

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS

FISHERIES DIVISION
JOB PROGRESS REPORT

STATE: MONTANA

PROJECT NUMBER: F-46-R-5

JOB NUMBER: VI-a

PROJECT TITLE: STATEWIDE FISHERIES INVESTIGATIONS
STATE TITLE: STATEWIDE SURVEY AND INVENTORIES
JOB TITLE: STREAM PROTECTION COORDINATOR
PERIOD COVERED: JULY 1, 1991 TO JUNE 30, 1992

ABSTRACT

During the report period, 388 Notice of Construction applications were received and reviewed. Measures were requested to reduce or mitigate damage to streams and fish habitat.

Fish and wildlife information for environmental assessments was provided to the State Department of Transportation on request. Environmental impact assessments submitted for all state highway projects were reviewed and commented on as required.

Regional fisheries personnel reviewed 1109 project applications for 310 permits. Team inspections were conducted on 75% of these. One river mechanics training workshop was presented and attended by about 35 participants.

An engineering consultation services firm has been contracted to assist with hydraulic problems on projects that require special consideration.

OBJECTIVES

1. To coordinate administration of the Stream Protection Act (SPA) and the Natural Streambed and Land Preservation Act (310) to ensure the preservation of Montana streams in their natural, existing state.
2. To provide recommendations as provided by Sec. 404 of the Clean Water Act to avoid impacts to wetlands contiguous to streams or in project corridors.
3. To assist with interagency coordination with other state and federal agencies, agricultural, corporate and other private entities in an effort to promote stream habitat management.

Objective 3 was accomplished with state funding.

PROCEDURES

State, county, municipal and political subdivisions are required to provide SPA notices to the Department of Fish, Wildlife and Parks (DFWP) at least 60 days prior to construction for projects which may affect stream beds or stream banks. Irrigation district projects and emergencies are exempt from the act.

The Department provides notification forms to applicants for completion and return to the department. Plans are reviewed by Helena and regional staff to determine if any adverse impacts to fish or wildlife will occur. Recommendations are made to the applicant to eliminate or reduce any adverse impacts. The act provides for an arbitration procedure if a discrepancy arises and an agreement cannot be reached.

The regions continue to process SPA applications from miscellaneous and county categories. The Helena office will continue to process all Department of Transportation sponsored applications and keep a central file on all issued permits and transactions.

A Memorandum of Understanding with the Montana Department of Health and Environmental Sciences provide that we screen construction projects for the potential exceedence of the water quality standard for turbidity, and then so advise that agency. Other state agencies cooperate to varying degrees under informal agreements.

Several federal agencies have entered into a Memorandum of Understanding with the Department. Although federal compliance with the Act has been inconsistent, the Forest Service has made an excellent effort to comply with the SPA with a lesser effort by other agencies. The Department will make an attempt to meet with the federal agencies to renew and update the existing MOU.

A private individual, corporation, firm, partnership, association, or other legal entity not covered under the Stream Protection Act must, before altering or modifying the bed or banks of stream, obtain a 310 permit from the local Conservation District Board of Supervisors. Fisheries personnel are required as part of the permitting process to review plans and make recommendations for reducing or eliminating impacts to the streambed or banks and thereby protect fish habitat. The permitting process normally includes on-site inspections and takes less than 60 days to process. If a dispute occurs, there is a provision for arbitration or further litigation.

The project leader will maintain guidelines to provide consistent statewide approach to administration and recommendations for 310 projects. Division activities will be coordinated on all arbitration proceedings dealing with disagreements and violations. Technical assistance will be provided to fisheries personnel when unusual, difficult or hard to solve hydrologic problems occur.

Training will be provided for new fisheries biologists assigned to stream protection duties.

Approximately 90% of job time will be utilized on cold water streams and 10% on warm or cool water streams.

Fish population data are usually available from the department's Fisheries Division, and are supplied by regional offices. When adequate data are not available, requests are made to the appropriate region to obtain such data.

Engineering consultation service will be obtained under a contract with a private hydrologist for engineering expertise.

FINDINGS

Stream Protection Act

A total of 388 Notice of Construction applications were reviewed and processed during this report period. Of these notices, 60 were for state highway projects (Table 1), 68 for county road and bridge projects (Table 2), and 260 for miscellaneous projects (Table 3). Miscellaneous projects included projects by federal agencies, municipalities, and state agencies other than the Department of Transportation (MDT).

The Department has renewed the Memoranda of Understanding (MOU) it has with several state and federal agencies which established and implemented the operating procedures for identification, evaluation and mitigation of highway construction impacts to wetlands. This MOU allows the state to comply with Federal requirements of Section 404 and allows a positive approach for wetland mitigation.

A wetland technical subcommittee carries out the functions of the program under direction of the Interagency Wetlands Group. The Interagency Wetlands group is represented by personnel from the Environmental Protection Agency, Fish and Wildlife Service, Federal Highway Administration, Department of Transportation, Department of Health and Environmental Sciences and the Department of Fish, Wildlife and Parks. Cooperation shown by the agencies involved indicate success of the program.

Recommendations to protect streams and wetlands were generally well received. To reduce adverse effects on streams and rivers, we will continue our awareness program of stream and water quality protection for agencies and general contractors. Some projects are of a nature that they can be handled in a routine manner. Other projects require several meetings for coordination and detailed investigation to resolve issues.

Periodically, the Department experiences a lack of cooperation from MDT and project contractors in fulfilling the conditions set forth in the SPA and MOU. In order to rectify the situation, the Department, in conjunction with MDT is redrafting the existing MOU to reflect changes that are necessary to reduce the number of SPA violations and bring a project into compliance with the SPA requirements and stipulations.

Natural Streambed and Land Preservation Act (310)

Regional fisheries personnel received notification of 1109 applications for 310 permits from 43 conservation districts throughout the state. Team inspections were held on 834 or 75% of the projects. Conservation districts received an additional 94 applications which were declared non-projects.

For purposes of this report, descriptions of projects were divided into six categories. The number of projects for each category follows: 457 (42%) stream crossings (includes bridges, culverts, fords, pipelines and cables); 215 (20%) irrigation diversions (headgates, pumps and instream structures); 209 (19%) streambank and channel stabilization; 32 (3%) mining; 166 (15%) miscellaneous (ramps, pond development, debris removal and dredging); and 7 (1%) fish habitat enhancement. There were 52 reported complaints or violations which mostly involved irrigation diversions and miscellaneous projects. Applications for permits were denied on 29 projects.

The majority of 310 projects were located in the western and southwestern part of the state. The following table lists 310 activity in the seven fisheries regions for the past three fiscal years:

Region	FY - 1992		FY - 1991		FY - 1990	
	No. of Proj.	Team Inspected(%)	No. of Proj.	Team Inspected(%)	No. of Proj.	Team Inspected(%)
1	242	119(49)	206	89(43)	108	38(35)
2	212	145(68)	202	127(63)	121	55(45)
3	356	283(79)	268	232(87)	197	175(89)
4	147	146(99)	135	91(67)	107	89(83)
5	125	118(94)	78	69(88)	34	27(79)
6	15	14(93)	9	6(67)	10	6(60)
7	12	9(75)	17	6(35)	18	6(33)
TOTAL	1109	834(75)	915	620(68)	595	396(66)

The number of projects processed in FY 92 was an all time high since the 310 program has been in place. Most of this involves improved public awareness for compliance with the law. Flathead County Conservation District processed the most 310 projects with 140; Gallatin Conservation District was second with 105.

Fiscal 1992 was the second year the Streambank Permitting Contractor Project was in place the entire year. Results of this project are reported under Federal Aid Project F-46-R-5, Job Number VI-D. The increase in projects automatically increased the number of field inspections. Contractors inspected 324 (39%) of the 834 projects inspected. Work load increased by 35% over FY 1991, so the contractors proved valuable assisting regional personnel.

The project leaders attended 3 area conservation district meetings, the MACD State convention and one employee training workshop. The Department, funded one river mechanic training workshop for the Teton County Conservation District. About 35 persons attended the workshop. A stream habitat program was presented at a MDT environmental workshop to that agencies biologists and biological consultants.

RECOMMENDATIONS

It is recommended that this project be continued. Review and comment concerning projects where environmental evaluation is required by various state and federal statutes should continue. Evaluations of existing aquatic values and possible mitigative measures should be continued where appropriate. Cooperation with other agencies to streamline permit review requirements should continue. River mechanics and other aquatic habitat training workshops should continue to be offered to those involved with the permitting process and stream protection responsibilities.

Prepared by: Ken Chrest and Al Wipperman
Date: August 19, 1992

Table 1. Contents of File. Notices of Construction (Hydraulic Projects Affecting Fishing Waters) submitted by the Department of Transportation (DOT).

CN = DOT's Control Number

25	Deep Creek Canyon (CN #1368)	F 14-1()14	7/8/91	Deep Creek
26	Teton River Bridge (Detour) (Formerly DOH-14 & 24-88) (CN #1101)	BR 9008 (11)	7/10/91	Teton River
27	Milk River Bridge - riprap (CN #1367)	F 1-7(12)428	7/10/91	Milk River
28	Clearwater Junction - West (moved forward from DOH-54-90) (CN #1037)	F 24-1(22)27	7/15/91	Clearwater River
29	Pennel Creek Bridge (moved forward DOH-58-90) (CN #1095)	BR 9013(7)	7/30/91	Pennel Creek
30C	10th St. Bridge - Great Falls (core drill)	BHM 5211(2)	8/2/91	Missouri River
31W	Green Meadow Drive (work Bridge) (moved forward DOH-67-90) (CN #556)	RS-BRS 231-1(3)0	8/7/91	Ten Mile Creek
32	* Maintenance Riprap Razor Creek and Musselshell River (no CN)	US 87 MP 29.67, US 12 MP 18	8/13/91	Razor Creek & Musselshell River
33	Gallatin Gateway - North & South (CN #1261)	F 50-2(24)70	8/23/91	Elk Grove Slough
34	Wolf Point - West (CN #1255)	F 1-10(23)581	8/26/91	Wolf Creek
35	* Lewistown Maintenance (no CN)	US 191 MP 100.7, 97.9, 99.5	8/26/91	Slippery Ann Creek
36	* Madison River Bridge (moved forward from DOH-18-90) (CN #0839)	BRF 84-1(5)8	8/26/91	Madison River
37	* Bracket & Willow Creek Bridge Maintenance (no CN)	NA	8/26/91	Bracket & Willow Creek
38	Shedd's Bridge & Odell Creek Maintenance - (no CN)	NA	9/4/91	Gallatin River & Odell Creek

Table 1 continued

39	* Beaver Dam Removal US 12/89 (no CN)	NA	9/17/91	South Fork Smith River
40	Debris Removal - Belt Creek (no CN)	NA	9/17/91	Belt Creek
41	* Maintenance Riprap (no CN)	NA	9/17/91	Prickly Pear Creek
42W	Jefferson River Bridge (moved forward from DOH-3- 90, moved forward to MDT-35- 92D) (CN #0840)	BRF 29- 1(13)50	9/17/91	Jefferson River
43	Big Muddy Creek (FAP 251C) Maintenance (no CN)	NA	10/9/91	Big Muddy Creek
44	Broadview North (CN #0855)	F 53-2(3)34	10/28/91	Painted Robe Creek
45	Bridge over Musselshell River (CN #1284) (moved forward to MDT-19-92)	BR 9033(5)	10/28/91	Musselshell River
46	Divide Creek Maintenance (no CN) (Project Void 2/28/92)	FAP 58	10/29/91	Divide Creek
47	Lake Inez - North (CN #1235)	F 83-1()23	10/30/91	Lake Inez
48	Superior - East & West (CN #1472)	IR 90- 1(110)43	10/30/91	Thompson Creek
49	Summit Creek (CN 1795)	F 1- 3(26)199	11/4/91	Tributary to Summit Creek
50	East Bridge - Billings (moved forward from NC 45, DOH-66-90, moved to MDT-4- 92) (CN #748)	BRF F 16- 1(30)1	11/6/91	Yellowstone River
51	Quake Lake Road (CN #1260)	F 87-1(4)0	11/25/91	Red Canyon Creek
52	* Beaver Dam Removal (no CN)	US 43, I-10 & 17	11/25/91	Sheep & Ruby Creeks
53	American Fork - South of Harlowton (CN 1164)	BR 9054(4)	11/25/91	American Fork Creek
54	* Winston - S.E. (CN #1265)	F 8-4(15)65	12/17/91	Whitehorse Creek

Table 1 continued

55	* Beaver Dam Removal Near Adler, Montana (no CN)	NA	12/17/91	Alder Gulch Cr. & Granite Cr.
56	Kalispell-Whitefish (moved forward from DOH-18c-88) (CN #1061)	F 5- 3(28)115	12/26/91	Stillwater River

Table 1. Continued.

* Files put in storage as of April 14, 1992.

<u>NO</u>	<u>CONTROL # & PROJECT NAME</u>	<u>DOT PROJ #</u>	<u>DATE</u>	<u>STREAM</u>
1	* Belt Creek Maintenance Riprap US 89, MP 69.7 (no CN)	NA	1/7/92	Belt Creek
2	Scotty Brown Bridge (formerly DOT-17C-91) (CN 1194)	BR 9039(10)	1/10/92	Blackfoot River
3	4 Misc. Maintenance Riprap - US 191, 212, Route 78 (no CN)	NA	1/15/92	Sweet Grass Creek; Rock Creek & Red Lodge Creek
4	East Bridge - Billings (CN #0748) (moved forward from NC 45, DOH-66-90, DOT-50-91)	BRF-F 16- 1(30)1	1/22/92	Yellowstone River
4D	East Bridge Billings (bridge removal)	F 16-1(30)1	7/14/92	Yellowstone River
5	Bull Trout North (CN #1239)	F 56-2(2)17	1/23/92	Upham, Payne, Middle Crks & tributaries
6	Milk River Zurich (CN #1154)	BR 9003(13)	1/23/92	Milk River
7	Clark Fork Bridge Rehab - Deer Lodge (CN #1371) (moved forward from DOT-12-91)	IR 0002(22)U1	1/27/92	Clark Fork River
8	Divide Creek - South of St. Mary	RT 58- 1(9)30	2/6/92	Divide Creek
9	Little Beaver Creek - S.E. of Baker (CN #1199) (moved forward DOT-64-90)	RS 322- 1(1)11	2/21/92	Little Beaver Creek
10	* Maintenance-Drift Removal/Piers	NA	2/25/92	Yellowstone River
11	* Debris Removal I-90	NA	2/27/92	West Gallatin River
12	Condon North & South (CN #1230)-revised stream crossing plans on 8/10/92	F 83- 1(11)31	2/27/92	Cooney, Rumble, Buck, Barber, Holland, & Pierce Crks

Table 1. Continued.

13	West Fork Poplar River - South of Peerless (CN #1147) (moved forward from DOT-68- 90) (modified plans 4/21/92)	BR 9010(8)	3/5/92	West Fork Poplar River
14	Boulder River Bridge-SE of Boulder (CN #1093)	BH 9022(10)	3/16/92	Boulder River
15	Flood Damage Repair at Crooked Creek NE of Roy (no CN)	NA	4/24/92	Crooked Creek/Sacagawea River
16	Absarokee N & S (CN #0920) (see MDT-17-92)	F 78-2(5)27	3/31/92	Beaver, Butcher, Chimney
17	Columbus - South (CN-A902) (see MDT-16-92)	F 78-2(5)37	3/31/92	Shane, Joe Hill, Whitebird, Mexican Joe
18	Beaver Dam Removal Brackett Creek (no CN)	NA	4/6/92	Brackett Creek
19	Musselshell River Bridge - Melstone (CN #1284) (formerly DOT-45-91)	BR 9033(5)	5/4/92	Musselshell River
20	Otter Creek Rip-Rap (US 87, MP 7.85-7.735)	--	5/13/92	Otter Creek
21	Yellowstone River Bridge (CN #0805) (formerly DOH-4-90-C)	RTF-26- 1(6)1	5/21/92	Yellowstone River
22	Milk River, NW of Hinsdale (CN #1141)	BR 9053(9)	6/2/92	Milk River
23	Neihart Ditch Maintenance (NO CN)	NA	6/1/92	Belt Creek Tributary
24	10th Street North Bridge (CN #1372)	BRM 5211(2)	6/11/92	Missouri River
25	Box Elder Creek Bridge Maintenance (no CN)	NA	6/16/92	Box Elder Creek
26	Hinsdale - North (CN #1357)	RS 537- 1(1)0	6/24/92	Milk River
27	Newlan Creek Road (CN #0927)	RS 259- 1(1)0	6/24/92	Newlan Creek

Table 1. Continued.

28	Marshall Ski Area Wash Out (x 32200 - SPA-25-92, R-2) emergency repair	NA	6/23/92	Clark Fork River
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Table 2. Contents of File. Stream Protection Act Permit Applications submitted by Counties.

<u>CO. NO.</u>	<u>PROJECT NAME</u>	<u>COUNTY</u>	<u>DATE</u>	<u>STREAM</u>
1	Central Park Road - rip rap (GNCO 1-92 R-3)	Gallatin	1/9/92	Gallatin River
2	Penwell Bridge Road (GNCO-2-92)	Gallatin	1/9/92	East Gallatin River
3	Trail Creek riprap (PKCO-1-92, R-3)	Park	1/21/92	Trail Creek
4	Victor Tronrud Bridge (CO-1-92 R-5)	Sweet Grass	1/22/92	Sweet Grass Creek
5	Kountz Bridge (MDCO-2-92, R-3)	Madison	1/22/92	Jefferson River
6	Old Stillwater Bridge Removal (CO-124-10-91-R-1)	Flathead	1/22/92	Stillwater River
7	Briggs Ranch Road Bridge (#8/054/86C) R-3)	Beaverhead	1/28/92	Red Rock River
8	Hot Springs Creek Crossing (CO-124-1-92 R-1)	Lake	1/28/92	Hot Springs Creek
9	Cataract Creek (processed R-9, no regional number)	Jefferson	2-3-92	Cataract Creek
10	Cameron Bridge (GNCO-3-92 R-3)	Gallatin	3/2/92	Gallatin River
11	Riprap Bank of Tobacco River (CO-124-2-92 R-1)	Lincoln	3/18/92	Tobacco River
12	Churchill Road (GNCO-4-92 R-3)	Gallatin	3/18/92	Godfrey Creek
13	Ten Mile Creek Bridge Replacement (PR-92-1, R-6)	Prairie	3/20/92	Ten Mile Creek
14	Duck Creek Road riprap (CO-02-92, R-5)	Yellowstone	3/26/92	Yellowstone River
15	Red Crow Road (SPA-6-92, R-2)	Ravalli	4/1/92	Gash Creek
16	Rey Creek & Sloughs on Carpenter Road (GNCO-8-91, R-3)	Gallatin	4/2/92	Rey Creek

Table 2 Continued

17	Big Otter Creek Violation (V-CO-6-92, R-4) (filed in VIOLATION FILE)	Cascade	4/8/92	Big Otter Creek
18	School Bus Turnaround Karney Rapis Bridge Swan River Road (CO-124-3-92, R-1)	Flathead	5/1/92	Swan River
19	Old Yellowstone River Bridge 3B-17 (CO-03-92, R-5)	Yellowstone	4/30/92	Yellowstone River
20	Arrow Island II Park - boat access (CO-04-92 R-5)	Yellowstone	4/30/92	Yellowstone River
21	Hoblitt - North Bass Bridge (SPA-24-92, R-2)	Ravalli	6/23/92	North Bass Creek

Table 2 continued

FISCAL YEAR BREAK				
33	River Road Riprap (GNCO-9-91 R-3)	Gallatin	7/2/91	Gallatin River
34	Central Park Riprap (GNCO-10-91 R-3)	Gallatin	7/2/91	Gallatin River
35	Graves Creek Sedimentation Control (MISC_22-91 R-2)	Missoula	7/12/91	Graves Creek
36	Graves Creek Sedimentation Control (MISC-23-91 R-2)	Missoula	7/12/91	Graves Creek & E. Fk. Graves
37	New Bridge - Loma, MT	Choteau	7/23/91	Missouri River
38	Perkins Creek Culver/Channel Change (MISC-26-91 R-2)	Powell	8/1/91	Perkins Creek
39	Loma work bridge (CO-26-91 R-4)	Choteau	8/9/91	Missouri River
40	Brown's Meadow Road Seven Mile Hill (CO-124-6-91 R-1)	Flathead	8/15/91	Mount Creek
41	Upper West Fork Road (Cow Track) (CO-31-91 R-4)	Teton	8/15/91	North Fork Teton River
42	Teton Canyon Road (Crary's) (CO-32-91 R-4)	Teton	8/15/91	Teton River
43	Upper South Fork Road (McCarthy's) (CO-33-91 R-4)	Teton	8/15/91	South Fork Teton River
44	Bellview Road Bridge (CO-34-91 R-4)	Teton	8/15/91	Teton River
45	Upper South Fork Bridge Area (CO-35-91 R-4)	Teton	8/15/91	Teton River
46	Pebbles Bridge (CO-36-91 R-4)	Teton	8/15/91	Teton River
47	Temporary Bridge - Jensen (CO-37-91 R-4)	Teton	8/16/91	Coal Creek Coulee
48	Bellview Road Culvert (CO-38-91 R-4)	Teton	8/16/91	Teton River

Table 2 continued

49	Muddy Creek Bridge (CO-39-91 R-4)	Teton	8/16/91	Muddy Creek
50	Upper McGillis Ranch Bridge (CO-40-91 R-4)	Teton	8/16/91	Teton River
51	Saylor Bridge (CO-41-91 R-4)	Teton	8/16/91	Teton River
52	McGillis Bridge Lower Ranch (CO-42-91 R-4)	Teton	8/16/91	Teton River
53	Deep Creek Bridge (CO-43-91 R-4)	Teton	8/16/91	Deep Creek
54	Upper Bridger Creek Flood Repair (CO-3-91 R-5)	Sweet Grass	8/16/91	Bridger Creek
55	Work Creek Bridge Reconstruction (CO-04-91 R-5)	Sweet Grass	8/16/91	Work Creek
56	McGillis Road Water Diversion (CO-48-91, R-4)	Teton	8/16/91	Teton River
57	Thiel Road (CO-05-91 R-5)	Yellowstone	8/20/91	Yellowstone River
58	Bank Stabilization (CO-06-91 R-5)	Yellowstone	8/20/91	Yellowstone River
59	Big Creek Washout (PK-03-91 R-3)	Park	9/24/91	Big Creek
60	North Dry Creek (CO-07-91 R-5)	Carbon	9/27/91	North Dry Creek
61	Pitch Bridge (CO-08-91 R-5)	Golden Valley	10/8/91	Big Coulee Creek
62	American Fork Bridge (CO-09-91 R-5)	Wheatland	10/8/91	American Fork Creek
63	County Hospital Bank Clean Up (CO-124-7-91 R-1)	Flathead	10/10/91	Flathead Lake
64	Elk Creek Bridge - Noxon Rd. (CO-124-8-91 R-1)	Sanders	10/16/91	Elk Creek
65	Elk Creek Bridge 0 Winchester Rd. (CO-124-9-91 R-1)	Sanders	10/16/91	Elk Creek

Table 2 continued

66	Mission Creek Bank Stabilization (PKCO-4-91 R-3)	Park	10/21/91	Mission Creek
67	Sweeney Creek (RO-91-1 R-7)	Rosebud	10/22/91	Sweeney Creek
68	Beaver Creek - Filsan Road (BWCO-1-92)	Broadwater	10/23/91	Beaver Creek
69	Jack creek Bridge (MDCO-2-92 R-3)	Madison	10/28/91	Jack Creek
70	Racetrack Bridge - Yellowstone Trail (MISC-41-91 R-2)	Powell	10/29/91	Racetrack Creek
71	County Bridge (10-B-2) (CO-10-91 R-5)	Yellowstone	10/30/91	Duck Creek
72	Bolnman-Blodgett Bridge (MISC-43-91 R-2)	Ravalli	11/6/91	Blodgett Creek
73	Fox Bridge (CO-11-91 R-5)	Carbon	11/13/91	Rock Creek
74	Koch-Sweeney Bridge (MISC-45-91 R-2)	Ravalli	11/15/91	Sweeney Creek
75	Sheafman-Sheafman (MISC-46-91 R-2)	Ravalli	11/15/91	Sheafman Creek
76	Rock Creek Road (MISC-47-91 R-2)	Granite	11/15/91	Rock Creek
77	Zoo Montana (CO-12-91 R-5)	Yellowstone	11/22/91	Canyon Creek
78	Little Porcupine Bridge (RO-91-2 R-7)	Rosebud	12/23/91	Little Porcupine Cr.
79	Sand Cr.-Kraus Bridge (RO-91-3 R-7)	Rosebud	12/23/91	Sand Creek

Table 3. Contents of File. Notice of construction (Stream Preservation Act Permit Application) submitted by Miscellaneous agencies (MISC).

74	Deer Creek Road Damage Repair (MISC-13-91 R-2)	Superior Rang. Dist.	7/3/91	Deer Creek
75	Maclay Flats River Ramp (MISC-14-91 R-2)	Missoula Rang. Dist.	7/3/91	Bitterroot River
76	Blackleaf WMA (MISC-1-91-BH R-4)	DFWP	7/8/91	Muddy Creek
77	Culvert Replacement (MISC-24-91 R-4)	L&C Nat. Forest	7/8/91	Cutreef Creek
78	Dam Removal (MISC-25-91 R-4)	Glacier Nat. Park	7/8/91	3 Bears Lake
79	Seeley Ski Trails Bridge (MISC-15-91 R-2)	Seeley Lake Rang. Dist.	7/12/91	Seeley Creek
80	Replace rip-rap on a Tributary of Rattlesnake (MISC-16-91 R-2)	Missoula Parks & Recreation	7/12/91	Rattlesnake Creek
81	D3-91102 Little Gold Road Improvement (MISC-19-91 R-2)	Philipsburg Rang. Dist.	7/12/91	Little Gold Creek
82	Discovery Basin Road Improvement (MISC-18-91 R-2)	Philipsburg Rang. Dist.	7/12/91	Tributary North Flint Creek
83	Sand Basin Hydrological Monitoring Station (MISC-17-91 R-2)	Philipsburg Rang. Dist.	7/12/91	Tributary Sand Basin Creek
84	Twelvemile Creek Fish Habitat Improvement (MISC-24-91 R-2)	Superior Ranger Dist.	7/12/91	Twelvemile Creek
85	Mill Fork Mission/Little Mission Barriers (GNF-1-91 R-3)	USFS-Livingston	7/15/91	Mill Fork Little Mission Barrier
86	Stoner Beaver Pond (FNF-124-8-91 R-1)	Swan Lake Rang. Dist.	7/11/91	NF Stoner Creek
87	Prospect-Parmenter Timber Sale (KNF-124-28-91 R-1)	Libby Rang Dist.	7/18/91	Flower & Cedar Creek
88	Fishery River Road #763 (KNF-124-34-91 R-1)	Kootenai Nat. Forest	7/18/91	Fisher River

Table 3 Continued

89	West Fisher Rd #231 (KNF-124-35-91 R-1)	Kootenai Nat. Forest	7/18/91	West Fisher River
90	Silver Butte Road #148 (DNF-124-36-91 R-1)	Kootenai Nat. Forest	7/18/91	Trapper Creek & Iron Meadows Creek
91	West Fisher Road #231 (KNF-124-37-91 R-1)	Kootenai Nat. Forest	7/18/91	West Fisher River
92	Silverbutte Road #148 (KNF-124-38-91 R-1)	Kootenai Nat. Forest	7/18/91	Silverbutte-Fisher River
93	Fisher River Bridge (KNF-124-39-91 R-1)	Kootenai Nat. Forest	7/18/91	Fisher River
94	Cody Timber Sale (KNF-40-91 R-1)	Canoe Hulch Rang. Sta.	7/18/91	Cody Creek
95	Long Meadows Road #593 (KNF-124-41-91 R-1)	Three Rivers Rang. Dist.	7/18/91	Cool Creek
96	Peter Creek Roads (KNF-124-42-91 R-1)	Three Rivers Rang. Dist.	7/18/91	Pete Creek, Beetle Creek, Slim Creek
97	Peterson-Libby Creek Dredging (KNF-124-43-91 R-1)	Libby Ranger Sta.	7/18/91	Libby Creek
98	Chuck Spencer Dredging (KNF-124-44-91 R-1)	Libby Ranger Sta.	7/18/91	Big Cherry Creek
99	Cherry Side Timber Sale (LNF-124-2-91 R-1)	Plains Ranger Sta.	7/18/91	Cherry Creek
100	Swan Alder Stub (Van Alder T.S.) (FNF-124-7-91 R-1)	Swan Lake Rang. Dist.	7/26/91	Alder Creek
101	North Fork Rye Road Reconstruction (MISC-25-91 R-2)	Bitterroot Nat. For.	7/26/91	North Fork Rye Creek
102	Toston Recreational Site Bank Stabilization (MISC-10-91 R-3)	Bureau of Land Mgmt.	7/30/91	Missouri River
103	Bridge Riprap (MISC-29-91 R-4)	FHA	7/29/91	Rose Creek
104	Culvert Extend (MISC-30-91 R-4)	FHA	7/29/91	2 Dog Creek

Table 3 Continued

105	North Fork Rye Road Reconstruction #321 (MISC-25-91 R-2)	Bitterroot Nat. For.	7/31/91	North Fork Rye Creek
106	Big Creek Flood Damage Repair (KNF-124-45-91 R-1)	Eureka Rang. Dist.	7/31/91	Big Creek
107	High Five Timber Sale (KNF-124-46-91 R-1)	Fisher Rang. Dist.	7/31/91	Fivemile Creek
108	South Fork Bull River Snake Creek (KNF-124-47-91 R-1)	Kootenai Nat. For	7/31/91	Bull River
109	Jacks Gulch (KNF-124-49-91 R-1)	Kootenai Nat. For.	7/31/91	West Fork Elk Creek
110	Timber Sale Fish Habitat Improvement Work (KNF-124-50-91 R-1)	Fortine Rang. Dist.	7/31/91	Stahl & Grave Creeks
111	Culvert Installation (KNF-124-51-91 R-1)	Kootenai Nat. For.	7/31/91	Therriault Creek
112	Hallowat Creek Road No. 315 (KNF-124-9-91 R-1)	Flathead Nat. For.	8/1/91	Unnamed trib to Hallowat Creek
113	Big Creek Road No. 316 (KNF-124-10-91 R-1)	Flathead Nat. For.	8/1/91	Nicola Creek
114	Treasure Mountain Timber Sale (MISC-27-91 R-2)	Helena Nat. Forest	8/2/91	Maryann Creek
115	Tom Miner Timber Sale Proposal (MISC-5-90 R-3)	State Lands	8/5/91	Tribs to Tom Miner Creek
116	North Fork Road Rip Rap (MISC-124-6-91 R-1)	Glacier Nat. Park	8/5/91	North Fork Flathead River
117	Fleshman Creek/Livingston Middle School/Bank restoration (MISC-6-90 R-3)	Livingston School District	8/5/91	Fleshman Creek
118	Montana State University (MISC-1-92 R-3)	Montana State Univ.	8/6/91	flow from spring
119	Washoe Park Hatchery (MISC-28-91 R-2)	Peccia & Associates	8/6/91	Warm Springs Creek
120	Spruce Lakes Road Repair MP 3.8 & MP 4.0 (KNF-124-53-91 R-1)	Three Rivers Rang. Dist.	8/8/91	South Fork Keeler Creek

Table 3 Continued

121	Hiatt Creek Road Repair MP1.5 (MISC-124-54-91 R-1)	Three Rivers Rang. Dist.	8/8/91	trib. to Hiatt Creek
122	Keeler Creek Road Repair MP 5.8 (KNF-124-55-91 R-1)	Three Rivers Rang. Dist.	8/8/91	Keeler Creek
123	Spar Lake Road Repair MP 18.3 (KNF-124-56-91 R-1)	Three Rivers Rang. Dist.	8/8/91	Whoopee Creek
124	Arbo Creek Road Repair MP 3.0 (KNF-124-52-91 R-1)	Three Rivers Rang. Dist.	8/8/91	Arbo Creek
125	Rogers Lake Inlet Crossing (FNF-124-12-91 R-1)	Swan Lake Rang. Dist.	8/9/91	inlet of Rogers Lake
126	Beckstrum Libby Creek Dredging (KNF-124-57-91 R-1)	Libby Ranger Sta.	8/9/91	Libby Creek
127	Rnraw (Rattlesnake) Horse Trail Bridge (MISC-29-91 R- 2)	Missoula Ranger District	8/14/91	Rattlesnake Creek
128	Lolo Creek Fish Habitat Improvement (MISC-30-91 R-2)	Lolo Nat. Forest	8/14/91	Lolo Creek
129	Springer Creek Pipe Replacement (MISC-31-91 R-2)	Bitterroot Nat. For.	8/14/91	Springer Creek
130	Antelope Creek Timber Sale (MISC-32-91 R-2)	Bureau of Land Mgmt.	8/14/91	South Fork Antelope Creek
131	Grantier Spring Creek Restoration Unit 2 & 3	DFWP R-2 Fisheries	8/14/91	Grantier Spring Creek
132	Fish Habitat Improvement (Forest-wide) (FNF-124-6-91 R-1)	Flathead National Forest	8/15/91	(see app. for list several streams)
133	Logan Timber Sale (FNF-124- 11-91 R-1)	Flathead Nat. For.	8/15/91	Unnamed trib. to Logan Creek
134	Dry Creek Road (KNF-124-48-91 R-1)	Kootenai Nat. For.	8/15/91	Dry Creek
135	South Madison Boat Ramp (MISC-11-91 R-3)	Bureau of Land Mgmt	8/15/91	Madison River

Table 3 Continued

136	River Drive (MISC-44-91 R-4)	City of Great Falls	8/19/91	Missouri River
137	West Fork Mill Creek Stream Cleaning (GNF-2-91 R-3)	Gallatin Nat. For.	8/21/91	West Fork Mill Creek
138	Dearborn River near Craig (MISC-46-91 R-4)	USGS	8/21/91	Dearborn River
139	Lion Creek (small sale) (FS-45-92 R-4)	Lewis & Clark Nat. Forest	8/22/91	Lion Creek
140	Toston Dam FAS (MISC-1-92 R-3)	MDFWP	8/23/91	Missouri River
141	Maupin Creek Rehabilitation (HNF-2-92 R-3)	Helena Nat. Forest	8/23/91	Maupin Creek
142	Crystal Creek Habitat Improvement (HNF-1-92 R-3)	Helena Nat. Forest	8/23/91	Crystal Creek
143	West Pinkham Bridge (KNF-124-58-91 R-1)	Kootenai Nat. For.	8/26/91	Pinkham Creek
144	McDonald Creek Rip-rap (MISC-124-2-91 R-1)	Glacier Nat. Park	8/26/91	Upper McDonald Creek
145	Realignment & Culvert Installation (MISC-124-3-91 R-1)	Glacier National Park	8/26/91	No name (seasonal)
146	Apgar Creek (MISC-124-4-91 R-1)	Glacier Nat. Park	8/26/91	No name tributary
147	Sedimentation Removal - Logan Creek Area (MISC-124-5-91 R-1)	Glacier Nat. Park	8/26/91	No name (seasonal)
148	Dry Creek Capital Investment Roads & Bridge (LNF-124-3-91 R-1)	Plains Ranger Station	8/26/91	Dry Creek
149	South Fork Canyon Creek Bridge (FNF-124-5-91 R-1)	Flathead Nat. For.	8/22/91	South Fork Canyon Creek
150	Eddy Creek Road (LNF-124-5-91 R-1)	Plains Ranger District	8/22/91	tributary to Eddy Creek

Table 3 Continued

151	Hamilton Riverview Cemetery (proposed project) (MISC-36- 91 R-2)	City of Hamilton	8/26/91	Cemetery Irrigation
153	Mantrap Timber Sale (roads) (LNF-124-4-91 R-1)	Plains Ranger Sta.	9/4/91	Mantrap Fork
154	Mill Creek Rehab. (MISC-124- 7-91 R-1)	MDFWP-Fish	9/6/91	Mill Creek
155	Spotted Bear Hydroelectric (FNF-124-13-91 R-1)	Flathead Nat. For.	9/10/91	Addition Creek
156	Jacks Gulch (KNF-124-6-91 R- 1)	West Zone Kootenai Nat. For.	9/10/91	West Fork Elk Creek
157	Happy Gulch (KNF-124-61-91 R-1)	West Zone Kootenai Nat. For.	9/10/91	Vermillion River
158	South Fork Bull River (KNF- 124-59-91 R-1)	West Zone Kootenai Nat. For.	9/10/91	Bull River
159	Ashley Lake Landowners Beaver Jam Project (FNF-124- 14-91 R-1)	Tally Lake Ranger District	9/13/91	Wade Creek
160	South Canyon Pipe Replacement (FNF-124-15-91 R-1)	Glacier View Ranger District	9/13/91	South Canyon Creek
161	Chinook Airport Improvements (B24-1-91 R-6)	Morrison- Maierle	9/17/91	Redrock Coulee
162	Intake Boat Ramp (FWP-199-1 R-7)	MDFWP-Parks	9/17/91	Yellowstone River
163	Ear Mountain WMA (MISC-47-91 R-4)	MDFWP	9/20/91	North Fork Willow Creek
164	Middle Creek Stream Gaging Station (MISC-2-92 R-3)	DNRC	9/23/91	Middle Creek
165	Hope/Snowshoe Sale (MISC-35- 91 R-2)	Helena Nat. Forest	9/30/91	Polly Springs
166	Surveyor Gulch Timber Sale (MISC-37-91 R-2)	Helena Nat. Forest	9/30/91	Surveyor Gulch

Table 3 Continued

167	Tin Cup Ridge Timber Sale (MISC-38-91 R-2)	Montana State Prison Industry	9/30/91	Tin Cup Creek
168	Road Maintenance (MISC-39-91 R-2)	Helena Nat. Forest	9/30/91	Alice Creek
169	Allen Peak - Silver Butte Creek Alternative crossing - short term (KNF-124-62-91 R- 1)	Canoe Gulch Ranger Station-KNF	10/4/91	Silver Butte Creek
170	Allen Peak - Silver Butte Creek Alternative crossing - long term (KNF-124-63-91 R- 1)	Canoe Gulch Ranger Station-KNF	10/4/91	Silver Butte Creek
171	Beaver Creek (KNF-124-64-91 R-1)	Cabinet Rang. Dist.	10/10/91	Beaver Creek
172	Bunker Creek Rock Removal (FNF-124-16-91 R-1)	Hungry Horse Rang. District	10/10/91	Bunker Creek
173	Lost Silver Timber Sale (FNF-124-17-91 R-1)	Hungry Horse Rang. District	10/10/91	Doris Creek
174	Beaver Creek Trail (MISC-1- 91 R-8)	Helena Dist. FS	10/15/91	Missouri River
175	Bunker Bridge (FNF-124-18-91 R-1)	Hungry Horse Rang. District	10/16/91	Bunker Creek
176	Sediment Removal (MISC-49-91 R-4)	Glacier Nat. Park	10/16/91	Appistoki Creek
177	Culvert Replace (DSL-50-91 R-4)	State Lands	10/16/91	Big Willow Creek
178	Sweeney Creek Timber Sale (MISC-2-91 R-8)	Helena Nat. Forest	10/21/91	Unnamed Trib to Sweeney Creek
179	Bridge Replacement (FS-52-91 R-4)	L&C Nat. Forest	10/22/91	Sheep Creek
180	Improve Ford (FS-53-91 R-4)	L&C Nat. Forest	10/22/91	Logging Creek

Table 3 Continued

181	Road Repair (FS-54-91 R-4)	L&C Nat. Forest	10/22/91	South Fork Judith River
182	Habitat Improvement (FS-55-91 R-4)	L&C Nat. Forest	10/22/91	Smith Creek
183	Riprap Culvert (FS-56-91 R-4)	L&C Nat. Forest	10/22/91	Coyote Creek
184	Bank Stabilization (FS-57-91 R-4)	L&C Nat. Forest	10/22/91	South Fork Judith River
185	Habitat Improvement (FS-58-91 R-4)	L&C Nat. Forest	10/22/91	Lion Creek
186	Tom Creek Flume Removal (MISC-4-92 R-3)	USFWS	10/23/91	Tom Creek
187	Shambow Creek bridge replacement (MISC-5-92 R-3)	USFWS	10/23/91	Shambow Creek
188	Paydirt (Unit 4) (MISC-40-91 R-2)	Helena Rang. Dist.	10/29/91	Dog Creek Trib.
189	Portal Creek Road (GNF-4-91 R-3)	Gallatin Nat. For.	10/30/91	Portal Creek
190	Big Creek Emergency Road Reconstruction (lolo 1181 - MISC-42-91 R-2)	Lolo Nat. For.	10/31/91	Middle Fork Big Creek
191	Broadwater Power Project, Deep Creek Siphon (DNRC-1-92 R-3)	DNRC	11/1/91	Deep Creek
192	South Shore Park (MISC-44-91 R-2)	City of Missoula	11/6/91	Clark Fork River
193	Upper Gold Timber Sale (KNF-124-66-91 R-1)	Rexford Rang. Dist.	11/13/91	Unnamed trib. Boulder Creek
194	Deerhorn Creek Timber Sale (MISC-124-9-91 R-1)	State Lands	11/13/91	Deerhorn Creek
195	Bozeman Creek Water Supply Division (MISC-6-92 R-3)	City of Bozeman	11/13/91	Bozeman Creek
196	Lyons Creek Timber Sale (MISC-3-91 R-8)	State Lands	11/15/91	N. Fork Lyons Creek

Table 3 Continued

197	Minnehaha Snowmobile Access (FS-59-91 R-4)	Helena Nat. Forest	11/18/91	Minnehaha Creek
198	Mill Lion Timber Sale (FS- 60-91 R-4)	Lewis & Clark For.	11/18/91	Trail Creek
199	Mill/Lion Timber Sale (FS- 61-91 R-4)	Lewis & Clark For.	11/18/91	East Fork Mill Creek
200	Mill/Lion Timber Sale (FS- 62-91 R-4)	Lewis & Clark For.	11/18/91	Mill Creek
201	South Fork Sales (FS-63-91 R-4)	Lewis & Clark For.	11/18/91	Judith Basin
202	South Fork Sales (FS-63-91 R-4)	Lewis & Clark For.	11/18/91	Trib. to Bluff Mountain Creek
203	South Fork Sales (FS-64-91 R-4)	Lewis & Clark For.	11/18/91	Trib to Bluff Mountain Creek
204	Bluff Mountain Sale (FS-65- 91 R-4)	Lewis & Clark For.	11/18/91	Trib to Bluff Mountain Creek
205	Bluff Mountain Sale (FS-66- 91 R-4)	Lewis & Clark For.	11/18/91	Unnamed Trib to Bluff Mountain Creek
206	Bluff Mountain Sale (FS-67- 91 R-4)	Lewis & Clark For.	11/18/91	Trib to Bluff Mountain Creek
207	Deadhorse/Bluff Timber Sale (FS-68-91 R-4)	Lewis & Clark For.	11/18/91	Unnamed trib to Deadhorse Cr. #5 crossing
208	Deadhorse/Bluff Timber Sale (FS-69-91 R-4)	Lewis & Clark For.	11/18/91	Unnamed trib to Deadhorse Cr. #4 crossing
209	Deadhorse/Bluff Timber Sale (FS-70-91 R-4)	Lewis & Clark For.	11/18/91	Unnamed trib to S. Fk. Judith River #3 crossing
210	Deadhorse/Bluff Timber Sale (FS-71-91 R-4)	Lewis & Clark For.	11/18/91	Unnamed trib to Deadhorse Creek #2 crossing
211	Bluff/Deadhorse Timber Sale (FS-71-91 R-4)	Lewis & Clark For.	11/18/91	Unnamed trib to Deadhorse Creek #1 crossing

Table 3 Continued

212	Deadhorse/Bluff Timber Sale (FS-73-91 R-4)	Lewis & Clark For.	11/18/91	Cross Cr.
213	South Fork Sales (FS-74-91 R-4)	Lewis & Clark For.	11/18/91	Trib to Deadhorse Creek
214	Butcher Creek Nonpoint Source Pollution Project (MI-6-91 R-5)	Stillwater Con. Dist.	11/18/91	Butcher Creek
215	Oliver-Bear (FNF-124-19-91 R-1)	Hungry Horse Rang. District	11/19/91	Bear Creek
216	Keeler Creek (KNF-124-67-91 R-1)	Three Rivers Rang. Dist.	11/19/91	Keeler Creek
217	Sunset Creek Mine Reclamation (MISC-48-91 R-1)	Superior Ranger Dist.	11/22/91	Sunset Creek
218	Cellar Mistletoe Control Project (MISC-4-91 R-8)	Helena Dist. USFS	11/19/91	Cellar Gulch
219	Sheafman Creek (MISC-49-91 R-2)	City of Pinesdale	11/27/91	Sheafman Creek
220	Three Mile Creek Stabilization Plan (MISC-50- 91 R-2)	Bitterroot Con. Dist.	11/27/91	Three Mile Creek
221	Rainbow Spawning Channel (no regional #)	MDFWP	11/29/91	Missouri River
222	Teton River Bridge Maintenance (FS-75-91 F-4)	Lewis & Clark Nat. For.	12/3/91	North Fork Teton River
223	Teton River Flood Repair (FS-76-91, R-4)	Lewis & Clark Nat. For.	12/3/91	North Fork Teton River
224	Middle Creek (Hyalite) Dam (DNRC 2-92, R-3) (file moved forward from MISC-211-90 R- 3)	DNRC	12/9/91	Hyalite Creek (west fork) Blackmore Cr.
225	Sims Creek Road (KNF-124-68- 91 R-1)	Cabinet Rang. Dist.	12/18/91	Sims Creek

Table 3 Continued

226	Brown's Bridge FAS - Facility Upgrade (no reg. #)	MDFWP	12/19/91	Big Hole River
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<u>No.</u>	<u>Project Name</u>	<u>Agency</u>	<u>Date</u>	<u>Stream</u>
1	Antelope Creek Timber Sale	BLM Garnet Resource Area	1/3/92	South Fork Antelope Creek
2	Stream gaging station (MI-1-92 R-5)	USGS	1/17/92	Musselshell River
3	Elk Point Pipeline (MISC-1-91 R-3)	BLM	1/29/92	Gold Run Creek
4	Little N.F. Big Creek Bridge (KNF-124-1-92 R-1)	Rexford Rang. Dist.	2/5/92	Big Creek
5	Stevens Blacktail Timber Sale (KNF-124-2-92 R-1)	Cabinet Rang Dist.	2/11/92	Stevens Creek
6	Winkum Pass (KNF-124-3-92 R-1)	Three Rivers RD	2/11/92	South Fork Hawkins Creek
7	SRGR Flood Damage (MISC-77-91, R-4)	MDFWP	2/3/92	Rose Creek
8	Dike Riprap (MC-92-1, R-7)	City of Miles City	2/20/92	Yellowstone River
9	Gold Run Creek (Last Chance) (MISC-7-92 R-3)	BLM	2/18/92	Last Chance Culvert
10	Flood Repair South Fork Judith River (FS-2-92 R-4)	Lewis & Clark Nat. Forest	2/21/92	South Fork Judith River
11	Antique Light Pole Retrieval (CU-92-2 R-7)	City of Miles City	2/28/92	Tongue River
12	Seventeen Mile Creek Bridge (KNF-124-4-92 R-1)	Three Rivers RD	3/2/92	Seventeen Mile Creek
13	Byars Dam (KNF-124-5-92 R-1)	Three Rivers RD	3/2/92	Hensley Creek
14	Camas II Trail Construction (SPA-2-92 R-2)	Bitterroot Nat. For.	3/5/92	Camas Creek
15	Soap Gulch Pipeline Ext. (MISC-92-8 R-3)	BLM	3/10/92	Soap Gulch Creek
16	Hoffman Gulch Timber Sale (MISC-92-9 R-3)	State Lands	3/10/92	Hoffman Creek
17	SRWMA Flood Damage (MISC-3-92 R-4)	MDFWP	3/2/92	Barr Creek

Table 3. Continued

18	Challenge Blowdown Timber Sale (KNF-124-1-92 R-1)	H u n g r y Horse RD	2/26/92	Dodge Creek & Sign Creek
19	Schaebitz Road (LNF-124-1-92 R-1)	Plains RD Lolo NF	3/11/92	Spring Creek
20	Dyce East Fork Road #1878 (MISC-10-92 R-3)	BLM	3/13/92	East Fork Dyce Creek
21	Rattlesnake Creek (MISC-1-92 R-8)	State Lands	3/16/92	Rattlesnake Creek
22	Chinook Weir Project (MT-CDBG-91PF-02 R-6)	City of Chinook	3/17/92	Milk River
23	Little Gold Creek (SPA-4-92 R-2)	Deerlodge Nat. For.	3/18/92	Boulder Creek
24	Hospital Gulch Timber Sale (SPA-5-92 R-2)	State Lands	3/18/92	unnamed channel
25	Chinook Weir Project (B24(1-92 R-6)	City of Chinook	3/18/92	Milk River
26	Indian Creek Habitat Improvement (BLM-1-92 R-3)	BLM	3/26/92	Indian Creek
27	Sec. 14, Gallatin River (MISC-12-92, R-3)	ACOE	3/30/92	Gallatin River
28	Gold Prize Headbox (MISC-01-92, R-3)	BLM	4/2/92	Gold Prize Tributary
29	Sec. 14 Bank Stabilization (handled out of R-9)	ACOE	3/30/92	Gallatin River
30	Medicine Rock Creek Stream Improvement (MISC-4-92, R-4)	BLM	4/5/92	Medicine Rock Creek
31	Mud Little Timber Sale (KNF-124-6-92, R-1)	3 Rivers Rang. Dist.	4/8/92	Mud Creek
32	Ross Creek Bridge (KNF-124-7-92, R-1)	3 Rivers Rang. Dist.	4/8/92	Ross Creek
33	Keeler Creek RipRap (KNF-124-8-92, R-1)	3 Rivers Rang. Dist.	4/8/92	Keeler Creek
34	True Grit (KNF-124-9-92, R-1)	Canoe Gulch Rang. Dist.	4/8/92	Unnamed

Table 3. Continued

35	Flathead County RSID (MISC-124-1-92 R-1)	Hamilton Exc. & Rock	4/16/92	Unnamed
36	Threemile Water Quality Monitoring Project (SPA-7-92, R-2)	Bitterroot National Forest	4/17/92	Threemile Creek
37	Forsyth Dike Restoration (FOR-1-92, R-7)	City of Forsyth	4/17/92	Yellowstone River
38	Plank Bridge Removal (MISC-124-2-92, R-1)	State Lands	4/20/92	Unnamed
39	Hawley Creek Bridge (MI-1-92, R-5)	USFS	4/20/92	Main Boulder River
40	Emery Bay & Lost Johnny Point Boat Ramps (FNF-124-3-92, R-1)	Flathead National Forest	4/27/92	Hungry Horse Reservoir
41	W. Fk. Dry Creek Trail Bridge Replacement (LNF-124-2-92, R-1)	Plains - Thompson Falls R.D.	4/28/92	Unnamed Trib to W. Fk. Dry Creek
42	Lost Johnny Creek (FNF-124-2-92 R-1)	Flathead Nat. For.	4/28/92	Lost Johnny Creek
43	Glidden Timber Sale (Roads) (LNF-124-4-92, R-1)	Plains Rang. Sta.	4/28/92	Prospect Creek
44	Weber Gulch Trailhead Access Road-Reconstruction (LNF-124-5-92, R-1)	Plains Rang. Sta.	4/28/92	Weber Creek
45	Fat Eddy Salvage Timber Sale (KNF-C-124-1-92, R-1)	Cabinet View R.D.	4/28/92	Unnamed Springs
46	North Baldy Timber Sale (LNF-124-6-92, R-1)	Plains Rang. Dist.	4/30/92	5 drainages
47	Gravel removal (MISC-7-92, R-4)	Glacier Nat. Park	5/4/92	Divide Creek
48	Rock Creek/Valley of the Moon Interp. Trail (SPA-9-92, R-2)^]	Missoula Rang. Dist.	5/7/92	Rock Creek Side Channels
49	Petty Sheep Viewing Trail (SPA-10-92, R-2)	Ninemile Rang. Dist.	5/7/92	Petty Creek
50	Stoneman Timber Sale (SPA-11-92, R-2)	Superior Rang. Dist.	5/7/92	unnamed trib to Keystone Creek

Table 3. Continued

51	Spring Gulch Crossing (SPA-12-92, R-2)	Missoula Rang. Dist.	5/7/92	Spring Gulch Creek
52	Dick Creek Timber Sale (SPA-13-92, R-2)	Missoula Rang. Dist.	5/7/92	Dick Creek, South Fork Lolo Tributaries
53	Culvert on West Fork Lolo Creek Tributary (SPA-14-92, R-2)	Missoula Rang. Dist.	5/7/92	West Fork Lolo Creek Trib.
54	Brewster Creek Crossing (Rd #308) (SPA-15-92, R-2)	Missoula Rang. Dist.	5/7/92	Brewster Creek
55	Randolph Creek Reconstruction (SPA-16-92, R-2)	Superior Rang. Dist.	5/7/92	Randolph Creek
56	Treasure Mountain Timber Sale (SPA-8-92, R-2)	Helena Rang. Dist.	5/7/92	no name trib of Telegraph Cr.
57	Sec. 14 Bank Stabilization Yellowstone River, Hwy. 89 (MISC-2-92, R-3)	USACOE	5/13/92	Yellowstone River
58	Bitterroot Riprap (SPA-18-92, R-2)	Bitterroot Nat. Forest	5/27/92	
59	Darby Lost Trail Highway (SPA-17-92, R-2)	FHWA, WFLHD	5/27/92	Dick, Camp & Waugh Creeks
60	Lower English George Culvert (MISC-14-92, R-3)	M D F W P - Wildlife	6/1/92	English George Creek
61	Hyde Creek Culvert (MISC-15-92, R-3)	M D F W P - Wildlife	6/1/92	Hyde Creek
62	St. Paul Pass Tunnel Closure (SPA-19-92, R-2)	Superior Rang. Dist.	6/2/92	Tributary to Rainy Creek
63	Rainy Creek Reconstruction (SPA-20-92, R-2)	Superior Rang. Dist.	6/2/92	Unnamed Tribs to Rainy Creek
64	Packran Timber Sale (SPA-21-92, R-2)	Superior Rang. Dist.	6/2/92	Unnamed Tribs to W. Fk. Packran Creek
65	Section 14 Bank Stabilization, Yellowstone River, Highway 89 (MISC-3-92, R-3)	COE	6/3/92	Yellowstone River

Table 3. Continued

66	Section 14 Bank Stabilization, Shields River (MISC_4-92, R-3)	COE	6/3/92	Shields River
67	Section 14 Bank Stabilization, Yellowstone River, Hwy 89-7 mi.east of Livingston	COE	6/3/92	Yellowstone River
68	Treasure Mountain Timber Sale (SPA-22-92, R-2)	Helena Rang. Dist.	6/4/92	Telegraph
69	Ninemile Watershed Project (SPA-23-92, R-2)	Missoula Co. Con. Dist.	6/5/92	Ninemile Creek
70	Bootjack Lake Spawning Habitat Improvement (MISC-124-5-92 R-1)	MDFWP	6/8/92	Bootjack Lake Inlet
71	Wallace Pipeline and Collection Box (BNF-1-92, R-3)	Wisdom Rang. Dist.	6/17/92	N Fk Salefsky Cr. & Goris Gulch
72	Lamb Chop Timber Sale (KNF-10-124-92 R-1)	Murphy Lakr Rang. Dist.	6/17/92	Sheep Creek
73	Inch Mountain Timber Sale (KNF-11-124-92 R-1)	Rexford Rang. Dist.	6/17/92	Flat Creek
74	Pipe Creek Habitat (KNF-12-124 R-1)	Libby Rang. Dist.	6/17/92	Pipe Creek
75	Rice Meadows Water Control Structure (KNF-13-124-92 R-1)	Libby Rang. Dist.	6/17/92	Pipe Creek
76	Cripple Horse Creek road block (KNF-14-124-92 R-1)	Fisher River Rang. Dist.	6/17/92	Cripple Horse Creek
77	Fourth of July Creek Gabion Placement (KNF-16-124-92 R-1)	Libby Rang. Dist.	6/17/92	Fourth of July Creek
78	Basin Creek Culvert (KNF-17-124-92 R-1)	Fortine Rang Dist	6/17/92	Basin Creek
79	Culvert in Tributary of Blue Sky Creek (KNF-18-124-92 R-1)	Kootenai Nat. For.	6/17/92	Blue Sky Creek
80	Grouse Keeler Road Construction (KNF-20-124-92 R-1)	Three Rivers Rang Dist.	6/17/92	N. Fk. Keeler Creek

Table 3. Continued

81	Waper Ridge Osr. Timber Sale (11-124-92 R-1)	Three Rivers Rang. Dist.	6/17/92	Yaak River
82	Cool Otis Timber Sale (19- 124-92 R-1)	Three Rivers Rang. Dist.	6/17/92	Otis Creek
83	Pete Creeks Roads (22-124-92 R-1)	Three Rivers Rang. Dist.	6/17/92	Pete, Beetle & Slim Creek
84	Pork Basin Timber Sale (KNF- 7-124-91 R-1) extension	Three Rivers Rang. Dist.	6/17/92	Porcupine Creek
85	Hiatt Creek Road Repair MP 1.5 (KNF-54-124-91 R-1) extension	Three Rivers Rang. Dist.	6/17/92	Hiatt Creek
86	Big Flat Road Mtce Project (SPA-26-92 R-2)	Superior Rang Dist	6/23/92	Mink Creek
87	Elliott Creek (Paladin) Spawning Structures (MISC- 124-3-92, R-1)	MDFWP-R-1	6/24/92	Elliott Creek
88	Florence Bridge FAS Site Improvement (SPA-27-92, R-2)	MDFWP/D&C	6/24/92	Bitterroot River
89	Diamond Willow Bank Stabilization (FAS-1-92, R-7)	MDFWP/D&C	6/26/92	Yellowstone River
90	Doak Creek Log Placement (KNF-15-124-92, R-1)	Libby Rang. Dist.	6/26/92	Doak Creek
91	Lost Grouse Exploration (KNF- 21-124-92, R-1)	Libby Rang. Dist.	6/26/92	Man-made trib to Libby Creek
92	McBridge suction dredging (KNF-23-124-92, R-1)	Libby Rang. Dist.	6/26/92	Bear Creek & Ramsey Creek
93	Alexander suction dredging (KNF-24-124-92, R-1)	Libby Rang. Dist.	6/26/92	Leigh Creek
94	Mattot suction dredging (KNF- 25-124-92, R-1)	Libby Rang. Dist.	6/26/92	Libby Creek & Cherry Creek
95	Dagget suction dredging (KNF- 26-12-92, R-1)	Libby Rang. Dist.	6/26/92	Libby Creek

Table 3. Continued

96	Recreational dredging (KNF-27-124-92, R-1)	Libby Rang. Dist.	6/26/92	Libby Creek
97	Snow Creek log placement (KNF-29-124-92, R-1)	Libby Rang. Dist.	6/26/92	Snow Creek
98	Cowell Creek Log Placement (KNF-30-124-92, R-1)	Libby Rang. Dist.	6/26/92	Cowell Creek
99	HooDoo log placement (KNF-31-124, R-1)	Libby Rang. Dist.	6/26/92	HooDoo Creek
100	Poorman Creek bank stabilization (KNF-32-124-92, R-1)	Libby Rang. Dist.	6/26/92	Poorman Creek
101	Deep Creek bank stabilization (KNF-33-124-92, R-1)	Libby Rang. Dist.	6/26/92	Deep Creek
102	Little Birch Creek Sale (DSL-10-92, R-4)	State Lands	6/26/92	Little Birch Creek
103	Southwest Great Falls Storm Drainage Outfall (MISC-12-92, R-4)	City of Great Falls	6/26/92	Missouri River
104	Little Birch Creek Sale (DSL-11-92, R-4)	Dept. of State Lands	6/26/92	Little Birch Creek
105	East Fork Mill Creek Bridge Replacement (GNF-1-92, R-3)	Livingston Rang. Dist.	6/30/92	East Fork Mill Creek
106	Mill Creek Winter Habitat Enhancement (GNF-2-92, R-3)	Livingston Rang. Dist.	6/30/92	Mill Creek
107	North Madison One (MISC-17-92, R-3)	State Lands	6/30/92	Ruby River