



UNITED STATES DEPARTMENT OF THE INTERIOR
Fish and Wildlife Service
Division of Federal Aid

OMB Approval No. 1018-0049 Expires 07/31/1991

PROJECT AGREEMENT

DOCUMENT CONTROL	
ORGANIZATION CODE	DOCUMENT NO.

STATE
MONTANA

PROJECT NO.
F-41-D

SEGMENT NO.
6

PROJECT TITLE
IMPROVEMENTS OF FISH REARING FACILITIES AT
BIG SPRINGS FISH HATCHERY

AGREEMENT PERIOD

From: July 1, 1990

To: November 1, 1990

PROJECT COST DISTRIBUTION

- ☒ Federal Aid in Sport Fish Restoration Act
(16 U.S.C. 777-777k) 50 CFR Part 80
☐ Federal Aid in Wildlife Restoration Act
(16 U.S.C. 669-669i) 50 CFR Part 80
☐ Other (specify) _____

TOTAL

Total Cost	State Share	Federal Share
6,113.03	1,816.15	4,296.88
6,113.03	1,816.15	4,296.88

OTHER PROJECT PROVISIONS

The State agrees to execute the project in accordance with the Acts checked above, and the pertinent rules and regulations of the Secretary of the Interior contained in Title 50 of the Code of Federal Regulations; the U.S. Fish and Wildlife Service Federal Aid Manual; and the previously approved Application for Federal Assistance to the extent encompassed by this Agreement, including the Assurances attached thereto.

STATE AGENCY (Name and Address)

Montana Department of Fish, Wildlife and Parks
1420 East Sixth Avenue
Helena, MT 59620

SIGNATURE

Roberta J. Balay

TITLE

Federal Aid Coordinator

DATE

6/8/90

SPECIAL PROJECT CONDITIONS

APPROVED FOR THE SECRETARY OF THE INTERIOR
SIGNATURE

TITLE

DATE



STATE COPY

OMB Approval No. 1018-0049 Expires 07/31/1991

UNITED STATES DEPARTMENT OF THE INTERIOR
Fish and Wildlife Service
Division of Federal Aid

PROJECT AGREEMENT

DOCUMENT CONTROL	
60152	09030
ORGANIZATION CODE	DOCUMENT NO.

STATE
MONTANAPROJECT NO.
F-41-DSEGMENT NO.
6

AGREEMENT PERIOD

From: July 1, 1990

To: November 1, 1990

PROJECT TITLE
IMPROVEMENTS OF FISH REARING FACILITIES AT
BIG SPRINGS FISH HATCHERY

PROJECT COST DISTRIBUTION

- ☒ Federal Aid in Sport Fish Restoration Act
(16 U.S.C. 777-777k) 50 CFR Part 80
- ☐ Federal Aid in Wildlife Restoration Act
(16 U.S.C. 669-669i) 50 CFR Part 80
- ☐ Other (specify) _____

TOTAL

Total Cost	State Share	Federal Share
6,113.03	1,816.15	4,296.88
6,113.03	1,816.15	4,296.88

OTHER PROJECT PROVISIONS

The State agrees to execute the project in accordance with the Acts checked above, and the pertinent rules and regulations of the Secretary of the Interior contained in Title 50 of the Code of Federal Regulations; the U.S. Fish and Wildlife Service Federal Aid Manual; and the previously approved Application for Federal Assistance to the extent encompassed by this Agreement, including the Assurances attached thereto.

STATE AGENCY (Name and Address)

Montana Department of Fish, Wildlife and Parks
1420 East Sixth Avenue
Helena, MT 59620

SIGNATURE

Roberta J. Balay

TITLE

Federal Aid Coordinator

DATE

6/8/90

SPECIAL PROJECT CONDITIONS

APPROVED FOR THE SECRETARY OF THE INTERIOR

SIGNATURE

James A. Blackwell

TITLE

Deputy Assistant Regional
Director for Federal Aid

DATE

JUN 20 1990

Form 3-1552

(Revised Mar., 1983)

STATE COPY

JOB DESCRIPTION

State: MONTANA

Project No. F-41-D-6

Job Title: Improvements of Fish Rearing Facilities at
Big Springs Fish Hatchery

Job Objectives:

To return Big Springs Hatchery to a unit capable of full production by replacing the four raceways with 8-10 smaller ones in a location where they can utilize an additional water source.

Procedures:

Construction of this project was completed as required in Segment 3. Purpose of Segment 6 is to continue bond payments as required in bond payment schedule series, 1985A.

Location of Work:

Big Springs Trout Hatchery, Fergus County, Montana

Technical Personnel:

Larry Peterman, Administrator
Thurston Dotson, Hatchery Bureau Chief
Howard Johnson, Management Bureau Chief
Jack Boyce, Hatchery Manager

Job Duration:

July 1, 1990 through November 1, 1990

Report Period:

July 1, 1990 through November 1, 1990

Cost: \$6,113.03 Federal Share: 70% State Share: 30%

JOB DESCRIPTION

STATE: MONTANA

PROJECT NO.: F-41-D-5

JOB TITLE: IMPROVEMENTS OF FISH REARING FACILITIES AT BIG SPRINGS
FISH HATCHERY

Job Objectives

To return Big Springs Hatchery to a unit capable of full production by replacing the four raceways with 8-10 smaller ones in a location where they can utilize an additional water source.

Procedures

Construction of this project was completed as required in Segment 3. Purpose of Segment 5 is to continue bond payments as required in bond payment schedule series, 1985A.

Location of Work

Big Springs Trout Hatchery, Fergus County, Montana.

Technical Personnel

Larry Peterman, Administrator
Thurston Dotson, Hatchery Bureau Chief
Howard Johnson, Management Bureau Chief
Jack Boyce, Hatchery Manager

Job Duration: July 1, 1989 through June 30, 1990

Report Period: July 1, 1989 through June 30, 1990

Cost: \$73,228.00 Federal Share: 70% State Share: 30%

Updated 8-23-90

STATE COPY



UNITED STATES DEPARTMENT OF THE INTERIOR
Fish and Wildlife Service
Division of Federal Aid

PROJECT AGREEMENT

OMB Approval No. 1018-0049 Expires ~~8/31/85~~ 7-31-91

DOCUMENT CONTROL

60152
ORGANIZATION CODE

89030
DOCUMENT NUMBER

STATE

Montana

PROJECT NO.

F-41-D-1

SEGMENT NO.

5

AGREEMENT PERIOD

From: July 1, 1989

To: June 30, 1990

PROJECT TITLE

Improvements of Fish Rearing Facilities at
Big Springs Fish Hatchery

PROJECT COST DISTRIBUTION

- ☒ Federal Aid in Sport Fish Restoration Act
(16 U.S.C. 777-777k) 50 CFR Part 80
☐ Federal Aid in Wildlife Restoration Act
(16 U.S.C. 669-669i) 50 CFR Part 80
☐ Other (specify) _____

TOTAL

Total Cost	State Share	Federal Share
\$73,228	\$22,009	\$51,219
\$73,228	\$22,009	\$51,219

OTHER PROJECT PROVISIONS

The State agrees to execute the project in accordance with the Acts checked above, and the pertinent rules and regulations of the Secretary of the Interior contained in Title 50 of the Code of Federal Regulations; the U.S. Fish and Wildlife Service Federal Aid Manual; and the previously approved Application for Federal Assistance to the extent encompassed by this Agreement, including the Assurances attached thereto.

STATE AGENCY (Name and Address)

Montana Department of Fish, Wildlife and Parks
1420 East Sixth Avenue
Helena, MT 59620

SIGNATURE

TITLE

DATE

Roberta J. Balaz

Federal Aid Coordinator

6-22-89

SPECIAL PROJECT CONDITIONS

Approved Effective JUL 1 1989

APPROVED FOR THE SECRETARY OF THE INTERIOR

SIGNATURE

TITLE

DATE

Henry J. Blackear

Deputy Assistant Regional
Director for Federal Aid

JUL 6 1989



UNITED STATES DEPARTMENT OF THE INTERIOR
Fish and Wildlife Service
Division of Federal Aid

PROJECT AGREEMENT

STATE COPY

OMB Approval No. 1018-0049 Expires 8/31/85

DOCUMENT CONTROL

60152

80109

ORGANIZATION CODE

DOCUMENT NUMBER

STATE

MONTANA

PROJECT NO.

F-41-D

SEGMENT NO.

4

PROJECT TITLE
IMPROVEMENTS OF FISH REARING FACILITIES AT BIG
SPRINGS FISH HATCHERY

AGREEMENT PERIOD

From: July 1, 1988

To: June 30, 1989

PROJECT COST DISTRIBUTION

- ☒ Federal Aid in Sport Fish Restoration Act
(16 U.S.C. 777-777k) 50 CFR Part 80
☐ Federal Aid in Wildlife Restoration Act
(16 U.S.C. 669-669i) 50 CFR Part 80
☐ Other (specify) _____

Total
Cost

State
Share

Federal
Share

71,484

24,304

47,180

TOTAL

71,484

24,304

47,180

OTHER PROJECT PROVISIONS

The State agrees to execute the project in accordance with the Acts checked above, and the pertinent rules and regulations of the Secretary of the Interior contained in Title 50 of the Code of Federal Regulations; the U.S. Fish and Wildlife Service Federal Aid Manual; and the previously approved Application for Federal Assistance to the extent encompassed by this Agreement, including the Assurances attached thereto.

STATE AGENCY (Name and Address)

Montana Department of Fish, Wildlife and Parks
1420 East Sixth Avenue
Helena, Montana 59620

SIGNATURE

Roberta J. Balaz

TITLE

Federal Aid Coordinator

DATE

June 10, 1988

SPECIAL PROJECT CONDITIONS

APPROVED FOR THE SECRETARY OF THE INTERIOR

SIGNATURE

TITLE

DATE

Chief, Division of Federal Aid

JUN 22 1988

STATE COPY

JOB DESCRIPTION

State: Montana

Project No: F-41-D-4

Job Title: Improvements of Fish Rearing Facilities at Big
 Springs Fish Hatchery

Job Objectives:

To return Big Springs Hatchery to a unit capable of full production by replacing the four raceways with 8-10 smaller ones in a location where they can utilize an additional water source.

Procedures:

Construction of this project was completed as required in segment 3. Purpose of segment 4 is to continue bond payments as required in bond payment schedule series, 1985A.

Location of Work:

Big Springs Trout Hatchery, Fergus County, Montana

Technical Personnel:

Patrick Graham, Administrator
Thurston Dotson, Hatchery Bureau Chief
Steve McMullin, Management Bureau Chief
Jack Boyce, Hatchery Manager

Job Duration:

July 1, 1988 through June 30, 1989

Report Period:

July 1, 1988 through June 30, 1989

Cost: \$71,484 Federal Share: 66% State Share: 34%

STATE COPY

OMB Approval No. 1018-0049 Expires 8/31/85



UNITED STATES DEPARTMENT OF THE INTERIOR
Fish and Wildlife Service
Division of Federal Aid

PROJECT AGREEMENT

DOCUMENT CONTROL	
60152	700 80
ORGANIZATION CODE	DOCUMENT NUMBER

STATE MONTANA	
PROJECT NO. F-41-D	SEGMENT NO. 3

PROJECT TITLE
**Improvements of Fish Rearing
Facilities at Big Spring Fish Hatchery**

AGREEMENT PERIOD
From: **7/1/87**
To: **6/30/88**

PROJECT COST DISTRIBUTION

- ☒ Federal Aid in Sport Fish Restoration Act
(16 U.S.C. 777-777k) 50 CFR Part 80
☐ Federal Aid in Wildlife Restoration Act
(16 U.S.C. 669-669i) 50 CFR Part 80
☐ Other (specify) _____

Total Cost	State Share	Federal Share
71,217	27,045	44,172
71,217	27,045	44,172

TOTAL

OTHER PROJECT PROVISIONS

The State agrees to execute the project in accordance with the Acts checked above, and the pertinent rules and regulations of the Secretary of the Interior contained in Title 50 of the Code of Federal Regulations; the U.S. Fish and Wildlife Service Federal Aid Manual; and the previously approved Application for Federal Assistance to the extent encompassed by this Agreement, including the Assurances attached thereto.

STATE AGENCY (Name and Address)

Montana Department of Fish, Wildlife, & Parks
1420 East Sixth Avenue
Helena, Montana 59620

SIGNATURE <i>Roberto J. Balaz</i>	TITLE Federal Aid Coordinator	DATE June 11, 1987
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SPECIAL PROJECT CONDITIONS

APPROVED FOR THE SECRETARY OF THE INTERIOR

SIGNATURE <i>James J. Blackard</i>	TITLE Chief, Division of Federal Aid	DATE JUN 25 1987
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Form 3-1552
(Revised Mar. 1983)

STATE COPY

1984 778-278

JOB DESCRIPTION

STATE: MONTANA

PROJECT NO: F-41-D

JOB TITLE:

Improvements of Fish Rearing Facilities at Big Springs Fish Hatchery

JOB OBJECTIVES:

To return Big Springs Hatchery to a unit capable of full production by replacing the four raceways with 8-10 smaller ones in a location where they can utilize an additional water source.

Bonds have been sold to fund this project and Federal Assistance is requested to help pay the principal portion of the repayment.

PROCEDURES:

Construction of this project is in progress and scheduled for completion by September 15, 1987.

LOCATION:

Big Springs Trout Hatchery. Fergus County, Montana

JOB DURATION:

July 1, 1987 through June 30, 1988

REPORT PERIOD:

July 1, 1987 through June 30, 1988

COSTS:

\$71,217 - Federal Share: 62%; State Share: 38%

TECHNICAL PERSONNEL:

Patrick Graham, Administrator
Thurston Dotson, Hatchery Bureau Chief
Steve McMullin, Management Bureau Chief
Jack Boyce, Hatchery Manager

STATE COPY

OMB Approval No. 1018-0049 Expires 8/31/85



UNITED STATES DEPARTMENT OF THE INTERIOR
Fish and Wildlife Service
Division of Federal Aid

DOCUMENT CONTROL

60152 60079
ORGANIZATION CODE DOCUMENT NUMBER

PROJECT AGREEMENT

STATE

Montana

PROJECT NO.

F-41-D

SEGMENT NO.

2

PROJECT TITLE

Improvements of Fish Rearing Facilities at
Big Spring Fish Hatchery

AGREEMENT PERIOD

From: 7/1/86

To: 6/30/87

PROJECT COST DISTRIBUTION

- ☒ Federal Aid in Sport Fish Restoration Act
(16 U.S.C. 777-777k) 50 CFR Part 80
☐ Federal Aid in Wildlife Restoration Act
(16 U.S.C. 669-669i) 50 CFR Part 80
☐ Other (specify) _____

TOTAL

Total Cost	State Share	Federal Share
\$72,666	\$30,643	\$42,023
\$72,666	\$30,643	\$42,023

OTHER PROJECT PROVISIONS

The State agrees to execute the project in accordance with the Acts checked above, and the pertinent rules and regulations of the Secretary of the Interior contained in Title 50 of the Code of Federal Regulations; the U.S. Fish and Wildlife Service Federal Aid Manual; and the previously approved Application for Federal Assistance to the extent encompassed by this Agreement, including the Assurances attached thereto.

STATE AGENCY (Name and Address)

Montana Department of Fish, Wildlife, & Parks
1420 East Sixth Avenue
Helena, Montana 59620

SIGNATURE

Don Chidress

TITLE

Acting Federal Aid
Coordinator

DATE

June 13, 1986

SPECIAL PROJECT CONDITIONS**APPROVED FOR THE SECRETARY OF THE INTERIOR**

SIGNATURE

TITLE

Chief, Division of Federal Aid

DATE

JUN 26 1986

Form 3-1532
(Revised Mar. 1983)

STATE COPY

1984 778-278

JOB DESCRIPTION

State: MONTANA

Project No: F-41-D

Job Title: Improvements of Fish Rearing Facilities at Big Spring Fish Hatchery

Objectives:

The objective of this job is to fund the principle portion of the monthly costs of retiring this years portion of \$300,000 worth of construction bonds. Money already received from the sale of these bonds is being used to replace a series of 10' x 80' concrete raceways at our Big Springs Trout Hatchery near Lewistown. The present ponds are over 25 years old and have deteriorated to where they can no longer be used. We will replace as many of the present raceways as the funding will allow after the engineering design costs have been paid.

The expected production of 4-inch rainbow or cutthroat is 60,000-70,000 fish per raceway.

The major tasks to be undertaken this year are selection of a construction firm through the states formal bidding process and construct the raceways.

Location of Work:

Big Springs Fish Hatchery is located approximately 7 miles southeast of Lewistown, Montana. Production of fingerling rainbow trout from this hatchery services the entire state of Montana.

Technical Personnel:

Arthur Whitney, Fisheries Division Administrator
Vacant, Hatchery Bureau Chief
Pat Graham, Management Bureau Chief
Jack Boyce, Hatchery Manager

Job Duration:

July 1, 1986 through June 30, 1987

Cost:

Total \$72,666 - Federal Share \$42,023, State Share \$30,643

Allocation of Costs:

Raceway construction - \$72,666



United States Department of the Interior
FISH AND WILDLIFE SERVICE

IN REPLY REFER TO:

WR ACU
MAIL STOP 60130

MAILING ADDRESS:
Post Office Box 25486
Denver Federal Center
Denver, Colorado 80225

STREET LOCATION:
134 Union Blvd.
Lakewood, Colorado 80228

RECEIVED

SEP 24 1986

SEP 24 1986

FEDERAL ASSISTANCE

MEMORANDUM

To: Chief, Division of Federal Aid
Attn: Fishery Resources

From: Regional Historic Preservation Officer

Subject: Big Springs Hatchery Project (Montana)

The Montana State Historic Preservation Officer and the Montana Fish and Game Department, as well as the Lewistown Certified Local Government, have reached agreement regarding mitigation procedures for the above project. A Memorandum of Agreement to that affect will be signed in the near future.

Therefore, please release any funding that was withheld pending agreement by the Montana Game and Fish Department. Thank you for your assistance in this matter.

Garry L. Rowlett





State of Montana
Office of The Lieutenant Governor
Helena 59620
(406) 444-3111

GEORGE TURMAN
LIEUTENANT GOVERNOR

October 18, 1985

Mr. Arthur N. Whitney
MT Department of Fish, Wildlife
and Parks
Fisheries Division
1420 East Sixth Avenue
Helena, MT 59620

RE: Amendment - Revised Schedule of Costs - Improvement of Fish Rearing
Facilities at Big Springs State Fish Hatchery - Lewistown, MT
Montana State IGR Clearinghouse SAI No. MT851018-205-X

Dear Mr. Whitney:

The above-captioned amendment has been received. In order to provide notification to parties that may be interested in review and/or comment on the proposal, it will be listed in the next Intergovernmental Review Bulletin issued from this office.

Any inquiries or comments regarding the proposal will be directed to your office. Please provide copies of the enclosed suggested review form to potential reviewers - those you feel should be invited to comment, as well as to any who may request the opportunity to do so. Copies of any comments received, along with this letter, should be submitted to the federal funding agency with the application papers, or forwarded to them to be attached to it if they are received after the application has been sent in. We have asked that comments be returned to your office by November 18, 1985, and that copies be sent to the Clearinghouse for our files.

The Clearinghouse intends to take no further action on this proposal.

Sincerely,

A handwritten signature in cursive script that reads "Sue Heath".

SUE HEATH
Clearinghouse Manager

Enclosure

RECEIVED

OCT 21 1985

FEDERAL AS- ICE



United States Department of the Interior
FISH AND WILDLIFE SERVICE

IN REPLY REFER TO:

FA 60152
MT-F-39/41-D

MAILING ADDRESS:
Post Office Box 25486
Denver Federal Center
Denver, Colorado 80226

STREET LOCATION:
134 Union Blvd.
Lakewood, Colorado 80228

FISHERIES DIVISION

RECEIVED
DEC 23 1985
DIRECTOR'S OFFICE

DEC 19 1985

Jim Flynn, Director
Montana Department of Fish,
Wildlife and Parks
1420 East 6th Avenue
Helena, MT 59620

Dear Jim:

Enclosed are your approved copies of the Application for Federal Assistance and Project Agreement for Segment No. 1 of Federal Aid Projects F-39-D, "Improvement of Fish Rearing Facilities at Washoe Park Trout Hatchery", and F-41-D, "Improvement of Fish Rearing Facilities at Big Springs Fish Hatchery." Please note the effective approval date for these documents is December 10, 1985. This is the date the FONSI for each project was signed and is the earliest date the projects could be approved under NEPA guidelines.

Since some documentation of the above projects and for Federal Aid Project F-40-D, "Expansion and Improvement of Miles City Fish Hatchery for Production and Stocking of Warm/Cool Water Sport Fish" were received in July of this year, we wish to give a brief accounting of why these projects required so much time to process. Drafts of the program narrative and environmental assessment (EA) were informally submitted for comment in July. Mr. Al Elser was told that documents appeared to be based on a substantial fishery need and could be funded by FA. On September 23, project documents for F-39/40/41-D were formally submitted to FA. Both Mr. Dale Witt and Mr. Elser stated that no work was to begin on any of these projects until 1986 and that only expenses which could be covered under preliminary costs would be incurred prior to that time. On October 15, Mr. Witt called and stated that the State had sold bonds to support these three projects in July 1985, although project documents received by FA specifically stated no bonds would be sold prior to July 1987. From this point, FA worked closely with Mr. Witt to process project documents for F-40-D since it comprised 90% of the bonding costs prior to the next payment deadline of October 25. Project documents for F-40-D were approved effective October 24, with the understanding that documents for F-39/41-D would be revised and resubmitted to FA. These revisions were received by FA on Friday, November 22, making it impossible to process the documents prior to the next bond payment date of November 25. These documents had also been signed by Mr. Richard L. Johnson who is not authorized to sign Federal Aid documents. Project documents signed by Dale Witt received by us on December 9 were approved on December 10.

STATE COPY

A/C 85-35-19

OMB Approval No. 1018-0049 Expires 8/31/85

UNITED STATES DEPARTMENT OF THE INTERIOR
Fish and Wildlife Service
Division of Federal Aid

PROJECT AGREEMENT

DOCUMENT CONTROL

60152 ORGANIZATION CODE 60003 DOCUMENT NUMBER

STATE
Montana

PROJECT NO. F-41-D SEGMENT NO. 1

AGREEMENT PERIOD

From: 11/1/85

To: 6/30/86

PROJECT TITLE Improvement of Fish Rearing
Facilities at Big Springs State Fish Hatchery

PROJECT COST DISTRIBUTION

- ☒ Federal Aid in Sport Fish Restoration Act
(16 U.S.C. 777-777k) 50 CFR Part 80
- ☐ Federal Aid in Wildlife Restoration Act
(16 U.S.C. 669-669i) 50 CFR Part 80
- ☐ Other (specify) _____

TOTAL

Total Cost	State Share	Federal Share
47,896	21,771	26,125
47,896	21,771	26,125

OTHER PROJECT PROVISIONS

~~The total project costs include the indirect costs at the negotiated rate of 15.5%~~

The State agrees to execute the project in accordance with the Acts checked above, and the pertinent rules and regulations of the Secretary of the Interior contained in Title 50 of the Code of Federal Regulations; the U.S. Fish and Wildlife Service Federal Aid Manual; and the previously approved Application for Federal Assistance to the extent encompassed by this Agreement, including the Assurances attached thereto.

STATE AGENCY (Name and Address)

Montana Department of Fish, Wildlife, & Parks
1420 East Sixth Avenue
Helena, Montana 59620

SIGNATURE

TITLE

DATE

Walter W. Winters

Federal Aid Coordinator

December 4, 1985

SPECIAL PROJECT CONDITIONS

This project is approved with the understanding that the State agree to complete the project even if Federal funds are not available as required in FR 50 (101):21448, Sections 80.25,B(2).

Approved effective DEC 10 1985

APPROVED FOR THE SECRETARY OF THE INTERIOR

SIGNATURE

TITLE

DATE

Chas E. Brey

Chief, Division of Federal Aid

DEC 19 1985

STATE COPY

JOB DESCRIPTION

State: Montana

Project No: _____

Job Title: Improvements of Fish Rearing Facilities at Big Springs Fish Hatchery

Objectives:

The objective of this job is to fund the principle portion of the monthly costs of retiring this years portion of \$300,000 worth of construction bonds. Money already received from the sale of these bonds will be used to replace a series of 10' X 80' concrete raceways at our Big Springs Trout Hatchery near Lewistown. The present ponds are over 25 years old and have deteriorated to where they can no longer be used. We will replace as many of the present raceways as the funding will allow after the engineering design costs have been paid. The expected production of 4-inch rainbow or cutthroat is 60-70,000 fish per raceway.

The major tasks to be undertaken this year are completion of the engineering design, preparation of bid documents and selection of a construction firm through the states formal bidding process. If these are completed before July 1, 1986 it is possible some early construction costs may also be paid.

Location of Work:

Big Springs Fish hatchery is located approximately 7 miles southeast of Lewistown, Montana. Production of fingerling rainbow trout from this hatchery services the entire state of Montana.

Technical Personnel:

Arthur Whitney, Fisheries Division Administrator
Emmett Colley, Hatchery Bureau Chief
Vacant, Management Bureau Chief
Gary Shaver, Acting Hatchery Manager

Job Duration:

November 1, 1985 through June 30, 1986.

Cost:

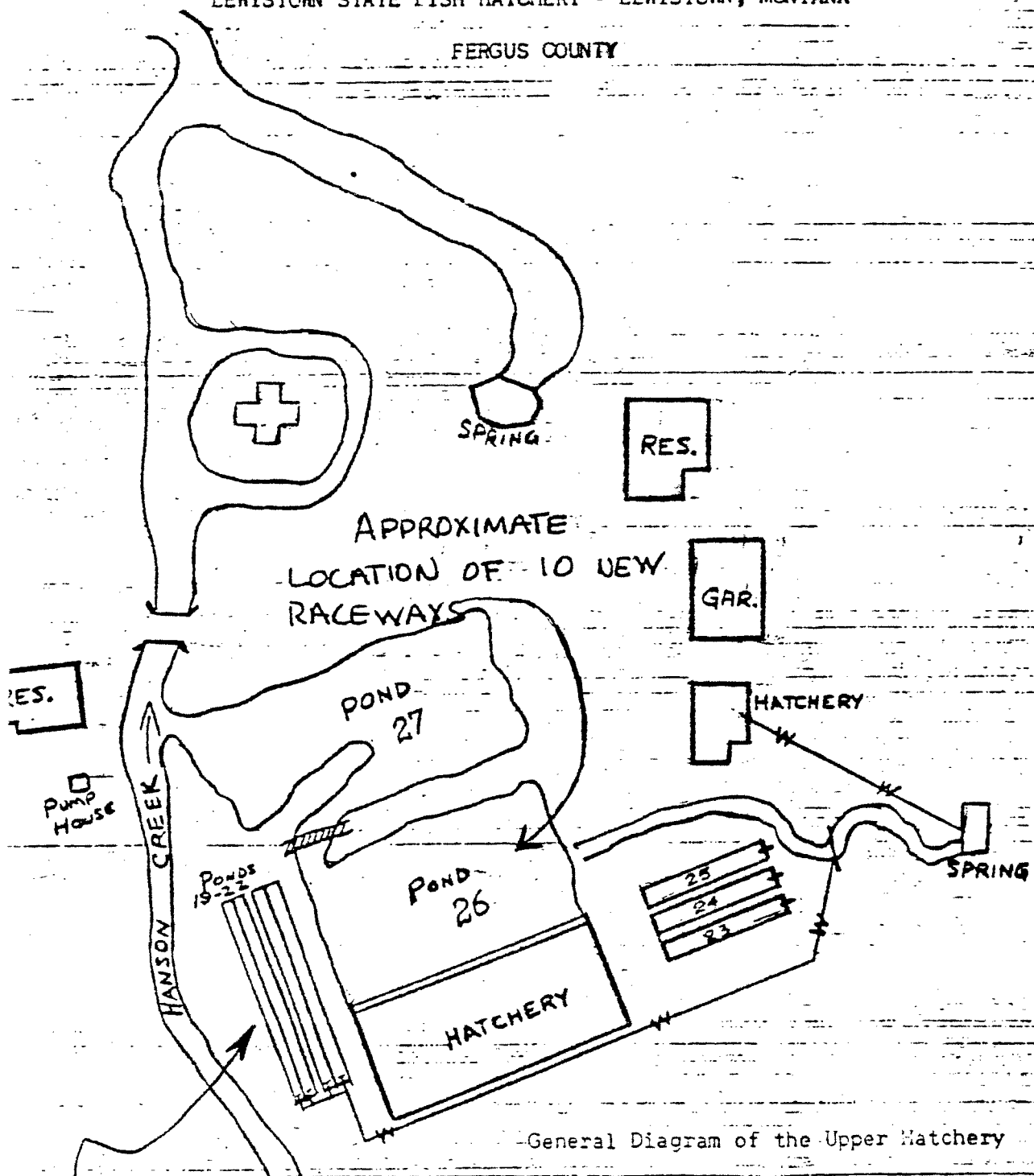
Total \$47,896 - Federal Share \$26,125, State Share \$21,771

Allocation of Costs

Engineering & design - \$30,000
Raceway construction - \$17,896

LEWISTOWN STATE FISH HATCHERY - LEWISTOWN, MONTANA

FERGUS COUNTY



General Diagram of the Upper Hatchery

RACEWAYS TO BE
REMOVED

Bond Payment Schedule
\$5,450,000 General Obligation Bonds
Fish, Wildlife and Parks

Series 1985A

Payment Date	Interest	Principal	Federal Share of				Miles City (89.92%)	Lewisistown (5.52%)	Anaconda (4.62%)	Total Federal	Total State	Total Payment
			Principal	(75%)								
August 25, 1985	\$ 35,924.82	\$ 79,166.66	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$115,091.48	\$ 115,091.48
September 25, 1985	35,924.82	79,166.66	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	115,091.48	115,091.48
October 25, 1985	35,924.82	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	115,091.48	115,091.48
November 25, 1985	35,924.82	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	115,091.48	115,091.48
December 25, 1985	35,924.82	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	115,091.48	115,091.48
January 25, 1986	35,924.85	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	115,091.48	115,091.48
February 25, 1986	30,792.70	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	109,959.36	109,959.36
March 25, 1986	30,792.70	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	109,959.36	109,959.36
April 25, 1986	30,792.70	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	109,959.36	109,959.36
May 25, 1986	30,792.70	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	109,959.36	109,959.36
June 25, 1986	30,792.70	79,166.66	59,375.00	53,378.12	3,265.63	2,731.25	2,731.25	2,731.25	59,375.00	53,378.12	109,959.36	109,959.36
Total FY 86	\$369,512.45	\$870,833.26	\$534,375.00	\$480,403.08	\$26,123.04	\$21,850.00	\$528,378.12	\$711,967.59	\$1,240,345.71			
July 25, 1986	\$ 30,792.75	\$ 79,166.74	\$ 59,375.06	\$ 53,378.18	\$ 3,265.63	\$ 2,731.25	\$ 2,731.25	\$ 2,731.25	\$ 59,375.06	\$ 53,378.18	\$ 109,959.49	\$ 109,959.49
August 25, 1986	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
September 25, 1986	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
October 25, 1986	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
November 25, 1986	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
December 25, 1986	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
January 25, 1987	24,696.90	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.56	110,113.56
February 25, 1987	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
March 25, 1987	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
April 25, 1987	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
May 25, 1987	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
June 25, 1987	24,696.87	85,416.66	64,062.50	57,592.18	3,523.44	2,946.88	2,946.88	2,946.88	64,062.50	57,592.18	110,113.53	110,113.53
Total FY 87	\$302,458.35	\$1,018,750.00	\$764,062.56	\$686,892.16	\$42,023.47	\$35,146.93	\$764,062.56	\$557,145.79	\$1,321,208.35			

Payment Date	Interest	Principal	Federal				Miles City (89.9%)	Lewistown (5.5%)	Anaconda (4.6%)	Total Federal	Total State	Total Payment
			Share of Principal (75%)									
July 25, 1987	\$ 24,696.90	\$ 85,416.74	\$ 64,062.56	\$ 57,592.24	\$ 3,523.44	\$ 2,946.88	\$ 64,062.56	\$ 46,051.08	\$ 110,113.64			
August 25, 1987	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
September 25, 1987	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
October 25, 1987	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
November 25, 1987	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
December 25, 1987	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
January 25, 1988	18,119.80	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.63	107,703.13			
February 25, 1988	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
March 25, 1988	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
April 25, 1988	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
May 25, 1988	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
June 25, 1988	18,119.79	89,583.33	67,187.50	60,401.56	3,695.31	3,090.63	67,187.50	40,515.62	107,703.12			
Total FY 88	\$224,014.60	\$1,070,833.37	\$803,125.06	\$722,009.40	\$44,171.85	\$36,943.81	\$803,125.06	\$491,722.91	\$1,294,847.97			
July 25, 1988	\$ 18,119.80	\$ 89,583.37	\$ 67,187.53	\$ 60,401.59	\$ 3,695.31	\$ 3,090.63	\$ 67,187.53	\$ 40,515.64	\$ 107,703.17			
August 25, 1988	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
September 25, 1988	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
October 25, 1988	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
November 25, 1988	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
December 25, 1988	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
January 25, 1989	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
February 25, 1989	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
March 25, 1989	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
April 25, 1989	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
May 25, 1989	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
June 25, 1989	12,968.75	95,833.33	71,875.00	64,615.62	3,953.13	3,306.25	71,875.00	36,927.08	108,802.08			
Total FY 89	\$160,776.05	\$1,143,750.00	\$857,812.53	\$771,173.41	\$47,179.74	\$39,459.36	\$857,812.53	\$446,713.52	\$1,304,526.05			
July 25, 1989	\$ 12,968.75	\$ 95,833.37	\$ 71,875.03	\$ 64,615.65	\$ 3,953.13	\$ 3,306.25	\$ 71,875.03	\$ 36,927.09	\$ 108,802.12			
August 25, 1989	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82			
September 25, 1989	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82			
October 25, 1989	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82			
November 25, 1989	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82			
December 25, 1989	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82			

Payment Date	Interest	Principal	Federal Share of Principal (75%)	Miles City (89.9%)	Lewistown (5.5%)	Anaconda (4.6%)	Total Federal	Total State	Total Payment
January 25, 1990	6,979.20	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.86	111,145.86
February 25, 1990	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82
March 25, 1990	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82
April 25, 1990	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82
May 25, 1990	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82
June 25, 1990	6,979.16	104,166.66	78,125.00	70,234.37	4,296.88	3,593.75	78,125.00	33,020.82	111,145.82
Total FY 90	\$89,739.55	\$1,241,666.63	\$931,250.03	\$837,193.72	\$51,218.81	\$42,837.50	\$931,250.03	\$400,156.15	\$1,331,406.18
July 25, 1990 FY 91	\$6,979.20	\$104,166.74	\$78,125.06	\$70,234.43	\$4,296.88	\$3,593.75	\$78,125.06	\$33,020.88	\$111,145.94
Totals	\$ 369,512.45	\$ 870,833.26	\$ 534,375.00	\$ 480,403.08	\$ 26,125.04	\$ 21,850.00	\$ 528,378.12	\$ 711,967.59	\$1,240,345.71
FY 86	302,458.35	1,018,750.00	764,062.56	686,892.16	42,023.47	35,146.93	764,062.56	557,145.79	1,321,208.35
FY 87	224,014.60	1,070,833.37	803,125.06	722,009.40	44,171.85	36,943.81	803,125.06	491,722.91	1,294,847.97
FY 88	160,776.05	1,143,750.00	857,812.53	771,173.41	47,179.74	39,459.38	857,812.53	446,713.52	1,304,526.05
FY 89	89,739.55	1,241,666.63	931,250.03	837,193.72	51,218.81	42,837.50	931,250.03	400,156.15	1,331,406.18
FY 90	6,979.20	104,166.74	78,125.06	70,234.43	4,296.88	3,593.75	78,125.06	33,020.88	111,145.94
FY 91	\$1,153,480.20	\$5,450,000.00	\$3,968,750.24	\$3,567,906.20	\$215,015.79	\$179,831.37	\$3,962,753.36	\$2,640,726.84	\$6,603,480.20

**Montana Department of
Fish, Wildlife & Parks**

Office Memorandum

TO : WHOM IT MAY CONCERN

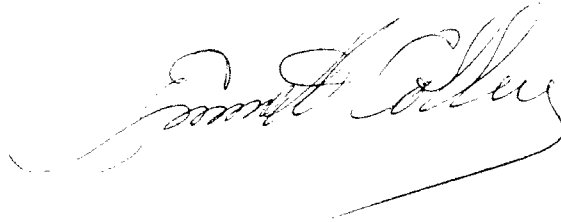
DATE: 11/21/85

FROM : Emmett Colley, Hatchery Bureau Chief

SUBJECT:

On November 21, 1985 I phoned the appropriate Soil Conservation Service offices and was assured that neither our Washoe Park Trout Hatchery renovation or Big Springs Trout Hatchery renovation involve wetlands.

asw

A handwritten signature in cursive script, appearing to read "Emmett Colley", with a long horizontal flourish extending to the right.

FA/MT
F-39-D
F-41-D
MAILSTOP 60150

RECEIVED

NOV 1 1985
WILDLIFE DIVISION

NOV 1 1985

James Flynn, Director
Montana Department of Fish,
Wildlife and Parks
1420 East 6th Avenue
Helena, MT 59620

Dear Jim:

We are returning unapproved the Application for Federal Assistance (AFA) and the associated Project Agreement (PA) for F-39-D, "Improvement of Fish Rearing Facilities at Washoe Park Trout Hatchery", and F-41-D, "Improvement of Fish Rearing Facilities at Big Springs State Fish Hatchery" because of insufficient documentation. Specific information needed before these projects can be approved are as follows:

1. For each hatchery, give separate cost estimates in the AFA and PA, for raceways, residences, engineering, architectural work, monthly bond payback schedule, and other development work activity items (FA Manual 11.2 a(4));
2. Discuss the following points in each AFA program narrative:
 - a. Provide the rationale to clearly show that hatchery renovation is the most effective and economical means of achieving approved fishery management objectives (FA Manual 11.16);
 - b. Give specific numbers of fish and additional man-days of fishing that will be added by the project;
 - c. State how the engineering design and inspection procedures will be accomplished (FA Manual 11.3);
 - d. Document the water rights situation for each hatchery; and
 - e. State if the project is in a floodplain/wetland and how this determination was made.

3. Provide us with a copy of the SHPO letter clearing each project;
4. Send a copy of the letter from the SCS stating involvement with prime/unique farmlands;
5. In the EA, address the following points as discussed in the 1980, NEPA in Federal Aid Proposals--Guidance to States:
 - a. provide a comparative analysis of alternatives in matrix form (Section II.c.);
 - b. state the environmental impacts of the proposed actions and alternatives (Section IV); and
 - c. discuss public involvement (newspaper notifications, public meetings, etc.) and comments received as outlined in Section V.

Please note that if either hatchery is located in a floodplain, the accompanying EA will have to be rewritten in the manner required for projects located in a floodplain as described in Federal Register, Volume 44 (225); 66704, Section 11.9 (Step 7) (copy attached).

If we may be of any further assistance, please contact us.

Sincerely,

/s/ Jerry J. Blackard

Jerry J. Blackard
Chief, Division of Federal Aid
Federal Assistance

Attachments

cc: Dale Witt



State Historic Preservation Office

Montana Historical Society

Mailing Address: 225 North Roberts • Helena, MT 59620-9990

Office Address: 102 Broadway • Helena, MT • (406) 444-7715

RECEIVED
NOV 20 1985
FISHERIES DIVISION

November 20, 1985

Mr. Arthur N. Whitney
Administrator
Fisheries Division
Montana Department of Fish, Wildlife and Parks
1420 East Sixth Avenue
Helena, MT 59620

Re: Washoe Park and Big Springs Trout Hatchery Construction
U.S. Fish and Wildlife Service

Dear Art:

We ended up getting two documents on which to comment for this project and one of our archeologists commented first through the state clearinghouse process.

A copy of that is attached.

Let me reiterate my comments on the phone and elaborate on them and on the comments that Dave made.

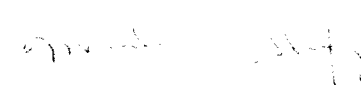
Both properties contain early buildings. Of the two complexes, the Washoe Park complex appears, from our early inventory information and conversations with you, to contain the greatest number of historic buildings and the most integrity. It appears, in our judgement, to be a heritage property. In federal agency language, it appears likely to meet the National Register of Historic Places criteria. The evidence currently available for the Big Springs complex does not make a clear case for heritage value or Register eligibility. However, we have not worked with you to establish a likely boundary for the Washoe Park site or determined what existing features would be considered to contribute to the Register value of it. Given the information you gave me on the phone, even if the Washoe Park complex does, upon further discussion, appear likely to be eligible for the Register, the work you are proposing should not--given the age of the raceways and the nature of materials you are putting in--be (again using federal language) an adverse effect on the resource. It may be a "no effect" project. For purposes of demonstrating to the U.S. Fish and Wildlife Service that you are in the process of considering cultural resources property for use of federal funds, I believe these comments are--acceptable at this point--so long as we proceed to work on defining the boundaries of the Washoe Park site and identifying buildings and features that contribute to it--along with accompanying documentation. I believe it is appropriate to consider the Big Springs complex--ineligible for listing at this time--as a complex. The only

Whitney
November 20, 1985
Page 2

building which appears to require further consideration should it be impacted is the primary hatchery building itself.

Please call if you have questions.

Sincerely,


Marcella Sherfy,
State Historic Preservation Officer

enclosure

cc: Paul Valle

File: Comp/FWP

**Montana Department
of
Fish, Wildlife & Parks**



November 21, 1985

Today I phoned Allen Stanfield of the State Historic Preservation Office (also houses state archaeologist). We agreed to jointly address any historical considerations. Due to the nature of the project Allen agreed that prehistoric impacts are unlikely but we will be consulting with the state archaeologist.

George D. Holton
Assistant Administrator
Fisheries Division



November 19, 1985

Emmett Colley
Fish, Wildlife, and Parks
1420 E. 6th Avenue
Helena, MT 59620

RECEIVED
NOV 20 1985
FISHERIES DIVISION

Dear Mr. Colley:

As per our phone conversation on Wednesday, November 13, 1985, the following is a determination of floodplain location with respect to your improvements proposed for the fish hatchery here in Lewistown.

The area of land concerned with the proposed improvements does not lie within a designated floodplain district. This determination is made from a flood hazard analysis prepared in July of 1980 by the Department of Agriculture in cooperation with Fergus County and the Montana Department of Natural Resources and Conservation. Our local floodplain regulations are based on this study.

If you should have any further questions, please feel free to contact me.

Cordially,

Bill Arnold
Planning Director, Floodplain Administrator

BA/dm

Spring

WATER RIGHT NUMBER 416 - K-116208-00

PRIORITY DATE: NOV 1, 1960

VOLUME: 49,995.00 ACRE FEET PER YEAR

SOURCE: BIG SPRING CREEK

PERIOD OF USE: JAN 1 TO DEC 31

LOT BLK QTR SEC SEC TWP RGE COUNTY

HEADGATE

-----ACRES-----LOTBLKQTRSECSECTWPRGECOUNTY-----

REMARKS: SEE GENERAL FINDINGS OF FACT AND CONCLUSIONS OF LAW FOR FURTHER
DELINEATION OF THIS RIGHT.

TEMPORARY PRELIMINARY DECREE ON JUDITH RIVER BASIN
BASIN 415
ABSTRACT OF WATER RIGHT

FOR OWNER: MONTANA, STATE OF DEPT OF FISH WDLFE & PARK
1420 E 6TH AVE
HELENA MT 59620

WATER RIGHT NUMBER 415 -W-118269-00

OWNERS: MONTANA, STATE OF DEPT OF FISH WDLFE & PARK
1420 E 6TH AVE
HELENA MT 59620

PRIORITY DATE: NOV 1, 1960

FLOW RATE: 8,289.00 GPM

VOLUME: 12,233.00 ACRE FEET PER YEAR

THIS USE MAY CONSUME SOME WATER BUT UNTIL THAT AMOUNT IS
QUANTIFIED, IT IS PRESUMED THAT THE USE IS NON-CONSUMPTIVE.

SOURCE: SPRING, TRIBUTARY OF BIG SPRING CREEK

PURPOSE (USE): FISH RACEWAYS

PERIOD OF USE: SEPT 1 TO JULY 31

POINTS OF DIVERSION AND MEANS OF DIVERSION:

LOT BLK QTR SEC SEC TWP RGE COUNTY

NENESW 05 14N 19E FERGUS

HEADGATE

PLACE OF USE FOR FISH RACEWAYS

ACRES LOT BLK QTR SEC SEC TWP RGE COUNTY

001				SWSNW	05	14N	19E	FERGUS
002				SESNNW	05	14N	19E	FERGUS

REMARKS: SEE GENERAL FINDINGS OF FACT AND CONCLUSIONS OF LAW FOR FURTHER
DELINEATION OF THIS RIGHT.

TEMPORARY PRELIMINARY DECREE ON JUDITH RIVER BASIN
BASIN 41S
ABSTRACT OF WATER RIGHT

DR OWNER: MONTANA, STATE OF DEPT OF FISH WDLFE & PARK
1420 E 6TH AVE
HELENA MT 59620

WATER RIGHT NUMBER 41S -N-115270-00

OWNERS: MONTANA, STATE OF DEPT OF FISH WDLFE & PARK
1420 E 6TH AVE
HELENA MT 59620

PRIORITY DATE: MAR 22, 1924

FLOW RATE: 5,600.00 GPM

VOLUME: 6,051.00 ACRE FEET PER YEAR

THIS USE MAY CONSUME SOME WATER BUT UNTIL THAT AMOUNT IS
QUANTIFIED, IT IS PRESUMED THAT THE USE IS NON-CONSUMPTIVE.

SOURCE: BIG SPRINGS

PURPOSE (USE): FISH RACEWAYS

PERIOD OF USE: JAN 1 TO DEC 31

POINTS OF DIVERSION AND MEANS OF DIVERSION:

LOT BLK QTR SEC SEC TWP RGE COUNTY

NWSWSE 05 14N 19E FERGUS

HEADGATE

PLACE OF USE FOR FISH RACEWAYS

ACRES LOT BLK QTR SEC SEC TWP RGE COUNTY

001

SENESEW 05 14N 19E FERGUS

REMARKS: SEE GENERAL FINDINGS OF FACT AND CONCLUSIONS OF LAW FOR FURTHER
DELINEATION OF THIS RIGHT.

ABSTRACT OF WATER RIGHT

HELENA

NI

59020

WATER RIGHT NUMBER 415 -N-118273-00

HELENA

MT

59620

PRIORITY DATE: NOV 1, 1960

FLOW RATE: 13,917.00 GPM

VOLUME: 20,538.00 ACRE FEET PER YEAR

THIS USE MAY CONSUME SOME WATER BUT UNTIL THAT AMOUNT IS QUANTIFIED, IT IS PRESUMED THAT THE USE IS NON-CONSUMPTIVE.

SOURCE: BIG SPRINGS

PURPOSE (USE): FISH RACEWAYS

PERIOD OF USE: SEPT 1 TO JULY 31

POINTS OF DIVERSION AND MEANS OF DIVERSION:

LOT BLK QTR SEC SEC TWP RGE COUNTY

SENESEW 05 14N 19E FERGUS

HEADGATE

PLACE OF USE FOR FISH RACEWAYS

ACRES _____ LOT BLK _____ QTR SEC SEC TWP RGE COUNTY _____

001	SWSENW	05	14N	19E	FERGUS
002	SESWNW	05	14N	19E	FERGUS

002

SW SE NW

05

14N

193

FERGUS

SE SWNW

05

14N

11

FERGUS
FERGUS

REMARKS: SEE GENERAL FINDINGS OF FACT AND CONCLUSIONS OF LAW FOR FURTHER
DELINEATION OF THIS RIGHT.

AUGUST 30, 1985

Big Springs State Fish Hatchery was constructed in 1922 and was into production by 1924. An expansion program in the early 1940's added four cement raceways. These rearing facilities were constructed above ground with the entire wall surface exposed to climatic conditions. Over the past 20 years, these raceways have deteriorated to the point that they are no longer in use. Settling has created large cracks in the floors which allow water to escape and seep under the ponds. Extensive frost damage to the walls has caused large areas of erosion and sloughing, weakening the raceway structures.

Affect of Alternative on:

<u>Alternative</u>	<u>Fish Production</u>	<u>Quality of Fish (disease/genetics)</u>	<u>Cost/fish</u>
No Action	Decreased	No change	Higher
Buy Fish	Equal	Unacceptable	Higher
Reconstruction	Increased	Good	Lower
New Hatchery	Decreased during years of site selection and seeking legislative approval, then production equal at least to reconstruction level.	Good	Higher

The project will eliminate the four above ground raceways and replace them with a fish loading/staging area and parking space. Ten new 8' X 80' X 3' raceways will be constructed in an old dirt pond area no longer used in the fish production activities at Big Springs hatchery. Since this is a reconstruction project, only existing facilities will be affected.

A. Land Use. The removal of existing raceways and subsequent construction of 10 new raceways will not alter the use of the land. All activity will take place within the active confines of the Big Springs State Fish Hatchery.

- B. Wildlife. There will be no impact on wildlife.
- C. Recreation. Improvements to the Big Springs Hatchery will enhance recreational opportunities in Montana through an expanded fish production program. More fish and different strains of fish will be available for distribution in Montana.
- D. Water Resources. This action will not be a new use of water, instead, it will redirect the use of some water in the hatchery complex. There will be an improvement of wastewater discharge through the construction of a waste settling pond adjacent to the hatchery complex.
- E. The alternative of buying fish from a commercial hatchery could result in severe environmental impacts due to disease and genetic problems. The environmental impacts of a new hatchery, if any, can be determined only after the site is selected.

V. CONSULTATION AND COORDINATION WITH OTHERS

The department has maintained an open line of communication with the sportsmen of the Lewistown area as well as the Lewistown city officials and local landowners. Knowledge of the proposed hatchery renovation has been widely disseminated in the area. The proposal has been discussed and approved at a Montana Fish and Game Commission meeting which was open to the public and attended by representatives of the news media. The 1985 Montana Legislature authorized the expenditures to improve and repair the Big Springs Hatchery. Legislative hearings were involved. Notice of the project were included in Montana IGR Public Clearinghouse Bulletin 092085. There have been no negative comments during the planning phase.

VI. STATEMENTS

- A. Executive Order. Floodplain Management and Wetlands Protection. This project will not impact floodplain or wetland habitats due to its physical properties.
- B. Endangered Species Act. Developments at Big Springs Hatchery will not affect any federally listed endangered or threatened species or adversely affect any designated critical habitat.

ASSURANCES

The applicant hereby assures and certifies that he will comply with the regulations, policies, guidelines and requirements including Office of Management and Budget Circulars Nos. A-87, A-95, and A-102 as they relate to the application, acceptance, and use of Federal funds for this federally assisted project. Also, the applicant gives assurance and certifies with respect to the grant that:

1. It possesses legal authority to apply for the grant; that a resolution, motion or similar action has been duly adopted or passed as an official act of the applicant's governing body, authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of the applicant to act in connection with the application and to provide such additional information as may be required.
2. It will comply with Title VI of the Civil Rights Act of 1964 (Public Law 88-352) and in accordance with Title VI of that act, no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the applicant receives Federal financial assistance and will immediately take any measures necessary to effectuate this agreement.
3. It will comply with Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d) prohibiting employment discrimination where (1) the primary purpose of a grant is to provide employment or (2) discriminatory employment practices will result in unequal treatment of persons who are or should be benefiting from the grant-aided activity.
4. It will ensure that the facilities under its ownership, lease or supervision which shall be utilized in the accomplishment of the project are not listed on the Environmental Protection Agency's (EPA) list of Violating Facilities and that it will notify the Federal grantor agency of the receipt of any communication from the Director of the EPA Office of Federal Activities indicating that a facility to be used in the project is under consideration for listing by the EPA.
5. It will comply with the provisions of the Hatch Act which limit the political activity of employees.
6. It will comply with the minimum wage and maximum hours provisions of the Federal Fair Labor Standards Act, as they apply to hospital and educational institution employees of State and local governments.
7. It will establish safeguards to prohibit employees from using their positions for a purpose that is or gives the appearance of being motivated by a desire for private gain for themselves or others, particularly those with whom they have family, business, or other ties.
8. It will give the sponsoring agency or the Comptroller General through any authorized representative the access to and the right to examine all records, books, papers, or documents related to the grant.
9. It will comply with all requirements imposed by the Federal sponsoring agency concerning special requirements of law, program requirements, and other administrative requirements.

ADDITIONAL ASSURANCES GENERALLY APPLICABLE TO CONSTRUCTION
OR LAND ACQUISITION PROGRAMS OR PROJECTS

1. It will comply with the provisions of: Executive Order 11296, relating to evaluation of flood hazards, and Executive Order 11288, relating to the prevention, control, and abatement of water pollution.
2. It will have sufficient funds available to meet the non-Federal share of the cost for construction projects. Sufficient funds will be available when construction is completed to assure effective operation and maintenance of the facility for the purposes constructed.
3. It will obtain approval by the appropriate Federal agency of the final working drawings and specifications before the project is advertised or placed on the market for bidding; that it will construct the project, or cause it to be constructed, to final completion in accordance with the application and approved plans and specifications; that it will submit to the appropriate Federal agency for prior approval changes that alter the costs of the project, use of space, or functional layout; that it will not enter into a construction contract(s) for the project or undertake other activities until the conditions of the construction grant program(s) have been met.
4. It will provide and maintain competent and adequate architectural engineering supervision and inspection at the construction site to insure that the completed work conforms with the approved plans and specifications; that it will furnish progress reports and such other information as the Federal grantor agency may require.
5. It will operate and maintain the facility in accordance with the minimum standards as may be required or prescribed by the applicable Federal, State and local agencies for the maintenance and operation of such facilities.
6. It will require the facility to be designed to comply with the "American Standard Specifications for Making Buildings and Facilities Accessible to, and Usable by, the Physically Handicapped," Number A117.1-1961, as modified (41 CFR 101-17.703). The applicant will be responsible for conducting inspections to insure compliance with these specifications by the contractor.
7. It will cause work on the project to be commenced within a reasonable time after receipt of notification from the approving Federal agency that funds have been approved and that the project will be prosecuted to completion with reasonable diligence.
8. It will not dispose of or encumber its title or other interests in the site and facilities during the period of Federal interest or while the Government holds bonds, whichever is the longer.
9. It will comply with requirements of the provisions of the Uniform Relocation Assistance and Real Property Acquisitions Act of 1970 (P.L. 91-646) which provides for fair and equitable treatment of persons displaced as a result of Federal and federally assisted programs.
10. It will comply with the flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973, Public Law 93-234, 87 Stat. 975, approved December 31, 1976. Section 102(a) requires, on and after March 2, 1975, the purchase of flood insurance in communities where such insurance is available as a condition for the receipt of any Federal financial assistance for construction or acquisition purposes for use in any area that has been identified by the Secretary of the Department of Housing and Urban Development as an area having special flood hazards.
11. It will assist the Federal grantor agency in its compliance with Section 106 of the National Historic Preservation Act of 1966 and amended (16 U.S.C. 470) Executive Order 11593, and the Archeological and Historic Preservation Act of 1966 (16 U.S.C. 469a-1 et seq.) by (a) consulting with the State Historic Preservation Officer on the conduct of investigations, as necessary, to identify properties listed in or eligible for inclusion in the National Register of Historic Places that are subject to adverse effects (see 36 CFR Part 800.8) by the activity, and notifying the Federal grantor agency of the existence of any such properties, and by (b) complying with all requirements established by the Federal grantor agency to avoid or mitigate adverse effects upon such properties.

STATE COPY

OMB Approval No. 0348-0006

FEDERAL ASSISTANCE			2. APPLICANT'S APPLICATION IDENTIFIER		3. STATE APPLICATION IDENTIFIER		4. NUMBER	
1. TYPE OF SUBMISSION (Mark appropriate box) <input type="checkbox"/> NOTICE OF INTENT (OPTIONAL) <input type="checkbox"/> PREAPPLICATION <input checked="" type="checkbox"/> APPLICATION			a. NUMBER F-41-D		b. DATE Year month day 19		NOTE TO BE ASSIGNED BY STATE	
			Leave Blank					
5. EMPLOYER IDENTIFICATION NUMBER (EIN)						6. PRO-GRAM		
a. Applicant Name Montana Department of Fish, Wildlife, & Parks b. Organization Unit Fisheries Division c. Street/P.O. Box 1420 East Sixth Avenue d. City Helena e. County Lewis & Clark f. State Montana g. ZIP Code 59620 h. Contact Person (Name & Telephone No.) Arthur Whitney (406) 444-2449						a. NUMBER 151605 b. TITLE D-J Fisheries Restoration		
7. TITLE OF APPLICANT'S PROJECT (Use section IV of this form to provide a summary description of the project.) Improvement of fish rearing facilities at Big Springs State Fish Hatchery						8. TYPE OF APPLICANT/RECIPIENT A—State B—Intermediate C—Substate D—County E—City F—School District G—Special Purpose District H—Community Action Agency I—Higher Educational Institution J—Indian Tribe K—Other (Specify): Enter appropriate letter A		
9. AREA OF PROJECT IMPACT (Names of cities, counties, states, etc.) Statewide						10. ESTIMATED NUMBER OF PERSONS BENEFITING		
11. TYPE OF ASSISTANCE A—Basic Grant B—Supplemental Grant C—Loan D—Insurance E—Other Enter appropriate letter(s) A						12. PROPOSED FUNDING		
a. FEDERAL \$ 215,015.00 b. APPLICANT .00 c. STATE 84,984.00 d. LOCAL .00 e. OTHER .00 f. Total \$ 300,000.00						13. CONGRESSIONAL DISTRICTS OF:		
a. APPLICANT Montana b. PROJECT West/East 15. PROJECT START DATE Year month day 19 85 11 01 16. PROJECT DURATION 60 Months 18. DATE DUE TO FEDERAL AGENCY Year month day 19						14. TYPE OF APPLICATION A—New B—Renewal C—Revision D—Continuation E—Augmentation Enter appropriate letter A		
19. FEDERAL AGENCY TO RECEIVE REQUEST US Fish & Wildlife Service						20. EXISTING FEDERAL GRANT IDENTIFICATION NUMBER		
a. ORGANIZATIONAL UNIT (IF APPROPRIATE)						b. ADMINISTRATIVE CONTACT (IF KNOWN)		
c. ADDRESS Denver, CO 80225						21. REMARKS ADDED <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
22. THE APPLICANT CERTIFIES THAT			To the best of my knowledge and belief, data in this preapplication/application are true and correct, the document has been duly authorized by the governing body of the applicant and the applicant will comply with the attached assurances if the assistance is approved. a. YES, THIS NOTICE OF INTENT/PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON DATE _____ b. NO, PROGRAM IS NOT COVERED BY E.O. 12372 OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW <input type="checkbox"/>					
23. CERTIFYING REPRESENTATIVE			a. TYPED NAME AND TITLE Dale W. Witt Federal Aid Coordinator b. SIGNATURE <i>Dale W. Witt</i>					
24. APPLICATION RECEIVED 19			25. FEDERAL APPLICATION IDENTIFICATION NUMBER					
26. FEDERAL GRANT IDENTIFICATION			27. ACTION TAKEN					
<input type="checkbox"/> a. AWARDED <input type="checkbox"/> b. REJECTED <input type="checkbox"/> c. RETURNED FOR AMENDMENT <input type="checkbox"/> d. RETURNED FOR E.O. 12372 SUBMISSION BY APPLICANT TO STATE <input type="checkbox"/> e. DEFERRED <input type="checkbox"/> f. WITHDRAWN			28. FUNDING a. FEDERAL .00 b. APPLICANT .00 c. STATE .00 d. LOCAL .00 e. OTHER .00 f. TOTAL \$.00					
29. ACTION DATE			30. STARTING DATE Year month day 19 DEC 10 1985 31. CONTACT FOR ADDITIONAL INFORMATION (Name and telephone number) Jerry J. Blackard 303-236-7392 <i>Oliver E. Bray</i> Chief, Division of Federal Affairs					
32. ENDING DATE Year month day 19			33. REMARKS ADDED <input type="checkbox"/> Yes <input type="checkbox"/> No					

PART IV PROGRAM NARRATIVE

State: Montana

Project Number: F-41-D

Project Title: Improvement of Fish Rearing Facilities at Big Springs Trout Hatchery

A. Need

Big Springs State Fish Hatchery is located approximately 7 miles southeast of Lewistown at the site of Big Springs. The springs produce a flow of 2,000 gpm into the hatchery with a constant water temperature of 56°F. Ideal conditions for a trout hatchery resulted in a 1922 decision to begin construction on the Lewistown hatchery. Ground and water at the original site were leased from the city of Lewistown and construction began. The hatchery went into production in 1924, operating only during the summer months. In 1932, full production levels were reached. Early fish culture efforts were limited to hatching eggs and planting fry. An expansion program in 1948 added four cement ponds and a hatchery building with 18 cement raceways. In 1959 another site a mile below the original hatchery was developed adding 30 raceways and hatchery support buildings.

During the past 20 years, four cement raceways built in the early 1940's at the upper site have deteriorated. These raceways were constructed above ground and the entire wall surface is exposed to climatic conditions. Annual repairs to the walls and floors have been necessary. Settling has created large cracks in the floors allowing water to escape and flow under the ponds. Extensive frost damage to the walls has caused large areas of erosion and sloughing, weakening the raceway structures. Continued weathering added to the existing damage renders the raceways no longer serviceable.

It is estimated that one-third of Montana sport fishing is in waters whose sport fish population is based on trout stocking. Big Springs Trout Hatchery is Montana's largest state fish hatchery in terms of ponds of fish produced. In 1985 the 2,870,000 trout reared there were planted in 120 lakes and 9 streams that supported an estimated 800,000 fisherman days.

B. Objectives

To return Big Springs Hatchery to a unit capable of full production by replacing the four raceways with 8-10 smaller ones in a location where they can utilize an additional water source.

Bonds have been sold to fund this project and Federal Assistance is requested to help pay the principal portion of the repayment.

C. Expected Results and Benefits

The new raceways will provide desperately needed space at the Big Springs Hatchery. Montana is aggressively seeking information on various strains of rainbow trout which may be suited to the widely varying waters of the

state. In order to carry on this work, more space is needed at Big Springs to allow diversification of rainbow strain rearing capabilities. It is anticipated this project will increase annual fish production by 600,000 fish which will support an additional 150,000 fisherman-days.

D. Approach

1. The existing four raceways will be removed and in their place an asphalt walk and loading area will be constructed. This will provide a convenient fish loading/staging area and parking lot.
2. Eight or ten new 8' X 80' X 3' concrete raceways and associated water supply and drain systems will be constructed. The area will be backfilled and an asphalt walk constructed.
3. An existing concrete pond will be converted into a solid waste pond to act as a settling basin for waste from the existing hatchery operation and the newly constructed raceways.
4. All topsoil which was disturbed during the construction operation will be replaced and leveled.
5. Since the original frame hatchery building has aged and is showing signs of deterioration, the feasibility of total or partial renovation will be determined.
6. The design aspect of the renovation will be approved by the Architecture and Engineering Division of the Montana Department of Administration. Personnel from this agency will make weekly inspections during construction and continuous inspections during critical phases of construction.
7. See attached documents for information relating to the following aspects: water rights, flood plain/wetlands, SHPO, and prime/unique farmlands.

Phase I. October 1, 1985 - June 30, 1986. The design phase of the project, including all engineering and architectural work, will be completed during this time period.

Phase II. July 1, 1986 - June 30, 1987. Construction activities will commence during this time and will be completed by fall, 1987.

E. Location

The Big Springs Fish Hatchery is located approximately 7 miles southeast of Lewistown, Montana. Production of fingerling rainbow trout from this hatchery services the entire state of Montana.

F. Costs

1. Cost Breakdown

Engineering costs	\$ 30,000
Raceway and pond construction	270,000
Total	<u>\$300,000</u>

2. Schedule of Costs

Montana's federal aid apportionment during the two-year construction period will be inadequate to cover the costs involved. Therefore bonds have been sold to finance this project and federal aid participation is requested in making principal payments over the 5-year repayment period. See monthly bond schedule attached.

G. Supervision

Arthur Whitney, Administrator Fisheries Division
Emmett Colley, Hatchery Bureau Chief
Vacant, Management Bureau Chief
Gary Shaver, Acting Hatchery Manager

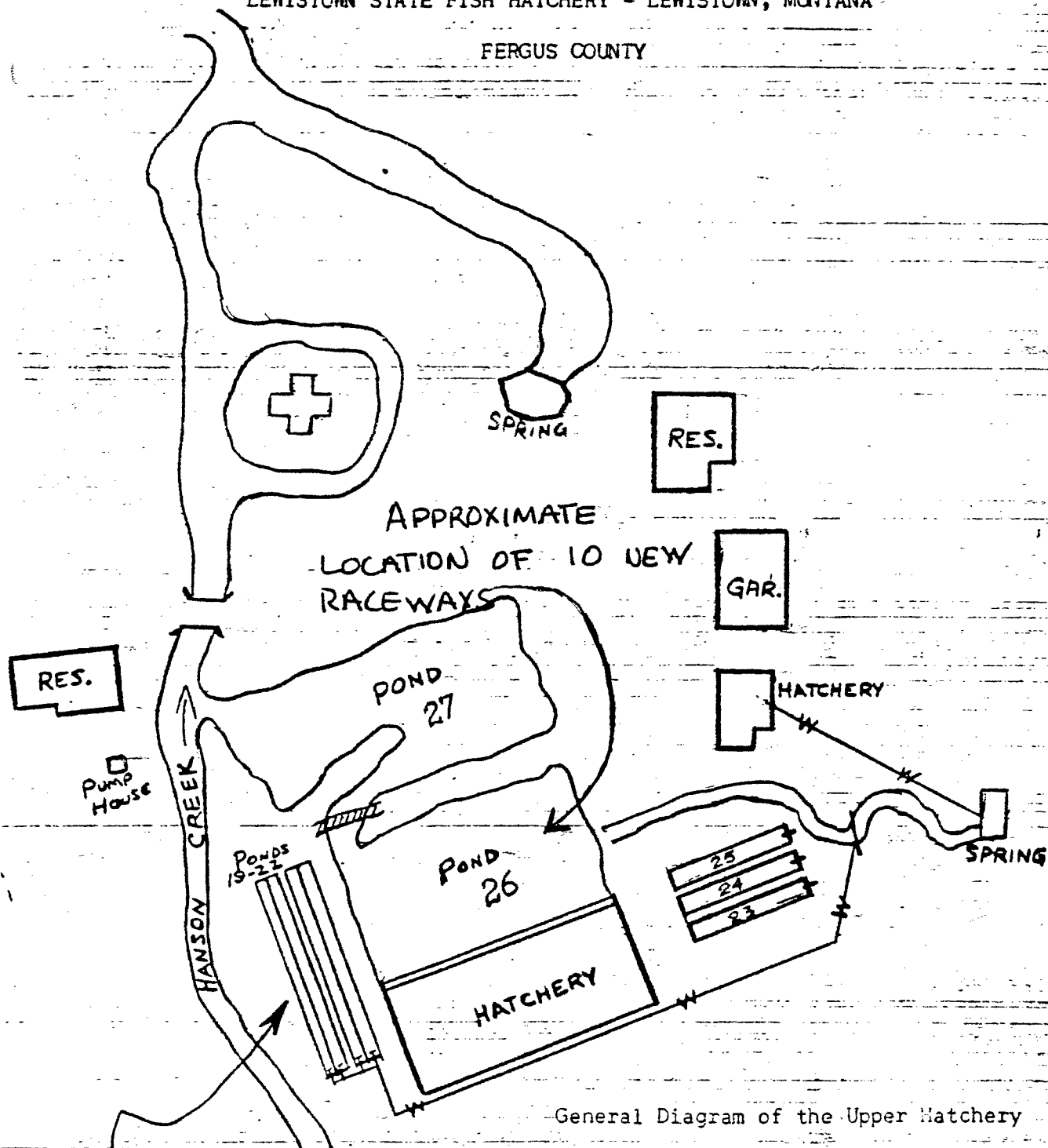
H. Related Federal Projects

None

I. Endangered Species

This project will have no impact on endangered species.

FERGUS COUNTY



RACEWAYS TO BE REMOVED

JOB DESCRIPTION

STATE: MONTANA

PROJECT NO.: F-41-D-5

JOB TITLE: IMPROVEMENTS OF FISH REARING FACILITIES AT BIG SPRINGS
FISH HATCHERY

Job Objectives

To return Big Springs Hatchery to a unit capable of full production by replacing the four raceways with 8-10 smaller ones in a location where they can utilize an additional water source.

Procedures

Construction of this project was completed as required in Segment 3. Purpose of Segment 5 is to continue bond payments as required in bond payment schedule series, 1985A.

Location of Work

Big Springs Trout Hatchery, Fergus County, Montana.

Technical Personnel

Larry Peterman, Administrator
Thurston Dotson, Hatchery Bureau Chief
Howard Johnson, Management Bureau Chief
Jack Boyce, Hatchery Manager

Job Duration: July 1, 1989 through June 30, 1990

Report Period: July 1, 1989 through June 30, 1990

Cost: \$73,228.00 Federal Share: 70% State Share: 30%

Updated 8-23-90

JOB DESCRIPTION

State: Montana

Project No: F-41-D-4

Job Title: Improvements of Fish Rearing Facilities at Big
 Springs Fish Hatchery

Job Objectives:

To return Big Springs Hatchery to a unit capable of full production by replacing the four raceways with 8-10 smaller ones in a location where they can utilize an additional water source.

Procedures:

Construction of this project was completed as required in segment 3. Purpose of segment 4 is to continue bond payments as required in bond payment schedule series, 1985A.

Location of Work:

Big Springs Trout Hatchery, Fergus County, Montana

Technical Personnel:

Patrick Graham, Administrator
Thurston Dotson, Hatchery Bureau Chief
Steve McMullin, Management Bureau Chief
Jack Boyce, Hatchery Manager

Job Duration:

July 1, 1988 through June 30, 1989

Report Period:

July 1, 1988 through June 30, 1989

Cost: \$71,484 Federal Share: 66% State Share: 34%

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS
FISHERIES DIVISION

JOB PERFORMANCE REPORT
DEVELOPMENT PROJECT

STATE: MONTANA

TITLE: IMPROVEMENT OF FISH
REARING FACILITIES AT BIG
SPRING TROUT HATCHERY

PROJECT NO: F-41-D-3

PERIOD COVERED: JULY 1, 1987 THROUGH JUNE 30, 1988

OBJECTIVES

To return Big Springs Hatchery to a unit capable of full production by replacing four inefficient dirt ponds with 8-10 smaller raceways. The new raceways will be located where they can utilize an additional water source.

ACCOMPLISHMENTS

According to Program Narrative Section D. completion of Phase II is required during this segment.

Project was completed on time and accepted by Montana Department of Fish, Wildlife and Parks. Some landscaping items were completed in April and May, 1988.

At end of segment 3 project was complete and in service as required by Program Narrative Section D.

Montana Department of Fish, Wildlife and Parks
Fisheries Division

Job Performance Report
Development Project

STATE: Montana
PROJECT: F-41-D-2
TITLE: Improvement of Fish Rearing Facilities at Big Springs
Trout Hatchery
PERIOD COVERED: July 1, 1986 to June 30, 1987

Objectives

To return Big Springs Hatchery to a unit capable of full production by replacing four inefficient dirt ponds with 8-10 smaller raceways. The new raceways will be located where they can utilize an additional water source.

Accomplishments

According to program narrative section D. completion of phase II is required during this segment.

Phase II was completed. Bids were opened on April 8, 1987. Bid was awarded and construction began on June 15, 1987. Construction is projected to be complete by September 30, 1987 and in compliance with section D phase II.

Bids were within allocated funds.

Prepared by: Thurston Dotson

Date: September 1, 1987

Montana Department of Fish, Wildlife and Parks

Fisheries Division

Job Performance Report
Development Project

State: Montana

Project: F-41-D-1

Title: Improvement of Fish Rearing Facilities at Big Springs
Trout Hatchery

Period Covered: November 1, 1985 to June 30, 1986

Objectives

To return Big Springs Hatchery to a unit capable of full production by replacing four inefficient dirt ponds with 8-10 smaller raceways. The new raceways will be located where they can utilize an additional water source.

Accomplishments

According to program narrative section D, completion of phase 1 is required during this segment.

Phase 1 was completed. The engineering firm of Robert Peccia and Associates, 810 Hialeah Court, Helena, Montana was contracted to complete the design of this project. Final plans were completed and review is underway at the end of the segment.

Prepared by: Thurston Dotson

Date: November 26, 1986