

## JOB DESCRIPTION

State: Montana

Project No: F-47-D-2

Job Title: Miles City Hatchery Operations

### Job Objectives:

To attain full production and operate the Miles City Hatchery at its designed capability.

The following species will be reared at Miles City Hatchery funded with 75% federal and 25% state funds, and is part of this federal aid project. The estimated numbers are for the annual capacity of the hatchery:

1.	Walleye fry	42,000,000
2.	Walleye fingerlings	2,100,000
3.	Largemouth bass	500,000
4.	Smallmouth bass	500,000
5.	Forage fish	10,300,000

Full production will depend on available egg supplies from inhouse broodstock for large and smallmouth bass, and eggs from wild stock to produce walleye, northern, crappie, and initial forage fish starters. Channel catfish will be acquired from other agencies and reared to stocking size at Miles City.

Production during the first few years will be used on a priority basis to establish fish in habitats that have a high potential for developing spawning runs. Second priority will be to stock fish in areas to enhance already existing populations that can produce additional spawning fish.

When adequate and dependable egg sources become available the hatchery production potential may be realized.

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1.	Northern pike fry	5,000,000
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3.	Crappie	300,000
4.	Channel catfish	25,000

## Procedures:

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Forage fish will be obtained from commercial sources and seining local ponds to develop a reproducing population in the hatchery.

Forage will be harvested to feed bass broodstock and to stock in ponds and reservoirs that lack forage fish.

## Technical Personnel:

Patrick Graham, Administrator	
Thurston Dotson, Hatchery Bureau Chief	
Steve McMullin, Management Bureau Chief	
Paul Butterfield, Hatchery Manager	
	1300 man-days
Mike Rhodes, Fish Culturist	
	1300 man-days
Monte Reader, Fish Culturist	
	1300 man-days
Seasonal - vacant	221 man-days
Total	4121 man-days

## Job Duration:

July 1, 1988 through June 30, 1989

## Report Period:

July 1, 1988 through June 30, 1989

Cost: \$133,920 Federal Share: 75% State Share: 25%

Indirect costs at 16.6%. Total direct cost = \$114,854

Salaries and benefits include personnel costs associated with operation, maintenance, egg collection, and fish distribution.

Operation includes capital equipment, utilities, travel, feed, and fuel.

Maintenance will include routine repair and maintenance of hatchery facilities, including painting, ground maintenance, preventive maintenance of pipes, pumps, and valves.

MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS  
FISHERIES DIVISION

JOB PERFORMANCE REPORT  
DEVELOPMENT PROJECT

STATE: MONTANA TITLE: MILES CITY FISH HATCHERY  
OPERATIONS

PROJECT NO: F-47-D-1

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

OBJECTIVES

To attain full production and operate the Miles City Hatchery at its designed capability.

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3. Crappie	300,000
4. Channel catfish	25,000

#### ACCOMPLISHMENTS

This project was under construction during most of the report period. The hatchery building was completed in time to incubate and stock walleye fry. Fingerling rearing of any species was not possible due to status of hatchery construction (see Project F-40-D-3).

The following species and sizes are scheduled for production under this project:

<u>Species</u>	<u>Hatchery Capacity</u>	<u>Produced and Stocked</u>
1. Walleye fry	42,000,000	33,215,000
2. Walleye fingerlings	2,100,000	-0-
3. Largemouth bass	500,000	456,298
4. Smallmouth bass	500,000	-0-
5. Forage fish	10,300,000	-0-

Below is a list of fish and/or eggs indicating source, hatchery success and number and locations where planted:

Largemouth bass received from Kansas - total 46,298 @ 867/lb.

<u>Location Planted</u>	<u># Planted</u>	<u>County</u>	<u>Nearest Town/ Distance/Miles</u>
Kvaalen Res	1,500	Richland	Crane/15
P. Labree	4,000	Carter	Ekalaka/17
Baker Lake	10,000	Fallon	Baker/1
MC Hatchery	4,798	Custer	Broodstock Development
Spotted Eagle	4,000	Custer	Miles City/12
Rush Hall	2,000	Fallon	Baker/21
Lake Helena	10,000	Lewis & Clark	Helena/10

Largemouth bass received from Colorado - 410,000 total fry

Trumbo Pond	20,000	Garfield	Jordan/16
Severson #1	3,000	Garfield	Jordan/36
Severson #2	3,000	Garfield	Jordan/36
Grebe #3	2,500	Rosebud	Melstone/13
Mysse Res	8,000	Rosebud	Forsyth/44

Brown Res	5,000
Jeffers Pond	5,000
Rough Creek Pond	10,000
Conley Pond	10,000
Warren Inc Res	2,500
Corral Trap	5,000
Upper Hay Coulee	5,000
Prairie Dog Pond	1,000
Tenmile Pond	5,000
Broadview Res	19,500
Aldrich Res	2,500
Shifley Pond	10,000
Commodity Cove	5,000
Grasshopper Res	20,000
Salmo Res	5,000
Bailey Res	70,000
Eyraud Lakes	60,000
Little Pishkun	20,000
Drag Res	20,000
Wolf Coulee	5,000
Lake Helena	20,000
S Fk Dry Blood	5,000
Rush Hall	7,000
Pat Labree	10,000
Spotted Eagle	10,000
Baker Lake	20,000
Lake Elmo	50,000
Kreider #1	10,000
Kvaalen Res	5,000
Hollecker Pond	5,000

Big Horn	Hardin*
Big Horn	Hardin*
Big Horn	Hardin*
Big Horn	Hardin*
Big Horn	Hardin*
Big Horn	Hardin*
Big Horn	Hardin*
Big Horn	Hardin*
Big Horn	Hardin*
Yellowstone	Broadview/2
Golden Valley	Ryegate/1
Golden Valley	Ryegate*
Sweet Grass	Big Timber*
Blaine	Chinook/20
Blaine	Chinook*
Hill	Havre*
Teton	Choteau*
Teton	Choteau/15
Petroleum	Winnett/35
Fergus	Lewistown*
Lewis & Clark	Helena/10
Petroleum	Winnett/17
Fallon	Baker/21
Carter	Ekalaka/17
Custer	Miles City/2
Fallon	Baker/1
Yellowstone	Billings
Garfield	Jordan/35
Richland	Crane/15
Dawson	Glendive/1

Walleye received eyed eggs from Colorado. They were planted as fry.

Beaver Cr Res	100,000
Nelson Res	400,000
Box Elder Res	50,000
Tongue R Res	1,300,000
South Sandstone	500,000
Upper Lone Tree	500,000
Castle Rock Lake	50,000

Hill	Havre/14
Phillips	Malta/15
Sheridan	Plentywood/12
Big Horn	Decker/5
Fallon	Plevna/6
Richland	Sidney/4
Rosebud	Colstrip/1

Walleye received eyed eggs from South Dakota. They were planted as fry.

Yellowtail Res	1,200,000
Fort Peck Res	2,050,000

Big Horn	Hardin, Fort Smith
Valley, Phillips	Glasgow, Jordan, Roy,
Fergus, Petroleum	Fort Peck, Malta,
Garfield, McCone	Winnett, Circle

Walleye received 24,996,937 green eggs from Ft. Peck. They averaged a 45.8% eye up. They were planted as fry.

Yellowtail Res 1,000,000  
Fort Peck Res 13,797,000

Big Horn  
Valley, Phillips  
Fergus, Petroleum  
Garfield, McCone

Hardin, Fort Smith  
Glasgow, Jordan, Roy,  
Fort Peck, Malta,  
Winnett, Circle

Walleye received 24,974,794 green eggs from Intake. They averaged a 27.7% eye up. They were planted as fry.

Yellowtail Res 1,000,000  
Fort Peck Res 7,968,000

Big Horn  
Valley, Phillips  
Fergus, Petroleum  
Garfield, McCone

Hardin, Fort Smith  
Glasgow, Jordan, Roy,  
Fort Peck, Malta,  
Winnett, Circle

Walleye received 7,063,115 green eggs from Yellowtail Reservoir. They averaged a 38.4% eye up. They were planted as fry.

Yellowtail Res 1,500,000  
Fort Peck Res 1,800,000

Big Horn  
Valley, Phillips  
Fergus, Petroleum  
Garfield, McCone

Hardin, Fort Smith  
Glasgow, Jordan, Roy,  
Fort Peck, Malta,  
Winnett, Circle

Because of construction activities maintenance of facilities could not be accomplished.

\*Sufficient detailed maps not available to determine mileage.

Equipment scheduled for purchase under this project:

High pressure washer	completed
Diesel fuel storage tank and pump	completed
Microscope	not purchased but one on loan from USFWS
4-wheel ATV	completed

Purchase of rotary mower and boom sprayer was deferred until construction is completed so equipment can be matched to facility.

Prepared by: Thurston Dotson

Date: September 22, 1988

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## Procedures:

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	1300 man-days
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Seasonal - vacant	221 man-days
Total	4121 man-days

## Job Duration:

July 1, 1988 through June 30, 1989

## Report Period:

July 1, 1988 through June 30, 1989

Cost: \$133,920 Federal Share: 75% State Share: 25%  
indirect costs at 16.6%. Total direct cost = \$114,854

Salaries and benefits include personnel costs associated with operation, maintenance, egg collection, and fish distribution.

Operation includes capital equipment, utilities, travel, feed, and fuel.

Maintenance will include routine repair and maintenance of hatchery facilities, including painting, ground maintenance, preventive maintenance of pipes, pumps, and valves.

# 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	80119
ORGANIZATION CODE	DOCUMENT NUMBER

STATE

MONTANA

PROJECT NO.

F-47-D

SEGMENT NO.

2

AGREEMENT PERIOD

From: July 1, 1988

To: June 30, 1989

PROJECT TITLE

MILES CITY HATCHERY OPERATIONS

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
133,920	33,480	100,440
133,920	33,480	100,440

OTHER PROJECT PROVISIONS

Total includes indirect costs at the negotiated rate of 16.6 percent.

(Total direct cost = \$114,854)

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. Balay*

TITLE

Federal Aid Coordinator

DATE

*June 14, 1988*

SPECIAL PROJECT CONDITIONS

APPROVED FOR THE SECRETARY OF THE INTERIOR

SIGNATURE

*Henry J. Blackard*

TITLE

Chief, Division of Federal Aid

Approved effective

JUL 1 1988

DATE

JUL 7 1988

# STATE COPY

FY90	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance
FY91	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance
FY92	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance

Salaries and benefits include personnel costs associated with operation, maintenance, egg collection, and fish distribution.

Operation includes capital equipment, utilities, travel, feed, and fuel.

Maintenance will include routine repair and maintenance of hatchery facilities, including painting, ground maintenance, preventive maintenance of pipes, pumps, and valves.

Capital equipment for purchase under this project segment are:

High pressure washer	\$2,500
Diesel fuel storage tank and pump	2,000
Boom sprayer	1,000

#### PROCEDURES:

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TOTAL	4121 man-days

JOB DURATION: July 1, 1987 through June 30, 1988

REPORT PERIOD: July 1, 1987 through June 30, 1988

COSTS: \$126,017 - Federal Share: 75%; State Share: 25%

FY88	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance
FY89	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance

## JOB DESCRIPTION

STATE: MONTANA

PROJECT NO:

JOB TITLE: MILES CITY HATCHERY OPERATIONS

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

## PROJECT AGREEMENT

## DOCUMENT CONTROL

60152 70078  
ORGANIZATION CODE DOCUMENT NUMBER

STATE  
MONTANA

PROJECT NO. E-47-D SEGMENT NO. 1

## PROJECT TITLE

MILES CITY FISH HATCHERY OPERATIONS

## 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

Total Cost	State Share	Federal Share
145,297	36,324	108,973
145,297	36,324	108,973

## OTHER PROJECT PROVISIONS

The total project costs include the indirect costs at the negotiated rate of 15.3%.

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

*Roberta J. Boley*

TITLE

Federal Aid Coordinator

DATE

June 11, 1987

## SPECIAL PROJECT CONDITIONS

## APPROVED FOR THE SECRETARY OF THE INTERIOR

SIGNATURE

*Henry J. Blackhead*

TITLE

Chief, Division of Federal Aid

DATE

JUN 23 1987

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.



## 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.

MONTANA INTERGOVERNMENTAL REVIEW CLEARINGHOUSE  
REVIEW AND COMMENT FORM

Applicant: MT Department of Fish, Wildlife and Parks  
Fisheries Division  
Attn: Patrick Graham  
Address: 1420 East Sixth Avenue, Helena, MT 59620  
Phone: (406) 444-2449

Subject: Miles City Fish Hatchery Operations

Clearinghouse SAI No. MT870526-679-X

YOUR COOPERATION IS REQUESTED IN COMPLETING YOUR REVIEW AND RETURNING  
THIS FORM WITH YOUR COMMENTS TO THE ABOVE ADDRESS, WITH A COPY TO THE  
CLEARINGHOUSE, NO LATER THAN June 26, 1987

	YES	NO	COMMENTS
Is this proposal consistent with the plans, goals and objectives of your agency?			
Does the proposed action conflict with any applicable statute, order, regulation or rule with which you are familiar?			
Does this proposal overlap, conflict or duplicate other existing programs or agencies?			

Describe any suggestions or means of improving or strengthening the proposed plan.

Please convey your general conclusion by checking the appropriate response(s).

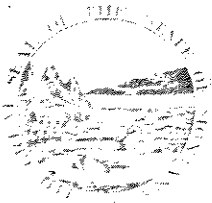
- ☐ Proposal is supported.  
☐ Support only with conditions described below.  
☐ Non-supportive for the reasons described below.  
☐ Additional information is desired as described below.  
☐ No comment on this proposal.

REMARKS:

Reviewer: \_\_\_\_\_ Title: \_\_\_\_\_  
Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Return to Applicant listed above, with a copy to:

Montana IGR Clearinghouse  
Lt. Governor's Office, Attn: Room 210  
State Capitol  
Helena, MT 59620



GEORGE TURMAN  
DEUTENANT GOVERNOR

State of Montana  
Office of The Lieutenant Governor  
Helena 59603  
140014-1-111

May 27, 1987

RECEIVED  
MAY 28 1987  
CENTRALIZED  
SERVICES DIVISION

Ms. Bobbi Balaz  
Federal Aid Coordinator  
MT Department of Fish,  
Wildlife and Parks  
1420 East Sixth Avenue  
Helena, MT 59620

RE: Miles City Fish Hatchery Operations  
Montana State IGR Clearinghouse SAI No. MT870526-679-X

Dear Ms. Balaz:

The above-captioned application for federal financial assistance 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 Inter-governmental Review Bulletin issued from this office.

Any inquiries or comments regarding the proposal will be directed to Patrick Graham. 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 and a copy of this letter should be submitted to the U.S. Department of the Interior, U.S. Fish and Wildlife Service, with the application papers, or forwarded to them to be attached if they are received after the application has been sent in. We have requested that comments be returned by June 26, 1987, and that copies be sent to the Clearinghouse for our files.

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

Sincerely,

*Sue Heath*

SUE HEATH  
Clearinghouse Manager

Enclosure

RELATED FEDERAL PROJECTS:

Egg collection is related to and coordinated  
with F\_\_\_\_\_, statewide fisheries  
investigations.

Channel catfish fry or fingerlings will be obtained from USF&WS or other state agencies, reared and transplanted from Miles City.

Forage fish will be obtained from commercial sources and seining local ponds to develop a reproducing population in the hatchery.

Forage will be harvested to feed bass broodstock and to stock in ponds and reservoirs that lack forage fish.

FY88	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance
FY89	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance
FY90	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance
FY91	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance
FY92	\$126,017	\$58,567.35	Salaries+benefits
		61,379.18	Operations
		6,070.47	Maintenance

Salaries and benefits include personnel costs associated with operation, maintenance, egg collection, and fish distribution.

Operation includes capital equipment, utilities, travel, feed, and fuel.

Maintenance will include routine repair and maintenance of hatchery facilities, including painting, ground maintenance, preventive maintenance of pipes, pumps, and valves.

Capital equipment for purchase under this project are:

High pressure washer	\$2,500
Diesel fuel storage tank and pump	2,000
Microscope	2,000
Cushman or 4-wheel ATV	5,500
Rotary mower	5,900
Boom sprayer	1,000

#### TECHNICAL PERSONNEL:

Patrick Graham, Administrator  
Thurston Dotson, Hatchery Bureau Chief  
Steve McMullin, Management Bureau Chief  
Paul Butterfield, Hatchery Manager  
Mike Rhodes, Fish Culturist  
Monte Reder, Fish Culturist  
Seasonal - vacant

Production during the first few years will be used on a priority basis to establish fish in habitats that have a high potential for developing spawning runs. Second priority will be to stock fish in areas to enhance already existing populations that can produce additional spawning fish.

When adequate and dependable egg sources become available the hatchery production potential may be realized.

The following species of fish will be reared at the Miles City Hatchery but are not part of this federal aid project. Production of these species will be funded solely with state funds. The estimated numbers are for the capacity of the hatchery:

- |    |                           |           |
|----|---------------------------|-----------|
| 1. | Northern pike fry         | 5,000,000 |
| 2. | Northern pike fingerlings | 550,000   |
| 3. | Crappie                   | 300,000   |
| 4. | Channel catfish           | 25,000    |

#### EXPECTED BENEFITS:

The expected benefits of this project are initially to provide fish to establish stable populations of walleye and northern pike in waters suitable for developing future egg supplies. As fish populations in these selected waters begin to provide more dependable sources of eggs the hatchery production can be increased.

As more stable egg supplies are developed, fish will be stocked in a variety of suitable waters based on the priority system identified in the Statewide Warmwater Management Plan. The fish reared at the hatchery will contribute directly toward the goal of 407,900 angler days by 1990 for warmwater species in the state's lakes and streams.

#### APPROACH:

The hatchery will be operated using the latest technologies in warmwater fish culture. Naturally spawning runs of walleye and northern pike will be trapped to obtain egg requirements of these species.

Broodstock for large and smallmouth bass will be maintained on station. Sufficient broodstock number will be developed to supply the statewide requirement of large and smallmouth bass.

Adult crappie will be trapped each year at Tongue River Reservoir and placed in ponds at the hatchery to spawn. Young crappie will be harvested from the hatchery to stock in designated waters.

Walleye, northern pike, and crappie will be obtained from wild sources.

Walleye and northern will be obtained from eggs taken from wild spawning fish. Eggs will be returned to the hatchery for incubation and hatching. Resultant fry will be stocked in waters designated to receive fry. Fry designated for fingerling production will be stocked in rearing ponds at the hatchery for growth and development. After the fish have reached the fingerling stage fish will be removed from ponds and planted in designated waters.

Stocking will be in designated waters developed to address priority needs for warmwater fish species management. Due to the circumstances for each body of water and fish survival the individual waters planted will change on an annual basis.

Large and smallmouth bass will be acquired from hatchery maintained broodstock. The bass will spawn in designated nest areas and adult bass are then removed. Remaining fry then grow to fingerlings in these ponds. Then they are stocked in designated waters.

Forage fish will be obtained from commercial sources and by seining local ponds to develop a reproducing population in the hatchery. Forage fish will be harvested to feed bass broodstock and to supplement lakes and reservoirs that require additional forage fish.

#### OBJECTIVES:

To attain full production and operate the Miles City Hatchery at its designed capability.

The following species will be reared at Miles City Hatchery funded with 75% federal and 25% state funds, and is part of this federal aid project. The estimated numbers are for the annual capacity of the hatchery:

1.	Walleye fry	42,000,000
2.	Walleye fingerlings	2,100,000
3.	Largemouth bass	500,000
4.	Smallmouth bass	500,000
5.	Forage fish	10,300,000

Full production will depend on available egg supplies from in-house broodstock for large and smallmouth bass, and eggs from wild stock to produce walleye, northern, crappie, and initial forage fish starters. Channel catfish will be acquired from other agencies and reared to stocking size at Miles City.

#### PART IV PROGRAM NARRATIVE

STATE: MONTANA

PROJECT NO:           

PROJECT TITLE: MILES CITY HATCHERY OPERATIONS

#### NEED:

The eastern two-thirds of Montana contains over 250 lakes, reservoirs, and ponds plus more than 4,000 miles of streams with suitable habitat for warmwater fisheries. Management of these waters prior to 1983 was dependant upon limited reproduction and surplus hatchery fish reared at the Miles City Federal Fish Hatchery.

In 1982 the Department of Fish, Wildlife, and Parks acquired the Miles City hatchery when the USF&WS closed the station. At about the same time public awareness of the potential for warmwater fishing increased. A public interest group, Walleyes Unlimited of Montana, organized to support the development of more warmwater recreational opportunities. Walleyes Unlimited of Montana has expanded to 25 active chapters throughout the state.

When the Department of Fish, Wildlife, & Parks acquired Miles City Hatchery it could not meet the demand for warmwater fish in Montana. A \$5.2 million renovation project is under way to rebuild the hatchery and to increase its capability to produce 42,000,000 walleye fry, 2,000,000 walleye fingerlings, 5,000,000 northern pike fry and fingerlings, 1,000,000 bass, crappie, and catfish. Also more than 10,000,000 forage fish could be produced at the hatchery. These renovations are scheduled for completion in March of 1988.

Sustained production of hatchery fish will be required to meet the present and expected increase in demand of anglers for warmwater fishing. By 1990, we expect use to increase to 407,900 angler days up from 316,700 in 1984.

Because of an increased demand for warmwater fishing opportunities in Montana the Department has committed increased management activities and financial resources to meet this demand. Full hatchery production will be required to meet the recreational and biological potential for warmwater species.

The full production potential probably will not be met due to a limited supply of walleye and northern pike eggs. As egg sources are developed and existing ones enhanced full production could possibly be realized during the last year of this project.



State: Montana

Project: Miles City Hatchery Operations

Environmental Considerations

An environmental assessment of activities covered by this project was deemed unnecessary because the nature and scope of the activities fall within the guidelines for categorical exclusion as published by U.S. Fish and Wildlife Service (FWS) in Volume 47, No. 127 of the Federal Register, Page 28842, Sections 1.4B(2). Operation, maintenance, and management of existing facilities, and 1.4.B.(4), stocking of native or established species into suitable habitat.

The limitations for categorical exclusion as listed on pages 34-35 of "NEPA in Federal Air Proposals-Guidance to the States," FWS, September, 1980 were considered, and it was determined that there are no conflicts.

The activities contemplated on this project will have no effects on 1) floodplain management (E.O. 11988), 2) Protection of Wetlands (E.O. 11990), 3) the Farmland Protection Policy Act (P.L. 97-98), 4) Historical and cultural preservation, or 5) the Endangered Species Act of 1973.

The proposed project has been submitted to the State Clearinghouse (E.O. 12372) for the required 30-day review. If any comments are received, they will be forwarded to FWS for consideration and appended to this application.

The proposed project has also been submitted to the State Historic Preservation Office for their review and clearance. A copy of the clearance letter will be forwarded to FWS and appended to this application.

Section 1

Item 7. Project Description

The purpose of the project is to operate and maintain the Miles City fish hatchery to produce warmwater fish for management purposes to the extent available egg supplies permit and to stock in State waters the fish produced.

Item 12. Proposed Funding

Cost shown include direct costs.

No program income is anticipated to be generated.



# 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

JUN 15 1987

CENTRALIZED  
SERVICES DIVISION

June 12, 1987

Bobbi Balaz  
Fish Wildlife and Parks  
Helena, MT. 59620

RE: Dingell-Johnson Sport Fish Restoration Project, operation and maintenance  
of the Miles City Fish Hatchery.

Dear Bobbi:

Thank you for the opportunity to review and comment on the above cited Federal Aid project. We note that this project will not affect lands or buildings. Hence, we concur that the activities which will be undertaken under this Federal Aid application will have no effect on significant cultural resources. No further cultural resource review appears warranted.

Thank you for consulting with us.

Sincerely,

David Schwab,  
Archaeologist/Anthropologist

File:FWP,Federal Aid Projects



STATE OF MONTANA  
Office of Budget  
and Program Planning

FEDERAL ASSISTANCE MANAGEMENT ACT  
GRANT CLEARANCE REQUEST FORM

APPLICANT AGENCY

The information contained in the attached schedules is submitted to support our request to submit application for federal funds. This request is made pursuant to the Federal Assistance Management Act, Sections 17-3-101 through 17-3-111, MCA.

AGENCY

NAME

Montana Department of Fish, Wildlife and Parks

PROJECT

PROJECT NAME

Miles City Fish Hatchery Operations

REQUESTED  
FUNDS

\$ 32,754 federal

STATE  
MATCHING  
FUNDS

\$ 11,366

If a grant award is made, will a budget amendment be required?


☐ YES

☒ NO

I hereby certify that the information presented herein is true and correct and accurately reflects the justification for this request.

Signature of authorized Agency Official and date signed.

*Dave Mott*  
Dave Mott June 11, 1987

<b>FEDERAL ASSISTANCE</b>			2. APPLICANT'S APPLICATION IDENTIFIER		a. NUMBER <u>F-47-D</u>		3. STATE APPLICATION IDENTIFIER		a. NUMBER MT870526-679-X		
1. TYPE OF SUBMISSION (Mark up appropriate box) <input type="checkbox"/> NOTICE OF INTENT (OPTIONAL) <input type="checkbox"/> PREAPPLICATION <input checked="" type="checkbox"/> APPLICATION			b. DATE Year month day 19 87 6 12		NOTE TO BE ASSIGNED BY STATE		b. DATE ASSIGNED Year month day 19 87 5 27		Leave Blank		
4. LEGAL APPLICANT/RECIPIENT a. Applicant Name <u>Montana Department of Fish, Wildlife, &amp; Parks</u> b. Organization Unit <u>Fisheries Division</u> c. Street/P.O. Box <u>1420 East Sixth Avenue</u> d. City <u>Helena</u> e. County <u>Lewis &amp; Clark</u> f. State <u>Montana</u> g. ZIP Code <u>59620</u> h. Contact Person (Name & Telephone No.) <u>Patrick J. Graham (406) 444-2449</u>							5. EMPLOYER IDENTIFICATION NUMBER (EIN) <u>83-03-02402</u>				
7. TITLE OF APPLICANT'S PROJECT (Use section IV of this form to provide a summary description of the project) <u>Miles City Fish Hatchery Operations</u>							6. PRO-GRAM (From CFDA) a. NUMBER <u>151605</u> b. TITLE <u>DJ Fisheries Restoration</u>				
9. AREA OF PROJECT IMPACT (Names of cities, counties, states, etc.) <u>Statewide</u>							10. ESTIMATED NUMBER OF PERSONS BENEFITING		8. TYPE OF APPLICANT/RECIPIENT A—State B—Interstate 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 <u>A</u>		
12. PROPOSED FUNDING			13. CONGRESSIONAL DISTRICTS OF:			11. TYPE OF ASSISTANCE A—Basic Grant B—Supplemental Grant C—Loan D—Insurance E—Other Enter appropriate letter(s) <u>A</u>					
a. FEDERAL \$ <u>472,564.00</u>			a. APPLICANT <u>1</u>			b. PROJECT <u>1 &amp; 2</u>					
b. APPLICANT .00			Montana			Western/Eastern					
c. STATE ** <u>157,521.00</u>			15. PROJECT START DATE Year month day 19 87 07 01			16. PROJECT DURATION <u>60 Months</u>					
d. LOCAL .00			18. DATE DUE TO FEDERAL AGENCY Year month day 19 87 07 01			14. TYPE OF APPLICATION A—New B—Renewal C—Revision D—Continuation E—Augmentation Enter appropriate letter <u>A</u>					
e. OTHER .00			f. Total \$ <u>630,085.00</u>			17. TYPE OF CHANGE (For 14c or 14e) A—Increase Dollars B—Decrease Dollars C—Increase Duration D—Decrease Duration E—Cancellation F—Other (Specify): Enter appropriate letter(s) <u>  </u>					
19. FEDERAL AGENCY TO RECEIVE REQUEST <u>US Department of Interior</u>							20. EXISTING FEDERAL GRANT IDENTIFICATION NUMBER				
a. ORGANIZATIONAL UNIT (IF APPROPRIATE) <u>US Fish &amp; Wildlife Service</u>							b. ADMINISTRATIVE CONTACT (IF KNOWN) <u>Federal Aid</u>				
c. ADDRESS <u>P.O. Box 25486</u> <u>Denver Federal Center</u> <u>Denver, CO 80225</u>							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.									
23. CERTIFYING REPRESENTATIVE		a. TYPED NAME AND TITLE <u>James W. Flynn, Director</u>									
		b. SIGNATURE 									
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 Year month day 19 JUN 9 5 1987			30. STARTING DATE Year month day 19		
			31. CONTACT FOR ADDITIONAL INFORMATION (Name and telephone number) <u>Jerry J. Blackland</u> <u>303-236-7302</u>			32. ENDING DATE Year month day 19			33. REMARKS ADDED <input type="checkbox"/> Yes <input type="checkbox"/> No		