope Cutthroat Trout	20	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
5/1/1989	Berg, Rod	Rainbow Trout	73	per 1000 ft.	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	FWP
5/1/1989	Berg, Rod	Westslope Cutthroat Trout	15	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
10/1/1988	Berg, Rod	Rainbow Trout	101	per 1000 ft.	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	FWP

10/1/1988	Berg, Rod	Westslope Cutthroat Trout	27	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
8/1/1985	N/A	Rainbow Trout	52	per 1000 ft.	Peterson mark-recapture	8.3	-	-	in	Unknown	Medium quality	UN
7/1/1985	N/A	Rainbow Trout	41	per 1000 ft.	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	UN

**Section: Mussel Survey**  
**River Miles: 142.3 to 142.4**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/5/2007	Stagliano, David	Surveyed; no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

**Section: Sculpin Site CF1**  
**River Miles: 142.9 to 143**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/24/2009	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/11/2008	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/1/2007	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section: Sculpin Site CF2**  
**River Miles: 144.3 to 144.4**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/24/2009	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/11/2008	Schmetterling, David	Columbia Slimy Sculpin	1	no estimate, counts only	Total number captured or	-	-	-	N/A	Backpack shocking	Good quality	FWP

					presence only								
<b>Section: R10</b>													
<b>River Miles: 151 to 154.7</b>													
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data		
						Min	Max	Avg.	Unit		Rating	Source	
6/20/1991	N/A	Brown Trout	25	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN	
6/21/1990	N/A	Brown Trout	21	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN	
6/27/1989	N/A	Brown Trout	37	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN	
<b>Section: N/A</b>													
<b>River Miles: 155.8 to 155.9</b>													
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data		
						Min	Max	Avg.	Unit		Rating	Source	
8/25/2009	N/A	Largescale Sucker	1	no estimate, counts only	Total number captured or presence only	-	-	141	mm	Boat shocking with boom	Medium quality	GS	
8/25/2009	N/A	Longnose Dace	1	no estimate, counts only	Total number captured or presence only	-	-	92	mm	Boat shocking with boom	Medium quality	GS	
8/25/2009	N/A	Mountain Whitefish	12	no estimate, counts only	Total number captured or presence only	182	379	-	mm	Boat shocking with boom	Medium quality	GS	
8/25/2009	N/A	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	205	398	-	mm	Boat shocking with boom	Medium quality	GS	
8/25/2009	N/A	Redside Shiner	14	no estimate, counts only	Total number captured or presence only	78	110	-	mm	Boat shocking with boom	Medium quality	GS	
8/25/2009	N/A	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	196	mm	Boat shocking with boom	Medium quality	GS	

7/8/2009	N/A	Bull Trout	1	no estimate, counts only	Total number captured or presence only	-	-	800	mm	Boat shocking with boom	Medium quality	GS
7/8/2009	N/A	Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	169	302	-	mm	Boat shocking with boom	Medium quality	GS
7/8/2009	N/A	Largescale Sucker	8	no estimate, counts only	Total number captured or presence only	315	472	-	mm	Boat shocking with boom	Medium quality	GS
7/8/2009	N/A	Longnose Dace	3	no estimate, counts only	Total number captured or presence only	65	78	-	mm	Boat shocking with boom	Medium quality	GS
7/8/2009	N/A	Mountain Whitefish	147	no estimate, counts only	Total number captured or presence only	65	464	-	mm	Boat shocking with boom	Medium quality	GS
7/8/2009	N/A	Northern Pike Minnow	19	no estimate, counts only	Total number captured or presence only	95	523	-	mm	Boat shocking with boom	Medium quality	GS
7/8/2009	N/A	Rainbow Trout	32	no estimate, counts only	Total number captured or presence only	96	422	-	mm	Boat shocking with boom	Medium quality	GS
7/8/2009	N/A	Redside Shiner	1	no estimate, counts only	Total number captured or presence only	-	-	70	mm	Boat shocking with boom	Medium quality	GS

**Section:** Mussel Survey  
**River Miles:** 159.8 to 159.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/3/2006	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

**Section:** Sculpin Site CF3  
**River Miles:** 159.8 to 159.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/19/2008	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/1/2007	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section:** 747, Clark Fork River  
**River Miles:** 161.7 to 161.8

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/8/2003	Sada de Suplee, Rosie	Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	7.9	17.7	-	in	Boat shocking - mobile anode	Unknown	MDEQ
8/8/2003	Sada de Suplee, Rosie	Largescale Sucker	43	no estimate, counts only	Total number captured or presence only	11	22.8	-	in	Boat shocking - mobile anode	Unknown	MDEQ
8/8/2003	Sada de Suplee, Rosie	Longnose Dace	5	no estimate, counts only	Total number captured or presence only	2.4	3.9	-	in	Boat shocking - mobile anode	Unknown	MDEQ
8/8/2003	Sada de Suplee, Rosie	Mountain Whitefish	97	no estimate, counts only	Total number captured or presence only	4.3	19.7	-	in	Boat shocking - mobile anode	Unknown	MDEQ
8/8/2003	Sada de Suplee, Rosie	Northern Pike	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Unknown	MDEQ
8/8/2003	Sada de Suplee, Rosie	Northern Pike Minnow	65	no estimate, counts only	Total number captured or presence only	7.1	22.1	-	in	Boat shocking - mobile anode	Unknown	MDEQ
8/8/2003	Sada de	Rainbow	52	no	Total	4.7	18.1	-	in	Boat	Unknown	MDEQ

	Suplee, Rosie	Trout		estimate, counts only	number captured or presence only						shocking - mobile anode		
8/8/2003	Sada de Suplee, Rosie	Redside Shiner	5	no estimate, counts only	Total number captured or presence only	2.8	5.1	-	in	Boat shocking - mobile anode	Unknown	MDEQ	

**Section:** Sculpin Site CF4  
**River Miles:** 172 to 172.1

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/19/2008	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/1/2007	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section:** Sculpin Site CF5  
**River Miles:** 177.4 to 177.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/13/2009	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/19/2008	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section:** R9  
**River Miles:** 180.5 to 188.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/17/1991	N/A	Rainbow Trout	9	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
5/13/1991	N/A	Brown Trout	5	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

10/11/1990	N/A	Brown Trout	4	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
5/3/1990	N/A	Brown Trout	7	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/5/1989	N/A	Brown Trout	11	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/5/1989	N/A	Rainbow Trout	21	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/5/1989	N/A	Westslope Cutthroat Trout	1	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

**Section:** HUSON  
**River Miles:** 182.1 to 186.1

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/3/2012	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	240	247	243.5	mm	Boat shocking with boom	Good quality	FIS
7/3/2012	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	533	533	533	mm	Boat shocking with boom	Good quality	FIS
7/3/2012	Schmetterling, David	Rainbow Trout	59	no estimate, counts only	Total number captured or presence only	175	503	317.9	mm	Boat shocking with boom	Good quality	FIS
7/3/2012	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	188	340	262	mm	Boat shocking with boom	Good quality	FIS
7/2/2012	Schmetterling, David	Brown Trout	19	no estimate, counts only	Total number captured or presence only	180	513	270.6	mm	Boat shocking with boom	Good quality	FIS
7/2/2012	Schmetterling, David	Rainbow Trout	73	no estimate, counts only	Total number captured or presence only	175	463	294.7	mm	Boat shocking with boom	Good quality	FIS
6/27/2012	Schmetterling, David	Brown Trout	16	no estimate,	Total number	183	440	293.1	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
6/27/2012	Schmetterling, David	Rainbow Trout	71	no estimate, counts only	Total number captured or presence only	175	476	294.7	mm	Boat shocking with boom	Good quality	FIS
6/27/2012	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	191	345	297.6	mm	Boat shocking with boom	Good quality	FIS
6/25/2012	Schmetterling, David	Brown Trout	16	no estimate, counts only	Total number captured or presence only	185	425	321.4	mm	Boat shocking with boom	Good quality	FIS
6/25/2012	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	587	587	587	mm	Boat shocking with boom	Good quality	FIS
6/25/2012	Schmetterling, David	Rainbow Trout	97	no estimate, counts only	Total number captured or presence only	175	530	319.8	mm	Boat shocking with boom	Good quality	FIS
6/25/2012	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	300	395	335	mm	Boat shocking with boom	Good quality	FIS
7/15/2011	Schmetterling, David	Brown Trout	11	no estimate, counts only	Total number captured or presence only	233	397	339.5	mm	Boat shocking with boom	Good quality	FIS
7/15/2011	Schmetterling, David	Rainbow Trout	74	no estimate, counts only	Total number captured or presence only	177	490	344.6	mm	Boat shocking with boom	Good quality	FIS
7/15/2011	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	310	402	343.8	mm	Boat shocking with boom	Good quality	FIS
7/14/2011	Schmetterling, David	Brown Trout	9	no estimate,	Total number	175	495	351.3	mm	Boat shocking with	Good quality	FIS



				counts only	captured or presence only					boom		
7/14/2011	Schmetterling, David	Rainbow Trout	98	no estimate, counts only	Total number captured or presence only	177	475	349.6	mm	Boat shocking with boom	Good quality	FIS
7/14/2011	Schmetterling, David	Redside Shiner	1	no estimate, counts only	Total number captured or presence only	72	72	72	mm	Boat shocking with boom	Good quality	FIS
7/14/2011	Schmetterling, David	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	327	435	381.3	mm	Boat shocking with boom	Good quality	FIS
7/8/2011	Schmetterling, David	Brown Trout	5	no estimate, counts only	Total number captured or presence only	267	437	386.8	mm	Boat shocking with boom	Good quality	FIS
7/8/2011	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	418	418	418	mm	Boat shocking with boom	Good quality	FIS
7/8/2011	Schmetterling, David	Rainbow Trout	53	no estimate, counts only	Total number captured or presence only	175	470	327.6	mm	Boat shocking with boom	Good quality	FIS
7/8/2011	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	303	435	369	mm	Boat shocking with boom	Good quality	FIS
7/7/2011	Schmetterling, David	Brown Trout	9	no estimate, counts only	Total number captured or presence only	213	538	353.4	mm	Boat shocking with boom	Good quality	FIS
7/7/2011	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	362	362	362	mm	Boat shocking with boom	Good quality	FIS
7/7/2011	Schmetterling, David	Northern Pike	1	no estimate,	Total number	470	470	470	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
7/7/2011	Schmetterling, David	Rainbow Trout	68	no estimate, counts only	Total number captured or presence only	181	457	335.9	mm	Boat shocking with boom	Good quality	FIS
7/7/2011	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	282	330	306.8	mm	Boat shocking with boom	Good quality	FIS
6/17/2010	Schmetterling, David	Brown Trout	22	no estimate, counts only	Total number captured or presence only	175	547	334.6	mm	Boat shocking with boom	Good quality	FIS
6/17/2010	Schmetterling, David	Rainbow Trout	145	no estimate, counts only	Total number captured or presence only	175	511	355	mm	Boat shocking with boom	Good quality	FIS
6/17/2010	Schmetterling, David	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	210	390	328.6	mm	Boat shocking with boom	Good quality	FIS
6/11/2010	Schmetterling, David	Brown Trout	16	no estimate, counts only	Total number captured or presence only	176	585	332.8	mm	Boat shocking with boom	Good quality	FIS
6/11/2010	Schmetterling, David	Rainbow Trout	93	no estimate, counts only	Total number captured or presence only	176	470	339.5	mm	Boat shocking with boom	Good quality	FIS
6/11/2010	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	380	380	380	mm	Boat shocking with boom	Good quality	FIS
6/10/2010	Schmetterling, David	Brown Trout	18	no estimate, counts only	Total number captured or presence only	197	485	306.4	mm	Boat shocking with boom	Good quality	FIS
6/10/2010	Schmetterling, David	Northern Pike	1	no estimate,	Total number	672	672	672	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
6/10/2010	Schmetterling, David	Rainbow Trout	175	no estimate, counts only	Total number captured or presence only	175	520	347.1	mm	Boat shocking with boom	Good quality	FIS
6/10/2010	Schmetterling, David	Westslope Cutthroat Trout	14	no estimate, counts only	Total number captured or presence only	280	397	342.3	mm	Boat shocking with boom	Good quality	FIS
6/30/2009	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	215	365	290	mm	Boat shocking with boom	Good quality	FIS
6/30/2009	Schmetterling, David	Rainbow Trout	17	no estimate, counts only	Total number captured or presence only	182	450	344.4	mm	Boat shocking with boom	Good quality	FIS
6/29/2009	Schmetterling, David	Brown Trout	11	no estimate, counts only	Total number captured or presence only	177	445	364.9	mm	Boat shocking with boom	Good quality	FIS
6/29/2009	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	805	805	805	mm	Boat shocking with boom	Good quality	FIS
6/29/2009	Schmetterling, David	Rainbow Trout	66	no estimate, counts only	Total number captured or presence only	177	475	335.1	mm	Boat shocking with boom	Good quality	FIS
6/29/2009	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	205	305	255	mm	Boat shocking with boom	Good quality	FIS
7/10/2008	Schmetterling, David	Brown Trout	9	no estimate, counts only	Total number captured or presence only	255	440	371	mm	Boat shocking with boom	Good quality	FIS
7/10/2008	Schmetterling, David	Largemouth Bass	1	no estimate,	Total number	250	250	250	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
7/10/2008	Schmetterling, David	Rainbow Trout	55	no estimate, counts only	Total number captured or presence only	176	435	350.1	mm	Boat shocking with boom	Good quality	FIS
7/10/2008	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	197	397	284	mm	Boat shocking with boom	Good quality	FIS
7/8/2008	Schmetterling, David	Brown Trout	15	no estimate, counts only	Total number captured or presence only	215	483	354.7	mm	Boat shocking with boom	Good quality	FIS
7/8/2008	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	567	567	567	mm	Boat shocking with boom	Good quality	FIS
7/8/2008	Schmetterling, David	Rainbow Trout	87	no estimate, counts only	Total number captured or presence only	175	514	350.1	mm	Boat shocking with boom	Good quality	FIS
7/8/2008	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	395	405	400	mm	Boat shocking with boom	Good quality	FIS
7/2/2008	Schmetterling, David	Brown Trout	16	no estimate, counts only	Total number captured or presence only	300	500	411.1	mm	Boat shocking with boom	Good quality	FIS
7/2/2008	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	427	427	427	mm	Boat shocking with boom	Good quality	FIS
7/2/2008	Schmetterling, David	Rainbow Trout	131	no estimate, counts only	Total number captured or presence only	177	485	348.6	mm	Boat shocking with boom	Good quality	FIS
7/2/2008	Schmetterling, David	Westslope Cutthroat	4	no estimate,	Total number	325	400	365	mm	Boat shocking with	Good quality	FIS

		Trout		counts only	captured or presence only					boom		
6/18/2007	Schmetterling, David	Brown Trout	21	no estimate, counts only	Total number captured or presence only	175	402	295.9	mm	Boat shocking with boom	Good quality	FIS
6/18/2007	Schmetterling, David	Largemouth Bass	1	no estimate, counts only	Total number captured or presence only	380	380	380	mm	Boat shocking with boom	Good quality	FIS
6/18/2007	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	380	380	380	mm	Boat shocking with boom	Good quality	FIS
6/18/2007	Schmetterling, David	Rainbow Trout	155	no estimate, counts only	Total number captured or presence only	175	490	344.2	mm	Boat shocking with boom	Good quality	FIS
6/18/2007	Schmetterling, David	Westslope Cutthroat Trout	16	no estimate, counts only	Total number captured or presence only	187	490	296.1	mm	Boat shocking with boom	Good quality	FIS
6/13/2007	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	187	437	332.3	mm	Boat shocking with boom	Good quality	FIS
6/13/2007	Schmetterling, David	Rainbow Trout	136	no estimate, counts only	Total number captured or presence only	175	510	369.1	mm	Boat shocking with boom	Good quality	FIS
6/13/2007	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	290	384	347	mm	Boat shocking with boom	Good quality	FIS
6/11/2007	Schmetterling, David	Brown Trout	33	no estimate, counts only	Total number captured or presence only	197	557	380	mm	Boat shocking with boom	Good quality	FIS
6/11/2007	Schmetterling, David	Rainbow Trout	295	no estimate,	Total number	177	466	361.6	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
6/11/2007	Schmetterling, David	Westslope Cutthroat Trout	12	no estimate, counts only	Total number captured or presence only	196	373	303.7	mm	Boat shocking with boom	Good quality	FIS
6/26/2006	Schmetterling, David	Brown Trout	6	no estimate, counts only	Total number captured or presence only	375	500	414.5	mm	Boat shocking with boom	Good quality	FIS
6/26/2006	Schmetterling, David	Rainbow Trout	73	no estimate, counts only	Total number captured or presence only	175	470	366.1	mm	Boat shocking with boom	Good quality	FIS
6/26/2006	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	302	302	302	mm	Boat shocking with boom	Good quality	FIS
6/21/2006	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	185	460	311.4	mm	Boat shocking with boom	Good quality	FIS
6/21/2006	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	378	378	378	mm	Boat shocking with boom	Good quality	FIS
6/21/2006	Schmetterling, David	Rainbow Trout	99	no estimate, counts only	Total number captured or presence only	175	477	339.5	mm	Boat shocking with boom	Good quality	FIS
6/21/2006	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	187	392	301.7	mm	Boat shocking with boom	Good quality	FIS
6/20/2006	Schmetterling, David	Brown Trout	23	no estimate, counts only	Total number captured or presence only	175	435	293.4	mm	Boat shocking with boom	Good quality	FIS
6/20/2006	Schmetterling, David	Northern Pike	1	no estimate,	Total number	630	630	630	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
6/20/2006	Schmetterling, David	Rainbow Trout	253	no estimate, counts only	Total number captured or presence only	175	475	366.1	mm	Boat shocking with boom	Good quality	FIS
6/20/2006	Schmetterling, David	Westslope Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	225	383	303.1	mm	Boat shocking with boom	Good quality	FIS
6/5/1990	Schmetterling, David	Brown Trout	8	no estimate, counts only	Total number captured or presence only	127	522	405.5	mm	Boat shocking with boom	Good quality	FIS
6/5/1990	Schmetterling, David	Rainbow Trout	171	no estimate, counts only	Total number captured or presence only	114	452	335.5	mm	Boat shocking with boom	Good quality	FIS
6/5/1990	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	195	392	273.7	mm	Boat shocking with boom	Good quality	FIS
6/4/1990	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	303	519	394.8	mm	Boat shocking with boom	Good quality	FIS
6/4/1990	Schmetterling, David	Rainbow Trout	143	no estimate, counts only	Total number captured or presence only	95	466	326.4	mm	Boat shocking with boom	Good quality	FIS
6/4/1990	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	247	436	335.8	mm	Boat shocking with boom	Good quality	FIS
6/1/1990	Schmetterling, David	Brown Trout	11	no estimate, counts only	Total number captured or presence only	117	520	388.3	mm	Boat shocking with boom	Good quality	FIS
6/1/1990	Schmetterling, David	Bull Trout	1	no estimate,	Total number	346	346	346	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
6/1/1990	Schmetterling, David	Rainbow Trout	116	no estimate, counts only	Total number captured or presence only	107	464	341.8	mm	Boat shocking with boom	Good quality	FIS
6/1/1990	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	287	388	337.5	mm	Boat shocking with boom	Good quality	FIS
5/22/1990	Schmetterling, David	Brown Trout	4	no estimate, counts only	Total number captured or presence only	354	402	386	mm	Boat shocking with boom	Good quality	FIS
5/22/1990	Schmetterling, David	Rainbow Trout	66	no estimate, counts only	Total number captured or presence only	89	402	264.1	mm	Boat shocking with boom	Good quality	FIS
5/22/1990	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	140	353	268.3	mm	Boat shocking with boom	Good quality	FIS
5/21/1990	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	375	392	383.5	mm	Boat shocking with boom	Good quality	FIS
5/21/1990	Schmetterling, David	Rainbow Trout	76	no estimate, counts only	Total number captured or presence only	72	430	290.3	mm	Boat shocking with boom	Good quality	FIS
5/21/1990	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	200	367	292.5	mm	Boat shocking with boom	Good quality	FIS
5/18/1990	Schmetterling, David	Brown Trout	6	no estimate, counts only	Total number captured or presence only	179	468	352.7	mm	Boat shocking with boom	Good quality	FIS
5/18/1990	Schmetterling, David	Rainbow Trout	164	no estimate,	Total number	78	458	294.4	mm	Boat shocking with	Good quality	FIS



				counts only	captured or presence only					boom		
5/18/1990	Schmetterling, David	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	200	297	236.8	mm	Boat shocking with boom	Good quality	FIS
5/17/1990	Schmetterling, David	Brown Trout	5	no estimate, counts only	Total number captured or presence only	186	469	368	mm	Boat shocking with boom	Good quality	FIS
5/17/1990	Schmetterling, David	Rainbow Trout	146	no estimate, counts only	Total number captured or presence only	84	427	292.9	mm	Boat shocking with boom	Good quality	FIS
5/17/1990	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	213	375	316.4	mm	Boat shocking with boom	Good quality	FIS
6/12/1989	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	318	339	328.5	mm	Boat shocking with boom	Good quality	FIS
6/12/1989	Schmetterling, David	Rainbow Trout	101	no estimate, counts only	Total number captured or presence only	138	455	333	mm	Boat shocking with boom	Good quality	FIS
6/9/1989	Schmetterling, David	Brown Trout	4	no estimate, counts only	Total number captured or presence only	232	534	426.8	mm	Boat shocking with boom	Good quality	FIS
6/9/1989	Schmetterling, David	Rainbow Trout	104	no estimate, counts only	Total number captured or presence only	119	473	329.6	mm	Boat shocking with boom	Good quality	FIS
6/9/1989	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	137	137	137	mm	Boat shocking with boom	Good quality	FIS
6/7/1989	Schmetterling, David	Rainbow Trout	119	no estimate,	Total number	110	510	327.5	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
6/6/1989	Schmetterling, David	Rainbow Trout	70	no estimate, counts only	Total number captured or presence only	99	435	295.8	mm	Boat shocking with boom	Good quality	FIS
6/1/1989	Schmetterling, David	Brown Trout	7	no estimate, counts only	Total number captured or presence only	319	548	406.3	mm	Boat shocking with boom	Good quality	FIS
6/1/1989	Schmetterling, David	Rainbow Trout	17	no estimate, counts only	Total number captured or presence only	146	507	295.6	mm	Boat shocking with boom	Good quality	FIS
6/1/1989	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	290	386	315.8	mm	Boat shocking with boom	Good quality	FIS
5/22/1989	Schmetterling, David	Brown Trout	8	no estimate, counts only	Total number captured or presence only	131	602	331.6	mm	Boat shocking with boom	Good quality	FIS
5/22/1989	Schmetterling, David	Rainbow Trout	141	no estimate, counts only	Total number captured or presence only	85	535	302.7	mm	Boat shocking with boom	Good quality	FIS
5/22/1989	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	349	363	356	mm	Boat shocking with boom	Good quality	FIS
5/19/1989	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	155	543	338.7	mm	Boat shocking with boom	Good quality	FIS
5/19/1989	Schmetterling, David	Rainbow Trout	157	no estimate, counts only	Total number captured or presence only	101	457	327.2	mm	Boat shocking with boom	Good quality	FIS
5/19/1989	Schmetterling, David	Westslope Cutthroat	4	no estimate,	Total number	182	321	279.3	mm	Boat shocking with	Good quality	FIS

		Trout		counts only	captured or presence only					boom		
5/18/1989	Schmetterling, David	Brown Trout	8	no estimate, counts only	Total number captured or presence only	123	405	258.8	mm	Boat shocking with boom	Good quality	FIS
5/18/1989	Schmetterling, David	Rainbow Trout	161	no estimate, counts only	Total number captured or presence only	74	469	298	mm	Boat shocking with boom	Good quality	FIS
5/18/1989	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	257	389	304.8	mm	Boat shocking with boom	Good quality	FIS
6/16/1988	Schmetterling, David	Brown Trout	6	no estimate, counts only	Total number captured or presence only	357	480	405.8	mm	Boat shocking with boom	Good quality	FIS
6/16/1988	Schmetterling, David	Rainbow Trout	100	no estimate, counts only	Total number captured or presence only	185	470	340.4	mm	Boat shocking with boom	Good quality	FIS
6/15/1988	Schmetterling, David	Rainbow Trout	28	no estimate, counts only	Total number captured or presence only	254	448	344.3	mm	Boat shocking with boom	Good quality	FIS
6/13/1988	Schmetterling, David	Rainbow Trout	90	no estimate, counts only	Total number captured or presence only	98	438	308.4	mm	Boat shocking with boom	Good quality	FIS
6/10/1988	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	118	503	342.3	mm	Boat shocking with boom	Good quality	FIS
6/10/1988	Schmetterling, David	Rainbow Trout	63	no estimate, counts only	Total number captured or presence only	78	482	261.2	mm	Boat shocking with boom	Good quality	FIS
6/9/1988	Schmetterling, David	Brown Trout	4	no estimate,	Total number	129	269	166.3	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
6/9/1988	Schmetterling, David	Rainbow Trout	89	no estimate, counts only	Total number captured or presence only	74	463	277.4	mm	Boat shocking with boom	Good quality	FIS
6/9/1988	Schmetterling, David	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	302	401	346.3	mm	Boat shocking with boom	Good quality	FIS
5/26/1988	Schmetterling, David	Brown Trout	4	no estimate, counts only	Total number captured or presence only	122	574	326.3	mm	Boat shocking with boom	Good quality	FIS
5/26/1988	Schmetterling, David	Rainbow Trout	89	no estimate, counts only	Total number captured or presence only	88	458	306.9	mm	Boat shocking with boom	Good quality	FIS
5/26/1988	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	238	498	356.8	mm	Boat shocking with boom	Good quality	FIS
5/25/1988	Schmetterling, David	Brown Trout	8	no estimate, counts only	Total number captured or presence only	131	527	327.4	mm	Boat shocking with boom	Good quality	FIS
5/25/1988	Schmetterling, David	Rainbow Trout	80	no estimate, counts only	Total number captured or presence only	80	459	273.4	mm	Boat shocking with boom	Good quality	FIS
5/24/1988	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	126	527	320.3	mm	Boat shocking with boom	Good quality	FIS
5/24/1988	Schmetterling, David	Rainbow Trout	175	no estimate, counts only	Total number captured or presence only	80	477	305.9	mm	Boat shocking with boom	Good quality	FIS
5/24/1988	Schmetterling, David	Westslope Cutthroat	3	no estimate,	Total number	206	384	317	mm	Boat shocking with	Good quality	FIS

		Trout		counts only	captured or presence only						boom		
5/23/1988	Schmetterling, David	Brown Trout	4	no estimate, counts only	Total number captured or presence only	146	424	282.5	mm	Boat shocking with boom	Good quality	FIS	
5/23/1988	Schmetterling, David	Rainbow Trout	78	no estimate, counts only	Total number captured or presence only	89	452	327.4	mm	Boat shocking with boom	Good quality	FIS	
5/23/1988	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	341	341	341	mm	Boat shocking with boom	Good quality	FIS	

**Section:** Mussel Survey  
**River Miles:** 182.6 to 182.7

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/4/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

**Section:** Mussel Survey  
**River Miles:** 187.9 to 188

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/4/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

**Section:** R8  
**River Miles:** 188.5 to 192.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/15/1990	N/A	Brown Trout	4	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/23/1990	N/A	Brown Trout	17	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
10/2/1989	N/A	Brown Trout	10	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/4/1989	N/A	Brown Trout	12	per 1000 ft.	Peterson mark-	-	-	-	N/A	Boat shocking with	Medium quality	UN

					recapture					boom		
<b>Section: Sculpin Site CF6</b>												
<b>River Miles: 190.6 to 190.7</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/20/2008	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/25/2007	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
<b>Section: Mussel Survey</b>												
<b>River Miles: 199.5 to 199.6</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/4/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP
<b>Section: MISSOULA REACH</b>												
<b>River Miles: 200.6 to 207.1</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/1/1986	N/A	Brown Trout	15	per mile	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	UN
9/1/1986	N/A	Rainbow Trout	401	per mile	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	UN
9/1/1986	N/A	Westslope Cutthroat Trout	21	per mile	Peterson mark-recapture	7	-	-	in	Unknown	Medium quality	UN
8/1/1985	N/A	Brown Trout	10	per mile	Peterson mark-recapture	8.3	-	-	in	Unknown	Medium quality	UN
8/1/1985	N/A	Rainbow Trout	274	per mile	Peterson mark-recapture	8.3	-	-	in	Unknown	Medium quality	UN
8/1/1985	N/A	Westslope Cutthroat Trout	21	per mile	Peterson mark-recapture	8.3	-	-	in	Unknown	Medium quality	UN
6/1/1985	Berg, Rod	Rainbow Trout	210	per mile	Peterson mark-recapture	-	-	-	N/A	Unknown	Medium quality	FWP
9/1/1984	Berg, Rod	Rainbow Trout	175	per mile	Peterson mark-	-	-	-	N/A	Unknown	Medium quality	FWP

					recapture								
<b>Section: Sculpin Site CF7</b>													
<b>River Miles: 203.1 to 203.2</b>													
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data		
						Min	Max	Avg.	Unit		Rating	Source	
8/28/2008	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP	
<b>Section: Sculpin Site CF8</b>													
<b>River Miles: 203.9 to 204</b>													
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data		
						Min	Max	Avg.	Unit		Rating	Source	
7/24/2009	Schmetterling, David	Rocky Mountain Sculpin	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP	
8/20/2008	Schmetterling, David	Rocky Mountain Sculpin	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP	
8/20/2008	Schmetterling, David	Sculpin	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP	
7/25/2007	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP	
<b>Section: Sculpin Site CF9</b>													
<b>River Miles: 208.3 to 208.4</b>													
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data		
						Min	Max	Avg.	Unit		Rating	Source	
8/28/2008	Schmetterling, David	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP	
<b>Section: Mussel Survey</b>													
<b>River Miles: 210.7 to 210.8</b>													
				Sec.		Length					Data		

Date	Collector	Species	Est.	Unit	Method	Min	Max	Avg.	Unit	Gear	Rating	Source
9/5/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

**Section: R7**  
**River Miles: 214 to 219.3**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
5/3/1991	N/A	Brown Trout	57	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
10/10/1990	N/A	Brown Trout	59	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/24/1990	N/A	Brown Trout	30	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/29/1989	N/A	Brown Trout	62	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/5/1989	N/A	Brown Trout	27	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

**Section: Sculpin Site CF10**  
**River Miles: 215.3 to 215.4**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/27/2009	Schmetterling, David	Sculpin	7	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/30/2007	Schmetterling, David	Rocky Mountain Sculpin	5	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/30/2007	Schmetterling, David	Sculpin	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section: Sculpin Site CF11**  
**River Miles: 215.4 to 215.5**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/27/2009	Schmetterling, David	Rocky Mountain Sculpin	8	no estimate, counts	Total number captured	-	-	-	N/A	Backpack shocking	Good quality	FWP



				only	or presence only							
8/13/2008	Schmetterling, David	Rocky Mountain Sculpin	6	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/13/2008	Schmetterling, David	Sculpin	4	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/30/2007	Schmetterling, David	Rocky Mountain Sculpin	5	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section:** Sculpin Site CF12  
**River Miles:** 215.5 to 215.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/30/2007	Schmetterling, David	Rocky Mountain Sculpin	10	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/30/2007	Schmetterling, David	Sculpin	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section:** MILLTOWN  
**River Miles:** 217.8 to 221.4

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
6/29/2012	Schmetterling, David	Brook Trout	1	no estimate, counts only	Total number captured or presence only	198	198	198	mm	Boat shocking with boom	Good quality	FIS
6/29/2012	Schmetterling, David	Brown Trout	23	no estimate, counts only	Total number captured or presence only	175	408	247.1	mm	Boat shocking with boom	Good quality	FIS
6/29/2012	Schmetterling, David	Bull Trout	1	no estimate, counts	Total number captured	185	185	185	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/29/2012	Schmetterling, David	Rainbow Trout	61	no estimate, counts only	Total number captured or presence only	175	422	281.2	mm	Boat shocking with boom	Good quality	FIS
6/29/2012	Schmetterling, David	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	188	320	266	mm	Boat shocking with boom	Good quality	FIS
6/26/2012	Schmetterling, David	Brown Trout	13	no estimate, counts only	Total number captured or presence only	184	505	282.9	mm	Boat shocking with boom	Good quality	FIS
6/26/2012	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	202	300	251	mm	Boat shocking with boom	Good quality	FIS
6/26/2012	Schmetterling, David	Rainbow Trout	74	no estimate, counts only	Total number captured or presence only	175	405	273.6	mm	Boat shocking with boom	Good quality	FIS
6/26/2012	Schmetterling, David	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	203	335	252.9	mm	Boat shocking with boom	Good quality	FIS
6/21/2012	Schmetterling, David	Brown Trout	20	no estimate, counts only	Total number captured or presence only	176	402	244.4	mm	Boat shocking with boom	Good quality	FIS
6/21/2012	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	202	205	203.5	mm	Boat shocking with boom	Good quality	FIS
6/21/2012	Schmetterling, David	Rainbow Trout	65	no estimate, counts only	Total number captured or presence only	182	482	293	mm	Boat shocking with boom	Good quality	FIS
6/21/2012	Schmetterling, David	Westslope Cutthroat Trout	17	no estimate, counts	Total number captured	177	410	285.4	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/20/2012	Schmetterling, David	Brown Trout	57	no estimate, counts only	Total number captured or presence only	178	510	297.4	mm	Boat shocking with boom	Good quality	FIS
6/20/2012	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	325	542	433.5	mm	Boat shocking with boom	Good quality	FIS
6/20/2012	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	555	555	555	mm	Boat shocking with boom	Good quality	FIS
6/20/2012	Schmetterling, David	Rainbow Trout	214	no estimate, counts only	Total number captured or presence only	175	425	287.9	mm	Boat shocking with boom	Good quality	FIS
6/20/2012	Schmetterling, David	Westslope Cutthroat Trout	23	no estimate, counts only	Total number captured or presence only	177	390	269.8	mm	Boat shocking with boom	Good quality	FIS
5/7/2012	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	268	360	314	mm	Boat shocking with boom	Good quality	FIS
5/7/2012	Schmetterling, David	Rainbow Trout	13	no estimate, counts only	Total number captured or presence only	280	343	306.2	mm	Boat shocking with boom	Good quality	FIS
5/7/2012	Schmetterling, David	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	290	290	290	mm	Boat shocking with boom	Good quality	FIS
7/25/2011	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	192	508	328.3	mm	Boat shocking with boom	Good quality	FIS
7/25/2011	Schmetterling, David	Rainbow Trout	51	no estimate, counts	Total number captured	182	445	312.7	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
7/25/2011	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	185	320	252.5	mm	Boat shocking with boom	Good quality	FIS
7/20/2011	Schmetterling, David	Brown Trout	16	no estimate, counts only	Total number captured or presence only	198	460	335.4	mm	Boat shocking with boom	Good quality	FIS
7/20/2011	Schmetterling, David	Rainbow Trout	74	no estimate, counts only	Total number captured or presence only	182	445	299.9	mm	Boat shocking with boom	Good quality	FIS
7/19/2011	Schmetterling, David	Brown Trout	22	no estimate, counts only	Total number captured or presence only	181	474	343.8	mm	Boat shocking with boom	Good quality	FIS
7/19/2011	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	487	487	487	mm	Boat shocking with boom	Good quality	FIS
7/19/2011	Schmetterling, David	Rainbow Trout	88	no estimate, counts only	Total number captured or presence only	175	427	310.3	mm	Boat shocking with boom	Good quality	FIS
7/19/2011	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	223	223	223	mm	Boat shocking with boom	Good quality	FIS
4/29/2011	Schmetterling, David	Rainbow Trout	7	no estimate, counts only	Total number captured or presence only	249	335	290.6	mm	Boat shocking with boom	Good quality	FIS
4/28/2011	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	464	464	464	mm	Boat shocking with boom	Good quality	FIS
4/28/2011	Schmetterling, David	Rainbow Trout	8	no estimate, counts	Total number captured	257	321	294	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
7/2/2010	Schmetterling, David	Brown Trout	3	no estimate, counts only	Total number captured or presence only	210	320	283.3	mm	Boat shocking with boom	Good quality	FIS
7/2/2010	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	840	840	840	mm	Boat shocking with boom	Good quality	FIS
7/2/2010	Schmetterling, David	Rainbow Trout	30	no estimate, counts only	Total number captured or presence only	175	425	317.2	mm	Boat shocking with boom	Good quality	FIS
7/2/2010	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	317	330	324	mm	Boat shocking with boom	Good quality	FIS
7/1/2010	Schmetterling, David	Brown Trout	29	no estimate, counts only	Total number captured or presence only	178	472	284.1	mm	Boat shocking with boom	Good quality	FIS
7/1/2010	Schmetterling, David	Northern Pike	3	no estimate, counts only	Total number captured or presence only	675	905	775	mm	Boat shocking with boom	Good quality	FIS
7/1/2010	Schmetterling, David	Rainbow Trout	81	no estimate, counts only	Total number captured or presence only	175	437	313.7	mm	Boat shocking with boom	Good quality	FIS
7/1/2010	Schmetterling, David	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	205	365	297.5	mm	Boat shocking with boom	Good quality	FIS
6/25/2010	Schmetterling, David	Brown Trout	12	no estimate, counts only	Total number captured or presence only	176	443	314.7	mm	Boat shocking with boom	Good quality	FIS
6/25/2010	Schmetterling, David	Bull Trout	1	no estimate, counts	Total number captured	412	412	412	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/25/2010	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	815	815	815	mm	Boat shocking with boom	Good quality	FIS
6/25/2010	Schmetterling, David	Rainbow Trout	72	no estimate, counts only	Total number captured or presence only	180	430	320.9	mm	Boat shocking with boom	Good quality	FIS
6/25/2010	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	182	385	285.7	mm	Boat shocking with boom	Good quality	FIS
6/24/2010	Schmetterling, David	Brown Trout	19	no estimate, counts only	Total number captured or presence only	200	467	351.8	mm	Boat shocking with boom	Good quality	FIS
6/24/2010	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	357	357	357	mm	Boat shocking with boom	Good quality	FIS
6/24/2010	Schmetterling, David	Northern Pike	2	no estimate, counts only	Total number captured or presence only	745	755	750	mm	Boat shocking with boom	Good quality	FIS
6/24/2010	Schmetterling, David	Rainbow Trout	167	no estimate, counts only	Total number captured or presence only	175	440	326	mm	Boat shocking with boom	Good quality	FIS
6/24/2010	Schmetterling, David	Westslope Cutthroat Trout	12	no estimate, counts only	Total number captured or presence only	197	355	295	mm	Boat shocking with boom	Good quality	FIS
6/25/2009	Schmetterling, David	Brown Trout	20	no estimate, counts only	Total number captured or presence only	210	418	330.7	mm	Boat shocking with boom	Good quality	FIS
6/25/2009	Schmetterling, David	Mountain Whitefish	184	no estimate, counts	Total number captured	230	467	310.4	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/25/2009	Schmetterling, David	Northern Pike	2	no estimate, counts only	Total number captured or presence only	510	730	620	mm	Boat shocking with boom	Good quality	FIS
6/25/2009	Schmetterling, David	Rainbow Trout	67	no estimate, counts only	Total number captured or presence only	178	417	303	mm	Boat shocking with boom	Good quality	FIS
6/25/2009	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	197	337	292.2	mm	Boat shocking with boom	Good quality	FIS
6/18/2009	Schmetterling, David	Brown Trout	13	no estimate, counts only	Total number captured or presence only	225	445	341.3	mm	Boat shocking with boom	Good quality	FIS
6/18/2009	Schmetterling, David	Northern Pike	1	no estimate, counts only	Total number captured or presence only	842	842	842	mm	Boat shocking with boom	Good quality	FIS
6/18/2009	Schmetterling, David	Rainbow Trout	47	no estimate, counts only	Total number captured or presence only	205	400	303.6	mm	Boat shocking with boom	Good quality	FIS
6/18/2009	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	307	307	307	mm	Boat shocking with boom	Good quality	FIS
6/17/2009	Schmetterling, David	Brown Trout	18	no estimate, counts only	Total number captured or presence only	223	425	345.5	mm	Boat shocking with boom	Good quality	FIS
6/17/2009	Schmetterling, David	Mountain Whitefish	226	no estimate, counts only	Total number captured or presence only	200	480	314.4	mm	Boat shocking with boom	Good quality	FIS
6/17/2009	Schmetterling, David	Northern Pike	4	no estimate, counts	Total number captured	640	815	723.8	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/17/2009	Schmetterling, David	Rainbow Trout	89	no estimate, counts only	Total number captured or presence only	175	420	295.4	mm	Boat shocking with boom	Good quality	FIS
6/17/2009	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	227	337	278	mm	Boat shocking with boom	Good quality	FIS
7/7/2008	Schmetterling, David	Brown Trout	19	no estimate, counts only	Total number captured or presence only	290	485	366.8	mm	Boat shocking with boom	Good quality	FIS
7/7/2008	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	222	335	278.5	mm	Boat shocking with boom	Good quality	FIS
7/7/2008	Schmetterling, David	Northern Pike	7	no estimate, counts only	Total number captured or presence only	640	770	692.4	mm	Boat shocking with boom	Good quality	FIS
7/7/2008	Schmetterling, David	Rainbow Trout	72	no estimate, counts only	Total number captured or presence only	197	392	307	mm	Boat shocking with boom	Good quality	FIS
7/7/2008	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	277	370	317.8	mm	Boat shocking with boom	Good quality	FIS
7/1/2008	Schmetterling, David	Brown Trout	11	no estimate, counts only	Total number captured or presence only	290	435	365.3	mm	Boat shocking with boom	Good quality	FIS
7/1/2008	Schmetterling, David	Rainbow Trout	30	no estimate, counts only	Total number captured or presence only	190	382	308.5	mm	Boat shocking with boom	Good quality	FIS
7/1/2008	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts	Total number captured	292	380	336	mm	Boat shocking with boom	Good quality	FIS



				only	or presence only							
6/30/2008	Schmetterling, David	Brown Trout	19	no estimate, counts only	Total number captured or presence only	237	430	342.3	mm	Boat shocking with boom	Good quality	FIS
6/30/2008	Schmetterling, David	Rainbow Trout	57	no estimate, counts only	Total number captured or presence only	180	402	312.1	mm	Boat shocking with boom	Good quality	FIS
6/30/2008	Schmetterling, David	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	193	375	272.9	mm	Boat shocking with boom	Good quality	FIS
6/14/2007	Schmetterling, David	Brown Trout	61	no estimate, counts only	Total number captured or presence only	200	585	337.9	mm	Boat shocking with boom	Good quality	FIS
6/14/2007	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	580	715	647.5	mm	Boat shocking with boom	Good quality	FIS
6/14/2007	Schmetterling, David	Northern Pike	34	no estimate, counts only	Total number captured or presence only	502	815	620.1	mm	Boat shocking with boom	Good quality	FIS
6/14/2007	Schmetterling, David	Rainbow Trout	189	no estimate, counts only	Total number captured or presence only	206	515	323.5	mm	Boat shocking with boom	Good quality	FIS
6/14/2007	Schmetterling, David	Westslope Cutthroat Trout	25	no estimate, counts only	Total number captured or presence only	176	370	302.8	mm	Boat shocking with boom	Good quality	FIS
6/6/2007	Schmetterling, David	Brown Trout	45	no estimate, counts only	Total number captured or presence only	222	580	342.6	mm	Boat shocking with boom	Good quality	FIS
6/6/2007	Schmetterling, David	Bull Trout	1	no estimate, counts	Total number captured	327	327	327	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/6/2007	Schmetterling, David	Northern Pike	13	no estimate, counts only	Total number captured or presence only	487	747	611.9	mm	Boat shocking with boom	Good quality	FIS
6/6/2007	Schmetterling, David	Rainbow Trout	146	no estimate, counts only	Total number captured or presence only	197	455	326	mm	Boat shocking with boom	Good quality	FIS
6/6/2007	Schmetterling, David	Westslope Cutthroat Trout	16	no estimate, counts only	Total number captured or presence only	247	365	294.9	mm	Boat shocking with boom	Good quality	FIS
6/5/2007	Schmetterling, David	Brown Trout	45	no estimate, counts only	Total number captured or presence only	200	493	345.7	mm	Boat shocking with boom	Good quality	FIS
6/5/2007	Schmetterling, David	Northern Pike	24	no estimate, counts only	Total number captured or presence only	498	845	650.4	mm	Boat shocking with boom	Good quality	FIS
6/5/2007	Schmetterling, David	Rainbow Trout	164	no estimate, counts only	Total number captured or presence only	203	455	320.4	mm	Boat shocking with boom	Good quality	FIS
6/5/2007	Schmetterling, David	Westslope Cutthroat Trout	19	no estimate, counts only	Total number captured or presence only	222	380	294.8	mm	Boat shocking with boom	Good quality	FIS
6/14/2006	Schmetterling, David	Brown Trout	28	no estimate, counts only	Total number captured or presence only	196	560	325.7	mm	Boat shocking with boom	Good quality	FIS
6/14/2006	Schmetterling, David	Northern Pike	27	no estimate, counts only	Total number captured or presence only	265	757	562.5	mm	Boat shocking with boom	Good quality	FIS
6/14/2006	Schmetterling, David	Rainbow Trout	160	no estimate, counts	Total number captured	187	690	317.7	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/14/2006	Schmetterling, David	Westslope Cutthroat Trout	15	no estimate, counts only	Total number captured or presence only	202	330	291.7	mm	Boat shocking with boom	Good quality	FIS
6/13/2006	Schmetterling, David	Brown Trout	33	no estimate, counts only	Total number captured or presence only	220	573	366.3	mm	Boat shocking with boom	Good quality	FIS
6/13/2006	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	760	760	760	mm	Boat shocking with boom	Good quality	FIS
6/13/2006	Schmetterling, David	Northern Pike	40	no estimate, counts only	Total number captured or presence only	245	830	571.4	mm	Boat shocking with boom	Good quality	FIS
6/13/2006	Schmetterling, David	Rainbow Trout	267	no estimate, counts only	Total number captured or presence only	167	525	319.9	mm	Boat shocking with boom	Good quality	FIS
6/13/2006	Schmetterling, David	Westslope Cutthroat Trout	28	no estimate, counts only	Total number captured or presence only	215	475	307.9	mm	Boat shocking with boom	Good quality	FIS
6/7/2006	Schmetterling, David	Brown Trout	43	no estimate, counts only	Total number captured or presence only	192	470	316.8	mm	Boat shocking with boom	Good quality	FIS
6/7/2006	Schmetterling, David	Northern Pike	17	no estimate, counts only	Total number captured or presence only	270	780	636	mm	Boat shocking with boom	Good quality	FIS
6/7/2006	Schmetterling, David	Rainbow Trout	180	no estimate, counts only	Total number captured or presence only	180	482	301.5	mm	Boat shocking with boom	Good quality	FIS
6/7/2006	Schmetterling, David	Westslope Cutthroat Trout	23	no estimate, counts	Total number captured	195	425	312.2	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/7/2006	Schmetterling, David	Yellow Perch	1	no estimate, counts only	Total number captured or presence only	160	160	160	mm	Boat shocking with boom	Good quality	FIS
6/6/2006	Schmetterling, David	Brown Trout	44	no estimate, counts only	Total number captured or presence only	222	495	357.9	mm	Boat shocking with boom	Good quality	FIS
6/6/2006	Schmetterling, David	Northern Pike	32	no estimate, counts only	Total number captured or presence only	355	757	617.6	mm	Boat shocking with boom	Good quality	FIS
6/6/2006	Schmetterling, David	Rainbow Trout	297	no estimate, counts only	Total number captured or presence only	158	480	305.7	mm	Boat shocking with boom	Good quality	FIS
6/6/2006	Schmetterling, David	Westslope Cutthroat Trout	29	no estimate, counts only	Total number captured or presence only	245	340	293.5	mm	Boat shocking with boom	Good quality	FIS
6/20/2005	Schmetterling, David	Brown Trout	32	no estimate, counts only	Total number captured or presence only	210	550	353.1	mm	Boat shocking with boom	Good quality	FIS
6/20/2005	Schmetterling, David	Northern Pike	20	no estimate, counts only	Total number captured or presence only	487	775	612.9	mm	Boat shocking with boom	Good quality	FIS
6/20/2005	Schmetterling, David	Rainbow Trout	117	no estimate, counts only	Total number captured or presence only	190	517	328	mm	Boat shocking with boom	Good quality	FIS
6/20/2005	Schmetterling, David	Westslope Cutthroat Trout	21	no estimate, counts only	Total number captured or presence only	187	400	301.6	mm	Boat shocking with boom	Good quality	FIS
6/15/2005	Schmetterling, David	Brown Trout	24	no estimate, counts	Total number captured	196	532	345.6	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/15/2005	Schmetterling, David	Northern Pike	22	no estimate, counts only	Total number captured or presence only	496	765	616.9	mm	Boat shocking with boom	Good quality	FIS
6/15/2005	Schmetterling, David	Rainbow Trout	71	no estimate, counts only	Total number captured or presence only	191	491	334.1	mm	Boat shocking with boom	Good quality	FIS
6/15/2005	Schmetterling, David	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	195	396	307.1	mm	Boat shocking with boom	Good quality	FIS
6/14/2005	Schmetterling, David	Brown Trout	48	no estimate, counts only	Total number captured or presence only	164	555	381.8	mm	Boat shocking with boom	Good quality	FIS
6/14/2005	Schmetterling, David	Northern Pike	32	no estimate, counts only	Total number captured or presence only	501	950	617.1	mm	Boat shocking with boom	Good quality	FIS
6/14/2005	Schmetterling, David	Rainbow Trout	135	no estimate, counts only	Total number captured or presence only	188	477	327	mm	Boat shocking with boom	Good quality	FIS
6/14/2005	Schmetterling, David	Westslope Cutthroat Trout	24	no estimate, counts only	Total number captured or presence only	243	428	315.8	mm	Boat shocking with boom	Good quality	FIS
6/15/2004	Schmetterling, David	Brown Trout	24	no estimate, counts only	Total number captured or presence only	181	526	361.5	mm	Boat shocking with boom	Good quality	FIS
6/15/2004	Schmetterling, David	Northern Pike	7	no estimate, counts only	Total number captured or presence only	425	833	656	mm	Boat shocking with boom	Good quality	FIS
6/15/2004	Schmetterling, David	Rainbow Trout	65	no estimate, counts	Total number captured	166	459	354.4	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/15/2004	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	145	306	253.2	mm	Boat shocking with boom	Good quality	FIS
6/14/2004	Schmetterling, David	Brown Trout	42	no estimate, counts only	Total number captured or presence only	176	542	392.8	mm	Boat shocking with boom	Good quality	FIS
6/14/2004	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	314	314	314	mm	Boat shocking with boom	Good quality	FIS
6/14/2004	Schmetterling, David	Northern Pike	6	no estimate, counts only	Total number captured or presence only	470	736	630.2	mm	Boat shocking with boom	Good quality	FIS
6/14/2004	Schmetterling, David	Rainbow Trout	101	no estimate, counts only	Total number captured or presence only	134	470	349.4	mm	Boat shocking with boom	Good quality	FIS
6/14/2004	Schmetterling, David	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	187	398	295.8	mm	Boat shocking with boom	Good quality	FIS
6/10/2004	Schmetterling, David	Brown Trout	34	no estimate, counts only	Total number captured or presence only	192	505	396.5	mm	Boat shocking with boom	Good quality	FIS
6/10/2004	Schmetterling, David	Northern Pike	4	no estimate, counts only	Total number captured or presence only	575	748	645	mm	Boat shocking with boom	Good quality	FIS
6/10/2004	Schmetterling, David	Rainbow Trout	98	no estimate, counts only	Total number captured or presence only	141	476	357.3	mm	Boat shocking with boom	Good quality	FIS
6/10/2004	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts	Total number captured	297	415	356	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/9/2004	Schmetterling, David	Brown Trout	87	no estimate, counts only	Total number captured or presence only	160	548	387.2	mm	Boat shocking with boom	Good quality	FIS
6/9/2004	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	788	788	788	mm	Boat shocking with boom	Good quality	FIS
6/9/2004	Schmetterling, David	Lake Trout	1	no estimate, counts only	Total number captured or presence only	495	495	495	mm	Boat shocking with boom	Good quality	FIS
6/9/2004	Schmetterling, David	Northern Pike	10	no estimate, counts only	Total number captured or presence only	442	935	713.7	mm	Boat shocking with boom	Good quality	FIS
6/9/2004	Schmetterling, David	Rainbow Trout	166	no estimate, counts only	Total number captured or presence only	102	496	354.4	mm	Boat shocking with boom	Good quality	FIS
6/9/2004	Schmetterling, David	Westslope Cutthroat Trout	19	no estimate, counts only	Total number captured or presence only	124	370	281.6	mm	Boat shocking with boom	Good quality	FIS
7/3/2002	Schmetterling, David	Brown Trout	40	no estimate, counts only	Total number captured or presence only	223	545	380.4	mm	Boat shocking with boom	Good quality	FIS
7/3/2002	Schmetterling, David	Northern Pike	12	no estimate, counts only	Total number captured or presence only	472	725	569.8	mm	Boat shocking with boom	Good quality	FIS
7/3/2002	Schmetterling, David	Rainbow Trout	132	no estimate, counts only	Total number captured or presence only	130	478	347.4	mm	Boat shocking with boom	Good quality	FIS
7/3/2002	Schmetterling, David	Westslope Cutthroat Trout	21	no estimate, counts	Total number captured	230	425	348.3	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
7/2/2002	Schmetterling, David	Brown Trout	98	no estimate, counts only	Total number captured or presence only	140	545	365.6	mm	Boat shocking with boom	Good quality	FIS
7/2/2002	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	245	680	462.5	mm	Boat shocking with boom	Good quality	FIS
7/2/2002	Schmetterling, David	Northern Pike	40	no estimate, counts only	Total number captured or presence only	485	895	635.7	mm	Boat shocking with boom	Good quality	FIS
7/2/2002	Schmetterling, David	Rainbow Trout	214	no estimate, counts only	Total number captured or presence only	105	510	335.1	mm	Boat shocking with boom	Good quality	FIS
7/2/2002	Schmetterling, David	Westslope Cutthroat Trout	12	no estimate, counts only	Total number captured or presence only	160	400	302.9	mm	Boat shocking with boom	Good quality	FIS
6/27/2002	Schmetterling, David	Brown Trout	53	no estimate, counts only	Total number captured or presence only	255	530	394.5	mm	Boat shocking with boom	Good quality	FIS
6/27/2002	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	670	670	670	mm	Boat shocking with boom	Good quality	FIS
6/27/2002	Schmetterling, David	Northern Pike	16	no estimate, counts only	Total number captured or presence only	505	832	673.8	mm	Boat shocking with boom	Good quality	FIS
6/27/2002	Schmetterling, David	Rainbow Trout	172	no estimate, counts only	Total number captured or presence only	222	465	345.4	mm	Boat shocking with boom	Good quality	FIS
6/27/2002	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts	Total number captured	310	418	359.3	mm	Boat shocking with boom	Good quality	FIS



				only	or presence only							
6/26/2002	Schmetterling, David	Brown Trout	69	no estimate, counts only	Total number captured or presence only	245	540	390.8	mm	Boat shocking with boom	Good quality	FIS
6/26/2002	Schmetterling, David	Northern Pike	36	no estimate, counts only	Total number captured or presence only	470	885	631.2	mm	Boat shocking with boom	Good quality	FIS
6/26/2002	Schmetterling, David	Rainbow Trout	260	no estimate, counts only	Total number captured or presence only	170	540	341.9	mm	Boat shocking with boom	Good quality	FIS
6/26/2002	Schmetterling, David	Westslope Cutthroat Trout	20	no estimate, counts only	Total number captured or presence only	300	432	361.7	mm	Boat shocking with boom	Good quality	FIS
6/29/2001	Schmetterling, David	Brown Trout	17	no estimate, counts only	Total number captured or presence only	172	455	314.3	mm	Boat shocking with boom	Good quality	FIS
6/29/2001	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	470	470	470	mm	Boat shocking with boom	Good quality	FIS
6/29/2001	Schmetterling, David	Northern Pike	6	no estimate, counts only	Total number captured or presence only	595	757	664.3	mm	Boat shocking with boom	Good quality	FIS
6/29/2001	Schmetterling, David	Rainbow Trout	79	no estimate, counts only	Total number captured or presence only	120	445	275.1	mm	Boat shocking with boom	Good quality	FIS
6/29/2001	Schmetterling, David	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	147	400	293.3	mm	Boat shocking with boom	Good quality	FIS
6/25/2001	Schmetterling, David	Brown Trout	42	no estimate, counts	Total number captured	78	525	296	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/25/2001	Schmetterling, David	Northern Pike	14	no estimate, counts only	Total number captured or presence only	392	770	611	mm	Boat shocking with boom	Good quality	FIS
6/25/2001	Schmetterling, David	Rainbow Trout	139	no estimate, counts only	Total number captured or presence only	74	465	272.7	mm	Boat shocking with boom	Good quality	FIS
6/25/2001	Schmetterling, David	Westslope Cutthroat Trout	17	no estimate, counts only	Total number captured or presence only	165	390	302.9	mm	Boat shocking with boom	Good quality	FIS
6/29/1999	Schmetterling, David	Brown Trout	27	no estimate, counts only	Total number captured or presence only	103	465	318.1	mm	Boat shocking with boom	Good quality	FIS
6/29/1999	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	520	620	570	mm	Boat shocking with boom	Good quality	FIS
6/29/1999	Schmetterling, David	Northern Pike	14	no estimate, counts only	Total number captured or presence only	450	830	628.9	mm	Boat shocking with boom	Good quality	FIS
6/29/1999	Schmetterling, David	Rainbow Trout	71	no estimate, counts only	Total number captured or presence only	110	440	298.2	mm	Boat shocking with boom	Good quality	FIS
6/29/1999	Schmetterling, David	Westslope Cutthroat Trout	15	no estimate, counts only	Total number captured or presence only	165	375	307.7	mm	Boat shocking with boom	Good quality	FIS
6/24/1999	Schmetterling, David	Brown Trout	42	no estimate, counts only	Total number captured or presence only	122	505	326.9	mm	Boat shocking with boom	Good quality	FIS
6/24/1999	Schmetterling, David	Northern Pike	25	no estimate, counts	Total number captured	425	830	596.2	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/24/1999	Schmetterling, David	Rainbow Trout	133	no estimate, counts only	Total number captured or presence only	110	435	282.3	mm	Boat shocking with boom	Good quality	FIS
6/24/1999	Schmetterling, David	Westslope Cutthroat Trout	19	no estimate, counts only	Total number captured or presence only	165	420	317.4	mm	Boat shocking with boom	Good quality	FIS
6/23/1999	Schmetterling, David	Brown Trout	14	no estimate, counts only	Total number captured or presence only	200	500	374.6	mm	Boat shocking with boom	Good quality	FIS
6/23/1999	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	470	620	545	mm	Boat shocking with boom	Good quality	FIS
6/23/1999	Schmetterling, David	Northern Pike	7	no estimate, counts only	Total number captured or presence only	450	800	620.7	mm	Boat shocking with boom	Good quality	FIS
6/23/1999	Schmetterling, David	Rainbow Trout	29	no estimate, counts only	Total number captured or presence only	175	435	340.7	mm	Boat shocking with boom	Good quality	FIS
6/23/1999	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	165	345	295.8	mm	Boat shocking with boom	Good quality	FIS
6/14/1984	Schmetterling, David	Brown Trout	9	no estimate, counts only	Total number captured or presence only	122	401	266.7	mm	Boat shocking with boom	Good quality	FIS
6/14/1984	Schmetterling, David	Rainbow Trout	65	no estimate, counts only	Total number captured or presence only	109	384	260.5	mm	Boat shocking with boom	Good quality	FIS
6/14/1984	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts	Total number captured	183	406	275.8	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/13/1984	Schmetterling, David	Brown Trout	27	no estimate, counts only	Total number captured or presence only	150	490	321.4	mm	Boat shocking with boom	Good quality	FIS
6/13/1984	Schmetterling, David	Rainbow Trout	288	no estimate, counts only	Total number captured or presence only	79	404	269.9	mm	Boat shocking with boom	Good quality	FIS
6/13/1984	Schmetterling, David	Westslope Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	191	348	260.2	mm	Boat shocking with boom	Good quality	FIS
5/22/1984	Schmetterling, David	Brown Trout	40	no estimate, counts only	Total number captured or presence only	114	516	313.7	mm	Boat shocking with boom	Good quality	FIS
5/22/1984	Schmetterling, David	Bull Trout	3	no estimate, counts only	Total number captured or presence only	340	348	343.7	mm	Boat shocking with boom	Good quality	FIS
5/22/1984	Schmetterling, David	Rainbow Trout	385	no estimate, counts only	Total number captured or presence only	91	424	282.6	mm	Boat shocking with boom	Good quality	FIS
5/22/1984	Schmetterling, David	Westslope Cutthroat Trout	25	no estimate, counts only	Total number captured or presence only	119	333	250	mm	Boat shocking with boom	Good quality	FIS
6/2/1983	Schmetterling, David	Brown Trout	6	no estimate, counts only	Total number captured or presence only	333	483	377.7	mm	Boat shocking with boom	Good quality	FIS
6/2/1983	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	411	411	411	mm	Boat shocking with boom	Good quality	FIS
6/2/1983	Schmetterling, David	Rainbow Trout	97	no estimate, counts	Total number captured	114	404	285.4	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
6/2/1983	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	257	292	273.8	mm	Boat shocking with boom	Good quality	FIS
6/1/1983	Schmetterling, David	Brown Trout	1	no estimate, counts only	Total number captured or presence only	368	368	368	mm	Boat shocking with boom	Good quality	FIS
6/1/1983	Schmetterling, David	Rainbow Trout	37	no estimate, counts only	Total number captured or presence only	188	391	303.8	mm	Boat shocking with boom	Good quality	FIS
6/1/1983	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	279	279	279	mm	Boat shocking with boom	Good quality	FIS
5/24/1983	Schmetterling, David	Brown Trout	7	no estimate, counts only	Total number captured or presence only	282	602	426.9	mm	Boat shocking with boom	Good quality	FIS
5/24/1983	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	610	610	610	mm	Boat shocking with boom	Good quality	FIS
5/24/1983	Schmetterling, David	Rainbow Trout	133	no estimate, counts only	Total number captured or presence only	117	406	274.2	mm	Boat shocking with boom	Good quality	FIS
5/24/1983	Schmetterling, David	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	180	361	278.1	mm	Boat shocking with boom	Good quality	FIS
5/6/1983	Schmetterling, David	Brown Trout	11	no estimate, counts only	Total number captured or presence only	180	480	282.1	mm	Boat shocking with boom	Good quality	FIS
5/6/1983	Schmetterling, David	Rainbow Trout	78	no estimate, counts	Total number captured	97	404	243.5	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
5/6/1983	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	180	353	266.7	mm	Boat shocking with boom	Good quality	FIS
4/29/1983	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	373	373	373	mm	Boat shocking with boom	Good quality	FIS
4/29/1983	Schmetterling, David	Rainbow Trout	43	no estimate, counts only	Total number captured or presence only	114	417	197.3	mm	Boat shocking with boom	Good quality	FIS
4/28/1983	Schmetterling, David	Brown Trout	6	no estimate, counts only	Total number captured or presence only	193	356	278.5	mm	Boat shocking with boom	Good quality	FIS
4/28/1983	Schmetterling, David	Rainbow Trout	86	no estimate, counts only	Total number captured or presence only	142	404	275.2	mm	Boat shocking with boom	Good quality	FIS
4/25/1983	Schmetterling, David	Brown Trout	4	no estimate, counts only	Total number captured or presence only	338	442	410.3	mm	Boat shocking with boom	Good quality	FIS
4/25/1983	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	737	737	737	mm	Boat shocking with boom	Good quality	FIS
4/25/1983	Schmetterling, David	Rainbow Trout	80	no estimate, counts only	Total number captured or presence only	157	460	253.7	mm	Boat shocking with boom	Good quality	FIS
4/25/1983	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	356	356	356	mm	Boat shocking with boom	Good quality	FIS
3/17/1981	Schmetterling, David	Brown Trout	1	no estimate, counts	Total number captured	353	353	353	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
3/17/1981	Schmetterling, David	Rainbow Trout	5	no estimate, counts only	Total number captured or presence only	201	366	306	mm	Boat shocking with boom	Good quality	FIS
3/17/1981	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	175	175	175	mm	Boat shocking with boom	Good quality	FIS
3/16/1981	Schmetterling, David	Brown Trout	3	no estimate, counts only	Total number captured or presence only	396	503	448	mm	Boat shocking with boom	Good quality	FIS
3/16/1981	Schmetterling, David	Rainbow Trout	22	no estimate, counts only	Total number captured or presence only	157	406	300.9	mm	Boat shocking with boom	Good quality	FIS
3/3/1981	Schmetterling, David	Brown Trout	17	no estimate, counts only	Total number captured or presence only	150	541	360.8	mm	Boat shocking with boom	Good quality	FIS
3/3/1981	Schmetterling, David	Bull Trout	3	no estimate, counts only	Total number captured or presence only	330	508	425	mm	Boat shocking with boom	Good quality	FIS
3/3/1981	Schmetterling, David	Rainbow Trout	50	no estimate, counts only	Total number captured or presence only	170	404	298.8	mm	Boat shocking with boom	Good quality	FIS
3/3/1981	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	234	272	253	mm	Boat shocking with boom	Good quality	FIS
10/7/1980	Schmetterling, David	Brown Trout	8	no estimate, counts only	Total number captured or presence only	239	538	382.5	mm	Boat shocking with boom	Good quality	FIS
10/7/1980	Schmetterling, David	Rainbow Trout	40	no estimate, counts	Total number captured	175	391	284.1	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
10/6/1980	Schmetterling, David	Brown Trout	17	no estimate, counts only	Total number captured or presence only	124	549	366.4	mm	Boat shocking with boom	Good quality	FIS
10/6/1980	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	551	551	551	mm	Boat shocking with boom	Good quality	FIS
10/6/1980	Schmetterling, David	Rainbow Trout	57	no estimate, counts only	Total number captured or presence only	175	384	285.9	mm	Boat shocking with boom	Good quality	FIS
9/23/1980	Schmetterling, David	Brown Trout	12	no estimate, counts only	Total number captured or presence only	269	442	346.6	mm	Boat shocking with boom	Good quality	FIS
9/23/1980	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	305	305	305	mm	Boat shocking with boom	Good quality	FIS
9/23/1980	Schmetterling, David	Rainbow Trout	81	no estimate, counts only	Total number captured or presence only	79	389	263	mm	Boat shocking with boom	Good quality	FIS
9/23/1980	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	224	353	273.7	mm	Boat shocking with boom	Good quality	FIS
9/19/1980	Schmetterling, David	Brown Trout	17	no estimate, counts only	Total number captured or presence only	99	528	336.4	mm	Boat shocking with boom	Good quality	FIS
9/19/1980	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	244	244	244	mm	Boat shocking with boom	Good quality	FIS
9/19/1980	Schmetterling, David	Rainbow Trout	100	no estimate, counts	Total number captured	145	378	271.3	mm	Boat shocking with boom	Good quality	FIS



				only	or presence only							
9/19/1980	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	229	246	236.3	mm	Boat shocking with boom	Good quality	FIS
9/18/1980	Schmetterling, David	Brook Trout	1	no estimate, counts only	Total number captured or presence only	320	320	320	mm	Boat shocking with boom	Good quality	FIS
9/18/1980	Schmetterling, David	Brown Trout	16	no estimate, counts only	Total number captured or presence only	267	488	335.6	mm	Boat shocking with boom	Good quality	FIS
9/18/1980	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	246	246	246	mm	Boat shocking with boom	Good quality	FIS
9/18/1980	Schmetterling, David	Largemouth Bass	1	no estimate, counts only	Total number captured or presence only	335	335	335	mm	Boat shocking with boom	Good quality	FIS
9/18/1980	Schmetterling, David	Rainbow Trout	108	no estimate, counts only	Total number captured or presence only	163	406	279.7	mm	Boat shocking with boom	Good quality	FIS
9/18/1980	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	226	267	243	mm	Boat shocking with boom	Good quality	FIS

**Section:** MILLTOWN DAM SECTION  
**River Miles:** 217.8 to 221.4

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
6/25/2009	Schmetterling, David	Brown Trout	80	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/25/2009	Schmetterling, David	Northern Pike	14	per section length	Peterson mark-recapture	510	842	711	mm	Boat shocking - mobile anode	Good quality	FWP
6/25/2009	Schmetterling, David	Rainbow Trout	334	per section	Peterson mark-	-	-	-	N/A	Boat shocking -	Good quality	FWP

				length	recapture					mobile anode		
6/25/2009	Schmetterling, David	Westslope Cutthroat Trout	14	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/25/2009	Schmetterling, David	Westslope Cutthroat Trout	1,049	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/30/2008	Schmetterling, David	Brown Trout	68	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/30/2008	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/30/2008	Schmetterling, David	Northern Pike	7	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/30/2008	Schmetterling, David	Rainbow Trout	337	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/30/2008	Schmetterling, David	Westslope Cutthroat Trout	12	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/5/2007	Schmetterling, David	Brown Trout	179	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/5/2007	Schmetterling, David	Bull Trout	3	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/5/2007	Schmetterling, David	Northern Pike	431	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/5/2007	Schmetterling, David	Rainbow Trout	1,018	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/5/2007	Schmetterling, David	Westslope Cutthroat Trout	113	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/15/2006	Schmetterling, David	Brown Trout	286	per section length	Peterson mark-recapture	192	573	341.7	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2006	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	-	-	760	mm	Boat shocking - mobile anode	Good quality	FWP

6/15/2006	Schmetterling, David	Northern Pike	282	per section length	Peterson mark-recapture	245	830	591.5	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2006	Schmetterling, David	Rainbow Trout	1,710	per section length	Peterson mark-recapture	158	690	311.1	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2006	Schmetterling, David	Westslope Cutthroat Trout	178	per section length	Peterson mark-recapture	195	475	302	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2006	Schmetterling, David	Yellow Perch	1	no estimate, counts only	Total number captured or presence only	-	-	160	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2005	Schmetterling, David	Brown Trout	148	per section length	Peterson mark-recapture	164	555	364.6	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2005	Schmetterling, David	Northern Pike	127	per section length	Peterson mark-recapture	487	950	615.9	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2005	Schmetterling, David	Rainbow Trout	497	per section length	Peterson mark-recapture	188	517	328.9	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2005	Schmetterling, David	Westslope Cutthroat Trout	87	per section length	Peterson mark-recapture	187	428	308.9	mm	Boat shocking - mobile anode	Good quality	FWP
6/15/2004	Schmetterling, David	Brown Trout	200	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/15/2004	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/15/2004	Schmetterling, David	Lake Trout	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/15/2004	Schmetterling, David	Northern Pike	69	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/15/2004	Schmetterling, David	Rainbow Trout	667	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/15/2004	Schmetterling, David	Westslope Cutthroat Trout	30	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
7/3/2002	Knotek, Ladd	Brown Trout	404	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
7/3/2002	Knotek, Ladd	Northern Pike	311	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
7/3/2002	Knotek, Ladd	Rainbow	1,476	per	Peterson	-	-	-	N/A	Boat	Good	FWP

		Trout		section length	mark-recapture					shocking - mobile anode	quality	
7/3/2002	Knotek, Ladd	Westslope Cutthroat Trout	78	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/1/2001	Knotek, Ladd	Brown Trout	296	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/1/2001	Knotek, Ladd	Bull Trout	1	no estimate, counts only	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/1/2001	Knotek, Ladd	Northern Pike	52	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/1/2001	Knotek, Ladd	Rainbow Trout	1,387	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/1/2001	Knotek, Ladd	Westslope Cutthroat Trout	220	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/29/1999	Knotek, Ladd	Brown Trout	161	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/29/1999	Knotek, Ladd	Northern Pike	70	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/29/1999	Knotek, Ladd	Rainbow Trout	534	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/29/1999	Knotek, Ladd	Westslope Cutthroat Trout	71	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Good quality	FWP
6/28/1996	Berg, Rod	Brown Trout	66	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/28/1996	Berg, Rod	Rainbow Trout	406	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/16/1995	Berg, Rod	Brown Trout	165	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/16/1995	Berg, Rod	Rainbow Trout	956	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
9/1/1991	Berg, Rod	Brown Trout	40	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
9/1/1991	Berg, Rod	Rainbow Trout	518	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
10/1/1988	Berg, Rod	Brown Trout	33	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
10/1/1988	N/A	Rainbow Trout	417	per mile	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	UN

8/1/1985	Berg, Rod	Brown Trout	10	per mile	Peterson mark-recapture	8.3	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
8/1/1985	Berg, Rod	Bull Trout	10	per mile	Peterson mark-recapture	8.3	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
8/1/1985	N/A	Rainbow Trout	274	per mile	Peterson mark-recapture	8.3	-	-	in	Boat shocking - mobile anode	Medium quality	UN
8/1/1985	Berg, Rod	Westslope Cutthroat Trout	21	per mile	Peterson mark-recapture	8.3	-	-	in	Boat shocking - mobile anode	Medium quality	FWP
6/1/1985	Berg, Rod	Rainbow Trout	288	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/1/1985	N/A	Rainbow Trout	290	per mile	Peterson mark-recapture	7	-	-	in	Boat shocking - mobile anode	Medium quality	UN
5/22/1984	N/A	Brown Trout	209	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
5/22/1984	N/A	Bull Trout	3	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
5/22/1984	N/A	Rainbow Trout	1,531	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
5/22/1984	N/A	Westslope Cutthroat Trout	95	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
4/25/1983	N/A	Brown Trout	83	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
4/25/1983	N/A	Bull Trout	5	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
4/25/1983	N/A	Rainbow Trout	1,770	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
4/25/1983	N/A	Westslope Cutthroat Trout	19	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
3/3/1981	N/A	Brown Trout	84	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
3/3/1981	N/A	Rainbow Trout	336	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
3/3/1981	N/A	Westslope Cutthroat Trout	11	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
9/18/1980	N/A	Brook Trout	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP

9/18/1980	N/A	Brown Trout	224	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
9/18/1980	N/A	Bull Trout	7	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
9/18/1980	N/A	Largemouth Bass	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
9/18/1980	N/A	Rainbow Trout	701	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP
9/18/1980	N/A	Westslope Cutthroat Trout	9	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Low quality	FWP

**Section: MILLTOWN SHORT**  
**River Miles: 219.1 to 221.4**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/18/1996	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	323	370	346.5	mm	Boat shocking with boom	Good quality	FIS
7/18/1996	Schmetterling, David	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	232	445	329	mm	Boat shocking with boom	Good quality	FIS
7/17/1996	Schmetterling, David	Brown Trout	12	no estimate, counts only	Total number captured or presence only	215	495	358.8	mm	Boat shocking with boom	Good quality	FIS
7/17/1996	Schmetterling, David	Rainbow Trout	12	no estimate, counts only	Total number captured or presence only	242	390	315.3	mm	Boat shocking with boom	Good quality	FIS
7/11/1996	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	213	482	374.5	mm	Boat shocking with boom	Good quality	FIS
7/11/1996	Schmetterling, David	Rainbow Trout	29	no estimate, counts only	Total number captured or presence only	101	368	254.9	mm	Boat shocking with boom	Good quality	FIS

					only							
7/10/1996	Schmetterling, David	Brown Trout	3	no estimate, counts only	Total number captured or presence only	310	461	407.3	mm	Boat shocking with boom	Good quality	FIS
7/10/1996	Schmetterling, David	Rainbow Trout	9	no estimate, counts only	Total number captured or presence only	132	388	226.1	mm	Boat shocking with boom	Good quality	FIS
7/9/1996	Schmetterling, David	Brown Trout	9	no estimate, counts only	Total number captured or presence only	317	434	376.9	mm	Boat shocking with boom	Good quality	FIS
7/9/1996	Schmetterling, David	Rainbow Trout	23	no estimate, counts only	Total number captured or presence only	101	428	277	mm	Boat shocking with boom	Good quality	FIS
6/28/1996	Schmetterling, David	Brown Trout	6	no estimate, counts only	Total number captured or presence only	322	496	414.5	mm	Boat shocking with boom	Good quality	FIS
6/28/1996	Schmetterling, David	Rainbow Trout	26	no estimate, counts only	Total number captured or presence only	171	445	327.2	mm	Boat shocking with boom	Good quality	FIS
6/27/1996	Schmetterling, David	Brown Trout	9	no estimate, counts only	Total number captured or presence only	311	437	380.6	mm	Boat shocking with boom	Good quality	FIS
6/27/1996	Schmetterling, David	Rainbow Trout	41	no estimate, counts only	Total number captured or presence only	221	442	314.9	mm	Boat shocking with boom	Good quality	FIS
6/25/1996	Schmetterling, David	Brown Trout	2	no estimate, counts only	Total number captured or presence only	405	410	407.5	mm	Boat shocking with boom	Good quality	FIS
6/25/1996	Schmetterling, David	Rainbow Trout	18	no estimate, counts only	Total number captured or presence only	178	380	312.3	mm	Boat shocking with boom	Good quality	FIS

					only							
6/28/1995	Schmetterling, David	Brown Trout	16	no estimate, counts only	Total number captured or presence only	186	435	334.9	mm	Boat shocking with boom	Good quality	FIS
6/28/1995	Schmetterling, David	Rainbow Trout	29	no estimate, counts only	Total number captured or presence only	100	398	223.1	mm	Boat shocking with boom	Good quality	FIS
6/27/1995	Schmetterling, David	Brown Trout	10	no estimate, counts only	Total number captured or presence only	191	447	326.1	mm	Boat shocking with boom	Good quality	FIS
6/27/1995	Schmetterling, David	Rainbow Trout	33	no estimate, counts only	Total number captured or presence only	95	385	274.6	mm	Boat shocking with boom	Good quality	FIS
6/26/1995	Schmetterling, David	Brown Trout	20	no estimate, counts only	Total number captured or presence only	150	502	347.4	mm	Boat shocking with boom	Good quality	FIS
6/26/1995	Schmetterling, David	Rainbow Trout	83	no estimate, counts only	Total number captured or presence only	105	404	285.5	mm	Boat shocking with boom	Good quality	FIS
6/16/1995	Schmetterling, David	Brown Trout	19	no estimate, counts only	Total number captured or presence only	126	502	357.2	mm	Boat shocking with boom	Good quality	FIS
6/16/1995	Schmetterling, David	Rainbow Trout	50	no estimate, counts only	Total number captured or presence only	115	417	313.9	mm	Boat shocking with boom	Good quality	FIS
6/15/1995	Schmetterling, David	Brown Trout	9	no estimate, counts only	Total number captured or presence only	332	465	405	mm	Boat shocking with boom	Good quality	FIS
6/15/1995	Schmetterling, David	Rainbow Trout	22	no estimate, counts only	Total number captured or presence only	242	410	321.1	mm	Boat shocking with boom	Good quality	FIS



					only							
6/1/1995	Schmetterling, David	Brown Trout	8	no estimate, counts only	Total number captured or presence only	292	478	379.3	mm	Boat shocking with boom	Good quality	FIS
6/1/1995	Schmetterling, David	Rainbow Trout	34	no estimate, counts only	Total number captured or presence only	132	411	333	mm	Boat shocking with boom	Good quality	FIS
5/29/1995	Schmetterling, David	Brown Trout	12	no estimate, counts only	Total number captured or presence only	187	458	338.7	mm	Boat shocking with boom	Good quality	FIS
5/29/1995	Schmetterling, David	Rainbow Trout	23	no estimate, counts only	Total number captured or presence only	91	390	295.1	mm	Boat shocking with boom	Good quality	FIS

**Section:** Sculpin Site CF13  
**River Miles:** 220.2 to 220.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/15/2009	Schmetterling, David	Rocky Mountain Sculpin	14	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/30/2008	Schmetterling, David	Rocky Mountain Sculpin	20	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/30/2008	Schmetterling, David	Sculpin	4	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/25/2007	Schmetterling, David	Rocky Mountain Sculpin	28	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section:** R6  
**River Miles:** 222.9 to 228

				Sec.	Length					Data	

Date	Collector	Species	Est.	Unit	Method	Min	Max	Avg.	Unit	Gear	Rating	Source
4/22/1992	N/A	Brown Trout	42	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/16/1991	N/A	Brown Trout	100	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
5/7/1991	N/A	Brown Trout	68	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
10/9/1990	N/A	Brown Trout	79	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/20/1990	N/A	Brown Trout	29	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/27/1989	N/A	Brown Trout	79	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/4/1989	N/A	Brown Trout	44	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

**Section: TURAH**  
**River Miles: 224.6 to 227.6**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
6/25/2009	Schmetterling, David	Brook Trout	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/25/2009	Schmetterling, David	Brown Trout	144	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/25/2009	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/25/2009	Schmetterling, David	Rainbow Trout	497	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/25/2009	Schmetterling, David	Westslope Cutthroat Trout	65	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/23/2008	Schmetterling, David	Brook Trout	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/23/2008	Schmetterling, David	Brown Trout	118	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP

6/23/2008	Schmetterling, David	Rainbow Trout	664	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/23/2008	Schmetterling, David	Westslope Cutthroat Trout	47	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/4/2007	Schmetterling, David	Brown Trout	156	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/4/2007	Schmetterling, David	Rainbow Trout	369	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/4/2007	Schmetterling, David	Westslope Cutthroat Trout	39	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/25/2005	Schmetterling, David	Brook Trout	32	per section length	Peterson mark-recapture	160	384	203.7	mm	Boat shocking - mobile anode	Medium quality	FWP
6/25/2005	Schmetterling, David	Brown Trout	217	per section length	Peterson mark-recapture	152	584	410.2	mm	Boat shocking - mobile anode	Medium quality	FWP
6/25/2005	Schmetterling, David	Rainbow Trout	416	per section length	Peterson mark-recapture	162	538	330.3	mm	Boat shocking - mobile anode	Medium quality	FWP
6/25/2005	Schmetterling, David	Westslope Cutthroat Trout	47	per section length	Peterson mark-recapture	170	437	333.7	mm	Boat shocking - mobile anode	Medium quality	FWP
4/29/1985	N/A	Brook Trout	6	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/29/1985	N/A	Brown Trout	315	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/29/1985	N/A	Rainbow Trout	335	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/29/1985	N/A	Westslope Cutthroat Trout	39	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/16/1984	N/A	Brook Trout	26	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/16/1984	N/A	Brown Trout	568	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/16/1984	N/A	Rainbow Trout	454	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/16/1984	N/A	Westslope Cutthroat Trout	11	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/29/1983	N/A	Brook Trout	2	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/29/1983	N/A	Brown Trout	430	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP

6/29/1983	N/A	Bull Trout	3	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/29/1983	N/A	Rainbow Trout	279	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
6/29/1983	N/A	Westslope Cutthroat Trout	14	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/7/1982	N/A	Brook Trout	2	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/7/1982	N/A	Brown Trout	726	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/7/1982	N/A	Bull Trout	3	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/7/1982	N/A	Rainbow Trout	314	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/7/1982	N/A	Westslope Cutthroat Trout	20	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/29/1981	N/A	Brook Trout	23	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/29/1981	N/A	Brown Trout	726	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/29/1981	N/A	Bull Trout	11	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/29/1981	N/A	Rainbow Trout	314	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
4/29/1981	N/A	Westslope Cutthroat Trout	20	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/1/1980	N/A	Brook Trout	11	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/1/1980	N/A	Brown Trout	505	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/1/1980	N/A	Rainbow Trout	282	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP
7/1/1980	N/A	Westslope Cutthroat Trout	31	per section length	Peterson mark-recapture	-	-	-	N/A	Boat shocking - mobile anode	Medium quality	FWP

**Section:** TURA  
**River Miles:** 225.4 to 227.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source

6/14/2012	Schmetterling, David	Brook Trout	5	no estimate, counts only	Total number captured or presence only	235	367	294.6	mm	Boat shocking with boom	Good quality	FIS
6/14/2012	Schmetterling, David	Brown Trout	20	no estimate, counts only	Total number captured or presence only	175	502	318.1	mm	Boat shocking with boom	Good quality	FIS
6/14/2012	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	297	297	297	mm	Boat shocking with boom	Good quality	FIS
6/14/2012	Schmetterling, David	Rainbow Trout	122	no estimate, counts only	Total number captured or presence only	175	500	309.2	mm	Boat shocking with boom	Good quality	FIS
6/14/2012	Schmetterling, David	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	180	395	312.1	mm	Boat shocking with boom	Good quality	FIS
6/13/2012	Schmetterling, David	Brook Trout	3	no estimate, counts only	Total number captured or presence only	290	375	341.7	mm	Boat shocking with boom	Good quality	FIS
6/13/2012	Schmetterling, David	Brown Trout	26	no estimate, counts only	Total number captured or presence only	193	485	343.7	mm	Boat shocking with boom	Good quality	FIS
6/13/2012	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	186	428	307	mm	Boat shocking with boom	Good quality	FIS
6/13/2012	Schmetterling, David	Rainbow Trout	110	no estimate, counts only	Total number captured or presence only	210	462	314.1	mm	Boat shocking with boom	Good quality	FIS
6/13/2012	Schmetterling, David	Sculpin	1	no estimate, counts only	Total number captured or presence only	111	111	111	mm	Boat shocking with boom	Good quality	FIS

6/13/2012	Schmetterling, David	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	215	385	303.1	mm	Boat shocking with boom	Good quality	FIS
7/13/2011	Schmetterling, David	Brook Trout	5	no estimate, counts only	Total number captured or presence only	302	347	321.2	mm	Boat shocking with boom	Good quality	FIS
7/13/2011	Schmetterling, David	Brown Trout	14	no estimate, counts only	Total number captured or presence only	210	465	352.9	mm	Boat shocking with boom	Good quality	FIS
7/13/2011	Schmetterling, David	Rainbow Trout	54	no estimate, counts only	Total number captured or presence only	175	445	316.4	mm	Boat shocking with boom	Good quality	FIS
7/13/2011	Schmetterling, David	Sculpin	1	no estimate, counts only	Total number captured or presence only	118	118	118	mm	Boat shocking with boom	Good quality	FIS
7/13/2011	Schmetterling, David	Westslope Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	202	385	296.4	mm	Boat shocking with boom	Good quality	FIS
6/28/2010	Schmetterling, David	Brook Trout	1	no estimate, counts only	Total number captured or presence only	202	202	202	mm	Boat shocking with boom	Good quality	FIS
6/28/2010	Schmetterling, David	Brown Trout	22	no estimate, counts only	Total number captured or presence only	182	436	334.2	mm	Boat shocking with boom	Good quality	FIS
6/28/2010	Schmetterling, David	Rainbow Trout	99	no estimate, counts only	Total number captured or presence only	175	463	332	mm	Boat shocking with boom	Good quality	FIS
6/28/2010	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	190	340	278.7	mm	Boat shocking with boom	Good quality	FIS

6/15/2010	Schmetterling, David	Brown Trout	40	no estimate, counts only	Total number captured or presence only	190	480	338.3	mm	Boat shocking with boom	Good quality	FIS
6/15/2010	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	295	385	340	mm	Boat shocking with boom	Good quality	FIS
6/15/2010	Schmetterling, David	Rainbow Trout	117	no estimate, counts only	Total number captured or presence only	178	470	329.5	mm	Boat shocking with boom	Good quality	FIS
6/15/2010	Schmetterling, David	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	245	335	307.4	mm	Boat shocking with boom	Good quality	FIS
6/25/2009	Schmetterling, David	Brown Trout	6	no estimate, counts only	Total number captured or presence only	230	465	354.5	mm	Boat shocking with boom	Good quality	FIS
6/25/2009	Schmetterling, David	Rainbow Trout	30	no estimate, counts only	Total number captured or presence only	187	467	309	mm	Boat shocking with boom	Good quality	FIS
6/22/2009	Schmetterling, David	Brown Trout	22	no estimate, counts only	Total number captured or presence only	180	790	353.1	mm	Boat shocking with boom	Good quality	FIS
6/22/2009	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	362	362	362	mm	Boat shocking with boom	Good quality	FIS
6/22/2009	Schmetterling, David	Rainbow Trout	72	no estimate, counts only	Total number captured or presence only	178	423	299.8	mm	Boat shocking with boom	Good quality	FIS
6/22/2009	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	280	334	298.2	mm	Boat shocking with boom	Good quality	FIS

6/16/2009	Schmetterling, David	Brook Trout	1	no estimate, counts only	Total number captured or presence only	217	217	217	mm	Boat shocking with boom	Good quality	FIS
6/16/2009	Schmetterling, David	Brown Trout	14	no estimate, counts only	Total number captured or presence only	183	418	329.2	mm	Boat shocking with boom	Good quality	FIS
6/16/2009	Schmetterling, David	Rainbow Trout	77	no estimate, counts only	Total number captured or presence only	198	440	305.8	mm	Boat shocking with boom	Good quality	FIS
6/16/2009	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	197	297	243.6	mm	Boat shocking with boom	Good quality	FIS
6/15/2009	Schmetterling, David	Brown Trout	35	no estimate, counts only	Total number captured or presence only	238	565	386.6	mm	Boat shocking with boom	Good quality	FIS
6/15/2009	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	293	293	293	mm	Boat shocking with boom	Good quality	FIS
6/15/2009	Schmetterling, David	Pumpkinseed	1	no estimate, counts only	Total number captured or presence only	112	112	112	mm	Boat shocking with boom	Good quality	FIS
6/15/2009	Schmetterling, David	Rainbow Trout	125	no estimate, counts only	Total number captured or presence only	182	447	318.1	mm	Boat shocking with boom	Good quality	FIS
6/15/2009	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	207	367	294.2	mm	Boat shocking with boom	Good quality	FIS
7/1/2008	Schmetterling, David	Brook Trout	2	no estimate, counts only	Total number captured or presence only	225	245	235	mm	Boat shocking with boom	Good quality	FIS



7/1/2008	Schmetterling, David	Brown Trout	28	no estimate, counts only	Total number captured or presence only	188	540	359.8	mm	Boat shocking with boom	Good quality	FIS
7/1/2008	Schmetterling, David	Rainbow Trout	79	no estimate, counts only	Total number captured or presence only	180	455	323.5	mm	Boat shocking with boom	Good quality	FIS
7/1/2008	Schmetterling, David	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	185	347	291.9	mm	Boat shocking with boom	Good quality	FIS
6/27/2008	Schmetterling, David	Brown Trout	33	no estimate, counts only	Total number captured or presence only	205	497	364.7	mm	Boat shocking with boom	Good quality	FIS
6/27/2008	Schmetterling, David	Rainbow Trout	75	no estimate, counts only	Total number captured or presence only	180	498	335.1	mm	Boat shocking with boom	Good quality	FIS
6/27/2008	Schmetterling, David	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	185	330	283	mm	Boat shocking with boom	Good quality	FIS
6/23/2008	Schmetterling, David	Brown Trout	11	no estimate, counts only	Total number captured or presence only	267	480	385.6	mm	Boat shocking with boom	Good quality	FIS
6/23/2008	Schmetterling, David	Rainbow Trout	32	no estimate, counts only	Total number captured or presence only	175	460	324.2	mm	Boat shocking with boom	Good quality	FIS
6/15/2007	Schmetterling, David	Brown Trout	58	no estimate, counts only	Total number captured or presence only	207	563	368.1	mm	Boat shocking with boom	Good quality	FIS
6/15/2007	Schmetterling, David	Rainbow Trout	108	no estimate, counts only	Total number captured or presence only	190	572	337.2	mm	Boat shocking with boom	Good quality	FIS

6/15/2007	Schmetterling, David	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	198	312	244.3	mm	Boat shocking with boom	Good quality	FIS
6/4/2007	Schmetterling, David	Brown Trout	40	no estimate, counts only	Total number captured or presence only	285	570	379.4	mm	Boat shocking with boom	Good quality	FIS
6/4/2007	Schmetterling, David	Rainbow Trout	88	no estimate, counts only	Total number captured or presence only	190	542	333	mm	Boat shocking with boom	Good quality	FIS
6/4/2007	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	282	460	338.5	mm	Boat shocking with boom	Good quality	FIS
6/12/2006	Schmetterling, David	Brook Trout	2	no estimate, counts only	Total number captured or presence only	147	190	168.5	mm	Boat shocking with boom	Good quality	FIS
6/12/2006	Schmetterling, David	Brown Trout	43	no estimate, counts only	Total number captured or presence only	198	610	391.5	mm	Boat shocking with boom	Good quality	FIS
6/12/2006	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	328	328	328	mm	Boat shocking with boom	Good quality	FIS
6/12/2006	Schmetterling, David	Rainbow Trout	136	no estimate, counts only	Total number captured or presence only	172	457	327.2	mm	Boat shocking with boom	Good quality	FIS
6/12/2006	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	315	357	331.7	mm	Boat shocking with boom	Good quality	FIS
6/28/2005	Schmetterling, David	Brook Trout	6	no estimate, counts only	Total number captured or presence only	160	207	183.5	mm	Boat shocking with boom	Good quality	FIS

6/28/2005	Schmetterling, David	Brown Trout	14	no estimate, counts only	Total number captured or presence only	303	495	414.6	mm	Boat shocking with boom	Good quality	FIS
6/28/2005	Schmetterling, David	Rainbow Trout	37	no estimate, counts only	Total number captured or presence only	195	450	332.1	mm	Boat shocking with boom	Good quality	FIS
6/28/2005	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	292	340	317.3	mm	Boat shocking with boom	Good quality	FIS
6/27/2005	Schmetterling, David	Brook Trout	8	no estimate, counts only	Total number captured or presence only	172	325	207.6	mm	Boat shocking with boom	Good quality	FIS
6/27/2005	Schmetterling, David	Brown Trout	37	no estimate, counts only	Total number captured or presence only	230	530	417.8	mm	Boat shocking with boom	Good quality	FIS
6/27/2005	Schmetterling, David	Rainbow Trout	81	no estimate, counts only	Total number captured or presence only	175	538	324.3	mm	Boat shocking with boom	Good quality	FIS
6/27/2005	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	170	437	310.8	mm	Boat shocking with boom	Good quality	FIS
6/23/2005	Schmetterling, David	Brook Trout	2	no estimate, counts only	Total number captured or presence only	180	384	282	mm	Boat shocking with boom	Good quality	FIS
6/23/2005	Schmetterling, David	Brown Trout	22	no estimate, counts only	Total number captured or presence only	205	535	411.3	mm	Boat shocking with boom	Good quality	FIS
6/23/2005	Schmetterling, David	Rainbow Trout	42	no estimate, counts only	Total number captured or presence only	188	430	342.2	mm	Boat shocking with boom	Good quality	FIS

6/23/2005	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	382	407	394.5	mm	Boat shocking with boom	Good quality	FIS
6/22/2005	Schmetterling, David	Brook Trout	3	no estimate, counts only	Total number captured or presence only	165	205	181.7	mm	Boat shocking with boom	Good quality	FIS
6/22/2005	Schmetterling, David	Brown Trout	41	no estimate, counts only	Total number captured or presence only	152	584	401.2	mm	Boat shocking with boom	Good quality	FIS
6/22/2005	Schmetterling, David	Rainbow Trout	71	no estimate, counts only	Total number captured or presence only	162	450	329.2	mm	Boat shocking with boom	Good quality	FIS
6/22/2005	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	298	405	347.7	mm	Boat shocking with boom	Good quality	FIS
5/8/1985	Schmetterling, David	Brook Trout	1	no estimate, counts only	Total number captured or presence only	394	394	394	mm	Boat shocking with boom	Good quality	FIS
5/8/1985	Schmetterling, David	Brown Trout	98	no estimate, counts only	Total number captured or presence only	203	503	330.4	mm	Boat shocking with boom	Good quality	FIS
5/8/1985	Schmetterling, David	Rainbow Trout	87	no estimate, counts only	Total number captured or presence only	107	361	262.6	mm	Boat shocking with boom	Good quality	FIS
5/8/1985	Schmetterling, David	Westslope Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	239	300	267.2	mm	Boat shocking with boom	Good quality	FIS
4/30/1985	Schmetterling, David	Brook Trout	3	no estimate, counts only	Total number captured or presence only	216	323	278	mm	Boat shocking with boom	Good quality	FIS

4/30/1985	Schmetterling, David	Brown Trout	55	no estimate, counts only	Total number captured or presence only	135	475	310.5	mm	Boat shocking with boom	Good quality	FIS
4/30/1985	Schmetterling, David	Rainbow Trout	37	no estimate, counts only	Total number captured or presence only	102	419	244.8	mm	Boat shocking with boom	Good quality	FIS
4/30/1985	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	246	284	263	mm	Boat shocking with boom	Good quality	FIS
4/29/1985	Schmetterling, David	Brook Trout	3	no estimate, counts only	Total number captured or presence only	234	399	298.3	mm	Boat shocking with boom	Good quality	FIS
4/29/1985	Schmetterling, David	Brown Trout	97	no estimate, counts only	Total number captured or presence only	142	508	317.8	mm	Boat shocking with boom	Good quality	FIS
4/29/1985	Schmetterling, David	Rainbow Trout	56	no estimate, counts only	Total number captured or presence only	178	378	263.5	mm	Boat shocking with boom	Good quality	FIS
4/29/1985	Schmetterling, David	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	221	325	277.6	mm	Boat shocking with boom	Good quality	FIS
5/8/1984	Schmetterling, David	Brook Trout	4	no estimate, counts only	Total number captured or presence only	216	279	255.8	mm	Boat shocking with boom	Good quality	FIS
5/8/1984	Schmetterling, David	Brown Trout	131	no estimate, counts only	Total number captured or presence only	114	493	323.7	mm	Boat shocking with boom	Good quality	FIS
5/8/1984	Schmetterling, David	Rainbow Trout	42	no estimate, counts only	Total number captured or presence only	107	411	291.4	mm	Boat shocking with boom	Good quality	FIS

5/8/1984	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	104	277	213.7	mm	Boat shocking with boom	Good quality	FIS
4/19/1984	Schmetterling, David	Brook Trout	7	no estimate, counts only	Total number captured or presence only	152	279	210.7	mm	Boat shocking with boom	Good quality	FIS
4/19/1984	Schmetterling, David	Brown Trout	83	no estimate, counts only	Total number captured or presence only	97	541	301	mm	Boat shocking with boom	Good quality	FIS
4/19/1984	Schmetterling, David	Rainbow Trout	43	no estimate, counts only	Total number captured or presence only	135	373	256	mm	Boat shocking with boom	Good quality	FIS
4/19/1984	Schmetterling, David	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	165	196	180.5	mm	Boat shocking with boom	Good quality	FIS
4/17/1984	Schmetterling, David	Brown Trout	76	no estimate, counts only	Total number captured or presence only	94	470	300.9	mm	Boat shocking with boom	Good quality	FIS
4/17/1984	Schmetterling, David	Rainbow Trout	32	no estimate, counts only	Total number captured or presence only	109	373	264.3	mm	Boat shocking with boom	Good quality	FIS
4/17/1984	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	234	272	253	mm	Boat shocking with boom	Good quality	FIS
4/16/1984	Schmetterling, David	Brook Trout	6	no estimate, counts only	Total number captured or presence only	196	320	251.5	mm	Boat shocking with boom	Good quality	FIS
4/16/1984	Schmetterling, David	Brown Trout	98	no estimate, counts only	Total number captured or presence only	117	500	339.2	mm	Boat shocking with boom	Good quality	FIS

4/16/1984	Schmetterling, David	Rainbow Trout	42	no estimate, counts only	Total number captured or presence only	102	343	250	mm	Boat shocking with boom	Good quality	FIS
7/12/1983	Schmetterling, David	Brook Trout	1	no estimate, counts only	Total number captured or presence only	307	307	307	mm	Boat shocking with boom	Good quality	FIS
7/12/1983	Schmetterling, David	Brown Trout	38	no estimate, counts only	Total number captured or presence only	208	513	355.5	mm	Boat shocking with boom	Good quality	FIS
7/12/1983	Schmetterling, David	Rainbow Trout	18	no estimate, counts only	Total number captured or presence only	157	391	316.7	mm	Boat shocking with boom	Good quality	FIS
7/12/1983	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	201	318	279	mm	Boat shocking with boom	Good quality	FIS
7/11/1983	Schmetterling, David	Brown Trout	87	no estimate, counts only	Total number captured or presence only	259	445	360.3	mm	Boat shocking with boom	Good quality	FIS
7/11/1983	Schmetterling, David	Rainbow Trout	47	no estimate, counts only	Total number captured or presence only	140	414	300.2	mm	Boat shocking with boom	Good quality	FIS
7/11/1983	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	302	348	329.3	mm	Boat shocking with boom	Good quality	FIS
7/7/1983	Schmetterling, David	Brown Trout	24	no estimate, counts only	Total number captured or presence only	183	531	339.1	mm	Boat shocking with boom	Good quality	FIS
7/7/1983	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	292	292	292	mm	Boat shocking with boom	Good quality	FIS

7/7/1983	Schmetterling, David	Rainbow Trout	11	no estimate, counts only	Total number captured or presence only	147	361	208.3	mm	Boat shocking with boom	Good quality	FIS
6/30/1983	Schmetterling, David	Brown Trout	42	no estimate, counts only	Total number captured or presence only	188	511	326.7	mm	Boat shocking with boom	Good quality	FIS
6/30/1983	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	307	307	307	mm	Boat shocking with boom	Good quality	FIS
6/30/1983	Schmetterling, David	Rainbow Trout	28	no estimate, counts only	Total number captured or presence only	89	363	204.7	mm	Boat shocking with boom	Good quality	FIS
6/30/1983	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	191	315	226.3	mm	Boat shocking with boom	Good quality	FIS
6/29/1983	Schmetterling, David	Brook Trout	2	no estimate, counts only	Total number captured or presence only	196	305	250.5	mm	Boat shocking with boom	Good quality	FIS
6/29/1983	Schmetterling, David	Brown Trout	73	no estimate, counts only	Total number captured or presence only	157	485	313.5	mm	Boat shocking with boom	Good quality	FIS
6/29/1983	Schmetterling, David	Rainbow Trout	43	no estimate, counts only	Total number captured or presence only	145	368	241.1	mm	Boat shocking with boom	Good quality	FIS
6/29/1983	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	307	371	336.8	mm	Boat shocking with boom	Good quality	FIS
7/21/1982	Schmetterling, David	Brown Trout	95	no estimate, counts only	Total number captured or presence only	147	488	298.8	mm	Boat shocking with boom	Good quality	FIS



7/21/1982	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	264	264	264	mm	Boat shocking with boom	Good quality	FIS
7/21/1982	Schmetterling, David	Rainbow Trout	23	no estimate, counts only	Total number captured or presence only	170	389	298.7	mm	Boat shocking with boom	Good quality	FIS
7/21/1982	Schmetterling, David	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	163	353	261.1	mm	Boat shocking with boom	Good quality	FIS
7/19/1982	Schmetterling, David	Brook Trout	2	no estimate, counts only	Total number captured or presence only	257	330	293.5	mm	Boat shocking with boom	Good quality	FIS
7/19/1982	Schmetterling, David	Brown Trout	67	no estimate, counts only	Total number captured or presence only	157	493	315.4	mm	Boat shocking with boom	Good quality	FIS
7/19/1982	Schmetterling, David	Rainbow Trout	21	no estimate, counts only	Total number captured or presence only	155	406	310.1	mm	Boat shocking with boom	Good quality	FIS
7/19/1982	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	89	89	89	mm	Boat shocking with boom	Good quality	FIS
7/9/1982	Schmetterling, David	Brown Trout	59	no estimate, counts only	Total number captured or presence only	188	439	319.8	mm	Boat shocking with boom	Good quality	FIS
7/9/1982	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	429	429	429	mm	Boat shocking with boom	Good quality	FIS
7/9/1982	Schmetterling, David	Rainbow Trout	22	no estimate, counts only	Total number captured or presence only	160	376	288.3	mm	Boat shocking with boom	Good quality	FIS

7/9/1982	Schmetterling, David	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	201	356	300	mm	Boat shocking with boom	Good quality	FIS
7/7/1982	Schmetterling, David	Brown Trout	57	no estimate, counts only	Total number captured or presence only	160	518	322.2	mm	Boat shocking with boom	Good quality	FIS
7/7/1982	Schmetterling, David	Rainbow Trout	23	no estimate, counts only	Total number captured or presence only	241	378	316.7	mm	Boat shocking with boom	Good quality	FIS
7/7/1982	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	345	345	345	mm	Boat shocking with boom	Good quality	FIS
5/8/1981	Schmetterling, David	Brown Trout	85	no estimate, counts only	Total number captured or presence only	127	521	327.9	mm	Boat shocking with boom	Good quality	FIS
5/7/1981	Schmetterling, David	Brook Trout	4	no estimate, counts only	Total number captured or presence only	157	277	222.8	mm	Boat shocking with boom	Good quality	FIS
5/7/1981	Schmetterling, David	Brown Trout	87	no estimate, counts only	Total number captured or presence only	170	518	346.7	mm	Boat shocking with boom	Good quality	FIS
5/7/1981	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	284	284	284	mm	Boat shocking with boom	Good quality	FIS
5/7/1981	Schmetterling, David	Rainbow Trout	41	no estimate, counts only	Total number captured or presence only	229	351	279.7	mm	Boat shocking with boom	Good quality	FIS
5/7/1981	Schmetterling, David	Westslope Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	203	300	255.5	mm	Boat shocking with boom	Good quality	FIS

4/30/1981	Schmetterling, David	Brook Trout	3	no estimate, counts only	Total number captured or presence only	196	249	217	mm	Boat shocking with boom	Good quality	FIS
4/30/1981	Schmetterling, David	Brown Trout	51	no estimate, counts only	Total number captured or presence only	160	462	336.1	mm	Boat shocking with boom	Good quality	FIS
4/30/1981	Schmetterling, David	Bull Trout	3	no estimate, counts only	Total number captured or presence only	262	333	308.3	mm	Boat shocking with boom	Good quality	FIS
4/30/1981	Schmetterling, David	Rainbow Trout	52	no estimate, counts only	Total number captured or presence only	218	378	288.2	mm	Boat shocking with boom	Good quality	FIS
4/30/1981	Schmetterling, David	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	203	315	264.4	mm	Boat shocking with boom	Good quality	FIS
4/29/1981	Schmetterling, David	Brook Trout	2	no estimate, counts only	Total number captured or presence only	246	272	259	mm	Boat shocking with boom	Good quality	FIS
4/29/1981	Schmetterling, David	Brown Trout	76	no estimate, counts only	Total number captured or presence only	152	516	352.2	mm	Boat shocking with boom	Good quality	FIS
4/29/1981	Schmetterling, David	Bull Trout	2	no estimate, counts only	Total number captured or presence only	292	366	329	mm	Boat shocking with boom	Good quality	FIS
4/29/1981	Schmetterling, David	Rainbow Trout	32	no estimate, counts only	Total number captured or presence only	178	391	302.5	mm	Boat shocking with boom	Good quality	FIS
4/29/1981	Schmetterling, David	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	229	312	273	mm	Boat shocking with boom	Good quality	FIS

7/23/1980	Schmetterling, David	Brook Trout	4	no estimate, counts only	Total number captured or presence only	137	221	178.5	mm	Boat shocking with boom	Good quality	FIS
7/23/1980	Schmetterling, David	Brown Trout	80	no estimate, counts only	Total number captured or presence only	165	483	314.3	mm	Boat shocking with boom	Good quality	FIS
7/23/1980	Schmetterling, David	Bull Trout	1	no estimate, counts only	Total number captured or presence only	218	218	218	mm	Boat shocking with boom	Good quality	FIS
7/23/1980	Schmetterling, David	Rainbow Trout	21	no estimate, counts only	Total number captured or presence only	145	333	275.6	mm	Boat shocking with boom	Good quality	FIS
7/23/1980	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	213	216	214	mm	Boat shocking with boom	Good quality	FIS
7/10/1980	Schmetterling, David	Brown Trout	55	no estimate, counts only	Total number captured or presence only	150	439	320.2	mm	Boat shocking with boom	Good quality	FIS
7/10/1980	Schmetterling, David	Rainbow Trout	29	no estimate, counts only	Total number captured or presence only	183	351	288.4	mm	Boat shocking with boom	Good quality	FIS
7/10/1980	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	196	318	267	mm	Boat shocking with boom	Good quality	FIS
7/8/1980	Schmetterling, David	Brook Trout	2	no estimate, counts only	Total number captured or presence only	234	272	253	mm	Boat shocking with boom	Good quality	FIS
7/8/1980	Schmetterling, David	Brown Trout	77	no estimate, counts only	Total number captured or presence only	175	490	320.5	mm	Boat shocking with boom	Good quality	FIS

7/8/1980	Schmetterling, David	Rainbow Trout	10	no estimate, counts only	Total number captured or presence only	142	351	252.8	mm	Boat shocking with boom	Good quality	FIS
7/8/1980	Schmetterling, David	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	206	206	206	mm	Boat shocking with boom	Good quality	FIS
7/1/1980	Schmetterling, David	Brook Trout	1	no estimate, counts only	Total number captured or presence only	251	251	251	mm	Boat shocking with boom	Good quality	FIS
7/1/1980	Schmetterling, David	Brown Trout	95	no estimate, counts only	Total number captured or presence only	114	478	315.8	mm	Boat shocking with boom	Good quality	FIS
7/1/1980	Schmetterling, David	Rainbow Trout	22	no estimate, counts only	Total number captured or presence only	124	422	274	mm	Boat shocking with boom	Good quality	FIS
7/1/1980	Schmetterling, David	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	185	262	219.3	mm	Boat shocking with boom	Good quality	FIS

**Section:** Sculpin Site CF14  
**River Miles:** 227.7 to 227.8

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/15/2009	Schmetterling, David	Rocky Mountain Sculpin	8	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/13/2008	Schmetterling, David	Rocky Mountain Sculpin	11	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/13/2008	Schmetterling, David	Sculpin	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

7/24/2007	Schmetterling, David	Columbia Slimy Sculpin	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/24/2007	Schmetterling, David	Rocky Mountain Sculpin	24	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
7/24/2007	Schmetterling, David	Sculpin	3	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section: R5**  
**River Miles: 228.3 to 232.7**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
5/6/1991	N/A	Brown Trout	44	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
10/4/1990	N/A	Brown Trout	44	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/19/1990	N/A	Brown Trout	46	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/26/1989	N/A	Brown Trout	47	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/3/1989	N/A	Brown Trout	69	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

**Section: R4**  
**River Miles: 235.1 to 239.4**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/14/1992	N/A	Brown Trout	83	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/20/1991	N/A	Brown Trout	95	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
5/2/1991	N/A	Brown Trout	75	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
10/2/1990	N/A	Brown Trout	81	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/18/1990	N/A	Brown Trout	52	per 1000	Peterson	-	-	-	N/A	Boat	Medium	UN

				ft.	mark-recapture						shocking with boom	quality	
9/25/1989	N/A	Brown Trout	81	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN	
3/27/1989	N/A	Brown Trout	60	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN	

**Section:** Sculpin Site CF15  
**River Miles:** 236 to 236.1

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/13/2008	Schmetterling, David	Rocky Mountain Sculpin	19	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP
8/13/2008	Schmetterling, David	Sculpin	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Good quality	FWP

**Section:** Beavertail to Rock Creek  
**River Miles:** 239.7 to 245.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/28/2009	Liermann, Bradley	Brown Trout	21	no estimate, counts only	Total number captured or presence only	177	507	320.6	mm	Boat shocking with boom	Good quality	FIS
4/28/2009	Liermann, Bradley	Rainbow Trout	27	no estimate, counts only	Total number captured or presence only	216	465	302.5	mm	Boat shocking with boom	Good quality	FIS
4/28/2009	Liermann, Bradley	Westslope Cutthroat Trout	16	no estimate, counts only	Total number captured or presence only	198	371	287.6	mm	Boat shocking with boom	Good quality	FIS
4/22/2009	Liermann, Bradley	Brown Trout	12	no estimate, counts only	Total number captured or presence only	195	448	349.3	mm	Boat shocking with boom	Good quality	FIS
4/22/2009	Liermann, Bradley	Rainbow Trout	25	no estimate, counts	Total number captured	187	418	279.3	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
4/22/2009	Liermann, Bradley	Westslope Cutthroat Trout	23	no estimate, counts only	Total number captured or presence only	222	402	281.9	mm	Boat shocking with boom	Good quality	FIS
4/22/2009	Liermann, Bradley	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	325	325	325	mm	Boat shocking with boom	Good quality	FIS
4/20/2009	Liermann, Bradley	Brown Trout	25	no estimate, counts only	Total number captured or presence only	206	491	370.7	mm	Boat shocking with boom	Good quality	FIS
4/20/2009	Liermann, Bradley	Rainbow Trout	38	no estimate, counts only	Total number captured or presence only	212	493	307.2	mm	Boat shocking with boom	Good quality	FIS
4/20/2009	Liermann, Bradley	Westslope Cutthroat Trout	21	no estimate, counts only	Total number captured or presence only	248	428	308.9	mm	Boat shocking with boom	Good quality	FIS
4/20/2009	Liermann, Bradley	Westslope X Rainbow	3	no estimate, counts only	Total number captured or presence only	303	340	322.7	mm	Boat shocking with boom	Good quality	FIS

**Section:** Beavertail-Rock Creek Bridge

**River Miles:** 239.7 to 245.4

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/28/2009	Liermann, Bradley	Brown Trout	21	no estimate, counts only	Total number captured or presence only	177	507	320.6	mm	Electrofishing	Good quality	FWP
4/28/2009	Liermann, Bradley	Rainbow Trout	25	no estimate, counts only	Total number captured or presence only	216	465	298.7	mm	Electrofishing	Good quality	FWP
4/28/2009	Liermann, Bradley	Westslope Cutthroat Trout	11	no estimate, counts	Total number captured	198	371	278.2	mm	Electrofishing	Good quality	FWP



				only	or presence only							
4/22/2009	Liermann, Bradley	Brown Trout	12	no estimate, counts only	Total number captured or presence only	195	448	349.3	mm	Electrofishing	Good quality	FWP
4/22/2009	Liermann, Bradley	Rainbow Trout	25	no estimate, counts only	Total number captured or presence only	187	418	279.3	mm	Electrofishing	Good quality	FWP
4/22/2009	Liermann, Bradley	Westslope Cutthroat Trout	23	no estimate, counts only	Total number captured or presence only	222	402	281.9	mm	Electrofishing	Good quality	FWP
4/22/2009	Liermann, Bradley	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	-	-	325	mm	Electrofishing	Good quality	FWP
4/20/2009	Liermann, Bradley	Brown Trout	25	no estimate, counts only	Total number captured or presence only	206	491	370.7	mm	Electrofishing	Good quality	FWP
4/20/2009	Liermann, Bradley	Rainbow Trout	38	no estimate, counts only	Total number captured or presence only	212	493	307.2	mm	Electrofishing	Good quality	FWP
4/20/2009	Liermann, Bradley	Westslope Cutthroat Trout	22	no estimate, counts only	Total number captured or presence only	248	428	309.6	mm	Electrofishing	Good quality	FWP
4/20/2009	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	303	340	321.5	mm	Electrofishing	Good quality	FWP

**Section:** Sculpin Site CF16  
**River Miles:** 245.1 to 245.2

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/13/2008	Schmetterling, David	Rocky Mountain Sculpin	14	no estimate, counts	Total number captured	-	-	-	N/A	Backpack shocking	Good quality	FWP

				only	or presence only							
<b>Section:</b> Bearmouth - Beavertail <b>River Miles:</b> 245.3 to 253.7												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/30/2009	Liermann, Bradley	Brown Trout	48	no estimate, counts only	Total number captured or presence only	106	508	331.3	mm	Boat shocking with boom	Good quality	FIS
4/30/2009	Liermann, Bradley	Rainbow Trout	18	no estimate, counts only	Total number captured or presence only	226	521	333.6	mm	Boat shocking with boom	Good quality	FIS
4/30/2009	Liermann, Bradley	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	144	422	285.2	mm	Boat shocking with boom	Good quality	FIS
4/30/2009	Liermann, Bradley	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	372	372	372	mm	Boat shocking with boom	Good quality	FIS
4/27/2009	Liermann, Bradley	Brown Trout	41	no estimate, counts only	Total number captured or presence only	180	510	372.6	mm	Boat shocking with boom	Good quality	FIS
4/27/2009	Liermann, Bradley	Rainbow Trout	20	no estimate, counts only	Total number captured or presence only	208	417	301.4	mm	Boat shocking with boom	Good quality	FIS
4/27/2009	Liermann, Bradley	Westslope Cutthroat Trout	19	no estimate, counts only	Total number captured or presence only	216	413	310.8	mm	Boat shocking with boom	Good quality	FIS
4/27/2009	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	397	404	400.5	mm	Boat shocking with boom	Good quality	FIS
4/21/2009	Liermann, Bradley	Brown Trout	47	no estimate, counts	Total number captured	122	513	353	mm	Boat shocking with boom	Good quality	FIS

				only	or presence only							
4/21/2009	Liermann, Bradley	Rainbow Trout	31	no estimate, counts only	Total number captured or presence only	227	430	312.7	mm	Boat shocking with boom	Good quality	FIS
4/21/2009	Liermann, Bradley	Westslope Cutthroat Trout	23	no estimate, counts only	Total number captured or presence only	205	405	300.1	mm	Boat shocking with boom	Good quality	FIS
4/21/2009	Liermann, Bradley	Westslope X Rainbow	5	no estimate, counts only	Total number captured or presence only	244	404	336.2	mm	Boat shocking with boom	Good quality	FIS

**Section:** Bearmouth - Beavertail  
**River Miles:** 245.4 to 260.2

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/13/2010	Liermann, Bradley	Brown Trout	18	no estimate, counts only	Total number captured or presence only	257	525	382.2	mm	Electrofishing	Good quality	FWP
4/13/2010	Liermann, Bradley	Bull Trout	3	no estimate, counts only	Total number captured or presence only	330	718	459.3	mm	Electrofishing	Good quality	FWP
4/13/2010	Liermann, Bradley	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	299	402	358.6	mm	Electrofishing	Good quality	FWP
4/13/2010	Liermann, Bradley	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	264	392	315.3	mm	Electrofishing	Good quality	FWP
4/12/2010	Liermann, Bradley	Brown Trout	25	no estimate, counts only	Total number captured or presence only	260	440	369.9	mm	Electrofishing	Good quality	FWP
4/12/2010	Liermann, Bradley	Bull Trout	1	no estimate, counts	Total number captured	-	-	297	mm	Electrofishing	Good quality	FWP

				only	or presence only							
4/12/2010	Liermann, Bradley	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	288	395	333.3	mm	Electrofishing	Good quality	FWP
4/12/2010	Liermann, Bradley	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	293	386	345	mm	Electrofishing	Good quality	FWP
4/6/2010	Liermann, Bradley	Brown Trout	26	no estimate, counts only	Total number captured or presence only	157	499	356.2	mm	Electrofishing	Good quality	FWP
4/6/2010	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	-	-	345	mm	Electrofishing	Good quality	FWP
4/6/2010	Liermann, Bradley	Largescale Sucker	12	no estimate, counts only	Total number captured or presence only	458	580	518.9	mm	Electrofishing	Good quality	FWP
4/6/2010	Liermann, Bradley	Mountain Whitefish	25	no estimate, counts only	Total number captured or presence only	200	445	337.8	mm	Electrofishing	Good quality	FWP
4/6/2010	Liermann, Bradley	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	-	-	390	mm	Electrofishing	Good quality	FWP
4/6/2010	Liermann, Bradley	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	242	406	354.3	mm	Electrofishing	Good quality	FWP
4/6/2010	Liermann, Bradley	Slimy Sculpin	3	no estimate, counts only	Total number captured or presence only	62	111	85	mm	Electrofishing	Good quality	FWP
4/6/2010	Liermann, Bradley	Westslope Cutthroat Trout	4	no estimate, counts	Total number captured	288	390	353.8	mm	Electrofishing	Good quality	FWP

				only	or presence only							
4/6/2010	Liermann, Bradley	Westslope X Rainbow	5	no estimate, counts only	Total number captured or presence only	338	458	394	mm	Electrofishing	Good quality	FWP
4/5/2010	Liermann, Bradley	Brown Trout	52	no estimate, counts only	Total number captured or presence only	197	482	359.5	mm	Electrofishing	Good quality	FWP
4/5/2010	Liermann, Bradley	Largescale Sucker	11	no estimate, counts only	Total number captured or presence only	458	615	514.9	mm	Electrofishing	Good quality	FWP
4/5/2010	Liermann, Bradley	Mountain Whitefish	25	no estimate, counts only	Total number captured or presence only	259	377	339.2	mm	Electrofishing	Good quality	FWP
4/5/2010	Liermann, Bradley	Rainbow Trout	5	no estimate, counts only	Total number captured or presence only	250	442	358.4	mm	Electrofishing	Good quality	FWP
4/5/2010	Liermann, Bradley	Westslope Cutthroat Trout	16	no estimate, counts only	Total number captured or presence only	100	400	292.7	mm	Electrofishing	Good quality	FWP
4/5/2010	Liermann, Bradley	Westslope X Rainbow	3	no estimate, counts only	Total number captured or presence only	320	346	332.6	mm	Electrofishing	Good quality	FWP
4/30/2009	Liermann, Bradley	Brown Trout	44	no estimate, counts only	Total number captured or presence only	-	-	324.7	mm	Backpack shocking	Good quality	FWP
4/30/2009	Liermann, Bradley	Rainbow Trout	17	no estimate, counts only	Total number captured or presence only	-	-	337.3	mm	Backpack shocking	Good quality	FWP
4/30/2009	Liermann, Bradley	Westslope Cutthroat Trout	12	no estimate, counts	Total number captured	-	-	279.4	mm	Backpack shocking	Good quality	FWP

				only	or presence only							
4/30/2009	Liermann, Bradley	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	-	-	372	mm	Backpack shocking	Good quality	FWP
4/27/2009	Liermann, Bradley	Brown Trout	41	no estimate, counts only	Total number captured or presence only	-	-	372.6	mm	Backpack shocking	Good quality	FWP
4/27/2009	Liermann, Bradley	Rainbow Trout	20	no estimate, counts only	Total number captured or presence only	-	-	301.4	mm	Backpack shocking	Good quality	FWP
4/27/2009	Liermann, Bradley	Westslope Cutthroat Trout	18	no estimate, counts only	Total number captured or presence only	-	-	307.1	mm	Backpack shocking	Good quality	FWP
4/27/2009	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	-	-	400.5	mm	Backpack shocking	Good quality	FWP
4/21/2009	Liermann, Bradley	Brown Trout	47	no estimate, counts only	Total number captured or presence only	-	-	353	mm	Backpack shocking	Good quality	FWP
4/21/2009	Liermann, Bradley	Rainbow Trout	30	no estimate, counts only	Total number captured or presence only	-	-	311.6	mm	Backpack shocking	Good quality	FWP
4/21/2009	Liermann, Bradley	Westslope Cutthroat Trout	23	no estimate, counts only	Total number captured or presence only	-	-	302	mm	Backpack shocking	Good quality	FWP
4/21/2009	Liermann, Bradley	Westslope X Rainbow	4	no estimate, counts only	Total number captured or presence only	-	-	334.8	mm	Backpack shocking	Good quality	FWP

Section: R3

River Miles: 245.6 to 248.4												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
5/1/1992	N/A	Brown Trout	62	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/24/1991	N/A	Brown Trout	102	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
5/1/1991	N/A	Brown Trout	67	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
10/1/1990	N/A	Brown Trout	75	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/19/1990	N/A	Brown Trout	39	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/21/1989	N/A	Brown Trout	78	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
3/31/1989	N/A	Brown Trout	84	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

Section: Bear Gulch to Chalet Bearmouth River Miles: 253.7 to 260.2												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/17/2009	Liermann, Bradley	Brown Trout	87	no estimate, counts only	Total number captured or presence only	119	528	355.4	mm	Boat shocking with boom	Good quality	FIS
4/17/2009	Liermann, Bradley	Bull Trout	2	no estimate, counts only	Total number captured or presence only	369	485	427	mm	Boat shocking with boom	Good quality	FIS
4/17/2009	Liermann, Bradley	Rainbow Trout	10	no estimate, counts only	Total number captured or presence only	197	427	290	mm	Boat shocking with boom	Good quality	FIS
4/17/2009	Liermann, Bradley	Westslope Cutthroat Trout	16	no estimate, counts only	Total number captured or presence only	152	410	296.9	mm	Boat shocking with boom	Good quality	FIS
4/17/2009	Liermann, Bradley	Westslope X Rainbow	3	no estimate, counts only	Total number captured or	260	387	325	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/9/2009	Liermann, Bradley	Brook Trout	1	no estimate, counts only	Total number captured or presence only	263	263	263	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Liermann, Bradley	Brown Trout	58	no estimate, counts only	Total number captured or presence only	132	482	363.9	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	405	405	405	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Liermann, Bradley	Rainbow Trout	11	no estimate, counts only	Total number captured or presence only	251	402	327.2	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Liermann, Bradley	Westslope Cutthroat Trout	14	no estimate, counts only	Total number captured or presence only	261	401	327.3	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Liermann, Bradley	Westslope X Rainbow	5	no estimate, counts only	Total number captured or presence only	354	404	384.8	mm	Boat shocking with boom	Good quality	FIS

**Section:** Bearmouth  
**River Miles:** 254.1 to 260.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/10/2012	Liermann, Bradley	Brown Trout	26	no estimate, counts only	Total number captured or presence only	177	501	317.2	mm	Boat shocking with boom	Good quality	FIS
4/10/2012	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	260	260	260	mm	Boat shocking with boom	Good quality	FIS
4/10/2012	Liermann, Bradley	Rainbow Trout	19	no estimate, counts only	Total number captured or	183	460	297.2	mm	Boat shocking with boom	Good quality	FIS



					presence only							
4/10/2012	Liermann, Bradley	Westslope Cutthroat Trout	41	no estimate, counts only	Total number captured or presence only	168	413	281.1	mm	Boat shocking with boom	Good quality	FIS
4/9/2012	Liermann, Bradley	Brown Trout	23	no estimate, counts only	Total number captured or presence only	233	495	319.8	mm	Boat shocking with boom	Good quality	FIS
4/9/2012	Liermann, Bradley	Rainbow Trout	17	no estimate, counts only	Total number captured or presence only	186	467	274	mm	Boat shocking with boom	Good quality	FIS
4/9/2012	Liermann, Bradley	Westslope Cutthroat Trout	39	no estimate, counts only	Total number captured or presence only	202	389	280.5	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Liermann, Bradley	Brown Trout	31	no estimate, counts only	Total number captured or presence only	211	502	327.3	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Liermann, Bradley	Largescale Sucker	8	no estimate, counts only	Total number captured or presence only	470	570	519.8	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Liermann, Bradley	Mountain Whitefish	45	no estimate, counts only	Total number captured or presence only	125	428	310.2	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Liermann, Bradley	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	340	340	340	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Liermann, Bradley	Rainbow Trout	21	no estimate, counts only	Total number captured or presence only	178	418	281.7	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Liermann, Bradley	Sculpin	3	no estimate, counts only	Total number captured or	90	110	101.7	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/3/2012	Liermann, Bradley	Westslope Cutthroat Trout	32	no estimate, counts only	Total number captured or presence only	200	410	309.7	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Brown Trout	29	no estimate, counts only	Total number captured or presence only	220	493	338.7	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	272	272	272	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Largescale Sucker	12	no estimate, counts only	Total number captured or presence only	406	590	501.1	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Longnose Sucker	1	no estimate, counts only	Total number captured or presence only	294	294	294	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Mountain Whitefish	71	no estimate, counts only	Total number captured or presence only	170	404	325.2	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	338	338	338	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Rainbow Trout	23	no estimate, counts only	Total number captured or presence only	186	409	286.1	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Sculpin	1	no estimate, counts only	Total number captured or presence only	97	97	97	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Liermann, Bradley	Westslope Cutthroat Trout	43	no estimate, counts only	Total number captured or	196	434	295.8	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/15/2011	Liermann, Bradley	Brown Trout	27	no estimate, counts only	Total number captured or presence only	152	523	325.3	mm	Boat shocking with boom	Good quality	FIS
4/15/2011	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	362	362	362	mm	Boat shocking with boom	Good quality	FIS
4/15/2011	Liermann, Bradley	Rainbow Trout	5	no estimate, counts only	Total number captured or presence only	227	366	329.2	mm	Boat shocking with boom	Good quality	FIS
4/15/2011	Liermann, Bradley	Westslope Cutthroat Trout	20	no estimate, counts only	Total number captured or presence only	182	409	313.7	mm	Boat shocking with boom	Good quality	FIS
4/14/2011	Liermann, Bradley	Brown Trout	29	no estimate, counts only	Total number captured or presence only	180	495	339.8	mm	Boat shocking with boom	Good quality	FIS
4/14/2011	Liermann, Bradley	Rainbow Trout	8	no estimate, counts only	Total number captured or presence only	198	465	322.5	mm	Boat shocking with boom	Good quality	FIS
4/14/2011	Liermann, Bradley	Westslope Cutthroat Trout	14	no estimate, counts only	Total number captured or presence only	193	388	308.4	mm	Boat shocking with boom	Good quality	FIS
4/8/2011	Liermann, Bradley	Brown Trout	37	no estimate, counts only	Total number captured or presence only	175	510	365.4	mm	Boat shocking with boom	Good quality	FIS
4/8/2011	Liermann, Bradley	Largescale Sucker	7	no estimate, counts only	Total number captured or presence only	456	610	518.4	mm	Boat shocking with boom	Good quality	FIS
4/8/2011	Liermann, Bradley	Mountain Whitefish	121	no estimate, counts only	Total number captured or	144	403	314.1	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/8/2011	Liermann, Bradley	Rainbow Trout	7	no estimate, counts only	Total number captured or presence only	262	466	372.3	mm	Boat shocking with boom	Good quality	FIS
4/8/2011	Liermann, Bradley	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	192	385	277.5	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Liermann, Bradley	Brown Trout	45	no estimate, counts only	Total number captured or presence only	164	480	332.6	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	486	486	486	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Liermann, Bradley	Largescale Sucker	7	no estimate, counts only	Total number captured or presence only	73	560	421.9	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Liermann, Bradley	Mountain Whitefish	112	no estimate, counts only	Total number captured or presence only	132	443	316.8	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Liermann, Bradley	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	425	425	425	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Liermann, Bradley	Rainbow Trout	13	no estimate, counts only	Total number captured or presence only	152	479	352.5	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Liermann, Bradley	Sculpin	2	no estimate, counts only	Total number captured or presence only	80	92	86	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Liermann, Bradley	Westslope Cutthroat Trout	20	no estimate, counts only	Total number captured or	198	414	327.7	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/13/2010	Liermann, Bradley	Brown Trout	18	no estimate, counts only	Total number captured or presence only	257	525	382.2	mm	Boat shocking with boom	Good quality	FIS
4/13/2010	Liermann, Bradley	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	299	402	358.7	mm	Boat shocking with boom	Good quality	FIS
4/13/2010	Liermann, Bradley	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	264	392	315.3	mm	Boat shocking with boom	Good quality	FIS
4/12/2010	Liermann, Bradley	Brown Trout	25	no estimate, counts only	Total number captured or presence only	260	440	369.9	mm	Boat shocking with boom	Good quality	FIS
4/12/2010	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	297	297	297	mm	Boat shocking with boom	Good quality	FIS
4/12/2010	Liermann, Bradley	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	288	395	333.3	mm	Boat shocking with boom	Good quality	FIS
4/12/2010	Liermann, Bradley	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	293	386	345	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Liermann, Bradley	Brown Trout	26	no estimate, counts only	Total number captured or presence only	157	499	356.2	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	345	345	345	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Liermann, Bradley	Largescale Sucker	12	no estimate, counts only	Total number captured or	458	580	518.9	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/6/2010	Liermann, Bradley	Mountain Whitefish	25	no estimate, counts only	Total number captured or presence only	200	445	337.8	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Liermann, Bradley	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	390	390	390	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Liermann, Bradley	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	242	406	354.3	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Liermann, Bradley	Sculpin	3	no estimate, counts only	Total number captured or presence only	62	111	85	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Liermann, Bradley	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	288	390	353.8	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Liermann, Bradley	Westslope X Rainbow	5	no estimate, counts only	Total number captured or presence only	338	458	394	mm	Boat shocking with boom	Good quality	FIS
4/5/2010	Liermann, Bradley	Brown Trout	52	no estimate, counts only	Total number captured or presence only	197	482	359.5	mm	Boat shocking with boom	Good quality	FIS
4/5/2010	Liermann, Bradley	Largescale Sucker	11	no estimate, counts only	Total number captured or presence only	458	615	514.9	mm	Boat shocking with boom	Good quality	FIS
4/5/2010	Liermann, Bradley	Mountain Whitefish	25	no estimate, counts only	Total number captured or presence only	259	377	339.2	mm	Boat shocking with boom	Good quality	FIS
4/5/2010	Liermann, Bradley	Rainbow Trout	5	no estimate, counts only	Total number captured or	250	442	358.4	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/5/2010	Liermann, Bradley	Westslope Cutthroat Trout	16	no estimate, counts only	Total number captured or presence only	100	400	292.7	mm	Boat shocking with boom	Good quality	FIS
4/5/2010	Liermann, Bradley	Westslope X Rainbow	3	no estimate, counts only	Total number captured or presence only	320	346	332.7	mm	Boat shocking with boom	Good quality	FIS

**Section:** Bear Gulch to Bearmouth  
**River Miles:** 260.2 to 260.4

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/17/2009	Liermann, Bradley	Brown Trout	87	no estimate, counts only	Total number captured or presence only	119	528	355.4	mm	Electrofishing	Good quality	FWP
4/17/2009	Liermann, Bradley	Bull Trout	2	no estimate, counts only	Total number captured or presence only	369	485	427	mm	Electrofishing	Good quality	FWP
4/17/2009	Liermann, Bradley	Rainbow Trout	10	no estimate, counts only	Total number captured or presence only	197	427	290	mm	Electrofishing	Good quality	FWP
4/17/2009	Liermann, Bradley	Westslope Cutthroat Trout	17	no estimate, counts only	Total number captured or presence only	152	410	298.7	mm	Electrofishing	Good quality	FWP
4/17/2009	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	260	387	323.5	mm	Electrofishing	Good quality	FWP
4/9/2009	Liermann, Bradley	Brook Trout	1	no estimate, counts only	Total number captured or presence only	-	-	263	mm	Electrofishing	Good quality	FWP
4/9/2009	Liermann, Bradley	Brown Trout	58	no estimate, counts only	Total number captured or	132	482	363.9	mm	Electrofishing	Good quality	FWP

					presence only							
4/9/2009	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	-	-	405	mm	Electrofishing	Good quality	FWP
4/9/2009	Liermann, Bradley	Rainbow Trout	11	no estimate, counts only	Total number captured or presence only	251	402	327.2	mm	Electrofishing	Good quality	FWP
4/9/2009	Liermann, Bradley	Westslope Cutthroat Trout	15	no estimate, counts only	Total number captured or presence only	261	401	330.8	mm	Electrofishing	Good quality	FWP
4/9/2009	Liermann, Bradley	Westslope X Rainbow	4	no estimate, counts only	Total number captured or presence only	354	404	386	mm	Electrofishing	Good quality	FWP

**Section:** BLM - Bear Gulch  
**River Miles:** 260.3 to 262.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/17/2009	Liermann, Bradley	Brown Trout	44	no estimate, counts only	Total number captured or presence only	106	424	331.1	mm	Electrofishing	Good quality	FWP
4/17/2009	Liermann, Bradley	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	227	385	325.6	mm	Electrofishing	Good quality	FWP
4/9/2009	Liermann, Bradley	Brown Trout	36	no estimate, counts only	Total number captured or presence only	152	452	343.8	mm	Electrofishing	Good quality	FWP
4/9/2009	Liermann, Bradley	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	274	352	313	mm	Electrofishing	Good quality	FWP
4/9/2009	Liermann, Bradley	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or	302	302	302	mm	Electrofishing	Good quality	FWP



					presence only							
<b>Section: BLM access to Bear Gulch</b>												
<b>River Miles: 260.3 to 262.6</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/17/2009	Liermann, Bradley	Brown Trout	22	no estimate, counts only	Total number captured or presence only	106	424	331.1	mm	Boat shocking with boom	Good quality	FIS
4/17/2009	Liermann, Bradley	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	227	365	296	mm	Boat shocking with boom	Good quality	FIS
4/17/2009	Liermann, Bradley	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	385	385	385	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Liermann, Bradley	Brown Trout	18	no estimate, counts only	Total number captured or presence only	152	452	343.8	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	274	352	313	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Liermann, Bradley	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	302	302	302	mm	Boat shocking with boom	Good quality	FIS
<b>Section: Drummond to BLM access</b>												
<b>River Miles: 262.5 to 273.3</b>												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/16/2009	Liermann, Bradley	Brown Trout	165	no estimate, counts only	Total number captured or presence only	110	532	359.6	mm	Boat shocking with boom	Good quality	FIS
4/16/2009	Liermann, Bradley	Rainbow Trout	1	no estimate, counts only	Total number captured or	305	305	305	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/16/2009	Liermann, Bradley	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	260	395	314.4	mm	Boat shocking with boom	Good quality	FIS
4/16/2009	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	297	375	336	mm	Boat shocking with boom	Good quality	FIS
4/8/2009	Liermann, Bradley	Brown Trout	163	no estimate, counts only	Total number captured or presence only	100	565	363.4	mm	Boat shocking with boom	Good quality	FIS
4/8/2009	Liermann, Bradley	Bull Trout	3	no estimate, counts only	Total number captured or presence only	279	335	311.7	mm	Boat shocking with boom	Good quality	FIS
4/8/2009	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	403	449	426	mm	Boat shocking with boom	Good quality	FIS
4/8/2009	Liermann, Bradley	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	243	285	264	mm	Boat shocking with boom	Good quality	FIS
4/8/2009	Liermann, Bradley	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	375	375	375	mm	Boat shocking with boom	Good quality	FIS

**Section: R1**  
**River Miles: 262.5 to 265.1**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/28/1992	N/A	Brown Trout	313	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/25/1991	N/A	Brown Trout	211	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/25/1991	N/A	Rainbow Trout	4	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

4/24/1991	N/A	Brown Trout	186	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/25/1990	N/A	Brown Trout	477	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/12/1990	N/A	Brown Trout	188	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/18/1989	N/A	Brown Trout	190	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
3/28/1989	N/A	Brown Trout	199	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

**Section: R2**  
**River Miles: 262.5 to 264.7**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/30/1992	N/A	Brown Trout	168	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/27/1991	N/A	Brown Trout	90	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/26/1991	N/A	Brown Trout	87	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/26/1990	N/A	Brown Trout	190	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/16/1990	N/A	Brown Trout	38	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
9/19/1989	N/A	Brown Trout	26	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
3/30/1989	N/A	Brown Trout	60	per 1000 ft.	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

**Section: Drummond - BLM**  
**River Miles: 262.6 to 273.3**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/16/2009	Liermann, Bradley	Brown Trout	330	no estimate, counts only	Total number captured or presence only	110	532	358.4	mm	Electrofishing	Good quality	FWP
4/16/2009	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or	305	305	305	mm	Electrofishing	Good quality	FWP

					presence only							
4/16/2009	Liermann, Bradley	Westslope Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	260	395	314.4	mm	Electrofishing	Good quality	FWP
4/16/2009	Liermann, Bradley	Westslope X Rainbow	4	no estimate, counts only	Total number captured or presence only	297	375	336	mm	Electrofishing	Good quality	FWP
4/8/2009	Liermann, Bradley	Brown Trout	326	no estimate, counts only	Total number captured or presence only	100	565	363.4	mm	Electrofishing	Good quality	FWP
4/8/2009	Liermann, Bradley	Bull Trout	6	no estimate, counts only	Total number captured or presence only	279	335	311.6	mm	Electrofishing	Good quality	FWP
4/8/2009	Liermann, Bradley	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	403	449	426	mm	Electrofishing	Good quality	FWP
4/8/2009	Liermann, Bradley	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	243	375	301	mm	Electrofishing	Good quality	FWP

**Section:** Morse Ranch to Drummond  
**River Miles:** 273.3 to 280.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/15/2009	Liermann, Bradley	Brown Trout	128	no estimate, counts only	Total number captured or presence only	128	501	367.2	mm	Boat shocking with boom	Good quality	FIS
4/15/2009	Liermann, Bradley	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	270	380	320	mm	Boat shocking with boom	Good quality	FIS
4/7/2009	Liermann, Bradley	Brown Trout	168	no estimate, counts only	Total number captured or	97	550	375.5	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/7/2009	Liermann, Bradley	Westslope Cutthroat Trout	12	no estimate, counts only	Total number captured or presence only	232	420	312.8	mm	Boat shocking with boom	Good quality	FIS
4/7/2009	Liermann, Bradley	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	341	341	341	mm	Boat shocking with boom	Good quality	FIS

**Section:** Morse to Drummond  
**River Miles:** 273.3 to 280.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/15/2009	Liermann, Bradley	Brown Trout	126	no estimate, counts only	Total number captured or presence only	128	501	366.2	mm	Electrofishing	Good quality	FWP
4/15/2009	Liermann, Bradley	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	270	380	320	mm	Electrofishing	Good quality	FWP
4/7/2009	Liermann, Bradley	Brown Trout	168	no estimate, counts only	Total number captured or presence only	97	550	375.5	mm	Electrofishing	Good quality	FWP
4/7/2009	Liermann, Bradley	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	232	420	314.9	mm	Electrofishing	Good quality	FWP

**Section:** Morse Ranch to Flint Creek  
**River Miles:** 274 to 280.2

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/12/2012	Liermann, Bradley	Brown Trout	116	no estimate, counts only	Total number captured or presence only	124	515	297.6	mm	Boat shocking with boom	Good quality	FIS
4/12/2012	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or	232	472	352	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/12/2012	Liermann, Bradley	Westslope Cutthroat Trout	12	no estimate, counts only	Total number captured or presence only	186	380	295.5	mm	Boat shocking with boom	Good quality	FIS
4/11/2012	Liermann, Bradley	Brown Trout	99	no estimate, counts only	Total number captured or presence only	145	465	289	mm	Boat shocking with boom	Good quality	FIS
4/11/2012	Liermann, Bradley	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	211	320	262.6	mm	Boat shocking with boom	Good quality	FIS
4/5/2012	Liermann, Bradley	Brown Trout	101	no estimate, counts only	Total number captured or presence only	177	455	291.7	mm	Boat shocking with boom	Good quality	FIS
4/5/2012	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	373	373	373	mm	Boat shocking with boom	Good quality	FIS
4/5/2012	Liermann, Bradley	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	280	468	377	mm	Boat shocking with boom	Good quality	FIS
4/5/2012	Liermann, Bradley	Westslope Cutthroat Trout	14	no estimate, counts only	Total number captured or presence only	218	445	314.6	mm	Boat shocking with boom	Good quality	FIS
4/4/2012	Liermann, Bradley	Brown Trout	58	no estimate, counts only	Total number captured or presence only	208	464	323.2	mm	Boat shocking with boom	Good quality	FIS
4/4/2012	Liermann, Bradley	Bull Trout	1	no estimate, counts only	Total number captured or presence only	375	375	375	mm	Boat shocking with boom	Good quality	FIS
4/4/2012	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or	331	420	375.5	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/4/2012	Liermann, Bradley	Westslope Cutthroat Trout	10	no estimate, counts only	Total number captured or presence only	235	375	271.7	mm	Boat shocking with boom	Good quality	FIS
4/13/2011	Liermann, Bradley	Brown Trout	98	no estimate, counts only	Total number captured or presence only	155	470	315.6	mm	Boat shocking with boom	Good quality	FIS
4/13/2011	Liermann, Bradley	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	468	468	468	mm	Boat shocking with boom	Good quality	FIS
4/13/2011	Liermann, Bradley	Westslope Cutthroat Trout	19	no estimate, counts only	Total number captured or presence only	201	314	255.3	mm	Boat shocking with boom	Good quality	FIS
4/12/2011	Liermann, Bradley	Brown Trout	146	no estimate, counts only	Total number captured or presence only	152	472	308.8	mm	Boat shocking with boom	Good quality	FIS
4/12/2011	Liermann, Bradley	Westslope Cutthroat Trout	21	no estimate, counts only	Total number captured or presence only	195	390	274.1	mm	Boat shocking with boom	Good quality	FIS
4/5/2011	Liermann, Bradley	Brown Trout	134	no estimate, counts only	Total number captured or presence only	174	475	314.9	mm	Boat shocking with boom	Good quality	FIS
4/5/2011	Liermann, Bradley	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	425	425	425	mm	Boat shocking with boom	Good quality	FIS
4/5/2011	Liermann, Bradley	Westslope Cutthroat Trout	14	no estimate, counts only	Total number captured or presence only	241	355	293.7	mm	Boat shocking with boom	Good quality	FIS
4/4/2011	Liermann, Bradley	Brook Trout	1	no estimate, counts only	Total number captured or	287	287	287	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/4/2011	Liermann, Bradley	Brook X Bull Trout hybrid	1	no estimate, counts only	Total number captured or presence only	393	393	393	mm	Boat shocking with boom	Good quality	FIS
4/4/2011	Liermann, Bradley	Brown Trout	163	no estimate, counts only	Total number captured or presence only	110	509	314.9	mm	Boat shocking with boom	Good quality	FIS
4/4/2011	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	429	468	448.5	mm	Boat shocking with boom	Good quality	FIS
4/4/2011	Liermann, Bradley	Westslope Cutthroat Trout	8	no estimate, counts only	Total number captured or presence only	282	373	313	mm	Boat shocking with boom	Good quality	FIS
4/16/2010	Liermann, Bradley	Brown Trout	101	no estimate, counts only	Total number captured or presence only	120	521	338.2	mm	Boat shocking with boom	Good quality	FIS
4/16/2010	Liermann, Bradley	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	421	421	421	mm	Boat shocking with boom	Good quality	FIS
4/16/2010	Liermann, Bradley	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	252	290	270.5	mm	Boat shocking with boom	Good quality	FIS
4/15/2010	Liermann, Bradley	Brown Trout	96	no estimate, counts only	Total number captured or presence only	140	506	352.6	mm	Boat shocking with boom	Good quality	FIS
4/15/2010	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	326	355	340.5	mm	Boat shocking with boom	Good quality	FIS
4/15/2010	Liermann, Bradley	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or	227	318	268.3	mm	Boat shocking with boom	Good quality	FIS



					presence only							
4/9/2010	Liermann, Bradley	Brown Trout	77	no estimate, counts only	Total number captured or presence only	115	504	346.5	mm	Boat shocking with boom	Good quality	FIS
4/9/2010	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	393	416	404.5	mm	Boat shocking with boom	Good quality	FIS
4/9/2010	Liermann, Bradley	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	287	287	287	mm	Boat shocking with boom	Good quality	FIS
4/9/2010	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	327	342	334.5	mm	Boat shocking with boom	Good quality	FIS
4/8/2010	Liermann, Bradley	Brown Trout	142	no estimate, counts only	Total number captured or presence only	118	535	347.9	mm	Boat shocking with boom	Good quality	FIS
4/8/2010	Liermann, Bradley	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	227	355	291.9	mm	Boat shocking with boom	Good quality	FIS
4/8/2010	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	305	352	328.5	mm	Boat shocking with boom	Good quality	FIS

**Section:** Jens to Morse Ranch  
**River Miles:** 280.2 to 285.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/13/2009	Liermann, Bradley	Brown Trout	152	no estimate, counts only	Total number captured or presence only	125	485	359.5	mm	Boat shocking with boom	Good quality	FIS
4/13/2009	Liermann, Bradley	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or	216	273	245.7	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/6/2009	Liermann, Bradley	Brown Trout	254	no estimate, counts only	Total number captured or presence only	130	506	367.1	mm	Boat shocking with boom	Good quality	FIS
4/6/2009	Liermann, Bradley	Northern Pike Minnow	2	no estimate, counts only	Total number captured or presence only	421	539	480	mm	Boat shocking with boom	Good quality	FIS
4/6/2009	Liermann, Bradley	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	229	347	295	mm	Boat shocking with boom	Good quality	FIS

**Section:** Jens to Morse  
**River Miles:** 280.3 to 285.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/16/2010	Liermann, Bradley	Brown Trout	98	no estimate, counts only	Total number captured or presence only	120	521	336.1	mm	Electrofishing	Good quality	FWP
4/16/2010	Liermann, Bradley	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	421	mm	Electrofishing	Good quality	FWP
4/16/2010	Liermann, Bradley	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	252	290	270.5	mm	Electrofishing	Good quality	FWP
4/15/2010	Liermann, Bradley	Brown Trout	96	no estimate, counts only	Total number captured or presence only	232	506	355.4	mm	Electrofishing	Good quality	FWP
4/15/2010	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	326	355	340.5	mm	Electrofishing	Good quality	FWP
4/15/2010	Liermann, Bradley	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or	227	318	268.3	mm	Electrofishing	Good quality	FWP

					presence only							
4/9/2010	Liermann, Bradley	Brown Trout	77	no estimate, counts only	Total number captured or presence only	115	504	346.5	mm	Electrofishing	Good quality	FWP
4/9/2010	Liermann, Bradley	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	393	416	404.5	mm	Electrofishing	Good quality	FWP
4/9/2010	Liermann, Bradley	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	287	mm	Electrofishing	Good quality	FWP
4/9/2010	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	327	342	334.5	mm	Electrofishing	Good quality	FWP
4/8/2010	Liermann, Bradley	Brown Trout	142	no estimate, counts only	Total number captured or presence only	118	535	347.9	mm	Electrofishing	Good quality	FWP
4/8/2010	Liermann, Bradley	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	227	355	291.9	mm	Electrofishing	Good quality	FWP
4/8/2010	Liermann, Bradley	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	305	352	328.5	mm	Electrofishing	Good quality	FWP
4/13/2009	Liermann, Bradley	Brown Trout	152	no estimate, counts only	Total number captured or presence only	125	485	359.5	mm	Electrofishing	Good quality	FWP
4/13/2009	Liermann, Bradley	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	216	273	245.6	mm	Electrofishing	Good quality	FWP
4/6/2009	Liermann, Bradley	Brown Trout	508	no estimate, counts only	Total number captured or	130	506	367.1	mm	Electrofishing	Good quality	FWP

					presence only							
4/6/2009	Liermann, Bradley	Brown Trout	152	no estimate, counts only	Total number captured or presence only	125	485	359.5	mm	Electrofishing	Good quality	FWP
4/6/2009	Liermann, Bradley	Northern Pike Minnow	4	no estimate, counts only	Total number captured or presence only	421	539	480	mm	Electrofishing	Good quality	FWP
4/6/2009	Liermann, Bradley	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	229	347	295	mm	Electrofishing	Good quality	FWP
4/6/2009	Liermann, Bradley	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	216	273	245.6	mm	Electrofishing	Good quality	FWP

**Section:** Phosphate  
**River Miles:** 287.2 to 289.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/10/2012	Lindstrom, Jason	Brown Trout	75	no estimate, counts only	Total number captured or presence only	113	415	248.4	mm	Boat shocking with boom	Good quality	FIS
4/10/2012	Lindstrom, Jason	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	218	335	274.3	mm	Boat shocking with boom	Good quality	FIS
4/9/2012	Lindstrom, Jason	Brown Trout	89	no estimate, counts only	Total number captured or presence only	122	436	273.8	mm	Boat shocking with boom	Good quality	FIS
4/9/2012	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	630	630	630	mm	Boat shocking with boom	Good quality	FIS
4/9/2012	Lindstrom, Jason	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or	223	325	275.6	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/3/2012	Lindstrom, Jason	Brown Trout	53	no estimate, counts only	Total number captured or presence only	123	419	270.6	mm	Boat shocking with boom	Good quality	FIS
4/3/2012	Lindstrom, Jason	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	205	336	255.7	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Lindstrom, Jason	Brown Trout	97	no estimate, counts only	Total number captured or presence only	111	464	288.9	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Lindstrom, Jason	Bull Trout	1	no estimate, counts only	Total number captured or presence only	305	305	305	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	215	215	215	mm	Boat shocking with boom	Good quality	FIS
4/2/2012	Lindstrom, Jason	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	187	364	283.6	mm	Boat shocking with boom	Good quality	FIS
4/12/2011	Lindstrom, Jason	Brown Trout	34	no estimate, counts only	Total number captured or presence only	156	457	303.5	mm	Boat shocking with boom	Good quality	FIS
4/12/2011	Lindstrom, Jason	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	207	354	273.8	mm	Boat shocking with boom	Good quality	FIS
4/11/2011	Lindstrom, Jason	Brown Trout	83	no estimate, counts only	Total number captured or presence only	129	438	318.6	mm	Boat shocking with boom	Good quality	FIS
4/11/2011	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or	296	296	296	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/11/2011	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	367	367	367	mm	Boat shocking with boom	Good quality	FIS
4/5/2011	Lindstrom, Jason	Brown Trout	66	no estimate, counts only	Total number captured or presence only	104	409	291.1	mm	Boat shocking with boom	Good quality	FIS
4/5/2011	Lindstrom, Jason	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	228	378	300	mm	Boat shocking with boom	Good quality	FIS
4/4/2011	Lindstrom, Jason	Brown Trout	103	no estimate, counts only	Total number captured or presence only	108	474	305.8	mm	Boat shocking with boom	Good quality	FIS
4/13/2010	Lindstrom, Jason	Brown Trout	43	no estimate, counts only	Total number captured or presence only	175	480	321	mm	Boat shocking with boom	Good quality	FIS
4/13/2010	Lindstrom, Jason	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	494	494	494	mm	Boat shocking with boom	Good quality	FIS
4/13/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	347	347	347	mm	Boat shocking with boom	Good quality	FIS
4/12/2010	Lindstrom, Jason	Brown Trout	89	no estimate, counts only	Total number captured or presence only	117	470	333.6	mm	Boat shocking with boom	Good quality	FIS
4/12/2010	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	242	286	264	mm	Boat shocking with boom	Good quality	FIS
4/6/2010	Lindstrom, Jason	Brown Trout	68	no estimate, counts only	Total number captured or	101	440	286.5	mm	Boat shocking with boom	Good quality	FIS

					presence only							
4/5/2010	Lindstrom, Jason	Brown Trout	124	no estimate, counts only	Total number captured or presence only	97	478	316.1	mm	Boat shocking with boom	Good quality	FIS
4/5/2010	Lindstrom, Jason	Northern Pike Minnow	2	no estimate, counts only	Total number captured or presence only	480	513	496.5	mm	Boat shocking with boom	Good quality	FIS
4/5/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	345	345	345	mm	Boat shocking with boom	Good quality	FIS
4/30/2008	Lindstrom, Jason	Brown Trout	91	no estimate, counts only	Total number captured or presence only	97	423	333.1	mm	Boat shocking with boom	Good quality	FIS
4/29/2008	Lindstrom, Jason	Brown Trout	100	no estimate, counts only	Total number captured or presence only	118	452	322.9	mm	Boat shocking with boom	Good quality	FIS
4/23/2008	Lindstrom, Jason	Brown Trout	88	no estimate, counts only	Total number captured or presence only	225	450	339.1	mm	Boat shocking with boom	Good quality	FIS
4/23/2008	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	380	380	380	mm	Boat shocking with boom	Good quality	FIS
4/22/2008	Lindstrom, Jason	Brown Trout	119	no estimate, counts only	Total number captured or presence only	153	468	350.8	mm	Boat shocking with boom	Good quality	FIS
4/22/2008	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	256	339	297.5	mm	Boat shocking with boom	Good quality	FIS

**Section:** Phosphate Bridge to Jens Bridge  
**River Miles:** 287.2 to 293.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/24/2009	Lindstrom, Jason	Brown Trout	384	no estimate, counts only	Total number captured or presence only	89	480	338.3	mm	Boat shocking with boom	Good quality	FIS
4/24/2009	Lindstrom, Jason	Brown Trout	384	no estimate, counts only	Total number captured or presence only	89	480	338.3	mm	Electrofishing	Good quality	FWP
4/24/2009	Lindstrom, Jason	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	-	-	539	mm	Electrofishing	Good quality	FWP
4/24/2009	Lindstrom, Jason	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	539	539	539	mm	Boat shocking with boom	Good quality	FIS
4/24/2009	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	274	353	313.5	mm	Boat shocking with boom	Good quality	FIS
4/24/2009	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	274	353	313.5	mm	Electrofishing	Good quality	FWP
4/24/2009	Lindstrom, Jason	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	339	365	352	mm	Electrofishing	Good quality	FWP
4/24/2009	Lindstrom, Jason	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	339	365	352	mm	Boat shocking with boom	Good quality	FIS
4/17/2009	Lindstrom, Jason	Brown Trout	431	no estimate, counts only	Total number captured or presence only	92	508	341.3	mm	Boat shocking with boom	Good quality	FIS
4/17/2009	Lindstrom, Jason	Brown Trout	354	no estimate, counts	Total number captured	95	508	339	mm	Electrofishing	Good quality	FWP



				only	or presence only							
4/17/2009	Lindstrom, Jason	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	178	342	294.5	mm	Electrofishing	Good quality	FWP
4/17/2009	Lindstrom, Jason	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	178	342	293.6	mm	Boat shocking with boom	Good quality	FIS

**Section:** Phosphate  
**River Miles:** 294 to 295

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/13/2010	Lindstrom, Jason	Brown Trout	49	no estimate, counts only	Total number captured or presence only	175	480	325.8	mm	Electrofishing	Good quality	FWP
4/13/2010	Lindstrom, Jason	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	-	-	494	mm	Electrofishing	Good quality	FWP
4/13/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	347	mm	Electrofishing	Good quality	FWP
4/12/2010	Lindstrom, Jason	Brown Trout	89	no estimate, counts only	Total number captured or presence only	117	470	333.6	mm	Electrofishing	Good quality	FWP
4/12/2010	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	242	286	264	mm	Electrofishing	Good quality	FWP
4/6/2010	Lindstrom, Jason	Brown Trout	82	no estimate, counts only	Total number captured or presence only	101	473	296.8	mm	Electrofishing	Good quality	FWP
4/6/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts	Total number captured	-	-	345	mm	Electrofishing	Good quality	FWP

				only	or presence only							
4/5/2010	Lindstrom, Jason	Brown Trout	124	no estimate, counts only	Total number captured or presence only	97	478	316.1	mm	Electrofishing	Good quality	FWP
4/5/2010	Lindstrom, Jason	Northern Pike Minnow	2	no estimate, counts only	Total number captured or presence only	480	513	496.5	mm	Electrofishing	Good quality	FWP
4/5/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	345	mm	Electrofishing	Good quality	FWP
4/30/2008	Lindstrom, Jason	Brown Trout	99	no estimate, counts only	Total number captured or presence only	97	423	337.4	mm	Electrofishing	Medium quality	FWP
4/29/2008	Lindstrom, Jason	Brown Trout	100	no estimate, counts only	Total number captured or presence only	118	452	322.9	mm	Electrofishing	Medium quality	FWP
4/23/2008	Lindstrom, Jason	Brown Trout	105	no estimate, counts only	Total number captured or presence only	225	450	344.6	mm	Electrofishing	Medium quality	FWP
4/23/2008	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	380	mm	Electrofishing	Medium quality	FWP
4/22/2008	Lindstrom, Jason	Brown Trout	119	no estimate, counts only	Total number captured or presence only	153	468	350.8	mm	Electrofishing	Medium quality	FWP
4/22/2008	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	256	339	297.5	mm	Electrofishing	Medium quality	FWP

**Section:** Kohrs Bend FAS to Phosphate Bridge

**River Miles: 294.6 to 302.1**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/23/2009	Lindstrom, Jason	Brown Trout	236	no estimate, counts only	Total number captured or presence only	105	570	328.4	mm	Boat shocking with boom	Good quality	FIS
4/23/2009	Lindstrom, Jason	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	255	302	280.4	mm	Boat shocking with boom	Good quality	FIS
4/16/2009	Lindstrom, Jason	Brown Trout	386	no estimate, counts only	Total number captured or presence only	96	491	340.7	mm	Boat shocking with boom	Good quality	FIS
4/16/2009	Lindstrom, Jason	Westslope Cutthroat Trout	14	no estimate, counts only	Total number captured or presence only	230	366	279.8	mm	Boat shocking with boom	Good quality	FIS

**Section: Kohr's Bend FAS to Phosphate Bridge**  
**River Miles: 294.6 to 302.1**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/23/2009	Lindstrom, Jason	Brown Trout	236	no estimate, counts only	Total number captured or presence only	105	570	328.4	mm	Electrofishing	Good quality	FWP
4/23/2009	Lindstrom, Jason	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	255	302	280.4	mm	Electrofishing	Good quality	FWP
4/16/2009	Lindstrom, Jason	Brown Trout	301	no estimate, counts only	Total number captured or presence only	96	491	338.1	mm	Electrofishing	Good quality	FWP
4/16/2009	Lindstrom, Jason	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	234	366	280.2	mm	Electrofishing	Good quality	FWP

**Section: State Land Near FFA to Kohrs Bend FAS**

**River Miles: 304.4 to 308**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/22/2009	Lindstrom, Jason	Brown Trout	146	no estimate, counts only	Total number captured or presence only	108	527	330.6	mm	Boat shocking with boom	Good quality	FIS
4/22/2009	Lindstrom, Jason	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	273	372	325.7	mm	Boat shocking with boom	Good quality	FIS
4/15/2009	Lindstrom, Jason	Brown Trout	182	no estimate, counts only	Total number captured or presence only	106	527	354	mm	Boat shocking with boom	Good quality	FIS
4/15/2009	Lindstrom, Jason	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	255	365	292.3	mm	Boat shocking with boom	Good quality	FIS

**Section: State Land Near FFA to Kohr's Bend FAS**

**River Miles: 304.4 to 308**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/22/2009	Lindstrom, Jason	Brown Trout	146	no estimate, counts only	Total number captured or presence only	108	527	330.6	mm	Electrofishing	Good quality	FWP
4/22/2009	Lindstrom, Jason	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	273	372	325.7	mm	Electrofishing	Good quality	FWP
4/15/2009	Lindstrom, Jason	Brown Trout	182	no estimate, counts only	Total number captured or presence only	106	527	354	mm	Electrofishing	Good quality	FWP
4/15/2009	Lindstrom, Jason	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	255	365	292.3	mm	Electrofishing	Good quality	FWP

**Section: William Tavenner Short**

**River Miles: 308 to 309.2**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/18/2008	Lindstrom, Jason	Brown Trout	55	no estimate, counts only	Total number captured or presence only	127	510	344.8	mm	Boat shocking with boom	Good quality	FIS
4/17/2008	Lindstrom, Jason	Brown Trout	53	no estimate, counts only	Total number captured or presence only	118	480	348.7	mm	Boat shocking with boom	Good quality	FIS
4/11/2008	Lindstrom, Jason	Brown Trout	48	no estimate, counts only	Total number captured or presence only	265	506	359.4	mm	Boat shocking with boom	Good quality	FIS
4/10/2008	Lindstrom, Jason	Brown Trout	66	no estimate, counts only	Total number captured or presence only	150	524	347.6	mm	Boat shocking with boom	Good quality	FIS

**Section: WILLIAMS TAVENNER  
River Miles: 308 to 309.2**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/24/2012	Lindstrom, Jason	Brown Trout	92	no estimate, counts only	Total number captured or presence only	109	457	257	mm	Boat shocking with boom	Good quality	FIS
4/24/2012	Lindstrom, Jason	Westslope Cutthroat Trout	12	no estimate, counts only	Total number captured or presence only	176	373	308.5	mm	Boat shocking with boom	Good quality	FIS
4/23/2012	Lindstrom, Jason	Brown Trout	125	no estimate, counts only	Total number captured or presence only	119	497	276.8	mm	Boat shocking with boom	Good quality	FIS
4/23/2012	Lindstrom, Jason	Westslope Cutthroat Trout	23	no estimate, counts only	Total number captured or presence only	220	368	302.8	mm	Boat shocking with boom	Good quality	FIS
4/17/2012	Lindstrom, Jason	Brown Trout	61	no estimate,	Total number	127	475	267.3	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
4/17/2012	Lindstrom, Jason	Westslope Cutthroat Trout	9	no estimate, counts only	Total number captured or presence only	170	366	298.4	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	221	221	221	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Lindstrom, Jason	Brown Trout	123	no estimate, counts only	Total number captured or presence only	109	474	279.1	mm	Boat shocking with boom	Good quality	FIS
4/16/2012	Lindstrom, Jason	Westslope Cutthroat Trout	20	no estimate, counts only	Total number captured or presence only	170	360	303.4	mm	Boat shocking with boom	Good quality	FIS
4/14/2011	Lindstrom, Jason	Brown Trout	75	no estimate, counts only	Total number captured or presence only	108	463	295.7	mm	Boat shocking with boom	Good quality	FIS
4/14/2011	Lindstrom, Jason	Westslope Cutthroat Trout	6	no estimate, counts only	Total number captured or presence only	213	290	263.5	mm	Boat shocking with boom	Good quality	FIS
4/13/2011	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	196	196	196	mm	Boat shocking with boom	Good quality	FIS
4/13/2011	Lindstrom, Jason	Brown Trout	79	no estimate, counts only	Total number captured or presence only	111	506	306.3	mm	Boat shocking with boom	Good quality	FIS
4/13/2011	Lindstrom, Jason	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	227	306	278.3	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Lindstrom, Jason	Brook Trout	1	no estimate,	Total number	209	209	209	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
4/7/2011	Lindstrom, Jason	Brown Trout	49	no estimate, counts only	Total number captured or presence only	117	442	317.4	mm	Boat shocking with boom	Good quality	FIS
4/7/2011	Lindstrom, Jason	Westslope Cutthroat Trout	7	no estimate, counts only	Total number captured or presence only	219	328	291.7	mm	Boat shocking with boom	Good quality	FIS
4/6/2011	Lindstrom, Jason	Brown Trout	78	no estimate, counts only	Total number captured or presence only	125	514	344.3	mm	Boat shocking with boom	Good quality	FIS
4/6/2011	Lindstrom, Jason	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	218	298	259.8	mm	Boat shocking with boom	Good quality	FIS
4/15/2010	Lindstrom, Jason	Brown Trout	97	no estimate, counts only	Total number captured or presence only	114	495	352.6	mm	Electrofishing	Good quality	FWP
4/15/2010	Lindstrom, Jason	Brown Trout	88	no estimate, counts only	Total number captured or presence only	114	495	351.8	mm	Boat shocking with boom	Good quality	FIS
4/15/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	315	mm	Electrofishing	Good quality	FWP
4/15/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	315	315	315	mm	Boat shocking with boom	Good quality	FIS
4/14/2010	Lindstrom, Jason	Brown Trout	77	no estimate, counts only	Total number captured or presence only	115	532	359.5	mm	Electrofishing	Good quality	FWP
4/14/2010	Lindstrom, Jason	Brown Trout	77	no estimate,	Total number	115	532	359.5	mm	Boat shocking with	Good quality	FIS

				counts only	captured or presence only					boom		
4/14/2010	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	315	315	315	mm	Electrofishing	Good quality	FWP
4/14/2010	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	315	315	315	mm	Boat shocking with boom	Good quality	FIS
4/8/2010	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	-	-	145	mm	Electrofishing	Good quality	FWP
4/8/2010	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	145	145	145	mm	Boat shocking with boom	Good quality	FIS
4/8/2010	Lindstrom, Jason	Brown Trout	54	no estimate, counts only	Total number captured or presence only	118	458	344.2	mm	Electrofishing	Good quality	FWP
4/8/2010	Lindstrom, Jason	Brown Trout	54	no estimate, counts only	Total number captured or presence only	118	458	344.2	mm	Boat shocking with boom	Good quality	FIS
4/8/2010	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	265	285	275	mm	Electrofishing	Good quality	FWP
4/8/2010	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	265	285	275	mm	Boat shocking with boom	Good quality	FIS
4/7/2010	Lindstrom, Jason	Brown Trout	101	no estimate, counts only	Total number captured or presence only	114	509	346	mm	Electrofishing	Good quality	FWP
4/7/2010	Lindstrom, Jason	Brown Trout	101	no estimate,	Total number	114	509	346	mm	Boat shocking with	Good quality	FIS



				counts only	captured or presence only					boom		
4/7/2010	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	290	294	292	mm	Electrofishing	Good quality	FWP
4/7/2010	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	290	294	292	mm	Boat shocking with boom	Good quality	FIS
4/18/2008	Lindstrom, Jason	Brown Trout	58	no estimate, counts only	Total number captured or presence only	127	510	346	mm	Electrofishing	Medium quality	FWP
4/17/2008	Lindstrom, Jason	Brown Trout	53	no estimate, counts only	Total number captured or presence only	118	480	348.7	mm	Electrofishing	Medium quality	FWP
4/11/2008	Lindstrom, Jason	Brown Trout	48	no estimate, counts only	Total number captured or presence only	265	506	359.4	mm	Electrofishing	Medium quality	FWP
4/10/2008	Lindstrom, Jason	Brown Trout	66	no estimate, counts only	Total number captured or presence only	150	524	347.6	mm	Electrofishing	Medium quality	FWP
4/1/2002	Hadley, Wayne	Brown Trout	115	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/2000	Hadley, Wayne	Brown Trout	177	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1998	Hadley, Wayne	Brown Trout	204	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1996	Hadley, Wayne	Brown Trout	127	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1994	Hadley, Wayne	Brown Trout	197	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1992	Hadley, Wayne	Brown Trout	115	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1991	Hadley,	Brown Trout	98	per mile	Peterson	-	-	-	N/A	Boat	Medium	FWP

	Wayne				mark-recapture						shocking with boom	quality	
4/1/1990	Hadley, Wayne	Brown Trout	193	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	
4/1/1989	Hadley, Wayne	Brown Trout	82	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	
4/1/1988	Hadley, Wayne	Brown Trout	269	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	
4/1/1987	Hadley, Wayne	Brown Trout	398	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	
4/1/1986	Hadley, Wayne	Brown Trout	158	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	
4/1/1985	Hadley, Wayne	Brown Trout	113	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	
4/1/1984	Hadley, Wayne	Brown Trout	246	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	
4/1/1982	Hadley, Wayne	Brown Trout	239	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	
4/1/1981	Hadley, Wayne	Brown Trout	298	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP	

**Section:** Arrowstone Park to State Land Near FFA  
**River Miles:** 308.6 to 314.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/21/2009	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	-	-	357	mm	Electrofishing	Good quality	FWP
4/21/2009	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	357	357	357	mm	Boat shocking with boom	Good quality	FIS
4/21/2009	Lindstrom, Jason	Brown Trout	326	no estimate, counts only	Total number captured or presence only	99	565	333.7	mm	Boat shocking with boom	Good quality	FIS
4/21/2009	Lindstrom, Jason	Brown Trout	326	no estimate, counts only	Total number captured or presence only	99	565	333.7	mm	Electrofishing	Good quality	FWP

					only							
4/21/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	480	mm	Electrofishing	Good quality	FWP
4/21/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	480	480	480	mm	Boat shocking with boom	Good quality	FIS
4/21/2009	Lindstrom, Jason	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	298	401	340	mm	Boat shocking with boom	Good quality	FIS
4/21/2009	Lindstrom, Jason	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	298	401	340	mm	Electrofishing	Good quality	FWP
4/21/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	-	-	320	mm	Electrofishing	Good quality	FWP
4/21/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	320	320	320	mm	Boat shocking with boom	Good quality	FIS
4/14/2009	Lindstrom, Jason	Brown Trout	360	no estimate, counts only	Total number captured or presence only	92	525	339	mm	Boat shocking with boom	Good quality	FIS
4/14/2009	Lindstrom, Jason	Brown Trout	360	no estimate, counts only	Total number captured or presence only	92	525	339	mm	Electrofishing	Good quality	FWP
4/14/2009	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	350	416	383	mm	Electrofishing	Good quality	FWP
4/14/2009	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	350	416	383	mm	Boat shocking with boom	Good quality	FIS

					only							
4/14/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	337	337	337	mm	Boat shocking with boom	Good quality	FIS
4/14/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	-	-	337	mm	Electrofishing	Good quality	FWP

**Section:** N/A  
**River Miles:** 311.7 to 311.8

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
6/1/2002	Bramblett, Robert	Brown Trout	9	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Largescale Sucker	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Mottled Sculpin	6	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Redside Shiner	7	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU

**Section:** N/A  
**River Miles:** 311.9 to 312

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
6/1/2002	Bramblett, Robert	Longnose Sucker	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU

**Section:** N/A  
**River Miles:** 313.2 to 313.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source

Date	Collector	Species	Est.	Unit	Method	Min	Max	Avg.	Unit	Gear	Rating	Source
6/1/2002	Bramblett, Robert	Brown Trout	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Largescale Sucker	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Longnose Sucker	3	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU

**Section:** N/A  
**River Miles:** 313.4 to 313.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
6/1/2002	Bramblett, Robert	Brown Trout	23	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Largescale Sucker	5	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Longnose Sucker	5	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Mottled Sculpin	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Redside Shiner	3	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU

**Section:** N/A  
**River Miles:** 313.8 to 313.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source

Date	Collector	Species	Est.	Unit	Method	Min	Max	Avg.	Unit	Gear	Rating	Source
6/1/2002	Bramblett, Robert	Brown Trout	32	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Largescale Sucker	10	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Longnose Sucker	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Mottled Sculpin	3	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU
6/1/2002	Bramblett, Robert	Mountain Whitefish	5	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Seine	Unknown	MSU

**Section:** Below Sager Lane  
**River Miles:** 315 to 318.2

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/26/2012	Lindstrom, Jason	Brook Trout	5	no estimate, counts only	Total number captured or presence only	188	260	229.8	mm	Boat shocking with boom	Good quality	FIS
4/26/2012	Lindstrom, Jason	Brown Trout	160	no estimate, counts only	Total number captured or presence only	99	595	233.9	mm	Boat shocking with boom	Good quality	FIS
4/26/2012	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	330	346	338	mm	Boat shocking with boom	Good quality	FIS
4/25/2012	Lindstrom, Jason	Brook Trout	2	no estimate, counts only	Total number captured or presence only	170	260	215	mm	Boat shocking with boom	Good quality	FIS

					only							
4/25/2012	Lindstrom, Jason	Brown Trout	200	no estimate, counts only	Total number captured or presence only	105	512	247.2	mm	Boat shocking with boom	Good quality	FIS
4/25/2012	Lindstrom, Jason	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	277	305	289.7	mm	Boat shocking with boom	Good quality	FIS
4/19/2012	Lindstrom, Jason	Brook Trout	2	no estimate, counts only	Total number captured or presence only	134	265	199.5	mm	Boat shocking with boom	Good quality	FIS
4/19/2012	Lindstrom, Jason	Brown Trout	122	no estimate, counts only	Total number captured or presence only	103	440	237.5	mm	Boat shocking with boom	Good quality	FIS
4/19/2012	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	290	334	312	mm	Boat shocking with boom	Good quality	FIS
4/18/2012	Lindstrom, Jason	Brook Trout	6	no estimate, counts only	Total number captured or presence only	163	273	211.2	mm	Boat shocking with boom	Good quality	FIS
4/18/2012	Lindstrom, Jason	Brown Trout	93	no estimate, counts only	Total number captured or presence only	90	525	268.2	mm	Boat shocking with boom	Good quality	FIS
4/18/2012	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	347	347	347	mm	Boat shocking with boom	Good quality	FIS
4/27/2011	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	202	202	202	mm	Boat shocking with boom	Good quality	FIS
4/27/2011	Lindstrom, Jason	Brown Trout	104	no estimate, counts only	Total number captured or presence only	103	489	298.1	mm	Boat shocking with boom	Good quality	FIS

					only							
4/27/2011	Lindstrom, Jason	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	280	392	328	mm	Boat shocking with boom	Good quality	FIS
4/21/2011	Lindstrom, Jason	Brown Trout	42	no estimate, counts only	Total number captured or presence only	233	495	350.5	mm	Boat shocking with boom	Good quality	FIS
4/21/2011	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	357	357	357	mm	Boat shocking with boom	Good quality	FIS
4/20/2011	Lindstrom, Jason	Brown Trout	78	no estimate, counts only	Total number captured or presence only	125	486	318	mm	Boat shocking with boom	Good quality	FIS
4/27/2010	Lindstrom, Jason	Brown Trout	99	no estimate, counts only	Total number captured or presence only	101	513	275.1	mm	Boat shocking with boom	Good quality	FIS
4/27/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	645	645	645	mm	Boat shocking with boom	Good quality	FIS
4/27/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	-	mm	Boat shocking with boom	Good quality	FIS
4/26/2010	Lindstrom, Jason	Brook Trout	2	no estimate, counts only	Total number captured or presence only	125	278	201.5	mm	Boat shocking with boom	Good quality	FIS
4/26/2010	Lindstrom, Jason	Brown Trout	157	no estimate, counts only	Total number captured or presence only	93	518	286	mm	Boat shocking with boom	Good quality	FIS
4/20/2010	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	293	293	293	mm	Boat shocking with boom	Good quality	FIS



					only							
4/20/2010	Lindstrom, Jason	Brown Trout	56	no estimate, counts only	Total number captured or presence only	100	474	300.9	mm	Boat shocking with boom	Good quality	FIS
4/19/2010	Lindstrom, Jason	Brown Trout	95	no estimate, counts only	Total number captured or presence only	99	525	337.1	mm	Boat shocking with boom	Good quality	FIS

**Section:** Sager Lane Bridge to Arrowstone Park  
**River Miles:** 315.9 to 321.8

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/20/2009	Lindstrom, Jason	Brook Trout	3	no estimate, counts only	Total number captured or presence only	135	236	174.3	mm	Boat shocking with boom	Good quality	FIS
4/20/2009	Lindstrom, Jason	Brook Trout	3	no estimate, counts only	Total number captured or presence only	135	236	174.3	mm	Electrofishing	Good quality	FWP
4/20/2009	Lindstrom, Jason	Brown Trout	210	no estimate, counts only	Total number captured or presence only	105	533	360.6	mm	Electrofishing	Good quality	FWP
4/20/2009	Lindstrom, Jason	Brown Trout	208	no estimate, counts only	Total number captured or presence only	105	533	360.4	mm	Boat shocking with boom	Good quality	FIS
4/20/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	640	640	640	mm	Boat shocking with boom	Good quality	FIS
4/20/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	640	mm	Electrofishing	Good quality	FWP
4/13/2009	Lindstrom, Jason	Brook Trout	3	no estimate, counts only	Total number captured or presence only	132	239	169.3	mm	Electrofishing	Good quality	FWP

					only							
4/13/2009	Lindstrom, Jason	Brook Trout	3	no estimate, counts only	Total number captured or presence only	132	239	169.3	mm	Boat shocking with boom	Good quality	FIS
4/13/2009	Lindstrom, Jason	Brown Trout	195	no estimate, counts only	Total number captured or presence only	108	496	360	mm	Boat shocking with boom	Good quality	FIS
4/13/2009	Lindstrom, Jason	Brown Trout	195	no estimate, counts only	Total number captured or presence only	108	496	360	mm	Electrofishing	Good quality	FWP
4/13/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	-	-	340	mm	Electrofishing	Good quality	FWP
4/13/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	340	340	340	mm	Boat shocking with boom	Good quality	FIS

**Section:** Below Sager Lane  
**River Miles:** 318.3 to 321.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/27/2010	Lindstrom, Jason	Brown Trout	111	no estimate, counts only	Total number captured or presence only	101	513	284.8	mm	Electrofishing	Good quality	FWP
4/27/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	645	mm	Electrofishing	Good quality	FWP
4/27/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Electrofishing	Good quality	FWP
4/26/2010	Lindstrom, Jason	Brook Trout	2	no estimate, counts only	Total number captured or presence only	125	278	201.5	mm	Electrofishing	Good quality	FWP

					only							
4/26/2010	Lindstrom, Jason	Brown Trout	157	no estimate, counts only	Total number captured or presence only	93	518	286	mm	Electrofishing	Good quality	FWP
4/20/2010	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	-	-	293	mm	Electrofishing	Good quality	FWP
4/20/2010	Lindstrom, Jason	Brown Trout	56	no estimate, counts only	Total number captured or presence only	100	474	300.9	mm	Electrofishing	Good quality	FWP
4/19/2010	Lindstrom, Jason	Brown Trout	95	no estimate, counts only	Total number captured or presence only	99	525	337.1	mm	Electrofishing	Good quality	FWP

**Section:** Huey Long's to Sager Lane Bridge  
**River Miles:** 323.6 to 325.4

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/9/2009	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	170	170	170	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Lindstrom, Jason	Brown Trout	116	no estimate, counts only	Total number captured or presence only	85	533	338.1	mm	Boat shocking with boom	Good quality	FIS
4/3/2009	Lindstrom, Jason	Brown Trout	196	no estimate, counts only	Total number captured or presence only	96	520	376.5	mm	Boat shocking with boom	Good quality	FIS
4/3/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	301	301	301	mm	Boat shocking with boom	Good quality	FIS
4/3/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	415	415	415	mm	Boat shocking with boom	Good quality	FIS

only												
Section: Huey Long's to Sager Lane Bridge												
River Miles: 323.6 to 325.4												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/9/2009	Lindstrom, Jason	Brook Trout	1	no estimate, counts only	Total number captured or presence only	-	-	170	mm	Electrofishing	Good quality	FWP
4/9/2009	Lindstrom, Jason	Brown Trout	116	no estimate, counts only	Total number captured or presence only	85	533	338.1	mm	Electrofishing	Good quality	FWP
4/3/2009	Lindstrom, Jason	Brown Trout	61	no estimate, counts only	Total number captured or presence only	116	520	386.7	mm	Electrofishing	Good quality	FWP
4/3/2009	Lindstrom, Jason	Brown Trout	135	no estimate, counts only	Total number captured or presence only	96	510	371.9	mm	Electrofishing	Good quality	FWP
4/3/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	301	mm	Electrofishing	Good quality	FWP
4/3/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	-	-	415	mm	Electrofishing	Good quality	FWP
Section: Racetrack Bridge to Huey Long's												
River Miles: 326 to 327.7												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/9/2009	Lindstrom, Jason	Brown Trout	116	no estimate, counts only	Total number captured or presence only	101	510	356.6	mm	Boat shocking with boom	Good quality	FIS
4/9/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	675	675	675	mm	Boat shocking with boom	Good quality	FIS

					only							
4/3/2009	Lindstrom, Jason	Brown Trout	159	no estimate, counts only	Total number captured or presence only	86	578	394	mm	Boat shocking with boom	Good quality	FIS
4/3/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	635	635	635	mm	Boat shocking with boom	Good quality	FIS

**Section:** Racetrack Bridge to Huey Long's  
**River Miles:** 326 to 327.7

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/9/2009	Lindstrom, Jason	Brown Trout	116	no estimate, counts only	Total number captured or presence only	101	510	356.6	mm	Electrofishing	Good quality	FWP
4/9/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	675	mm	Electrofishing	Good quality	FWP
4/3/2009	Lindstrom, Jason	Brown Trout	159	no estimate, counts only	Total number captured or presence only	86	578	394	mm	Electrofishing	Good quality	FWP
4/3/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	635	mm	Electrofishing	Good quality	FWP

**Section:** Galen Bridge to Racetrack Bridge  
**River Miles:** 328.8 to 331.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/8/2009	Lindstrom, Jason	Brown Trout	120	no estimate, counts only	Total number captured or presence only	97	635	355.5	mm	Electrofishing	Good quality	FWP
4/8/2009	Lindstrom, Jason	Brown Trout	120	no estimate, counts only	Total number captured or presence only	97	635	355.5	mm	Boat shocking with boom	Good quality	FIS

					only							
4/8/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	345	345	345	mm	Boat shocking with boom	Good quality	FIS
4/8/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	345	mm	Electrofishing	Good quality	FWP
4/8/2009	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	217	mm	Electrofishing	Good quality	FWP
4/8/2009	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	217	217	217	mm	Boat shocking with boom	Good quality	FIS
4/2/2009	Lindstrom, Jason	Brown Trout	139	no estimate, counts only	Total number captured or presence only	98	634	378.6	mm	Boat shocking with boom	Good quality	FIS
4/2/2009	Lindstrom, Jason	Brown Trout	139	no estimate, counts only	Total number captured or presence only	98	634	378.6	mm	Electrofishing	Good quality	FWP

**Section: GALEN**  
**River Miles: 329.5 to 329.6**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/1/2001	Hadley, Wayne	Brown Trout	279	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1999	Hadley, Wayne	Brown Trout	239	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1987	Hadley, Wayne	Brown Trout	411	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP

**Section: Perkins Lane to Galen Bridge**  
**River Miles: 332.9 to 336.1**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/7/2009	Lindstrom,	Brown Trout	111	no	Total	100	486	351	mm	Boat	Good	FIS

	Jason			estimate, counts only	number captured or presence only						shocking with boom	quality	
4/7/2009	Lindstrom, Jason	Brown Trout	111	no estimate, counts only	Total number captured or presence only	100	486	351	mm	Electrofishing	Good quality	FWP	
4/7/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	404	mm	Electrofishing	Good quality	FWP	
4/7/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	404	404	404	mm	Boat shocking with boom	Good quality	FIS	
4/1/2009	Lindstrom, Jason	Brown Trout	151	no estimate, counts only	Total number captured or presence only	100	595	375.4	mm	Boat shocking with boom	Good quality	FIS	
4/1/2009	Lindstrom, Jason	Brown Trout	151	no estimate, counts only	Total number captured or presence only	100	595	375.4	mm	Electrofishing	Good quality	FWP	
4/1/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	608	mm	Electrofishing	Good quality	FWP	
4/1/2009	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	608	608	608	mm	Boat shocking with boom	Good quality	FIS	

**Section:** Bottom of pH Shack to Perkins Lane  
**River Miles:** 337.3 to 337.8

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/12/2012	Lindstrom, Jason	Brown Trout	47	no estimate, counts only	Total number captured or presence only	133	433	248	mm	Boat shocking with boom	Good quality	FIS
4/12/2012	Lindstrom,	Rainbow	1	no	Total	430	430	430	mm	Boat	Good	FIS

	Jason	Trout		estimate, counts only	number captured or presence only					shocking with boom	quality	
4/11/2012	Lindstrom, Jason	Brown Trout	21	no estimate, counts only	Total number captured or presence only	113	393	257.2	mm	Boat shocking with boom	Good quality	FIS
4/5/2012	Lindstrom, Jason	Brown Trout	36	no estimate, counts only	Total number captured or presence only	155	502	277.5	mm	Boat shocking with boom	Good quality	FIS
4/4/2012	Lindstrom, Jason	Brown Trout	64	no estimate, counts only	Total number captured or presence only	117	452	293.9	mm	Boat shocking with boom	Good quality	FIS
4/4/2012	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	235	235	235	mm	Boat shocking with boom	Good quality	FIS
4/26/2011	Lindstrom, Jason	Brown Trout	44	no estimate, counts only	Total number captured or presence only	116	422	287.3	mm	Boat shocking with boom	Good quality	FIS
4/25/2011	Lindstrom, Jason	Brown Trout	18	no estimate, counts only	Total number captured or presence only	105	384	254.9	mm	Boat shocking with boom	Good quality	FIS
4/25/2011	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	492	492	492	mm	Boat shocking with boom	Good quality	FIS
4/25/2011	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	342	342	342	mm	Boat shocking with boom	Good quality	FIS
4/19/2011	Lindstrom, Jason	Brown Trout	38	no estimate, counts only	Total number captured or presence only	98	446	313	mm	Boat shocking with boom	Good quality	FIS
4/19/2011	Lindstrom,	Rainbow	1	no	Total	470	470	470	mm	Boat	Good	FIS



	Jason	Trout		estimate, counts only	number captured or presence only					shocking with boom	quality	
4/18/2011	Lindstrom, Jason	Brown Trout	35	no estimate, counts only	Total number captured or presence only	131	463	309.5	mm	Boat shocking with boom	Good quality	FIS
4/29/2010	Lindstrom, Jason	Brown Trout	46	no estimate, counts only	Total number captured or presence only	110	466	269.3	mm	Boat shocking with boom	Good quality	FIS
4/28/2010	Lindstrom, Jason	Brown Trout	51	no estimate, counts only	Total number captured or presence only	102	437	231	mm	Boat shocking with boom	Good quality	FIS
4/28/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	575	575	575	mm	Boat shocking with boom	Good quality	FIS
4/22/2010	Lindstrom, Jason	Brown Trout	51	no estimate, counts only	Total number captured or presence only	85	434	201.9	mm	Boat shocking with boom	Good quality	FIS
4/22/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	503	503	503	mm	Boat shocking with boom	Good quality	FIS
4/21/2010	Lindstrom, Jason	Brown Trout	46	no estimate, counts only	Total number captured or presence only	103	474	261.7	mm	Boat shocking with boom	Good quality	FIS
4/21/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	630	630	630	mm	Boat shocking with boom	Good quality	FIS
4/6/2009	Lindstrom, Jason	Brown Trout	32	no estimate, counts only	Total number captured or presence only	91	452	362	mm	Boat shocking with boom	Good quality	FIS
4/6/2009	Lindstrom,	Brown Trout	32	no	Total	91	452	362	mm	Electrofishing	Good	FWP

	Jason			estimate, counts only	number captured or presence only						quality	
4/6/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	-	-	345	mm	Electrofishing	Good quality	FWP
4/6/2009	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	345	345	345	mm	Boat shocking with boom	Good quality	FIS
3/31/2009	Lindstrom, Jason	Brown Trout	20	no estimate, counts only	Total number captured or presence only	305	490	392.3	mm	Boat shocking with boom	Good quality	FIS
3/31/2009	Lindstrom, Jason	Brown Trout	20	no estimate, counts only	Total number captured or presence only	305	490	392.3	mm	Electrofishing	Good quality	FWP

**Section: PH SHACK**  
**River Miles: 338.1 to 339.2**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/12/2012	Lindstrom, Jason	Brown Trout	74	no estimate, counts only	Total number captured or presence only	148	473	290.3	mm	Boat shocking with boom	Good quality	FIS
4/12/2012	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	540	540	540	mm	Boat shocking with boom	Good quality	FIS
4/12/2012	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	322	322	322	mm	Boat shocking with boom	Good quality	FIS
4/11/2012	Lindstrom, Jason	Brown Trout	88	no estimate, counts only	Total number captured or presence only	118	446	295.3	mm	Boat shocking with boom	Good quality	FIS
4/5/2012	Lindstrom,	Brown Trout	104	no	Total	172	425	297	mm	Boat	Good	FIS

	Jason			estimate, counts only	number captured or presence only						shocking with boom	quality	
4/5/2012	Lindstrom, Jason	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	256	478	337.3	mm	Boat shocking with boom	Good quality	FIS	
4/5/2012	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	323	323	323	mm	Boat shocking with boom	Good quality	FIS	
4/4/2012	Lindstrom, Jason	Brown Trout	164	no estimate, counts only	Total number captured or presence only	105	438	294.9	mm	Boat shocking with boom	Good quality	FIS	
4/4/2012	Lindstrom, Jason	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	310	387	348.5	mm	Boat shocking with boom	Good quality	FIS	
4/4/2012	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	292	319	305.5	mm	Boat shocking with boom	Good quality	FIS	
4/26/2011	Lindstrom, Jason	Brown Trout	41	no estimate, counts only	Total number captured or presence only	128	482	303.2	mm	Boat shocking with boom	Good quality	FIS	
4/26/2011	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	590	590	590	mm	Boat shocking with boom	Good quality	FIS	
4/25/2011	Lindstrom, Jason	Brown Trout	40	no estimate, counts only	Total number captured or presence only	221	495	335.2	mm	Boat shocking with boom	Good quality	FIS	
4/19/2011	Lindstrom, Jason	Brown Trout	93	no estimate, counts only	Total number captured or presence only	95	498	317.8	mm	Boat shocking with boom	Good quality	FIS	
4/19/2011	Lindstrom,	Westslope	1	no	Total	333	333	333	mm	Boat	Good	FIS	

	Jason	Cutthroat Trout		estimate, counts only	number captured or presence only					shocking with boom	quality	
4/19/2011	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	423	423	423	mm	Boat shocking with boom	Good quality	FIS
4/18/2011	Lindstrom, Jason	Brown Trout	101	no estimate, counts only	Total number captured or presence only	89	495	302.7	mm	Boat shocking with boom	Good quality	FIS
4/18/2011	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	472	472	472	mm	Boat shocking with boom	Good quality	FIS
4/18/2011	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	292	424	358	mm	Boat shocking with boom	Good quality	FIS
4/29/2010	Lindstrom, Jason	Brown Trout	66	no estimate, counts only	Total number captured or presence only	193	457	329.1	mm	Boat shocking with boom	Good quality	FIS
4/29/2010	Lindstrom, Jason	Brown Trout	69	no estimate, counts only	Total number captured or presence only	193	615	334.5	mm	Electrofishing	Good quality	FWP
4/29/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	515	mm	Electrofishing	Good quality	FWP
4/29/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	337	mm	Electrofishing	Good quality	FWP
4/29/2010	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	337	337	337	mm	Boat shocking with boom	Good quality	FIS
4/28/2010	Lindstrom,	Brown Trout	67	no	Total	112	615	301.2	mm	Boat	Good	FIS

	Jason			estimate, counts only	number captured or presence only						shocking with boom	quality	
4/28/2010	Lindstrom, Jason	Brown Trout	67	no estimate, counts only	Total number captured or presence only	112	615	301.2	mm	Electrofishing	Good quality	FWP	
4/28/2010	Lindstrom, Jason	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	312	512	423.7	mm	Electrofishing	Good quality	FWP	
4/28/2010	Lindstrom, Jason	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	312	512	423.7	mm	Boat shocking with boom	Good quality	FIS	
4/28/2010	Lindstrom, Jason	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	252	276	260.3	mm	Boat shocking with boom	Good quality	FIS	
4/28/2010	Lindstrom, Jason	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	252	276	260.3	mm	Electrofishing	Good quality	FWP	
4/28/2010	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	-	-	392	mm	Electrofishing	Good quality	FWP	
4/28/2010	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	392	392	392	mm	Boat shocking with boom	Good quality	FIS	
4/22/2010	Lindstrom, Jason	Brown Trout	47	no estimate, counts only	Total number captured or presence only	131	436	281.3	mm	Boat shocking with boom	Good quality	FIS	
4/22/2010	Lindstrom, Jason	Brown Trout	47	no estimate, counts only	Total number captured or presence only	131	436	281.3	mm	Electrofishing	Good quality	FWP	
4/21/2010	Lindstrom,	Brown Trout	71	no	Total	111	479	298.1	mm	Electrofishing	Good	FWP	

	Jason			estimate, counts only	number captured or presence only						quality	
4/21/2010	Lindstrom, Jason	Brown Trout	71	no estimate, counts only	Total number captured or presence only	111	479	298.1	mm	Boat shocking with boom	Good quality	FIS
4/21/2010	Lindstrom, Jason	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	562	565	563.5	mm	Boat shocking with boom	Good quality	FIS
4/21/2010	Lindstrom, Jason	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	562	565	563.5	mm	Electrofishing	Good quality	FWP
4/21/2010	Lindstrom, Jason	Westslope X Rainbow	2	no estimate, counts only	Total number captured or presence only	338	342	340	mm	Electrofishing	Good quality	FWP
4/21/2010	Lindstrom, Jason	Westslope X Rainbow	1	no estimate, counts only	Total number captured or presence only	338	338	338	mm	Boat shocking with boom	Good quality	FIS
4/6/2009	Lindstrom, Jason	Brown Trout	60	no estimate, counts only	Total number captured or presence only	239	446	350	mm	Boat shocking with boom	Good quality	FIS
4/6/2009	Lindstrom, Jason	Brown Trout	60	no estimate, counts only	Total number captured or presence only	239	446	350	mm	Electrofishing	Good quality	FWP
4/6/2009	Lindstrom, Jason	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	302	318	309.3	mm	Electrofishing	Good quality	FWP
4/6/2009	Lindstrom, Jason	Rainbow Trout	3	no estimate, counts only	Total number captured or presence only	302	318	309.3	mm	Boat shocking with boom	Good quality	FIS
4/6/2009	Lindstrom,	Westslope	1	no	Total	383	383	383	mm	Boat	Good	FIS

	Jason	Cutthroat Trout		estimate, counts only	number captured or presence only						shocking with boom	quality	
4/6/2009	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	383	mm	Electrofishing	Good quality	FWP	
3/31/2009	Lindstrom, Jason	Brown Trout	69	no estimate, counts only	Total number captured or presence only	96	500	366.2	mm	Electrofishing	Good quality	FWP	
3/31/2009	Lindstrom, Jason	Brown Trout	69	no estimate, counts only	Total number captured or presence only	96	500	366.2	mm	Boat shocking with boom	Good quality	FIS	
3/31/2009	Lindstrom, Jason	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	321	560	440.5	mm	Boat shocking with boom	Good quality	FIS	
3/31/2009	Lindstrom, Jason	Rainbow Trout	2	no estimate, counts only	Total number captured or presence only	321	560	440.5	mm	Electrofishing	Good quality	FWP	
4/16/2008	Lindstrom, Jason	Brown Trout	190	no estimate, counts only	Total number captured or presence only	88	458	316.9	mm	Electrofishing	Medium quality	FWP	
4/16/2008	Lindstrom, Jason	Brown Trout	148	no estimate, counts only	Total number captured or presence only	88	458	315.5	mm	Boat shocking with boom	Good quality	FIS	
4/16/2008	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	354	354	354	mm	Boat shocking with boom	Good quality	FIS	
4/16/2008	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	354	mm	Electrofishing	Medium quality	FWP	
4/15/2008	Lindstrom,	Brown Trout	209	no	Total	121	455	311.4	mm	Electrofishing	Medium	FWP	

	Jason			estimate, counts only	number captured or presence only						quality	
4/15/2008	Lindstrom, Jason	Brown Trout	208	no estimate, counts only	Total number captured or presence only	121	455	311.1	mm	Boat shocking with boom	Good quality	FIS
4/15/2008	Lindstrom, Jason	Rainbow Trout	5	no estimate, counts only	Total number captured or presence only	296	502	388.4	mm	Boat shocking with boom	Good quality	FIS
4/15/2008	Lindstrom, Jason	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	296	502	393.8	mm	Electrofishing	Medium quality	FWP
4/9/2008	Lindstrom, Jason	Brown Trout	155	no estimate, counts only	Total number captured or presence only	135	441	319.3	mm	Electrofishing	Medium quality	FWP
4/9/2008	Lindstrom, Jason	Brown Trout	155	no estimate, counts only	Total number captured or presence only	135	441	319.3	mm	Boat shocking with boom	Good quality	FIS
4/9/2008	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	364	364	364	mm	Boat shocking with boom	Good quality	FIS
4/9/2008	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	364	mm	Electrofishing	Medium quality	FWP
4/9/2008	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	360	381	370.5	mm	Electrofishing	Medium quality	FWP
4/9/2008	Lindstrom, Jason	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	360	381	370.5	mm	Boat shocking with boom	Good quality	FIS
4/8/2008	Lindstrom,	Brown Trout	148	no	Total	220	461	336.9	mm	Boat	Good	FIS



	Jason			estimate, counts only	number captured or presence only					shocking with boom	quality	
4/8/2008	Lindstrom, Jason	Brown Trout	148	no estimate, counts only	Total number captured or presence only	220	461	336.9	mm	Electrofishing	Medium quality	FWP
4/8/2008	Lindstrom, Jason	Largescale Sucker	1	no estimate, presence only	Total number captured or presence only	-	-	-	N/A	Electrofishing	Medium quality	FWP
4/8/2008	Lindstrom, Jason	Mountain Whitefish	1	no estimate, presence only	Total number captured or presence only	-	-	-	N/A	Electrofishing	Medium quality	FWP
4/8/2008	Lindstrom, Jason	Sculpin	1	no estimate, presence only	Total number captured or presence only	-	-	-	N/A	Electrofishing	Medium quality	FWP
4/8/2008	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	-	-	355	mm	Electrofishing	Medium quality	FWP
4/8/2008	Lindstrom, Jason	Westslope Cutthroat Trout	1	no estimate, counts only	Total number captured or presence only	355	355	355	mm	Boat shocking with boom	Good quality	FIS
9/5/2006	Eby, Lisa	Longnose Dace	27	no estimate, counts only	Total number captured or presence only	40	100	60	mm	Seine	Medium quality	FWP
9/5/2006	Eby, Lisa	Mountain Whitefish	2	no estimate, counts only	Total number captured or presence only	91	108	99	mm	Seine	Medium quality	FWP
9/5/2006	Eby, Lisa	Northern Pike Minnow	6	no estimate, counts only	Total number captured or presence only	46	161	128	mm	Seine	Medium quality	FWP
9/5/2006	Eby, Lisa	Redside	68	no	Total	28	101	62	mm	Seine	Medium	FWP

		Shiner		estimate, counts only	number captured or presence only						quality	
9/5/2006	Eby, Lisa	Sculpin	3	no estimate, counts only	Total number captured or presence only	58	91	69	mm	Seine	Medium quality	FWP
9/5/2006	Eby, Lisa	Trout	5	no estimate, counts only	Total number captured or presence only	59	73	66	mm	Seine	Medium quality	FWP
4/1/2002	Hadley, Wayne	Brown Trout	810	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/2000	Hadley, Wayne	Brown Trout	1,243	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1998	Hadley, Wayne	Brown Trout	804	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1996	Hadley, Wayne	Brown Trout	1,164	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1994	Hadley, Wayne	Brown Trout	1,936	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1992	Hadley, Wayne	Brown Trout	1,672	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1991	Hadley, Wayne	Brown Trout	1,274	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1990	Hadley, Wayne	Brown Trout	1,482	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1989	Hadley, Wayne	Brown Trout	1,218	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1988	Hadley, Wayne	Brown Trout	2,488	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1987	Hadley, Wayne	Brown Trout	2,438	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1986	Hadley, Wayne	Brown Trout	2,434	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1985	Hadley, Wayne	Brown Trout	2,615	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
4/1/1984	Hadley, Wayne	Brown Trout	2,605	per mile	Peterson mark-	-	-	-	N/A	Boat shocking with	Medium quality	FWP

					recapture					boom		
4/1/1982	N/A	Brown Trout	1,463	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/1/1981	N/A	Brown Trout	1,728	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/1/1980	N/A	Brown Trout	1,890	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/1/1979	N/A	Brown Trout	2,037	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/1/1978	N/A	Brown Trout	2,404	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/1/1977	N/A	Brown Trout	938	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/1/1974	N/A	Brown Trout	1,046	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN
4/1/1973	N/A	Brown Trout	1,016	per mile	Peterson mark-recapture	-	-	-	N/A	Boat shocking with boom	Medium quality	UN

**Section:** pH to Perkins Lane  
**River Miles:** 338.2 to 339

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
4/29/2010	Lindstrom, Jason	Brown Trout	47	no estimate, counts only	Total number captured or presence only	110	466	271.9	mm	Electrofishing	Good quality	FWP
4/28/2010	Lindstrom, Jason	Brown Trout	51	no estimate, counts only	Total number captured or presence only	102	437	231	mm	Electrofishing	Good quality	FWP
4/28/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	575	mm	Electrofishing	Good quality	FWP
4/22/2010	Lindstrom, Jason	Brown Trout	51	no estimate, counts only	Total number captured or presence only	85	434	201.9	mm	Electrofishing	Good quality	FWP
4/22/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts	Total number captured	-	-	503	mm	Electrofishing	Good quality	FWP

				only	or presence only							
4/21/2010	Lindstrom, Jason	Brown Trout	46	no estimate, counts only	Total number captured or presence only	103	474	261.7	mm	Electrofishing	Good quality	FWP
4/21/2010	Lindstrom, Jason	Rainbow Trout	1	no estimate, counts only	Total number captured or presence only	-	-	630	mm	Electrofishing	Good quality	FWP

**Genetic Samples**

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<b>Date:</b> 6/15/2003			
<b>Sample #:</b> 2869			
<b>Collector:</b> Katzman, Laura		<b>Target Species:</b> Westslope Cutthroat Trout	
<b>River Miles:</b> 64.7 to 64.8		<b># of Fish:</b> 9	
<b>Analysis Type:</b> PINES		<b>Comments:</b> Need location and date	
<b>Analyzer:</b> Spruell, Paul			
Species Name	Percent	Count	Hybrid
Westslope Cutthroat Trout	-	8	-
Westslope X Rainbow	-	1	-
<b>Date:</b> 6/15/2002			
<b>Sample #:</b> 2868			
<b>Collector:</b> Katzman, Laura		<b>Target Species:</b> Westslope Cutthroat Trout	
<b>River Miles:</b> 64.7 to 64.8		<b># of Fish:</b> 4	
<b>Analysis Type:</b> PINES		<b>Comments:</b> Need location and date	
<b>Analyzer:</b> Spruell, Paul			
Species Name	Percent	Count	Hybrid
Westslope X Rainbow	-	3	-
Westslope Cutthroat Trout	-	1	-
<b>Date:</b> 4/10/2002			
<b>Sample #:</b> 2955			
<b>Collector:</b> Katzman, Laura		<b>Target Species:</b> Westslope Cutthroat Trout	
<b>River Miles:</b> 9.4 to 9.5		<b># of Fish:</b> 29	
<b>Analysis Type:</b> PINES		<b>Comments:</b> PINE fragments characteristic of both westslope cutthroat trout and rainbow trout were detected in the sample. The fishes in the sample contained four of the six rainbow markers analyzed. The distribution of these markers within the population did not follow random mating expectations thus the population is likely a mixture of individuals of hybrid origin and non-hybridized westslope cutthroat trout. That said there were two individuals in the population with three rainbow trout markers and were likely of hybrid origin(#17,#19). There was also one individual with only a single rainbow trout marker of those analyzed which is possibly of hybrid origin as well(#6). Lastly, this population was problematic for me to analyze as the quality of the DNA was very poor and thus the PCR amplifications did not work very well. I was only able to get all the markers for 11 of the 29 fish in the population. There is a variety of possible causes for this problem, at this point it is not productive to continue attempting to make the samples work since I have already explored all the possible solutions.	
<b>Analyzer:</b> Wright, Ben			

Species Name	Percent	Count	Hybrid
Westslope Cutthroat Trout	96	-	-
Rainbow Trout	4	-	-

**Date:** 6/15/2001  
**Sample #:** 2867

**Collector:** Katzman, Laura  
**River Miles:** 64.7 to 64.8  
**Analysis Type:** PINES  
**Analyzer:** Spruell, Paul  
**Target Species:** Westslope Cutthroat Trout  
**# of Fish:** 10  
**Comments:** Need location and date

Species Name	Percent	Count	Hybrid
Westslope Cutthroat Trout	100	-	-

**Date:** 6/15/2000  
**Sample #:** 2866

**Collector:** Katzman, Laura  
**River Miles:** 64.7 to 64.8  
**Analysis Type:** PINES  
**Analyzer:** Spruell, Paul  
**Target Species:** Westslope Cutthroat Trout  
**# of Fish:** 5  
**Comments:** Need location and date

Species Name	Percent	Count	Hybrid
Westslope Cutthroat Trout	-	3	-
Westslope X Rainbow	-	2	-

**Date:** 7/14/1993  
**Sample #:** 763

**Collector:** Huston, Joe  
**River Miles:** 28.1 to 28.2  
**Analysis Type:** Allozymes  
**Analyzer:** Leary, Robb  
**Target Species:** Westslope Cutthroat Trout  
**# of Fish:** 1  
**Comments:**

Species Name	Percent	Count	Hybrid
Westslope Cutthroat Trout	70	-	-
Rainbow Trout	30	-	-

**Fish Stocking**

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Westslope Cutthroat Trout				
Date	Location TRS	Number of Fish	Avg. Length(in.)	Hatchery
9/27/2007	00000000	400	2.55	WASHOE PARK TROUT HATCHERY

**Habitat Measurements**

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**Section:** Paradise to Plains  
**River Miles:** 94.6 to 100.9

Date	Time	Collector	Parameter	Value	Unit
10/19/2010		Hanson, Jon	Water Temp	9.4	Deg C

**Section:** QUINNS  
**River Miles:** 102.9 to 108.6

Date	Time	Collector	Parameter	Value	Unit
11/11/2011		Schmetterling, David	Total Kjeldahl Nitrogen	3	mg/L
11/11/2011		Schmetterling, David	Total Suspended Solids	6	mg/L
10/3/2011		Schmetterling, David	Conductivity	273	u
10/3/2011		Schmetterling, David	Discharge	88.58	CMS
10/3/2011		Schmetterling, David	Discharge	14.15	CMS

10/3/2011		Schmetterling, David	Water Temp	12.9	Deg C
10/3/2011		Schmetterling, David	Width	3.05	m
10/13/2010		Schmetterling, David	Conductivity	278	u
10/13/2010		Schmetterling, David	Discharge	86.32	CMS
10/13/2010		Schmetterling, David	Turbidity	1.2	m
10/13/2010		Schmetterling, David	Water Temp	11	Deg C
<b>Section: ST REGIS</b>					
<b>River Miles: 126.8 to 131.3</b>					
Date	Time	Collector	Parameter	Value	Unit
10/13/2011		Schmetterling, David	Conductivity	277	u
10/13/2011		Schmetterling, David	Discharge	112.63	CMS
10/13/2011		Schmetterling, David	Water Temp	10.5	Deg C
10/12/2011		Schmetterling, David	Conductivity	277	u
10/12/2011		Schmetterling, David	Discharge	110.65	CMS
10/12/2011		Schmetterling, David	Water Temp	10.4	Deg C
10/6/2011		Schmetterling, David	Conductivity	281	u
10/6/2011		Schmetterling, David	Discharge	99.62	CMS
10/6/2011		Schmetterling, David	Water Temp	12.1	Deg C
10/5/2011		Schmetterling, David	Conductivity	277	u
10/5/2011		Schmetterling, David	Discharge	93.11	CMS
10/5/2011		Schmetterling, David	Water Temp	13.1	Deg C
<b>Section: SUPERIOR</b>					
<b>River Miles: 140 to 144.3</b>					
Date	Time	Collector	Parameter	Value	Unit
10/11/2011		Schmetterling, David	Conductivity	271	u
10/11/2011		Schmetterling, David	Discharge	107.54	CMS
10/11/2011		Schmetterling, David	Water Temp	10.5	Deg C
9/29/2011		Schmetterling, David	Conductivity	266	u
9/29/2011		Schmetterling, David	Discharge	85.75	CMS
9/29/2011		Schmetterling, David	Water Temp	14.9	Deg C
9/28/2011		Schmetterling, David	Conductivity	279	u
9/28/2011		Schmetterling, David	Discharge	87.16	CMS
9/28/2011		Schmetterling, David	Water Temp	15.6	Deg C
10/12/2010		Schmetterling, David	Discharge	84.33	CMS
10/12/2010		Schmetterling, David	Water Temp	12	Deg C
10/5/2010		Schmetterling, David	Discharge	78.67	CMS
10/4/2010		Schmetterling, David	Conductivity	282	u
10/4/2010		Schmetterling, David	Discharge	78.39	CMS
10/4/2010		Schmetterling, David	Water Temp	14.8	Deg C
10/6/2008		Knotek, Ladd	Water Temp	11.7	Deg C
10/1/2008		Knotek, Ladd	Water Temp	13	Deg C
9/29/2008		Knotek, Ladd	Discharge	93.11	CMS
9/29/2008		Knotek, Ladd	Water Temp	12.2	Deg C
10/21/2005		Knotek, Ladd	Discharge	73.58	CMS
10/21/2005		Knotek, Ladd	Water Temp	10.1	Deg C
10/16/2005		Knotek, Ladd	Discharge	76.41	CMS

Section: HUSON					
River Miles: 182.1 to 186.1					
Date	Time	Collector	Parameter	Value	Unit
7/15/2011		Schmetterling, David	Conductivity	135	u
7/15/2011		Schmetterling, David	Discharge	523.55	CMS
7/15/2011		Schmetterling, David	Turbidity	0.5	m
7/15/2011		Schmetterling, David	Water Temp	14.7	Deg C
7/14/2011		Schmetterling, David	Conductivity	139	u
7/14/2011		Schmetterling, David	Discharge	509.4	CMS
7/14/2011		Schmetterling, David	Turbidity	0.67	m
7/14/2011		Schmetterling, David	Water Temp	15	Deg C
7/14/2011		Schmetterling, David	Width	145.4	m
7/14/2011		Schmetterling, David	Width	153.6	m
7/8/2011		Schmetterling, David	Conductivity	128	u
7/8/2011		Schmetterling, David	Discharge	673.54	CMS
7/8/2011		Schmetterling, David	Turbidity	0.42	m
7/8/2011		Schmetterling, David	Water Temp	14.7	Deg C
7/7/2011		Schmetterling, David	Conductivity	125	u
7/7/2011		Schmetterling, David	Discharge	699.01	CMS
7/7/2011		Schmetterling, David	Turbidity	0.46	m
7/7/2011		Schmetterling, David	Water Temp	15.5	Deg C
7/7/2011		Schmetterling, David	Width	157.3	m
7/7/2011		Schmetterling, David	Width	186.5	m
7/7/2011		Schmetterling, David	Width	192	m
6/17/2010		Schmetterling, David	Conductivity	125.2	u
6/17/2010		Schmetterling, David	Discharge	503.74	CMS
6/17/2010		Schmetterling, David	Turbidity	16.2	NTU
6/17/2010		Schmetterling, David	Turbidity	0.52	m
6/17/2010		Schmetterling, David	Turbidity	0.46	m
6/17/2010		Schmetterling, David	Water Temp	11.3	Deg C
6/11/2010		Schmetterling, David	Conductivity	120	u
6/11/2010		Schmetterling, David	Discharge	532.04	CMS
6/11/2010		Schmetterling, David	Turbidity	14.7	NTU
6/11/2010		Schmetterling, David	Turbidity	0.44	m
6/11/2010		Schmetterling, David	Turbidity	0.55	m
6/11/2010		Schmetterling, David	Water Temp	10.5	Deg C
6/10/2010		Schmetterling, David	Conductivity	116	u
6/10/2010		Schmetterling, David	Discharge	554.68	CMS
6/10/2010		Schmetterling, David	Turbidity	55	NTU
6/10/2010		Schmetterling, David	Turbidity	0.47	m
6/10/2010		Schmetterling, David	Turbidity	0.41	m
6/10/2010		Schmetterling, David	Water Temp	11	Deg C
6/30/2009		Schmetterling, David	Discharge	277.91	CMS
6/29/2009		Schmetterling, David	Discharge	288.66	CMS
7/10/2008		Schmetterling, David	Discharge	280.17	CMS
7/8/2008		Schmetterling, David	Discharge	339.6	CMS
7/2/2008		Schmetterling, David	Discharge	529.21	CMS

		Schmetterling, David	Discharge	356.58	CMS
6/26/2006		Schmetterling, David	Discharge	182.54	CMS
6/21/2006		Schmetterling, David	Discharge	285.83	CMS
6/20/2006		Schmetterling, David	Discharge	302.81	CMS
<b>Section: MILLTOWN</b>					
<b>River Miles: 217.8 to 221.4</b>					
Date	Time	Collector	Parameter	Value	Unit
7/25/2011		Schmetterling, David	Conductivity	242	u
7/25/2011		Schmetterling, David	Conductivity	242	u
7/25/2011		Schmetterling, David	Discharge	159.9	CMS
7/25/2011		Schmetterling, David	Discharge	159.9	CMS
7/25/2011		Schmetterling, David	Turbidity	1.2	m
7/25/2011		Schmetterling, David	Turbidity	1.2	m
7/25/2011		Schmetterling, David	Water Temp	16	Deg C
7/25/2011		Schmetterling, David	Water Temp	16	Deg C
7/20/2011		Schmetterling, David	Conductivity	252	u
7/20/2011		Schmetterling, David	Conductivity	252	u
7/20/2011		Schmetterling, David	Discharge	212.82	CMS
7/20/2011		Schmetterling, David	Discharge	212.82	CMS
7/20/2011		Schmetterling, David	Turbidity	1.02	m
7/20/2011		Schmetterling, David	Turbidity	1.02	m
7/20/2011		Schmetterling, David	Water Temp	15.7	Deg C
7/20/2011		Schmetterling, David	Water Temp	15.7	Deg C
7/19/2011		Schmetterling, David	Conductivity	250	u
7/19/2011		Schmetterling, David	Conductivity	250	u
7/19/2011		Schmetterling, David	Discharge	247.91	CMS
7/19/2011		Schmetterling, David	Discharge	247.91	CMS
7/19/2011		Schmetterling, David	Turbidity	0.76	m
7/19/2011		Schmetterling, David	Turbidity	0.76	m
7/19/2011		Schmetterling, David	Water Temp	16.8	Deg C
7/19/2011		Schmetterling, David	Water Temp	16.8	Deg C
7/19/2011		Schmetterling, David	Width	43	m
7/19/2011		Schmetterling, David	Width	55.8	m
7/19/2011		Schmetterling, David	Width	69.5	m
7/19/2011		Schmetterling, David	Width	85	m
7/19/2011		Schmetterling, David	Width	112.5	m
7/19/2011		Schmetterling, David	Width	43	m
7/19/2011		Schmetterling, David	Width	55.8	m
7/19/2011		Schmetterling, David	Width	69.5	m
7/19/2011		Schmetterling, David	Width	85	m
7/19/2011		Schmetterling, David	Width	112.5	m
4/29/2011		Schmetterling, David	Discharge	125.65	CMS
4/29/2011		Schmetterling, David	Discharge	125.65	CMS
4/29/2011		Schmetterling, David	Water Temp	5.5	Deg C
4/29/2011		Schmetterling, David	Water Temp	5.5	Deg C
4/28/2011		Schmetterling, David	Discharge	123.95	CMS
4/28/2011		Schmetterling, David	Discharge	123.95	CMS



		Schmetterling, David	Water Temp	7.3	Deg C
4/28/2011		Schmetterling, David	Water Temp	7.3	Deg C
7/2/2010		Schmetterling, David	Conductivity	220	u
7/2/2010		Schmetterling, David	Conductivity	220	u
7/2/2010		Schmetterling, David	Discharge	168.1	CMS
7/2/2010		Schmetterling, David	Discharge	168.1	CMS
7/2/2010		Schmetterling, David	Turbidity	7.89	NTU
7/2/2010		Schmetterling, David	Turbidity	0.81	m
7/2/2010		Schmetterling, David	Turbidity	0.83	m
7/2/2010		Schmetterling, David	Turbidity	0.81	m
7/2/2010		Schmetterling, David	Turbidity	0.83	m
7/2/2010		Schmetterling, David	Turbidity	7.89	NTU
7/2/2010		Schmetterling, David	Water Temp	15.3	Deg C
7/2/2010		Schmetterling, David	Water Temp	15.3	Deg C
7/1/2010		Schmetterling, David	Conductivity	206	u
7/1/2010		Schmetterling, David	Conductivity	206	u
7/1/2010		Schmetterling, David	Discharge	176.88	CMS
7/1/2010		Schmetterling, David	Discharge	176.88	CMS
7/1/2010		Schmetterling, David	Turbidity	8.24	NTU
7/1/2010		Schmetterling, David	Turbidity	0.9	m
7/1/2010		Schmetterling, David	Turbidity	0.81	m
7/1/2010		Schmetterling, David	Turbidity	0.81	m
7/1/2010		Schmetterling, David	Turbidity	8.24	NTU
7/1/2010		Schmetterling, David	Turbidity	0.9	m
7/1/2010		Schmetterling, David	Water Temp	16.4	Deg C
7/1/2010		Schmetterling, David	Water Temp	16.4	Deg C
6/25/2010		Schmetterling, David	Conductivity	207	u
6/25/2010		Schmetterling, David	Conductivity	207	u
6/25/2010		Schmetterling, David	Discharge	221.59	CMS
6/25/2010		Schmetterling, David	Discharge	221.59	CMS
6/25/2010		Schmetterling, David	Turbidity	13.5	NTU
6/25/2010		Schmetterling, David	Turbidity	0.48	m
6/25/2010		Schmetterling, David	Turbidity	0.64	m
6/25/2010		Schmetterling, David	Turbidity	0.48	m
6/25/2010		Schmetterling, David	Turbidity	0.64	m
6/25/2010		Schmetterling, David	Turbidity	13.5	NTU
6/25/2010		Schmetterling, David	Water Temp	14.9	Deg C
6/25/2010		Schmetterling, David	Water Temp	14.9	Deg C
6/18/2010		Schmetterling, David	Discharge	220.74	CMS
6/18/2010		Schmetterling, David	Discharge	220.74	CMS
6/25/2009		Schmetterling, David	Discharge	183.95	CMS
6/25/2009		Schmetterling, David	Discharge	183.95	CMS
7/7/2008		Schmetterling, David	Discharge	175.46	CMS
7/7/2008		Schmetterling, David	Discharge	175.46	CMS
7/1/2008		Schmetterling, David	Discharge	205.18	CMS
7/1/2008		Schmetterling, David	Discharge	205.18	CMS
6/30/2008		Schmetterling, David	Discharge	206.31	CMS
6/30/2008					

		Schmetterling, David	Discharge	206.31	CMS
6/14/2007		Schmetterling, David	Discharge	180.27	CMS
6/14/2007		Schmetterling, David	Discharge	180.27	CMS
6/6/2007		Schmetterling, David	Discharge	208.29	CMS
6/6/2007		Schmetterling, David	Discharge	208.29	CMS
6/5/2007		Schmetterling, David	Discharge	190.46	CMS
6/5/2007		Schmetterling, David	Discharge	190.46	CMS
6/14/2006		Schmetterling, David	Discharge	199.23	CMS
6/14/2006		Schmetterling, David	Discharge	186.78	CMS
6/14/2006		Schmetterling, David	Discharge	199.23	CMS
6/14/2006		Schmetterling, David	Discharge	186.78	CMS
6/6/2006		Schmetterling, David	Discharge	183.38	CMS
6/6/2006		Schmetterling, David	Discharge	183.38	CMS
6/20/2005		Schmetterling, David	Discharge	186.78	CMS
6/20/2005		Schmetterling, David	Discharge	186.78	CMS
6/15/2005		Schmetterling, David	Discharge	175.46	CMS
6/15/2005		Schmetterling, David	Discharge	175.46	CMS

**Section: TURAH**  
**River Miles: 225.4 to 227.6**

Date	Time	Collector	Parameter	Value	Unit
7/13/2011		Schmetterling, David	Conductivity	233	u
7/13/2011		Schmetterling, David	Discharge	103.01	CMS
7/13/2011		Schmetterling, David	Turbidity	0.58	m
7/13/2011		Schmetterling, David	Water Temp	16.4	Deg C
7/13/2011		Schmetterling, David	Width	48.5	m
7/13/2011		Schmetterling, David	Width	63.1	m
6/28/2010		Schmetterling, David	Conductivity	221	u
6/28/2010		Schmetterling, David	Discharge	114.33	CMS
6/28/2010		Schmetterling, David	Turbidity	13.5	NTU
6/28/2010		Schmetterling, David	Turbidity	0.52	m
6/28/2010		Schmetterling, David	Turbidity	0.46	m
6/28/2010		Schmetterling, David	Water Temp	15	Deg C
6/15/2010		Schmetterling, David	Conductivity	199.7	u
6/15/2010		Schmetterling, David	Discharge	107.82	CMS
6/15/2010		Schmetterling, David	Turbidity	0.57	m
6/15/2010		Schmetterling, David	Turbidity	0.5	m
6/15/2010		Schmetterling, David	Turbidity	14.3	NTU
6/15/2010		Schmetterling, David	Water Temp	14	Deg C
6/22/2009		Schmetterling, David	Discharge	113.48	CMS
6/16/2009		Schmetterling, David	Discharge	108.67	CMS
6/15/2009		Schmetterling, David	Discharge	106.69	CMS
7/1/2008		Schmetterling, David	Discharge	92.54	CMS
6/27/2008		Schmetterling, David	Discharge	108.96	CMS
6/23/2008		Schmetterling, David	Discharge	138.67	CMS
6/15/2007		Schmetterling, David	Discharge	117.73	CMS
6/4/2007		Schmetterling, David	Discharge	83.48	CMS
6/12/2006		Schmetterling, David	Discharge	92.82	CMS

		Schmetterling, David	Discharge	87.73	CMS
6/27/2005		Schmetterling, David	Discharge	107.54	CMS
6/23/2005		Schmetterling, David	Discharge	98.2	CMS
6/22/2005		Schmetterling, David	Discharge	93.39	CMS
<b>Section: Bearmouth - Beavertail</b>					
<b>River Miles: 245.4 to 260.2</b>					
Date	Time	Collector	Parameter	Value	Unit
4/12/2010		Liermann, Bradley	Water Temp	6.7	Deg C
4/6/2010		Liermann, Bradley	Water Temp	6.1	Deg C
4/5/2010		Liermann, Bradley	Water Temp	5.4	Deg C
<b>Section: Bearmouth</b>					
<b>River Miles: 254.1 to 260.3</b>					
Date	Time	Collector	Parameter	Value	Unit
4/15/2011		Liermann, Bradley	Conductivity	446	u
4/15/2011		Liermann, Bradley	Discharge	26.94	CMS
4/15/2011		Liermann, Bradley	Turbidity	0.6	m
4/15/2011		Liermann, Bradley	Water Temp	5.7	Deg C
4/14/2011		Liermann, Bradley	Conductivity	441	u
4/14/2011		Liermann, Bradley	Discharge	26.94	CMS
4/14/2011		Liermann, Bradley	Turbidity	0.56	m
4/14/2011		Liermann, Bradley	Water Temp	5.4	Deg C
4/8/2011		Liermann, Bradley	Conductivity	455	u
4/8/2011		Liermann, Bradley	Discharge	24.56	CMS
4/8/2011		Liermann, Bradley	Turbidity	0.63	m
4/8/2011		Liermann, Bradley	Water Temp	4.5	Deg C
4/8/2011		Liermann, Bradley	Width	28.3	m
4/8/2011		Liermann, Bradley	Width	35.6	m
4/8/2011		Liermann, Bradley	Width	38.4	m
4/8/2011		Liermann, Bradley	Width	40.2	m
4/8/2011		Liermann, Bradley	Width	45.7	m
4/7/2011		Liermann, Bradley	Conductivity	449	u
4/7/2011		Liermann, Bradley	Discharge	26.09	CMS
4/7/2011		Liermann, Bradley	Turbidity	0.59	m
4/7/2011		Liermann, Bradley	Water Temp	4.5	Deg C
<b>Section: Morse Ranch to Flint Creek</b>					
<b>River Miles: 274 to 280.2</b>					
Date	Time	Collector	Parameter	Value	Unit
4/13/2011		Liermann, Bradley	Conductivity	420	u
4/13/2011		Liermann, Bradley	Discharge	24.39	CMS
4/13/2011		Liermann, Bradley	Turbidity	0.77	m
4/13/2011		Liermann, Bradley	Water Temp	6.8	Deg C
4/12/2011		Liermann, Bradley	Conductivity	427	u
4/12/2011		Liermann, Bradley	Discharge	24.22	CMS
4/12/2011		Liermann, Bradley	Turbidity	0.75	m
4/12/2011		Liermann, Bradley	Water Temp	5.9	Deg C
4/12/2011					

		Liermann, Bradley	Width	25.6	m
4/12/2011		Liermann, Bradley	Width	26.5	m
4/12/2011		Liermann, Bradley	Width	20.1	m
4/12/2011		Liermann, Bradley	Width	30.2	m
4/5/2011		Liermann, Bradley	Conductivity	407	u
4/5/2011		Liermann, Bradley	Discharge	27.11	CMS
4/5/2011		Liermann, Bradley	Turbidity	0.58	m
4/5/2011		Liermann, Bradley	Water Temp	5.7	Deg C
4/4/2011		Liermann, Bradley	Conductivity	387	u
4/4/2011		Liermann, Bradley	Discharge	29.15	CMS
4/4/2011		Liermann, Bradley	Turbidity	0.62	m
4/4/2011		Liermann, Bradley	Water Temp	4.3	Deg C

**Section:** Jens to Morse  
**River Miles:** 280.3 to 285.5

Date	Time	Collector	Parameter	Value	Unit
4/8/2010		Liermann, Bradley	Water Temp	5.8	Deg C

**Section:** Phosphate Bridge to Jens Bridge  
**River Miles:** 287.2 to 293.5

Date	Time	Collector	Parameter	Value	Unit
4/24/2009		Lindstrom, Jason	Conductivity	313	µS/cm
4/24/2009		Lindstrom, Jason	Water Temp	6.2	Deg C
4/17/2009		Lindstrom, Jason	Conductivity	413	µS/cm
4/17/2009		Lindstrom, Jason	Water Temp	3.7	Deg C

**Section:** Phosphate  
**River Miles:** 294 to 295

Date	Time	Collector	Parameter	Value	Unit
4/13/2010		Lindstrom, Jason	Flow	407	cfs
4/12/2010		Lindstrom, Jason	Conductivity	475	µS/cm
4/12/2010		Lindstrom, Jason	Flow	396	cfs
4/12/2010		Lindstrom, Jason	Water Temp	5.2	Deg C
4/6/2010		Lindstrom, Jason	Conductivity	463	µS/cm
4/6/2010		Lindstrom, Jason	Flow	431	cfs
4/6/2010		Lindstrom, Jason	Water Temp	4.7	Deg C
4/5/2010		Lindstrom, Jason	Flow	429	cfs
4/30/2008	12:45 PM	Lindstrom, Jason	Water Temp	6	Deg C
4/30/2008		Lindstrom, Jason	Conductivity	406	µS/cm
4/30/2008		Lindstrom, Jason	Flow	556	cfs
4/29/2008	12:15 PM	Lindstrom, Jason	Water Temp	9.1	Deg C
4/29/2008		Lindstrom, Jason	Conductivity	408	µS/cm
4/29/2008		Lindstrom, Jason	Flow	519	cfs
4/23/2008	11:48 AM	Lindstrom, Jason	Water Temp	4.8	Deg C
4/23/2008		Lindstrom, Jason	Conductivity	477	µS/cm
4/23/2008		Lindstrom, Jason	Flow	435	cfs
4/22/2008	12:30 PM	Lindstrom, Jason	Water Temp	3.1	Deg C
4/22/2008		Lindstrom, Jason	Conductivity	488	µS/cm
4/22/2008					

		Lindstrom, Jason	Flow	418	cfs
<b>Section:</b> Kohr's Bend FAS to Phosphate Bridge					
<b>River Miles:</b> 294.6 to 302.1					
Date	Time	Collector	Parameter	Value	Unit
4/23/2009		Lindstrom, Jason	Conductivity	433	µS/cm
4/23/2009		Lindstrom, Jason	Water Temp	9	Deg C
4/16/2009		Lindstrom, Jason	Conductivity	437	µS/cm
4/16/2009		Lindstrom, Jason	Water Temp	5.8	Deg C
<b>Section:</b> State Land Near FFA to Kohr's Bend FAS					
<b>River Miles:</b> 304.4 to 308					
Date	Time	Collector	Parameter	Value	Unit
4/22/2009		Lindstrom, Jason	Conductivity	439	µS/cm
4/22/2009		Lindstrom, Jason	Water Temp	10.6	Deg C
4/15/2009		Lindstrom, Jason	Conductivity	525	µS/cm
4/15/2009		Lindstrom, Jason	Water Temp	5.3	Deg C
<b>Section:</b> WILLIAMS TAVENNER					
<b>River Miles:</b> 308 to 309.2					
Date	Time	Collector	Parameter	Value	Unit
4/15/2010		Lindstrom, Jason	Conductivity	533	µS/cm
4/15/2010		Lindstrom, Jason	Flow	238	cfs
4/15/2010		Lindstrom, Jason	Water Temp	7.1	Deg C
4/14/2010		Lindstrom, Jason	Flow	233	cfs
4/8/2010		Lindstrom, Jason	Conductivity	542	µS/cm
4/8/2010		Lindstrom, Jason	Flow	226	cfs
4/8/2010		Lindstrom, Jason	Water Temp	5.6	Deg C
4/7/2010		Lindstrom, Jason	Flow	230	cfs
4/18/2008	12:15 PM	Lindstrom, Jason	Water Temp	8.1	Deg C
4/18/2008		Lindstrom, Jason	Conductivity	537	µS/cm
4/18/2008		Lindstrom, Jason	Flow	222	cfs
4/17/2008	1:40 PM	Lindstrom, Jason	Water Temp	9.8	Deg C
4/17/2008		Lindstrom, Jason	Conductivity	516	µS/cm
4/17/2008		Lindstrom, Jason	Flow	189	cfs
4/11/2008	10:40 AM	Lindstrom, Jason	Water Temp	4.8	Deg C
4/11/2008		Lindstrom, Jason	Conductivity	552	µS/cm
4/11/2008		Lindstrom, Jason	Flow	186	cfs
4/10/2008	11:00 AM	Lindstrom, Jason	Water Temp	5.7	Deg C
4/10/2008		Lindstrom, Jason	Conductivity	552	µS/cm
4/10/2008		Lindstrom, Jason	Flow	185	cfs
<b>Section:</b> Arrowstone Park to State Land Near FFA					
<b>River Miles:</b> 308.6 to 314.9					
Date	Time	Collector	Parameter	Value	Unit
4/21/2009		Lindstrom, Jason	Conductivity	513	µS/cm
4/21/2009		Lindstrom, Jason	Conductivity	514	µS/cm
4/21/2009		Lindstrom, Jason	Conductivity	515	µS/cm
4/21/2009					



		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/21/2009		Lindstrom, Jason	Water Temp	13.8	Deg C
4/14/2009		Lindstrom, Jason	Water Temp	6.8	Deg C

**Section: Sager Lane Bridge to Arrowstone Park**  
**River Miles: 315.9 to 321.8**

Date	Time	Collector	Parameter	Value	Unit
4/13/2009		Lindstrom, Jason	Conductivity	514	µS/cm
4/13/2009		Lindstrom, Jason	Water Temp	8.1	Deg C
4/13/2009		Lindstrom, Jason	Water Temp	9	Deg C

**Section: Below Sager Lane**  
**River Miles: 318.3 to 321.5**

Date	Time	Collector	Parameter	Value	Unit
4/27/2010		Lindstrom, Jason	Flow	251	cfs
4/26/2010		Lindstrom, Jason	Conductivity	480	µS/cm
4/26/2010		Lindstrom, Jason	Flow	261	cfs
4/26/2010		Lindstrom, Jason	Water Temp	9.1	Deg C
4/20/2010		Lindstrom, Jason	Conductivity	485	µS/cm
4/20/2010		Lindstrom, Jason	Flow	256	cfs
4/20/2010		Lindstrom, Jason	Water Temp	12	Deg C
4/19/2010		Lindstrom, Jason	Conductivity	495	µS/cm
4/19/2010		Lindstrom, Jason	Flow	244	cfs
4/19/2010		Lindstrom, Jason	Water Temp	12.2	Deg C

**Section: Huey Long's to Sager Lane Bridge**  
**River Miles: 323.6 to 325.4**

Date	Time	Collector	Parameter	Value	Unit
4/19/2009					

		Lindstrom, Jason	Conductivity	528	µS/cm
4/9/2009		Lindstrom, Jason	Water Temp	6.5	Deg C
4/3/2009		Lindstrom, Jason	Conductivity	511	µS/cm
4/3/2009		Lindstrom, Jason	Conductivity	511	µS/cm
4/3/2009		Lindstrom, Jason	Water Temp	5.6	Deg C
4/3/2009		Lindstrom, Jason	Water Temp	5.6	Deg C
<b>Section: Racetrack Bridge to Huey Long's</b>					
<b>River Miles: 326 to 327.7</b>					
Date	Time	Collector	Parameter	Value	Unit
4/9/2009		Lindstrom, Jason	Conductivity	558	µS/cm
4/9/2009		Lindstrom, Jason	Water Temp	6.7	Deg C
4/3/2009		Lindstrom, Jason	Conductivity	511	µS/cm
4/3/2009		Lindstrom, Jason	Water Temp	5.6	Deg C
<b>Section: Galen Bridge to Racetrack Bridge</b>					
<b>River Miles: 328.8 to 331.9</b>					
Date	Time	Collector	Parameter	Value	Unit
4/8/2009		Lindstrom, Jason	Conductivity	560	µS/cm
4/8/2009		Lindstrom, Jason	Conductivity	560	µS/cm
4/8/2009		Lindstrom, Jason	Water Temp	7.5	Deg C
4/8/2009		Lindstrom, Jason	Water Temp	9	Deg C
4/2/2009		Lindstrom, Jason	Conductivity	564	µS/cm
4/2/2009		Lindstrom, Jason	Water Temp	2.7	Deg C
4/2/2009		Lindstrom, Jason	Water Temp	4.9	Deg C
<b>Section: Perkins Lane to Galen Bridge</b>					
<b>River Miles: 332.9 to 336.1</b>					
Date	Time	Collector	Parameter	Value	Unit
4/7/2009		Lindstrom, Jason	Conductivity	504	µS/cm
4/7/2009		Lindstrom, Jason	Water Temp	7.2	Deg C
<b>Section: PH SHACK</b>					
<b>River Miles: 338.1 to 339.2</b>					
Date	Time	Collector	Parameter	Value	Unit
4/29/2010		Lindstrom, Jason	Conductivity	454	µS/cm
4/29/2010		Lindstrom, Jason	Flow	145	cfs
4/29/2010		Lindstrom, Jason	Water Temp	4.8	Deg C
4/28/2010		Lindstrom, Jason	Conductivity	440	µS/cm
4/28/2010		Lindstrom, Jason	Flow	153	cfs
4/28/2010		Lindstrom, Jason	Water Temp	7.7	Deg C
4/22/2010		Lindstrom, Jason	Conductivity	421	µS/cm
4/22/2010		Lindstrom, Jason	Flow	178	cfs
4/22/2010		Lindstrom, Jason	Water Temp	12.6	Deg C
4/21/2010		Lindstrom, Jason	Conductivity	452	µS/cm
4/21/2010		Lindstrom, Jason	Flow	163	cfs
4/21/2010		Lindstrom, Jason	Water Temp	11.9	Deg C
4/6/2009		Lindstrom, Jason	Conductivity	490	µS/cm
4/6/2009					



		Lindstrom, Jason	Conductivity	509	µS/cm
4/6/2009		Lindstrom, Jason	Water Temp	3.8	Deg C
3/31/2009		Lindstrom, Jason	Conductivity	490	µS/cm
3/31/2009		Lindstrom, Jason	Water Temp	1.7	Deg C
4/16/2008	11:25 AM	Lindstrom, Jason	Water Temp	4.6	Deg C
4/16/2008		Lindstrom, Jason	Conductivity	446	µS/cm
4/16/2008		Lindstrom, Jason	Flow	84	cfs
4/15/2008	10:30 AM	Lindstrom, Jason	Water Temp	6.8	Deg C
4/15/2008		Lindstrom, Jason	Conductivity	442	µS/cm
4/15/2008		Lindstrom, Jason	Flow	89	cfs
4/9/2008	10:30 AM	Lindstrom, Jason	Water Temp	3.7	Deg C
4/9/2008		Lindstrom, Jason	Conductivity	517	µS/cm
4/9/2008		Lindstrom, Jason	Flow	77	cfs
4/8/2008	11:30 AM	Lindstrom, Jason	Water Temp	3.9	Deg C
4/8/2008		Lindstrom, Jason	Conductivity	503	µS/cm
4/8/2008		Lindstrom, Jason	Flow	78	cfs

**Section:** pH to Perkins Lane  
**River Miles:** 338.2 to 339

Date	Time	Collector	Parameter	Value	Unit
4/29/2010		Lindstrom, Jason	Conductivity	454	µS/cm
4/29/2010		Lindstrom, Jason	Flow	145	cfs
4/29/2010		Lindstrom, Jason	Water Temp	4.8	Deg C
4/28/2010		Lindstrom, Jason	Conductivity	440	µS/cm
4/28/2010		Lindstrom, Jason	Flow	153	cfs
4/28/2010		Lindstrom, Jason	Water Temp	7.7	Deg C
4/22/2010		Lindstrom, Jason	Conductivity	421	µS/cm
4/22/2010		Lindstrom, Jason	Flow	178	cfs
4/22/2010		Lindstrom, Jason	Water Temp	12.6	Deg C
4/21/2010		Lindstrom, Jason	Conductivity	452	µS/cm
4/21/2010		Lindstrom, Jason	Flow	163	cfs
4/21/2010		Lindstrom, Jason	Water Temp	11.9	Deg C

**Bull Trout Core Areas**

Begin Mile	End Mile
162.831	163.035

**Bull Trout Node Areas**

Begin Mile	End Mile
25.47	28.34
44.06	336.8

# Appendix 3

SHPO Research Files

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO0940	13 N	19W	21	Comb	Historic District	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0355	13 N	19W	21	Comb	Historic Community Survey Area	Null	Historic More Than One Decade	Private	NR Listed
24MO0811	13 N	19W	21	Comb	Historic Residence	Null	Historic Period	Private	CD
24MO0811	13 N	19W	21	Comb	Historic Residence	Null	Historic Period	Private	CD
24MO0807	13 N	19W	21	Comb	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0807	13 N	19W	21	Comb	Historic Residence	Null	Historic Period	Private	Ineligible
24MO1011	13 N	19W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0790	13 N	19W	21	NE	Historic Residence	Null	Historic More Than One Decade	Private	NR Listed
24MO1013	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1014	13 N	19W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1015	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1016	13 N	19W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1017	13 N	19W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1018	13 N	19W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1019	13 N	19W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1010	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1225	13 N	19W	21	NE	Historic Communication	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1226	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1227	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1228	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1232	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1233	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1233	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1264	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1335	13 N	19W	21	NE	Historic Residence	Historic Architecture	No Indication of Time	Private	NR Listed
24MO1336	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1338	13 N	19W	21	NE	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1337	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1339	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1340	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1341	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1342	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1342	13 N	19W	21	NE	Historic Residence	Null	Historic More Than One Decade	Private	NR Listed
24MO1343	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1344	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1345	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1346	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1347	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1348	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1349	13 N	19W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1350	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1351	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1020	13 N	19W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1609	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1610	13 N	19W	21	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1564	13 N	19W	21	NE	Historic District	Null	Historic More Than One Decade	Combination	NR Listed
24MO1564	13 N	19W	21	NE	Historic District	Null	Historic More Than One Decade	Combination	NR Listed
24MO0847	13 N	19W	21	NE	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO0847	13 N	19 W	21	NE	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0941	13 N	19 W	21	NE	Historic Church	Historic School	Historic More Than One Decade	Private	NR Listed
24MO0941	13 N	19 W	21	NE	Historic Church	Historic School	Historic More Than One Decade	Private	NR Listed
24MO0941	13 N	19 W	21	NE	Historic Church	Historic School	Historic More Than One Decade	Private	NR Listed
24MO0941	13 N	19 W	21	NE	Historic Church	Historic School	Historic More Than One Decade	Private	NR Listed
24MO1564	13 N	19 W	21	NE	Historic District	Null	Historic More Than One Decade	Combination	NR Listed
24MO1006	13 N	19 W	21	NE	Historic Residence	Historic District	Historic More Than One Decade	Private	NR Listed
24MO1008	13 N	19 W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1009	13 N	19 W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0553	13 N	19 W	21	NE	Historic Vehicular/Foot Bridge	Null	Historic More Than One Decade	MDOT Other	CD
24MO0351	13 N	19 W	21	NE	Historic Site	Historic Misc. Industrial	Historic More Than One Decade	Private	NR Listed
24MO0369	13 N	19 W	21	NE	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1012	13 N	19 W	21	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0868	13 N	19 W	21	NW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0868	13 N	19 W	21	NW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0869	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0870	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0870	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0871	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0871	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0873	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	CD
24MO0873	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	CD
24MO0874	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0874	13 N	19 W	21	NW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0878	13 N	19 W	21	NW	Historic Hotel/Motel	Null	Historic More Than One Decade	Private	Ineligible
24MO0878	13 N	19 W	21	NW	Historic Hotel/Motel	Null	Historic More Than One Decade	Private	Ineligible
24MO0550	13 N	19 W	21	NW	Historic Irrigation System	Null	Historic More Than One Decade	Private	Unresolved
24MO0550	13 N	19 W	21	NW	Historic Irrigation System	Null	Historic More Than One Decade	Private	Ineligible
24MO0550	13 N	19 W	21	NW	Historic Irrigation System	Null	Historic More Than One Decade	Private	CD
24MO0792	13 N	19 W	21	NW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0793	13 N	19 W	21	NW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0794	13 N	19 W	21	NW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0792	13 N	19 W	21	NW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0793	13 N	19 W	21	NW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0794	13 N	19 W	21	NW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO1042	13 N	19 W	21	SE	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0848	13 N	19 W	21	SE	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0848	13 N	19 W	21	SE	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0850	13 N	19 W	21	SE	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0850	13 N	19 W	21	SE	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0544	13 N	19 W	21	SE	Historic Irrigation System	Null	Historic More Than One Decade	Private	Unresolved
24MO0545	13 N	19 W	21	SE	Historic Irrigation System	Null	Historic More Than One Decade	Private	Unresolved
24MO0545	13 N	19 W	21	SE	Historic Irrigation System	Null	Historic More Than One Decade	State Owned	Unresolved
24MO0250	13 N	19 W	21	SE	Historic Residence	Historic Architecture	1880-1889	Private	NR Listed
24MO0263	13 N	19 W	21	SE	Historic Agriculture	Historic Commercial Development	1900-1909	Private	NR Listed
24MO0256	13 N	19 W	21	SE	Historic Railroad, Stage Route, Travel	Historic Railroad Building/Structure	1910-1919	Private	NR Listed
24MO0554	13 N	19 W	21	SE	Historic Railroad Building/Structure	Historic Vehicular/Foot Bridge	Historic More Than One Decade	MDOT Other	CD

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO0843	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0843	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0844	13 N	19W	21	SW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0844	13 N	19W	21	SW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0845	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0845	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0846	13 N	19W	21	SW	Historic Church	Null	Historic More Than One Decade	Private	Ineligible
24MO0846	13 N	19W	21	SW	Historic Church	Null	Historic More Than One Decade	Private	Ineligible
24MO0849	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0849	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0851	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0851	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0853	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0853	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0854	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0854	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0855	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0855	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0856	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0856	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0857	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0857	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0858	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0858	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0859	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0859	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0860	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0860	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0861	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	CD
24MO0861	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	CD
24MO0862	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0862	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0863	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0863	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0864	13 N	19W	21	SW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0864	13 N	19W	21	SW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO0865	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0865	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0866	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0866	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0718	13 N	19W	21	SW	Historic Railroad, Stage Route, Travel	Null	No Data	Private	CD
24MO0718	13 N	19W	21	SW	Historic Railroad	Null	No Data	Private	CD
24MO0718	13 N	19W	21	SW	Historic Railroad, Stage Route, Travel	Null	No Data	Private	CD
24MO0718	13 N	19W	21	SW	Historic Railroad	Null	No Data	Private	CD
24MO0718	13 N	19W	21	SW	Historic Railroad, Stage Route, Travel	Null	No Data	Private	CD
24MO0718	13 N	19W	21	SW	Historic Railroad	Null	No Data	Private	CD
24MO0719	13 N	19W	21	SW	Historic Architecture	Null	Historic More Than One Decade	Private	NR Listed
24MO0796	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	CD

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO0799	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0802	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0804	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0808	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0718	13 N	19W	21	SW	Historic Railroad, Stage Route, Travel	Null	No Data	Private	Unresolved
24MO0718	13 N	19W	21	SW	Historic Railroad	Null	No Data	Private	Unresolved
24MO0796	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	CD
24MO0799	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0802	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0804	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0808	13 N	19W	21	SW	Historic Residence	Null	Historic Period	Private	Ineligible
24MO0718	13 N	19W	21	SW	Historic Railroad, Stage Route, Travel	Null	No Data	Private	CD
24MO0718	13 N	19W	21	SW	Historic Railroad	Null	No Data	Private	CD
24MO0842	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0842	13 N	19W	21	SW	Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0713	13 N	19W	21	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO0713	13 N	19W	21	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO0713	13 N	19W	21	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO0713	13 N	19W	21	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO1608	13 N	19W	21	comb	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1611	13 N	19W	21	comb	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0713	13 N	19W	21	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO0534	13 N	19W	21		Historic Residence	Historic Outbuildings	Historic More Than One Decade	Private	Ineligible
24MO0536	13 N	19W	21		Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0535	13 N	19W	21		Historic Residence	Historic Outbuildings	Historic More Than One Decade	Private	Ineligible
24MO0533	13 N	19W	21		Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0531	13 N	19W	21		Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0532	13 N	19W	21		Historic Residence	Null	Historic More Than One Decade	Private	CD
24MO0372	13 N	19W	22	Comb	Historic District	Historic Apartment House	Historic Period	Combination	NR Listed
24MO0702	13 N	19W	22	Comb	Historic Hotel/Motel	Null	Historic More Than One Decade	Private	NR Listed
24MO1177	13 N	19W	22	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1178	13 N	19W	22	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1179	13 N	19W	22	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1180	13 N	19W	22	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1314	13 N	19W	22	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1233	13 N	19W	22	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1233	13 N	19W	22	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1309	13 N	19W	22	NE	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1310	13 N	19W	22	NE	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1311	13 N	19W	22	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1312	13 N	19W	22	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1313	13 N	19W	22	NE	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1120	13 N	19W	22	NE	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1308	13 N	19W	22	NE	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1181	13 N	19W	22	NE	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0302	13 N	19W	22	NW	Historic Hotel/Motel	Null	Historic More Than One Decade	Private	NR Listed
24MO0715	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0252	13 N	19W	22	NW	Historic Commercial Development	Historic Hotel/Motel	1900-1909	Private	NR Listed

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period		Owner	NR Status
24M00253	13 N	19W	22	NW	Historic Architecture	Historic Residence	1900-1909		Private	NR Listed
24M00259	13 N	19W	22	NW	Historic Religion	Historic Church	1890-1899		Private	NR Listed
24M00345	13 N	19W	22	NW	Historic Site	Historic Hotel/Motel	Prehistoric One Period	More Than	Private	NR Listed
24M00339	13 N	19W	22	NW	Historic Commercial Development	Historic Commercial Development	Prehistoric One Period	More Than	Private	NR Listed
24M00340	13 N	19W	22	NW	Historic Site	Historic Apartment House	Prehistoric One Period	More Than	Private	DOE
24M00337	13 N	19W	22	NW	Historic Site	Historic Fraternal Lodge	Prehistoric One Period	More Than	Private	NR Listed
24M00343	13 N	19W	22	NW	Historic Site	Historic Misc. Industrial	Prehistoric One Period	More Than	Private	NR Listed
24M00341	13 N	19W	22	NW	Historic Site	Historic Hotel/Motel	Prehistoric One Period	More Than	Private	DOE
24M00347	13 N	19W	22	NW	Historic Site	Historic Misc. Industrial	Prehistoric One Period	More Than	Private	NR Listed
24M00350	13 N	19W	22	NW	Historic Site	Historic Misc. Industrial	Prehistoric One Period	More Than	Private	NR Listed
24M00336	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade		Private	NR Listed
24M00255	13 N	19W	22	NW	Historic Commercial Development	Historic Commercial Development	1880-1889		Private	NR Listed
24M00547	13 N	19W	22	NW	Historic District	Historic Railroad Building/Structure	Historic Decade	More Than One	Other	NR Listed
24M00335	13 N	19W	22	NW	Historic Site	Historic Apartment House	Prehistoric One Period	More Than	Private	NR Listed
24M00349	13 N	19W	22	NW	Cribbed Log Occupation Structure	Historic Fraternal Lodge	Historic Decade	More Than One	Private	NR Listed
24M00175	13 N	19W	22	NW	Historic Courthouse	Null	Historic Decade	More Than One	Other	NR Listed
24M00247	13 N	19W	22	NW	Historic Religion	Other	1920-1930		Private	NR Listed
24M00257	13 N	19W	22	NW	Historic Education	Historic Library	1900-1909		State Owned	NR Listed
24M00258	13 N	19W	22	NW	Historic Railroad, Stage Route, Travel	Historic Railroad Building/Structure	1900-1909		Private	NR Listed
24M00301	13 N	19W	22	NW	Historic Hotel/Motel	Null	Historic Decade	More Than One	Private	NR Listed
24M00334	13 N	19W	22	NW	Historic Site	Historic Hotel/Motel	Prehistoric One Period	More Than	Private	NR Listed
24M00338	13 N	19W	22	NW	Historic Site	Historic Apartment House	Prehistoric One Period	More Than	Private	NR Listed
24M00719	13 N	19W	22	NW	Historic Architecture	Null	Historic Decade	More Than One	Private	NR Listed
24M00306	13 N	19W	22	NW	Historic Political/Government	Null	Historic Decade	More Than One	State Owned	NR Listed
24M00301	13 N	19W	22	NW	Historic Hotel/Motel	Null	Historic Decade	More Than One	Private	DOE
24M00339	13 N	19W	22	NW	Historic Commercial Development	Historic Commercial Development	Prehistoric One Period	More Than	Private	DOE
24M00341	13 N	19W	22	NW	Historic Site	Historic Hotel/Motel	Prehistoric One Period	More Than	Private	DOE
24M00780	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic Decade	More Than One	Private	NR Listed
24M00571	13 N	19W	22	NW	Historic Hotel/Motel	Null	Historic Decade	More Than One	Other	NR Listed
24M00941	13 N	19W	22	NW	Historic Church	Historic School	Historic Decade	More Than One	Private	NR Listed
24M00941	13 N	19W	22	NW	Historic Church	Historic School	Historic Decade	More Than One	Private	NR Listed
24M00941	13 N	19W	22	NW	Historic Church	Historic School	Historic Decade	More Than One	Private	NR Listed
24M00941	13 N	19W	22	NW	Historic Church	Historic School	Historic Decade	More Than One	Private	NR Listed
24M01293	13 N	19W	22	NW	Historic Architecture	Historic Apartment House	Historic Decade	More Than One	Private	NR Listed
24M01294	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic Decade	More Than One	Private	Ineligible
24M01295	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01296	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic Decade	More Than One	Private	NR Listed
24M01297	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01298	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01299	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01300	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01301	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01302	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01303	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01304	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01305	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01306	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic Decade	More Than One	Private	NR Listed
24M01307	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic Decade	More Than One	Private	NR Listed

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO0957	13 N	19W	22	NW	Historic Education	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0959	13 N	19W	22	NW	Historic Apartment House	Null	Historic More Than One Decade	Private	NR Listed
24MO0960	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0961	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0962	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0964	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade		NR Listed
24MO0967	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0965	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0966	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0968	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO0969	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO0971	13 N	19W	22	NW	Historic Architecture	Historic District	Historic More Than One Decade	Private	NR Listed
24MO0973	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0970	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0975	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0976	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0974	13 N	19W	22	NW	Historic Architecture	Historic District	Historic More Than One Decade	Private	NR Listed
24MO0972	13 N	19W	22	NW	Historic Architecture	Historic District	Historic More Than One Decade	Private	NR Listed
24MO0978	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0979	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0980	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0981	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0982	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0983	13 N	19W	22	NW	Historic Hotel/Motel	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0984	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0985	13 N	19W	22	NW	Historic Architecture	Historic Political/Government	Historic More Than One Decade	Private	Ineligible
24MO0986	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0988	13 N	19W	22	NW	Historic Political/Government	Null	Historic More Than One Decade	Private	Ineligible
24MO0987	13 N	19W	22	NW	Historic Architecture	Historic Apartment House	Historic More Than One Decade	Private	NR Listed
24MO0989	13 N	19W	22	NW	Historic Residence	Historic Agriculture	Historic More Than One Decade	Private	NR Listed
24MO0990	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0991	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0992	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0994	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0996	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO0997	13 N	19W	22	NW	Historic Architecture	Historic District	Historic More Than One Decade	Private	NR Listed
24MO0998	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1000	13 N	19W	22	NW	Historic Residence	Historic District	Historic More Than One Decade	Private	NR Listed
24MO1007	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1021	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1023	13 N	19W	22	NW	Historic Commercial Development	Null	1950-1959	Private	Ineligible
24MO1024	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	1950-1959	Private	Ineligible
24MO1025	13 N	19W	22	NW	Historic Commercial Development	Null	1950-1959	Private	NR Listed
24MO1026	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1027	13 N	19W	22	NW	Historic Apartment House	Historic Commercial Development	No Indication of Time	Private	Ineligible
24MO1028	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1029	13 N	19W	22	NW	Historic Hotel/Motel	Historic Commercial Development	1950-1959	Private	NR Listed
24MO1030	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed





Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO1207	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1208	13 N	19W	22	NW	Historic Commercial Development	Null	1950-1959	Private	Ineligible
24MO1209	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1210	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1211	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0341	13 N	19W	22	NW	Historic Site	Historic Hotel/Motel	Prehistoric More Than One Period	Private	NR Listed
24MO1212	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	1950-1959	Private	Ineligible
24MO1213	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1214	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1215	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1216	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1218	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1219	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1220	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1221	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1223	13 N	19W	22	NW	Historic Gas Station	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1224	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1229	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1230	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1245	13 N	19W	22	NW	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1246	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1247	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1248	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1244	13 N	19W	22	NW	Historic Commercial Development	Historic Communication	Historic More Than One Decade	Private	Ineligible
24MO1249	13 N	19W	22	NW	Historic Religion	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1250	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1251	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1252	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1253	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1254	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	1950-1959	Private	Ineligible
24MO1255	13 N	19W	22	NW	Historic Railroad, Stage Route, Travel	Historic Commercial Development	1950-1959	Private	Ineligible
24MO1256	13 N	19W	22	NW	Historic Religion	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1257	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1258	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1259	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1260	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1261	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1262	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1266	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1267	13 N	19W	22	NW	Historic Hotel/Motel	Historic Communication	Historic More Than One Decade	Private	NR Listed
24MO1268	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1269	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1272	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1273	13 N	19W	22	NW	Historic Political/Government	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1274	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1275	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1276	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1277	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	Ineligible

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO1278	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1279	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1280	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1281	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1282	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1283	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1284	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1285	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1286	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1287	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1288	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1289	13 N	19W	22	NW	Historic Architecture	Historic Apartment House	Historic More Than One Decade	Private	NR Listed
24MO1290	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1291	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1292	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1316	13 N	19W	22	NW	Historic Architecture	Historic Apartment House	Historic More Than One Decade	Private	NR Listed
24MO1317	13 N	19W	22	NW	Historic Architecture	Null	Historic More Than One Decade	Private	Ineligible
24MO1318	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1319	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1320	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1322	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1323	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1324	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1325	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1327	13 N	19W	22	NW	Historic Architecture	Historic Apartment House	Historic More Than One Decade	Private	NR Listed
24MO1328	13 N	19W	22	NW	Historic Architecture	Historic Apartment House	Historic More Than One Decade	Private	NR Listed
24MO1329	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1330	13 N	19W	22	NW	Historic Architecture	Historic Apartment House	Historic More Than One Decade	Private	NR Listed
24MO1331	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1332	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1333	13 N	19W	22	NW	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1334	13 N	19W	22	NW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1353	13 N	19W	22	NW	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1354	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1355	13 N	19W	22	NW	Historic Political/Government	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1356	13 N	19W	22	NW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1357	13 N	19W	22	NW	Historic Architecture	Historic Hotel/Motel	Historic More Than One Decade	Private	NR Listed
24MO1359	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1360	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0977	13 N	19W	22	NW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1270	13 N	19W	22	NW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0361	13 N	19W	22	NW	Historic Railroad Bridge	Null	Historic More Than One Decade	MDOT	CD
24MO0361	13 N	19W	22	NW	Historic Railroad Bridge	Null	Historic More Than One Decade	MDOT	NR Listed
24MO0706	13 N	19W	22	SE	Historic Vehicular/Foot Bridge	Null	1930-1939	BLM and Other	CD
24MO0465	13 N	19W	22	SE	Historic Political/Government	Null	Prehistoric More Than One Period	Combination	Ineligible
24MO0248	13 N	19W	22	SE	Historic Vehicular/Foot Bridge	Null	Historic More Than One Decade	Other	DOE
24MO0326	13 N	19W	22	SE	Historic Vehicular/Foot Bridge	Historic Railroad, Stage Route, Travel	1910-1919	Private	CD
24MO1123	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO1124	13 N	19W	22	SW	Historic Residence	Null	Historic More Than One Decade	Private	NR Listed
24MO1125	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1126	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1127	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1128	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1129	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1130	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1131	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1132	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1133	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	1950-1959	Private	Ineligible
24MO1157	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1158	13 N	19W	22	SW	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1161	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1162	13 N	19W	22	SW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1163	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1164	13 N	19W	22	SW	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1165	13 N	19W	22	SW	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1166	13 N	19W	22	SW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1167	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1168	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1169	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1170	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1171	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1173	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1174	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1174	13 N	19W	22	SW		Null	No Indication of Time	Private	NR Listed
24MO1175	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1176	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1182	13 N	19W	22	SW	Historic Commercial Development	Historic Architecture	Historic Period	Private	NR Listed
24MO1183	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1184	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1189	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1190	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1191	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1192	13 N	19W	22	SW	Historic Religion	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1193	13 N	19W	22	SW	Historic Architecture	Null	Historic More Than One Decade	Private	Ineligible
24MO1194	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1195	13 N	19W	22	SW	Historic Architecture	Historic Apartment House	Historic More Than One Decade	Private	NR Listed
24MO1196	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1197	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1198	13 N	19W	22	SW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1199	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1200	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1201	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1202	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1203	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1204	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1236	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO1237	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1238	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1239	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1240	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1241	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1242	13 N	19W	22	SW	Historic Residence	Historic Architecture	No Indication of Time	Private	NR Listed
24MO1243	13 N	19W	22	SW	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1101	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	undetermined
24MO0545	13 N	19W	22	SW	Historic Irrigation System	Null	Historic More Than One Decade	Private	Unresolved
24MO0545	13 N	19W	22	SW	Historic Irrigation System	Null	Historic More Than One Decade	State Owned	Unresolved
24MO0552	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0308	13 N	19W	22	SW	Historic Theater	Null	Historic More Than One Decade	Private	NR Listed
24MO0352	13 N	19W	22	SW	Historic Site	Historic Fraternal Lodge	Prehistoric More Than One Period	Private	NR Listed
24MO0342	13 N	19W	22	SW	Historic Site	Historic Misc. Industrial	Prehistoric More Than One Period	Private	NR Listed
24MO0344	13 N	19W	22	SW	Historic Site	Historic Misc. Industrial	Prehistoric More Than One Period	Private	NR Listed
24MO0346	13 N	19W	22	SW	Historic Site	Historic Misc. Industrial	Prehistoric More Than One Period	Private	NR Listed
24MO0476	13 N	19W	22	SW	Historic District	Historic Community Survey Area	Historic More Than One Decade	Private	NR Listed
24MO0308	13 N	19W	22	SW	Historic Theater	Null	Historic More Than One Decade	Private	DOE
24MO0544	13 N	19W	22	SW	Historic Irrigation System	Null	Historic More Than One Decade	Private	Unresolved
24MO0348	13 N	19W	22	SW	Historic Site	Historic Misc. Industrial	Prehistoric More Than One Period	Private	NR Listed
24MO0353	13 N	19W	22	SW	Historic Site	Historic Misc. Industrial	Prehistoric More Than One Period	Private	NR Listed
24MO0893	13 N	19W	22	SW	Historic Political/Government	Null	Historic More Than One Decade	State Owned	Ineligible
24MO0911	13 N	19W	22	SW	Historic Residence	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0911	13 N	19W	22	SW	Historic Residence	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO0923	13 N	19W	22	SW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0923	13 N	19W	22	SW	Historic Commercial Development	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO0945	13 N	19W	22	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO0945	13 N	19W	22	SW	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24MO1504	13 N	19W	22	SW	Historic Commercial Development	Null	Historic More Than One Decade	Private	Ineligible
24MO1050	13 N	19W	22	SW	Historic Apartment House	Historic Commercial Development	1950-1959	Private	Ineligible
24MO1043	13 N	19W	22	SW	Historic Commercial Development	Null	1950-1959	Private	NR Listed
24MO1045	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1046	13 N	19W	22	SW	Historic Political/Government	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1047	13 N	19W	22	SW	Historic Apartment House	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1048	13 N	19W	22	SW	Historic Commercial Development	Null	1950-1959	Private	Ineligible
24MO1049	13 N	19W	22	SW	Historic Apartment House	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1086	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1087	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1088	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1089	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1090	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1091	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1092	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1096	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1097	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1098	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1099	13 N	19W	22	SW	Historic Apartment House	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1102	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24MO1100	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1101	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1104	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1105	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Other	NR Listed
24MO1106	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	Ineligible
24MO1107	13 N	19W	22	SW	Historic Apartment House	Historic Architecture	Historic More Than One Decade	Private	NR Listed
24MO1108	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	State Owned	NR Listed
24MO1103	13 N	19W	22	SW	Historic Architecture	Historic Residence	Historic More Than One Decade	Private	NR Listed
24MO1109	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1110	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1113	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1114	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1115	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1119	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	NR Listed
24MO1121	13 N	19W	22	SW	Historic Architecture	Historic Commercial Development	Historic More Than One Decade	Private	Ineligible
24MO1122	13 N	19W	22	SW	Historic Residence	Historic Architecture	Historic More Than One Decade	Private	Ineligible
24MO1564	13 N	19W	22	comb	Historic District	Null	Historic More Than One Decade	Combination	NR Listed
24MO1564	13 N	19W	22	comb	Historic District	Null	Historic More Than One Decade	Combination	NR Listed
24MO0713	13 N	19W	22	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO1564	13 N	19W	22	comb	Historic District	Null	Historic More Than One Decade	Combination	NR Listed
24MO0713	13 N	19W	22	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO0713	13 N	19W	22	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO0713	13 N	19W	22	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO0713	13 N	19W	22	comb	Historic Railroad	Null	Historic More Than One Decade	No Data	CD
24MO0253	13 N	19W	22		Historic Architecture	Historic Residence	1900-1909	Private	NR Listed
24MO0248	13 N	19W	22		Historic Vehicular/Foot Bridge	Null	Historic More Than One Decade	Other	DOE
24MO0247	13 N	19W	22		Historic Religion	Other	1920-1930	Private	NR Listed



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### MISSOULA DOWNTOWN HISTORIC DISTRICT

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Site Number:	Site Name	Eligibility Status	Agency	Date
24MO1236	1 PARSONS DR (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
24MO1241	10 PARSONS DR (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1269	100 RYMAN ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1315	105 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1316	107 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1242	11 PARSONS DR (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1317	110 W SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0975	111 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1205	113-115 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1030	115-119 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1250	116-118 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1176	119 MADISON AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0976	119 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1206	119 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1243	12-22 PARSONS DR (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1021	120 E BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1132	120 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1251	120 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1031	120-122 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1032	121 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009



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Site Number:	Site Name	Eligibility Status	Agency	Date
24MO0977	122 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
24MO0978	123 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1109	123-125 W FRONT ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1207	123-127 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1318	123-127 W SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1182	123-137 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1133	124 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1252	124 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0979	125 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1157	125-129 JEFFERSON ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1319	126 W SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1134	127 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0980	127 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0981	128 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1208	128 W MAIN ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0982	129 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1110	129 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1135	129-133 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1158	130 JEFFERSON ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1033	130 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009





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## Project, Eligibility, & Effect Eligibility District Report

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Report Date:

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Site Number:	Site Name	Eligibility Status	Agency	Date
24MO1111	130 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1253	130 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1136	130-132 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1209	131 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1210	133-135 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1112	134 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1034	136-138 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1113	137 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1211	137-139 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1183	139 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1114	139 W FRONT ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1137	140 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO0341	141-147 W MAIN ST (MISSOULA DOWNTOWN HD))	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1115	145 W FRONT ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1249	150 E PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1275	150 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1254	199 W PINE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO0957	200 ADAMS ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/0009
			Easements	
24MO1255	200 W PINE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1265	200-300 RAILROAD ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	



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### MISSOULA DOWNTOWN HISTORIC DISTRICT

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24MO1022	201 E BROADWAY ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1184	201 E MAIN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1244	201 S PATTEE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1035	201 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1212	201 W MAIN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1185	202 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1320	202 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1276	204 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0983	206 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1321	208 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1277	209 E SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1270	209-217 RYMAN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1186	210 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0963	211 1/2 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/0009
24MO0962	211 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/0009
24MO1036	211 W BROADWAY ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1116	211-215 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1278	212 E SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1322	212 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1187	213-215 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009



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Site Number:	Site Name	Eligibility Status	Agency	Date
24MO1188	214-216 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0964	215 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/0009
24MO1037	215 W BROADWAY ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1138	217-227 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1044	218 E FRONT ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1189	218 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1279	218 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1213	218 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0965	219 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/0009
24MO1190	219 E MAIN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0306	220 (200) W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0958	220 ADAMS ST/541 E BROADWAY ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/0009
24MO0967	221 1/2 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0966	221 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/0009
24MO1038	221, 223 W BROADWAY ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1117	221-223 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1191	221-229 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0984	223 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1280	224 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0959	225 ADAMS ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/0009



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24MO1039	225 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1118	225-231 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1214	227 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1281	228 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1139	228 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1215	228 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0969	229 1/2 E ALDER ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0968	229 E ALDER ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1216	229-233 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1217	230 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1218	232 W MAIN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1219	235 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1045	235-237 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1282	236 E SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0970	237 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1283	240 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1220	241 W MAIN ST & 234 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0971	245 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1119	245 W FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1221	245 W MAIN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009



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24MO1140	248 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1120	249 W FRONT ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1121	259 W FRONT ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1223	275 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1046	280 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1047	294-298 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1237	3 PARSONS DR (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1023	300 E BROADWAY ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1192	300 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1161	300 KIWANIS PARK LN (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1224	300 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1256	300-308 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0972	301 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1024	301 E BROADWAY ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1048	301 E FRONT ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1193	301 E MAIN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1162	301 KIWANIS PARK LN (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1141	301 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0985	301 W ALDER ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1040	301 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009



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24MO1323	301 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1245	301-319 N PATTEE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1284	302 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0973	303 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1165	304 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1142	304-306 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0974	305 E ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1266	307, 311 RAILROAD ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1143	307-319 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1285	309 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1286	310 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1163	310 KIWANIS PARK LN (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1144	310 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0986	310 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1324	310 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1287	311 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1325	311 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1355	311 WOODY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1326	313-315 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1166	313-327 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009



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24MO1288	315 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1257	315 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1289	316 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1167	316 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1290	317 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1327	317 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1356	317 WOODY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1168	318 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1291	319 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1258	319 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1194	320 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1164	320 KIWANIS PARK LN (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1041	320 W BROADWAY ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1043	320-326 CLAY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1328	321 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1145	321-325 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1169	322 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1146	322 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0987	322 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1329	322 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009



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24MO0988	323 W ALDER ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
24MO1259	323 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1292	324 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0989	324 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1330	324-328 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1049	325 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1331	325 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1293	326-332 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1025	327 E BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1260	327 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1195	328 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1170	328 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1050	329 E FRONT ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1332	329 W SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1357	329 WOODY ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1171	329-331 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1147	329-333 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1196	330 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1026	331 E BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1267	331 RAILROAD ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009





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24MO1027	332 E BROADWAY ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1172	332 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1086	333 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1173	333 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0990	334 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1333	335 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1174	335-337 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1334	336 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0991	336, 338 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1175	336-338 LEVASSEUR ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1028	337 E BROADWAY ST (MISSOULA DOWNTOWN HISTORIC DISTRICT)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1148	337 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1029	338 E BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1294	338 E SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1042	339 W BROADWAY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1225	340 W MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1261	340 W PINE ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1262	341 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1271	400 RYMAN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0941	400, 430 WEST PINE, 421, 435 WEST SPRUCE	NR Listed	Public/Private/Other	10/01/2004



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24MO1087	401 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
24MO1295	401 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1268	401 RAILROAD ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1088	402 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1149	403 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1296	404 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0992	404 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1297	405 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0993	405 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1089	407 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1197	407 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1090	409 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1335	410 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO0994	411 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1091	412 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1298	412 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1299	413 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1092	415 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1198	415 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1150	415 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009



# State Historic Preservation Office

## Project, Eligibility, & Effect Eligibility District Report

### MISSOULA DOWNTOWN HISTORIC DISTRICT

Report Date:

03/29/2013

Site Number:	Site Name	Eligibility Status	Agency	Date
24MO0995	415 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1122	416 HARTMAN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1300	417 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1301	418 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1336	418 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1177	419 MADISON AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1096	420 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1123	420 HARTMAN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1151	420 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1097	421 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1302	421 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0996	421 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1178	422 MADISON AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0997	422 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1337	422 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1199	423 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1124	424 HARTMAN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1179	424 MADISON AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1303	425 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1180	425 MADISON AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009



# State Historic Preservation Office

## Project, Eligibility, & Effect Eligibility District Report

### MISSOULA DOWNTOWN HISTORIC DISTRICT

Report Date:  
03/29/2013

Site Number:	Site Name	Eligibility Status	Agency	Date
24MO0998	426 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1264	427-429 W PINE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1098	427-529 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1159	428 JEFFERSON ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1305	429 1/2 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1304	429 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1181	429 MADISON AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1126	430 1/2 HARTMAN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1306	430 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1125	430 HARTMAN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1272	430 RYMAN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO0999	430 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1353	430-438 WASHINGTON ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO0960	431 ADAMS ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/0009
			Easements	
24MO1000	431 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1338	432 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1006	433-435 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1152	434 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1273	435 RYMAN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	
24MO1160	438 JEFFERSON ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation	08/21/2009
			Easements	



# State Historic Preservation Office

## Project, Eligibility, & Effect Eligibility District Report

### MISSOULA DOWNTOWN HISTORIC DISTRICT

Report Date:  
03/29/2013

Site Number:	Site Name	Eligibility Status	Agency	Date
24MO1339	438 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1307	440 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1007	442 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1340	442 W SPRUCE ST (& 510 OWEN ST) (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1008	444 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1009	445 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1238	5 PARSONS DR (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1308	500 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1127	500 HARTMAN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1153	500 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1099	500-514 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1154	501 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1010	502 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1341	502 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1354	502 WASHINGTON ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1100	503 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1345	505 TOOLE AVE (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1011	506 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1012	507 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1013	508 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009



# State Historic Preservation Office

## Project, Eligibility, & Effect Eligibility District Report

### MISSOULA DOWNTOWN HISTORIC DISTRICT

Report Date:  
03/29/2013

Site Number:	Site Name	Eligibility Status	Agency	Date
24MO1346	509 TOOLE AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
24MO1014	509 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1309	510 E SPRUCE ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1015	510 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1342	510 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1310	511 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1016	512 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1347	513 TOOLE AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1017	514 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1343	514 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1129	515 1/2 HARTMAN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1128	515 HARTMAN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1101	516 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1018	516 W ALDER ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1344	516 W SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1200	517 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1311	517 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1229	517 N ORANGE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1348	517 TOOLE AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1019	518 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009



# State Historic Preservation Office

## Project, Eligibility, & Effect Eligibility District Report

### MISSOULA DOWNTOWN HISTORIC DISTRICT

Report Date:  
03/29/2013

Site Number:	Site Name	Eligibility Status	Agency	Date
24MO1102	519 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
24MO1103	520 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1130	520 HARTMAN ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1246	520 N PATTEE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1020	520 W ALDER ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1312	521 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1131	521 HARTMAN ST #1-10	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1230	521 N ORANGE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1349	521 TOOLE AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1350	523 TOOLE AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1104	523-525 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1155	523-531 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1247	524 N PATTEE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1313	525 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1351	525 TOOLE AVE (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1201	527 E MAIN ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1105	527-529 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1106	528 E FRONT ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1231	530 N ORANGE ST (MISSOULA DOWNTOWN HD)	Ineligible	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1248	532 N PATTEE ST (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009



# State Historic Preservation Office

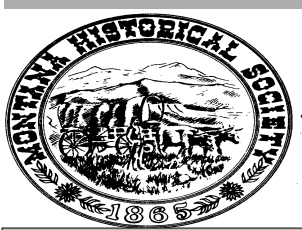
## Project, Eligibility, & Effect Eligibility District Report

### MISSOULA DOWNTOWN HISTORIC DISTRICT

Report Date:  
03/29/2013

Site Number:	Site Name	Eligibility Status	Agency	Date
24MO1202	533-535 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1107	534 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1156	534 N HIGGINS AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO0961	535 ADAMS ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/0009
24MO1108	535 E FRONT ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1274	535 RYMAN ST (MISSOULA DOWNTOWN HD)	Ineligible	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1203	537 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1204	541 E MAIN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1226	601 MCCORMICK ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1227	602 MCCORMICK ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1358	603 WOODY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1228	606 MCCORMICK ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1359	610-612 WOODY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1314	625 E SPRUCE ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1360	629 WOODY ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1232	631 OWEN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1233	633 OWEN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1234	635 OWEN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1235	637 OWEN ST (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009
24MO1239	7 PARSONS DR (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation Easements	08/21/2009





# State Historic Preservation Office

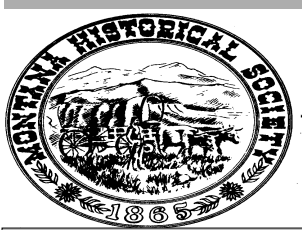
## Project, Eligibility, & Effect Eligibility District Report

### MISSOULA DOWNTOWN HISTORIC DISTRICT

Report Date:

03/29/2013

Site Number:	Site Name	Eligibility Status	Agency	Date
24MO1352	708 TOOLE AVE (MISSOULA DOWNTOWN HD)	NR Listed	CLG/Local Planning/Conservation	08/21/2009
24MO1240	9 PARSONS DR (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1222	KIWANIS PARK (MISSOULA DOWNTOWN HD)	NR Listed	Easements CLG/Local Planning/Conservation	08/21/2009
24MO1564	MISSOULA DOWNTOWN HISTORIC DISTRICT	NR Listed	Easements Public/Private/Other	08/21/2009
24MO1564	MISSOULA DOWNTOWN HISTORIC DISTRICT ADDENDUM	NR Listed	Public/Private/Other	02/07/2011



# State Historic Preservation Office

## Project, Eligibility, & Effect Eligibility District Report

MISSOULA SOUTHSIDE HISTORIC DISTRICT

Report Date:  
03/29/2013

Site Number:	Site Name	Eligibility Status	Agency	Date
24MO0355	MISSOULA SOUTHSIDE HISTORIC DISTRICT	NR Listed	Public/Private/Other	03/22/1991

**MISSOULA'S UNIVERSITY HISTORIC DISTRICT  
BUILDING AND PHOTOGRAPH LIST**

P=Primary  
C=Contributing  
NC=Non-Contributing  
\*=Previously Listed on the National Register

Address	Type	Style	Built	C/NC*
125-125 ½ S. 4 <sup>th</sup> E.	Apartments Rear apartment Shed	Colonial Revival Side Gable Side Gable	c.1908 c.1908 c.1908	C NC NC
135 S. 4 <sup>th</sup> E.	Residence Garage	Tudor Gable & Wing	c.1923 c.1923	C C
211-215 S. 4 <sup>th</sup> E.	Triplex Garage	Cross Gable Flat	Moved 86 c.1930	NC C
217-221 S. 4 <sup>th</sup> E.	Apartments Shed Residence	Hipped ½ Gabled Craftsman	c.1908 c.1908 c.1908	C NC NC
227 S. 4 <sup>th</sup> E.	Apartments	Colonial revival	c.1908	C
231 S. 4 <sup>th</sup> E.	Apartments	Colonial revival	c.1908	C
233 S. 4 <sup>th</sup> E.	Apartments	Hipped	c.1908	C
305 S. 4 <sup>th</sup> E.	Commercial Shed	Shed Front Gable	c.1908 c.1950	NC NC
315 S. 4 <sup>th</sup> E.	Commercial Shed	Flat ½ Gabled	c.1908 c.1980	C NC
103 S. 5 <sup>th</sup> E.	Professional	Queen Anne	c.1910	C
119 S. 5 <sup>th</sup> E.	Professional Garage	Spanish Eclectic Mission style	c.1903/04 c.1903/04	C C
123 S. 5 <sup>th</sup> E.	Residence Garage	Craftsman Hipped	c.1929 c.1929	C C
124-126 S. 5 <sup>th</sup> E.	Residence Garage/apartment	Hipped Hipped	c.1920 c.1920	NC NC
128 S. 5 <sup>th</sup> E.	Residence Garage	Parallel Gable Front Gable	c.1900 c.1900	C C
129-129 ½ S. 5 <sup>th</sup> E.	Residence Shed	Gable & Wing Flat	c.1909 c.1909	C C
140 S. 5 <sup>th</sup> E.	Residence	Bungalow	c.1896	C
133-143 S. 5 <sup>th</sup> E.	Apartments	Flat	c.1909	C
205 S. 5 <sup>th</sup> E.	Residence	Queen Anne	c.1898	C
206-208 S. 5 <sup>th</sup> E.	Apartments Shed	Queen Anne Flat	c.1898 c.1980	C NC
212 S. 5 <sup>th</sup> E.	Residence Garage/Apartment	Queen Anne Tudor/front gable	c.1903/04 c.1903/04	C C
215 S. 5 <sup>th</sup> E.	Residence Garage	Queen Anne Side Gable	c.1903/04 c.1903/04	C C

220-226 S. 5 <sup>th</sup> E.	Apartments Shed Shed	Flat Flat Flat	c.1917 c.1917 c.1917	C C C
223-227 S. 5 <sup>th</sup> E. (223A&B,225,227)	Apartments Apartment Apartment	Queen Anne Gable & Wing Side Gable	c.1902 c.1902 c.1902	C C C
231 S. 5 <sup>th</sup> E.	Residence	Queen Anne	1891	P
232 S. 5 <sup>th</sup> E.	Residence	Queen Anne	1909	NC
238-242 S. 5 <sup>th</sup> E.	Apartments	Queen Anne	c.1910	C
241 S. 5 <sup>th</sup> E.	Apartment	Queen Anne	C.1908	NC
301 S. 5 <sup>th</sup> E.	Apartments	Flat	c.1960	NC
304 S. 5 <sup>th</sup> E.	Residence	Prairie	1902	C
312 S. 5 <sup>th</sup> E.	Residence Garage	Queen Anne Front Gable	c.1903/04 c.1903/04	P C
317 S. 5 <sup>th</sup> E.	Residence	Queen Anne	c.1900	NC
318 S. 5 <sup>th</sup> E.	Residence	Queen Anne	1902	C
321 S. 5 <sup>th</sup> E.	Residence Shed	Queen Anne Flat	c.1903/04 c.1903/04	C NC
326 S. 5 <sup>th</sup> E.	Residence Garage	Craftsman Front Gable	c.1903/04 c.1903/04	C C
329 S. 5 <sup>th</sup> E.	Duplex	Hipped	c.1900	NC
333 S. 5 <sup>th</sup> E.	Residence Garage	Craftsman Front Gable	c.1920 c.1920	C NC
336 S. 5 <sup>th</sup> E.	Apartments Garage	Flat Flat	c.1905 c.1905	NC NC
339 S. 5 <sup>th</sup> E.	Residence Shed	Cross-Gable Front Gable	c.1912 c.1912	C C
402-402 ½ S. 5 <sup>th</sup> E.	Residence Rear Apartment	Hipped Flat	c.1905 c.1920	NC C
407-407 ½ S. 5 <sup>th</sup> E.	Residence Garage	Gable & Wing Hipped	c.1940 c.1950	C NC
409 S. 5 <sup>th</sup> E.	Apartments Garage	Craftsman Front Gable	c.1920 c.1920	C C
425 S. 5 <sup>th</sup> E.	Apartments Garage	Side Gable Front Gable	c.1955 c.1960	NC NC
429 S. 5 <sup>th</sup> E.	Residence	Craftsman	c.1920	C
430 S. 5 <sup>th</sup> E.	Apartments	Flat	1974	NC
438 S. 5 <sup>th</sup> E.	Residence	Craftsman	c.1920	NC
440 S. 5 <sup>th</sup> E.	Residence Garage	Craftsman Flat	c.1925 c.1925	C NC
441 S. 5 <sup>th</sup> E.	Apartments	Craftsman	c.1914	C
500 S. 5 <sup>th</sup> E.	Residence Garage	Craftsman Front Gable	c.1924 c.1924	C C
503 S. 5 <sup>th</sup> E.	Residence Garage	Front Gable Front Gable	c.1918 c.1918	C C
509 S. 5 <sup>th</sup> E.	Apartments Garage	Craftsman Side Gable	C.1914 c.1914	C C
510 S. 5 <sup>th</sup> E.	Residence	Craftsman	c.1928	C

	Garage	Front Gable	c.1928	C
516 S. 5 <sup>th</sup> E.	Residence Shed	Craftsman Front Gable	c.1924 c.1924	C NC
517 S. 5 <sup>th</sup> E.	Apartments Garage	Bungalow Flat	c.1919 c.1960	C NC
520 S. 5 <sup>th</sup> E.	Apartments	Craftsman	c.1921	NC
524 S. 5 <sup>th</sup> E.	Residence	Side Gable	c.1921	NC
525 S. 5 <sup>th</sup> E.	Apartments	Gable	c.1964	NC
529 S. 5 <sup>th</sup> E.	Residence Garage	Craftsman Front Gable	c.1910 c.1910	C C
530 S. 5 <sup>th</sup> E.	Residence Shed	Queen Anne Front Gable	c.1924 c.1924	C C
130 S. 6 <sup>th</sup> E.	Episcopal Church of the Holy Spirit	Front Gable	c.1915	C
218 S. 6 <sup>th</sup> E.	Residence w/apartment Garage	Queen Anne Side Gable	c.1910 c.1910	C C
226 S. 6 <sup>th</sup> E.	Residence Garage	Queen Anne Cross Gable	c.1908 c.1908	C C
231-241 S. 6 <sup>th</sup> E.	Apartments	Cross Gable	c.1908	C
232 S. 6 <sup>th</sup> E.	Residence Garage	Queen Anne Side Gable	c.1912 c.1912	NC C
238 S. 6 <sup>th</sup> E.	Residence Garage	Queen Anne Front Gable	c.1928 c.1928	C C
302 S. 6 <sup>th</sup> E.	Apartment	Front Gabled	c.1910	NC
308 S. 6 <sup>th</sup> E.	Apartments	Queen Anne	c.1910	C
311 S. 6 <sup>th</sup> E.	Duplex	Colonial Revival	c.1910	C
317 S. 6 <sup>th</sup> E.	Duplex Garage	Craftsman Hipped	c.1910 c.1910	C C
316-318 S. 6 <sup>th</sup> E.	Apartments Apartment	Gable on Hip Cross Gable	c.1900 c.1900	C C
320-326 S. 6 <sup>th</sup> E.	Apartments	Georgian Revival	c.1910	C
328-334 S. 6 <sup>th</sup> E.	Apartments	Hipped	c.1910	C
338-340 S. 6 <sup>th</sup> E.	Duplex	Queen Anne	c.1910	C
402 S. 6 <sup>th</sup> E.	Apartments Shed	Colonial Revival Front Gable	c.1910 c.1910	C C
405-407 S. 6 <sup>th</sup> E.	Duplex Garage	Colonial Revival Gable & Wing	c.1910 c.1910	C C
408 S. 6 <sup>th</sup> E.	Residence Shed	Craftsman Gambrel	c.1915 c.1915	C NC
415 S. 6 <sup>th</sup> E.	Residence	Craftsman	c.1928	C
416 S. 6 <sup>th</sup> E.	Residence Garage	Side Gable Side Gable	c.1935 c.1935	C C
417 S. 6 <sup>th</sup> E.	Residence Garage	Craftsman Gable	c.1927 c.1927	C C
426 S. 6 <sup>th</sup> E.	Residence Garage	Cross Gable Front Gable	c.1938 c.1938	C C
430-430 1/2 S. 6 <sup>th</sup> E.	Residence	Colonial Revival	c.1910	C

	Garage	Front Gable	c.1910	C
433 S. 6 <sup>th</sup> E.	Residence Garage	Side Gable Front Gable	c.1908 c.1908	C C
435 S. 6 <sup>th</sup> E.	Residence Shed	Colonial Revival Modern	c.1920 c.1990	C NC
438 S. 6 <sup>th</sup> E.	Residence Garage	Colonial Revival Front Gable	c.1925 c.1920	C C
441 S. 6 <sup>th</sup> E.	Residence Shed	Side Gable Front Gable	c.1928 c.1928	C NC
502 S. 6 <sup>th</sup> E.	Residence Shed	Craftsman Front Gable	c.1929 c.1929	C NC
503 S. 6 <sup>th</sup> E.	Residence Garage	Craftsman Front Gable	c.1925 c.1925	C C
505 S. 6 <sup>th</sup> E.	Residence Garage	Craftsman Front Gable	c.1925 c.1925	C C
510 S. 6 <sup>th</sup> E.	Residence Garage	Craftsman Front Gable	c.1915 c.1915	C C
517-517 1/2 S. 6 <sup>th</sup> E.	Residence	Modern	c.1925	NC
518 S. 6 <sup>th</sup> E.	Residence Garage	Craftsman Front Gable	c.1932 c.1932	C C
524 S. 6 <sup>th</sup> E.	Residence Garage	Hipped Front Gable	c.1925 c.1925	C C
525 S. 6 <sup>th</sup> E.	Residence	Craftsman	c.1927	C
529 S. 6 <sup>th</sup> E.	Residence	Craftsman	c.1924	C
532 S. 6 <sup>th</sup> E.	Residence	Side Gable	c.1932	C
533 S. 6 <sup>th</sup> E.	Residence	Craftsman	c.1922	C
540 S. 6 <sup>th</sup> E.	Residence Garage	Craftsman Flat	c.1932 c.1932	C NC
543 S. 6 <sup>th</sup> E.	Residence	Craftsman	c.1937	C
200 Eddy	Modern Brick Apartment	Flat roof	c.1964	NC
201-263 Eddy Ave.	Apartments	Brick	c.1965	NC
228 Eddy Ave.	Apartments Garage	Front Gable Front Gable	c.1912 c.1912	NC C
236 Eddy Ave.	Apartments Garage	Queen Anne	c.1910 c.1910	C
309-312 Eddy Ave.	Residence Garage	Brick/Tudor Tudor	c.1927 c.1927	C C
323-325 Eddy Ave.	Apartments Garage	Craftsman Front Gable	c.1930 c.1930	C C
330 Eddy Ave.	Residence	Side Gable	c.1940	NC
333-335 Eddy Ave.	Duplex Garage	Side Gable Front Gable	c.1934 c.1934	C C
341 Eddy Ave.	Residence Garage	Craftsman Front Gable	c.1910 c.1910	C C
342 Eddy Ave.	Residence Garage	Queen Anne Front Gable	c.1900 c.1900	P C
402 Eddy Ave.	Residence	Shingle	c.1921	C

	Garage	Front Gable	c.1921	C
403-403 ½ Eddy Ave.	Apartments/904-06 Hilda Shed	Prairie Hipped	c.1909 c.1909	C C
412 Eddy Ave.	Residence Garage	Craftsman/ Bungalow	c.1926 c.1926	C NC
413 Eddy Ave.	Apartments Garage	Prairie Side Gable	c.1920 c.1920	NC C
414 Eddy Ave.	Residence Garage	Tudor Brick Front Gable	c.1932 c.1932	C C
419-419 ½ Eddy Ave.	Apartments Garage	Tudor Front Gable	c.1916 c.1916	C C
424 Eddy Ave.	Residence Garage	Craftsman Front Gable	c.1927 c.1927	C C
425 Eddy Ave.	Residence Garage	Tudor Front Gable	c.1932 c.1932	C C
432 Eddy Ave.	Residence	Colonial Revival	c.1920	C
435 Eddy Ave.	Residence Shed	Tudor Front Gable	c.1920 c.1920	C C
437-439 Eddy Ave.	Apartments Garage	Craftsman Front Gable	c.1910 c.1910	NC C
440 Eddy Ave.	Residence Shed	Tudor Gambrel	c.1938 c.1938	C NC
500 Eddy Ave.	Residence Garage	Hipped Front Gable	c.1922 c.1922	C C
501 Eddy Ave.	Residence Garage	Craftsman Hipped	1925 c.1925	C C
504 Eddy Ave.	Apartments Garage	Colonial Revival Side Gable	1921 c.1925	C C
506 Eddy Ave.	Apartments Garage	Colonial Revival Front Gable	1921 c.1925	C C
511 Eddy Ave.	Apartments	Colonial Revival	1923	C
521 Eddy Ave.	Apartments Garage	Craftsman/Bungalow Hipped	c.1918 c.1918	C C
527 Eddy Ave.	Apartments Garage	Craftsman Front Gable	1926 c.1926	NC C
533 Eddy Ave.	Apartments	Craftsman	c.1925	NC
534 Eddy Ave.	Apartments Shed	Craftsman Hipped	1920 c.1920	C C
538 Eddy Ave.	Residence Garage	Craftsman Front Gable	c.1920 c.1920	NC C
541 Eddy Ave.	Apartments Garage Garage	Craftsman Front Gable Front Gable	c.1928 c.1928 c.1928	NC C C
542 Eddy Ave.	Residence Garage	Brick Craftsman Hipped	c.1915 c.1915	C C
105 Connell Ave.	Residence Garage	Shingle Front Gable	c.1932 c.1932	C C

200 Connell Ave.	Apartments	Flat	c.1966	NC
227 Connell Ave.	Apartments Carriage House	French Eclectic Side Gable	c.1940 c.1940	C C
245 Connell Ave.	Residence Garage	Gambrel Side Gable	c.1938 c.1938	C C
300 Connell Ave.	Residence	Tudor	c.1921	C
305 Connell Ave.	Apartments Garage Apartment	Craftsman Front Gable Hipped	c.1914 c.1998 c.1914	C C C
314 Connell Ave.	Residence Garage	Craftsman Front Gable	c.1903 c.1903	C C
315 Connell Ave.	Residence	Craftsman	c.1935	C
329 Connell Ave.	Residence Garage	Craftsman Front Gable	c.1912 c.1912	C NC
330 Connell Ave.	Residence Garage	Colonial Revival Front Gable	c.1914 c.1914	C C
333 Connell Ave.	Residence Carriage House	Craftsman Front Gable	c.1928 c.1928	C C
336 Connell Ave.	Apartments Garage	Colonial Revival Front Gable	c.1906 c.1906	C C
345 Connell Ave.	Residence Garage	Side Gable Front Gable	c.1925 c.1925	C C
400 Connell Ave.	Apartments/902- 938 Hilda Garage	Craftsman Side Gable	c.1920 c.1920	C C
403 Connell Ave.	Residence Garage	Craftsman Front Gable	c.1915 c.1915	C C
408 Connell Ave.	Residence Garage	Craftsman Front Gable	c.1912 c.1912	C NC
415 Connell Ave.	Residence Garage	Craftsman Front Gable	c.1910 c.1910	C C
416 Connell Ave.	Residence Garage	Side Gable Flat	c.1912 c.1912	C NC
419-421 Connell Ave.	Residence Apartment/Rear residence	Craftsman Side Gable	c.1920 c.1920	C C
424 Connell Ave.	Residence Garage	Craftsman Front Gable	c.1920 c.1920	C NC
425 Connell Ave.	Residence Garage	Craftsman Front Gable	c.1915 c.1915	C C
430-432 Connell Ave.	Residence/duplex Garage	Craftsman Flat	c.1920 c.1920	C NC
437 Connell Ave.	Residence Garage	Craftsman Flat	c.1914 c.1914	C C
439 Connell Ave.	Residence Garage	Craftsman Front Gable	c.1918 c.1918	C C
440 Connell Ave.	Residence	Hip Roof	c.1921	C
502 Connell Ave.	Residence Garage/Apartment	Craftsman Front Gable	c.1920 c.1920	C C
503 Connell Ave.	Residence	Side Gable	c.1930	C



	Garage/workshop	Front Gable	c.1930	C
509 Connell Ave.	Residence Garage	Cross Gable Front Gable	c.1930 c.1930	C C
517 Connell Ave.	Residence Carriage House	Cross Gable Front Gable	c.1929 c.1929	C C
525 Connell Ave.	Residence	Craftsman	c.1924	C
526 Connell Ave.	Residence Shed	Hipped Front Gable	c.1921 c.1921	C NC
530 Connell Ave.	Duplex Garage	Craftsman – brick Front Gable	c.1938 c.1938	C C
533 Connell Ave.	Group home Garage	Craftsman Front Gable	c.1920 c.1920	C C
535 Connell Ave.	Residence	Front Gable	1977	NC
536-540 Connell Ave.	Duplex Garage	Craftsman Side Gable	c.1921 c.1921	C C
100-106 Daly Ave.	Residence Carriage House	Cross Gable Flat	c.1908 c.1908	C C
119 Daly Ave.	Residence	Colonial Revival	c.1920	C
220 Daly Ave.	Fraternity	Modern	1971	NC
240 Daly Ave.	Residence Garage	Colonial Revival Side Gable	c.1930 c.1930	C C
304 Daly Ave.	Residence Garage	Cross Gable Front Gable	c.1920 c.1920	C C
310 Daly Ave.	Residence Shed	Hipped Front Gable	c.1910 c.1910	NC NC
315 Daly Ave.	Residence Garage	Craftsman – brick Flat	c.1921 c.1921	C NC
316-318 Daly Ave.	Duplex Shed	Front Gable Side Gable	c.1910 c.1910	C C
321 Daly Ave.	Residence Garage	Craftsman Hipped	c.1910 c.1910	C C
324-324 ½ Daly Ave.	Residence	Front Gable	1910	C
325 Daly Ave.	Residence Garage	Craftsman Hipped	c.1921 c.1921	C C
330 Daly Ave.	Residence Shed	Craftsman Front Gable	c.1920 c.1920	C C
333 Daly Ave.	Residence Garage	Craftsman Front Gable	c.1923 c.1923	C C
340 Daly Ave.	Residence Shed	Hipped Front Gable	c.1920 c.1920	C NC
345 Daly Ave.	Residence	Craftsman	c.1940	C
400 Daly Ave.	Residence Garage	Colonial Revival Front Gable	1910 c.1910	C C
401 Daly Ave.	Residence	Spanish Eclectic	c.1932	C
408 Daly Ave.	Residence Garage	Flat Flat	c.1926 c.1926	C C
413 Daly Ave.	Residence	Hipped	c.1918	C

	Garage	Front Gable	c.1918	NC
418 Daly Ave.	Residence Garage	Hipped Front Gable	c.1922 c.1922	C C
421 Daly Ave.	Apartments	Flat - brick	c.1933	C
422 Daly Ave.	Residence Garage	Cross Gable Flat	c.1926 c.1926	NC C
429 Daly Ave.	Residence Garage	Craftsman Front Gable	c.1926 c.1926	C C
431 Daly Ave.	Apartments	Craftsman	c.1921	C
436-440 Daly Ave.	Apartments Garage	Cross Gable Flat	c.1938 c.1938	C C
441 Daly Ave.	Residence Garage	Craftsman Front Gable	c.1920 c.1920	C C
500 Daly Ave.	Residence/professional Garage Shed	Craftsman Hipped Gambrel	c.1915 c.1915 c.1980	C C NC
501 Daly Ave.	Residence Garage	Craftsman Front Gable	c.1922 c.1922	C C
508 Daly Ave.	Residence Garage	Craftsman Front Gable	c.1922 c.1922	C C
509 Daly Ave.	Residence Garage	Craftsman Side Gable	c.1922 c.1922	C C
514 Daly Ave.	Residence Garage	Craftsman Front Gable	c.1920 c.1920	C C
519 Daly Ave.	Residence Garage	Craftsman Flat	c.1922 c.1922	C NC
520 Daly Ave.	Residence Garage	Craftsman Front Gable	c.1930 c.1930	NC C
521 Daly Ave.	Residence Garage	Craftsman Front Gable	c.1920 c.1920	C NC
528 Daly Ave.	Residence Garage	Side Gable Front Gable	c.1925 c.1925	C C
537-539 Daly Ave.	Residence Apartment/garage	Hipped Hipped	c.1952 c.1955	NC NC
540 Daly Ave.	Commercial/deli	Hipped	c.1924	C
105 University	Residence Garage	Hipped Hipped	c.1910 c.1910	C C
112 University	Residence Garage Shed	Prairie Hipped Gambrel	c.1938 c.1938 c.1980	C C NC
115 University	Residence Garage	Bungalow Hipped	c.1928 c.1928	C C
124 University	Residence Garage	Front Gable Front Gable	c.1920 c.1920	C NC
125 University	Residence Shed	Hipped Gambrel	c.1918 c.1918	C NC
132 University	Residence	Gambrel	c.1948	NC

	Garage	Side Gable	c.1948	NC
135 University	Residence Garage	Craftsman Front Gable	c.1912 c.1912	C C
140 University	Residence Garage	Cross Gable Front Gable	c.1912 c.1912	C C
201 University	Sorority	Colonial Revival	c.1942	C
216 University	Residence Apartment/Garage	Cross Gable Gambrel	c.1936 c.1936	C NC
219 University	Residence Garage	Colonial Revival Hipped	c.1918 c.1918	C C
220 University	Residence Garage	Side Gable Hipped	c.1928 c.1928	C C
225 University	Residence Garage	Craftsman Front Gable	1917 c.1917	C C
230 University	Duplex Garage Garage	Front Gable Hipped Arched false front	c.1930 c.1930 c.1950	C NC NC
233 University	Residence Shed	Craftsman Front Gable	c.1915 c.1915	C C
240 University	Residence Garage	Gabled Flat	1927 c.1927	C NC
241 University	Duplex Carport/Garage	Colonial Revival Front Gable	c.1920 c.1920	NC NC
300 University	Residence Shed	Side Gable Front Gable	c.1912 c.1912	C C
307 University	Residence Garage	Craftsman Front Gable	1906 c.1906	C C
314 University	Residence Garage	Colonial Revival Front Gable	c.1912 c.1912	C NC
319 University	Apartment Garage	Craftsman Side Gable	c.1910 c.1910	C C
322 University	Residence Garage	Craftsman Front Gable	c.1915 c.1915	NC C
325 University	Residence Garage	Craftsman ½ Gable	c.1921 c.1921	C NC
330 University	Residence Shed	Front Gable Front Gable	c.1908 c.1908	C C
333 University	Fraternity	Front Gable	c.1911	C
340 University	Residence Garage	Side Gable Front Gable	c.1912 c.1912	C C
341 University	Residence Garage	Craftsman Side Gable	c.1912 c.1912	C C
400 University	Residence Garage	Hipped Hipped	c.1920 c.1920	C C
405-425 University	Church Residence Garage Shed	Craftsman Front Gable Front Gable	c.1920 c.1930 c.1930 c.1970	C C C C

	Shed	Gambrel	c.1980	C
412 University	Residence Garage	Cross Gable/Brick Front Gable	c.1930 c.1930	C C
420 University	Residence Shed	Cross Gambrel Flat	c.1920 c.1920	C C
430 University	Residence Garage	Art Modern Flat	c.1925 c.1925	C C
435-437 University	Duplex Carriage House	Spanish Revival Mission Style/Stucco	c.1927 c.1927	C C
438 University	Residence Garage	Tudor Flat	c.1920 c.1920	C C
439-445 University	Apartments	Colonial Revival	c.1921	C
500 University	Fraternity	Modern/remodel	c.1960	NC
501 University	Sorority Shed	Colonial Front Gable	c.1930 c.1930	C NC
515 University	Residence Shed	Front Gable	c.1930 c.1930	C C
516 University	Sorority	Tudor	c.1920	C
517 University	Parish House Shed	Craftsman Flat	c.1930 c.1930	C C
521 University	Residence Garage	Bungalow Front Gable	c.1930 c.1930	C C
532 University	Church group home Garage	Hipped – stucco Hipped	c.1930 c.1930	C C
538 University	Church home	Hipped	c.1920	C
539 University	Residence Garage	Craftsman Front Gable	c.1915 c.1915	C C
101 McLeod	Residence Garage	Side Gable Front Gable	c.1942 c.1942	C C
102 McLeod	Fellowship house	Craftsman	c.1930	C
112 McLeod	Residence Garage	Craftsman Side Gable	c.1923 c.1923	C C
113 McLeod	Residence Garage	Side Gable Front Gable	c.1917 c.1917	C C
116 McLeod	Residence Garage	Side Gable Side Gable	c.1930 c.1930	C C
125 McLeod	Residence	Cross Gable	c.1921	C
126 McLeod	Residence Garage	Side Gable Front Gable	c.1922 c.1922	C C
218 McLeod	Residence Garage	Front Gable Side Gable	c.1960 c.1960	NC NC
230 McLeod	Residence Garage	Craftsman Front Gable	c.1920 c.1920	C C
233 McLeod	Residence	Side Gable	c.1986	NC
234 McLeod	Residence Garage	Hip-on-Gable Front Gable	c.1930 c.1930	C C
235 McLeod	Residence	Side Gable	c.1948	NC

238 McLeod	Residence	Side Gable	c.1930	C
243 McLeod	Residence Garage	Tudor Front Gable	c.1934 c.1934	C C
300 McLeod	Residence Garage	Side Gable Gable & Wing	c.1940 c.1940	C C
301 McLeod	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
309 McLeod	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
310 McLeod	Residence Garage	Craftsman Front Gable	c.1915 c.1915	C C
317 McLeod	Residence Garage	Craftsman Front Gable	c.1921 c.1921	NC C
318 McLeod	Residence Garage	Craftsman Front Gable	c.1925 c.1925	C C
327-329 McLeod	Duplex Garage/apartment	Hipped/brick Hipped	c.1970 c.1970	NC NC
328 McLeod	Residence	Craftsman	c.1915	C
330 McLeod	Residence Garage	Side Gable Side Gable	c.1926 c.1926	C C
331 McLeod	Residence	Craftsman	c.1921	C
335 McLeod	Residence Garage Shed	Craftsman Front Gable Side Gable	c.1921 c.1921 c.1921	C C C
340 McLeod	Residence	Craftsman	c.1930	C
400 McLeod	Residence	Craftsman	c.1930	C
401 McLeod	Residence Shed	Queen Anne Gambrel	c.1912 c.1912	P* NC
404 McLeod	Residence Garage	Craftsman Flat	c.1929 c.1929	C C
409 McLeod	Apartments Garage	Hipped Front Gable	c.1911 c.1911	NC C
415 McLeod	Residence	Colonial/Brick	c.1955	NC
420 McLeod	Residence Garage	Side Gable Front Gable	c.1920 c.1920	C C
426 McLeod	Residence Garage	Craftsman Front Gable	c.1930 c.1930	C C
433 McLeod	Residence	Craftsman	c.1913	C
434 McLeod	Residence Garage	Craftsman Front Gable	c.1930 c.1930	C C
435 McLeod	Residence Garage	Craftsman Side Gable	c.1948 c.1948	NC NC
510 McLeod	Residence Garage	Hipped Front Gable	c.1930 c.1930	NC C
515 McLeod	Church	Flat/Brick	c.1913	NC
524 McLeod	Residence Garage	Craftsman Front Gable	c.1920 c.1920	C C
525-527 McLeod	Residence	Craftsman	c.1929	C

	Garage Shed	Modern	c.1929 c.1990	C NC
530 McLeod	Residence Garage	Craftsman Side Gable	c.1920 c.1920	C C
541 McLeod	Residence Garage	Side Gable	c.1948 c.1948	NC NC
100 Keith	Residence Garage	Cross Gable ½ Gable	c.1942 c.1942	C C
101-101 ½ Keith	Residence Garage	Craftsman Front Gable	c.1944 c.1944	C C
227 Keith	Residence	Hipped	c.1927	NC
229 Keith	Residence Garage	Side Gable Front Gable	c.1929 c.1929	C C
230 Keith	Residence	Side Gable	c.1938	C
233 Keith	Residence Shed	Side Gable Front Gable	c.1927 c.1927	NC C
240 Keith	Residence Garage	Hipped Tudor/Brick	c.1931 c.1931	C C
241 Keith	Residence Garage	Craftsman Front Gable	c.1925 c.1925	C C
300 Keith	Residence Garage	Side Gambrel Stucco	c.1929 c.1929	C C
301 Keith	Residence	Tudor	c.1935	C
315 Keith	Residence Garage	Tudor Front Gable	c.1927 c.1927	C C
318 Keith	Residence Garage	Cross Gable Front Gable	c.1929 c.1929	C C
320 Keith	Residence Garage	Gambrel/Stucco Front Gable	c.1927 c.1927	C C
325 Keith	Residence Garage	Craftsman Front Gable	c.1922/23 c.1922	C C
341 Keith	Residence Garage Garage	Craftsman Front Gable Front Gable	c.1914 c.1914 c.1920	C C C
380 Keith	Residence Garage Garage	Craftsman Front Gable Front Gable	c.1922 c.1922 c.1930	C C C
401 Keith	Residence Garage	Cross Gable/Brick Front Gable	c.1921 c.1921	C C
404 Keith	Residence Garage	Craftsman Front Gable	c.1917 c.1917	C NC
408 Keith	Residence	Craftsman	c.1934	C
411 Keith	Residence Apartment	Side Gable/Stucco Flat	c.1921 c.1960	C NC
415 Keith	Residence Apartment	Side Gable Side Gable	c.1921 c.1970	C NC
420 Keith	Residence	Tudor	c.1970	C

432 Keith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
433 Keith	Residence Garage	Tudor Front Gable	c.1921 c.1921	C C
435 Keith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
436 Keith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
441 Keith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
500 Keith	Residence	Craftsman	c.1921	C
501 Keith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
512 Keith	Residence Shed	Craftsman Front Gable	c.1921 c.1921	C C
513 Keith	Residence Shed	Craftsman Front Gable	c.1921 c.1921	C C
520 Keith	Residence Shed	Craftsman Front Gable	c.1921 c.1921	C C
521 Keith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
525 Keith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
530 Keith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
533 Keith	Residence Garage	Tudor Front Gable	c.1921 c.1921	C C
535 Keith	Residence Garage Shed	Craftsman Flat Gambrel	c.1938 c.1938 c.1990	C C NC
123 Beckwith	Residence Garage	Craftsman Front Gable	c.1932 c.1932	C C
125 Beckwith	Residence Garage	Craftsman Front Gable	c.1943 c.1943	C C
145 Beckwith	Residence Garage	Cross Gable Front Gable	c.1940 c.1940	C C
201 Beckwith	Residence Garage	Tudor Front Gable	c.1933 c.1933	C C
217 Beckwith	Residence Garage	Craftsman Front Gable	c.1928 c.1928	NC NC
222 Beckwith	Residence Garage	Craftsman Front Gable	c.1933 c.1933	C NC
233 Beckwith	Residence Garage	Craftsman Front Gable	c.1929 c.1929	C C
234 Beckwith	Residence Garage	Craftsman Front Gable	c.1925 c.1925	C NC
235 Beckwith	Residence	Craftsman	c.1925	NC

	Garage	Front Gable	c.1925	C
241 Beckwith	Residence Garage	Craftsman Front Gable	c.1929 c.1929	C NC
242 Beckwith	Residence	Spanish Eclectic	c.1925	C
301 Beckwith	Residence Garage	Craftsman Front Gable	c.1932 c.1932	C C
302 Beckwith	Residence	Craftsman	c.1929	C
313 Beckwith	Residence	Cross Gable	c.1925	NC
318 Beckwith	Residence Garage	Craftsman Front Gable	c.1929 c.1929	NC NC
322 Beckwith	Residence Garage	Craftsman Front Gable	c.1929 c.1929	C C
323 Beckwith	Residence Garage	Craftsman Side Gable	c.1929 c.1929	C C
330 Beckwith	Residence Garage	Craftsman Side Gable	c.1922 c.1922	NC C
333 Beckwith	Residence Garage	Craftsman Side Gable	c.1925 c.1925	C C
339 Beckwith	Residence Garage	Craftsman Side Gable	c.1932 c.1932	C C
340 Beckwith	Residence Garage Shed	Side Gable Front Gable Front Gable	c.1939 c.1939 c.1939	C C C
401 Beckwith	Residence Garage	Craftsman Front Gable	c.1935 c.1935	C C
402 Beckwith	Residence Garage	Craftsman Front Gable	c.1917 c.1917	C C
410 Beckwith	Residence	Craftsman	c.1928	C
415 Beckwith	Residence Garage	Craftsman Side Gable	c.1930 c.1930	NC C
416 Beckwith	Residence Garage	Side Gable Flat	c.1934 c.1950	C NC
419 Beckwith	Residence Garage	Craftsman Front Gable	c.1927 c.1927	NC C
420 Beckwith	Residence Garage	Craftsman Side Gable	c.1912 c.1912	C C
427 Beckwith	Residence Garage	Craftsman Front Gable	c.1929 c.1929	NC C
434 Beckwith	Residence Garage	Craftsman Front Gable	c.1932 c.1932	C C
435 Beckwith	Residence Shed	Hipped Front Gable	c.1930 c.1980	C NC
439 Beckwith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	NC C
440 Beckwith	Residence Garage	Craftsman Hipped	c.1921 c.1921	C C
500 Beckwith	Residence Garage	Craftsman Side Gable	c.1921 c.1921	C C



505 Beckwith	Residence Garage	Side Gable Side Gable	c.1934 c.1934	C C
506 Beckwith	Residence Garage Shed	Cross Gable Front Gable Flat	c.1938 c.1938 c.1970	C C NC
510 Beckwith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	NC C
511 Beckwith	Residence Garage	Craftsman Side Gable	c.1921 c.1921	C C
514 Beckwith	Residence Garage	Craftsman Cross Gable	c.1921 c.1921	C C
517 Beckwith	Residence Shed	Craftsman Front Gable	c.1930 c.1930	NC C
525 Beckwith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
530 Beckwith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
533 Beckwith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
538 Beckwith	Residence Garage	Side Gable Hipped	c.1948 c.1948	NC NC
541 Beckwith	Residence Garage	Craftsman Front Gable	c.1921 c.1921	C C
604 Gerald	Residence Garage	Side Gable Front Gable	c.1930 c.1930	C C
605 Gerald	Residence	Side Gable	c.1930	C
606 Gerald	Residence	Colonial Revival	c.1912	C
612-616 Gerald	Apartments	Flat	c.1935	C
615 Gerald	Residence Garage	Craftsman Side Gable	c.1936 c.1936	C C
620 Gerald	Duplex	Hipped	c.1986	NC
625 Gerald	Residence	Bungalow	1932	C
635 Gerald	Residence	Bungalow	1932	C
724 Gerald	Residence Garage	Queen Anne Front Gable	c.1917 c.1917	NC NC
732 Gerald	Residence	Cottage	c.1901	C
802 Gerald	Residence Garage	Queen Anne Front Gable	c.1893 c.1893	C C
812 Gerald	Residence Garage	Queen Anne Front Gable	c.1892 c.1892	C C
820 Gerald	Residence Garage	Queen Anne Front Gable	c.1905 c.1905	C C
1005 Gerald	Sorority	Neo-Classical	c.1903	P
1006 Gerald	Fraternity Shed	Front Gable Front Gable	c.1920 c.1920	NC NC
1011 Gerald	Daycare center Shed	Hipped Front Gable	c.1908 c.1908	NC NC

1020 Gerald/220 Daly	Sorority Garage	Gable + Wing Gable + Wing	c.1972 c.1972	NC NC
1107 Gerald	Sorority	Flat	c.1947	NC
1110 Gerald	Fraternity Garage	Prairie Hipped	c.1910 c.1910	P C
1120 Gerald	Fraternity Shed	Dutch Colonial ½ Gable	c.1972 c.1980	NC NC
1205 Gerald	Residence	French Eclectic	c.1930	C
1231 Gerald	Residence Garage	Tudor Flat	c.1929 c.1929	C C
1232 Gerald	Residence Garage	Tudor Side Gable	c.1930 c.1930	C C
1305 Gerald	Residence	Italian Renaissance	c.1938	C
1310 Gerald	Apartments	Bungalow Tudor	c.1912	P
1325 Gerald	Residence Garage	Italian Renaissance Hipped	c.1928 c.1928	P C
1330 Gerald	Residence Garage	Prairie Side Gable	c.1916 c.1916	P C
1400 Gerald	Church	Hip Shingle	c.1921	NC
1401 Gerald	Residence Garage	Front Gable Front Gable	c.1921 c.1921	P C
1409 Gerald	Residence Garage	Craftsman Front Gable	c.1934 c.1934	C C
1434 Gerald	Residence Garage	Tudor Front Gable	c.1936 c.1936	C C
1435 Gerald	Residence Garage	Front Gable Front Gable	c.1934 c.1934	P C
617 Ronald	Residence	Hipped	c.1910	C
619 Ronald	Residence	Hipped	c.1910	C
705-707 Ronald	Apartments	Side Gable	1969	NC
802-812 Ronald	Apartments Garage	Craftsman Flat	c.1940 c.1940	C C
813-815 Ronald	Duplex Garage Garage	Craftsman Front Gable Side Gable	c.1908 c.1908 c.1908	C C C
820 Ronald	Residence Garage	Craftsman Front gable	c.1928 c.1928	C C
825 Ronald	Residence	Craftsman	c.1928	C
828 Ronald	Residence Garage	Queen Anne Hipped	c.1920 c.1920	C C
910 Ronald	Residence	Spanish Eclectic	c.1938	NC
951 Ronald	Apartments	Flat	1966	NC
1106 Ronald	Residence	Craftsman	c.1910	C
1110 Ronald	Residence	Craftsman	c.1915	C
1229 Ronald	Residence	Tudor	c.1930	C
1420 Ronald	Residence	Front Gable	c.1925	C

700 Hilda	Apartments Garage	Flat Hipped	1956 c.1960	NC NC
720 Hilda	Residence	Craftsman	1929	NC
805 Hilda	Residence Shed	Queen Anne Front Gable	c.1910 c.1910	C C
811-813 Hilda	Duplex Garage	Colonial Revival Side Gable	c.1912 c.1912	C C
816 Hilda	Residence Garage	Front Gable Hipped	c.1910 c.1910	C C
817 Hilda	Residence Shed	Queen Anne Front Gable	c.1910 c.1910	C C
820 Hilda	Residence Shed	Cross Gable Front Gable	c.1912 c.1912	C C
823 Hilda	Residence	Queen Anne	c.1912	C
1017 Hilda	Residence Garage	Side Gable Cross Gable	c.1921 c.1921	C C
1019 Hilda	Residence	Hipped	c.1938	NC
715 Helen	Residence Garage	Front Gable Front Gable	c.1938	NC C
921-923 Helen	Duplex Garage	Craftsman Front Gable	c.1925 c.1925	C C
1221-1223 Helen	Deli/bookstore/apartments	Brick Veneer	c.1920	NC
1227 Helen	Barber shop Shed	Side Gable Front Gable	c.1966 c.1970	NC NC
815 Arthur	Residence Shed	Craftsman Front Gable	1936 c.1936	NC C
821 Arthur	Residence Apartment	Craftsman Front Gable	1923 c.1930	C C
1023-1025 Arthur	Commercial/apartment	Hipped	c.1936	C
1101-1105 Arthur	Apartment/Garage	Hipped	c.1955	NC
1221 Arthur	Residence	Craftsman	c.1936	C
1327 Arthur	Apartments Garage	Spanish Eclectic Side Gable	1920 c.1920	C C
600 Higgins	Commercial	Flat	c.1926	NC
610-614 Higgins	Commercial	Brick	c.1929	NC
616-624 Higgins	Commercial	Flat	c.1917	NC
630 Higgins	Commercial	Brick	c.1952	NC
708 Higgins	Commercial	Brick, Flat	c.1942	NC
718 Higgins	Commercial	Stucco	c.1937	C
730-742 Higgins	Commercial/Apartments	Brick, Flat	c.1925	C
802 Higgins	Commercial	Shed Roof	c.1956	NC
812-814 Higgins	Commercial	Stucco, Flat	c.1956	NC
930 Higgins	School	Brick	c.1907	C
1104 Higgins	Church/church office	Brick	c.1927	C
1130 Higgins	Residence	Queen Anne	c.1895	C

1402 Higgins	Residence	Modern	c.1960	NC
1406 Higgins	Residence	Modern	c.1960	NC

- 781 Total buildings
- 451 MAIN buildings only, not outbuildings
- 330 Outbuildings
- 260 Contributing Outbuildings
- 357 Contributing MAIN buildings – Primary included
- 281 Contributing Residence's – Primary included
- 618 Total Contributing buildings
- 163 Noncontributing

**Breakdown:**

- 328 Residences
- 82 Apartments/Triplex/duplexs
- 11 Frats/sororities
- 5 Churches
- 17 Commercial buildings
- 1 School building
- 7 Church-related buildings

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# Appendix 4

CTEP Projects in Study Area

**UPN 5709****STPE 8199(68) Madison St Br Bike/Ped – Msla**

Scope of work: Construction of a bicycle/pedestrian bridge.

Location: Project is located below the existing Madison Street Bridge (P-7) in Missoula.

CTEP Participation: \$203,462.13

**UPN 6168****CM-STPE 8199(78) Madison St Bridge Trail – Msla**

Scope of Work: Design and construction of an 8-foot wide, 520 foot long gravel surfaced connector trail.

Location: Between River Front Trail and Fifth Street adjacent to the Madison Street Bridge in Missoula.

CTEP Participation: \$4,012.98