

**ENVIRONMENTAL REVIEW OF FISH INTRODUCTION
PRIVATE POND APPLICATION**

Name and address of applicant: Patrick Hemingway
2890 Springhill Rd
Bozeman, MT 59718

Has the pond been approved for a private pond permit? No

Does the pond have water rights? Yes, this pond has a statement of claim water right # 41QJ 30051135 for a Fishery water use and a priority date of May 20, 2011. This water right includes a reservoir record with a depth of 13 feet, a surface area of 0.29 acres, and a current capacity of 1.88 acre-feet. The maximum groundwater volume is 2.80 AC-FT.

Location of pond:

County: Lewis and Clark

Legal description: T15N, R3W, S3, SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ N 47.08275°, W 111.96037°

Name of the drainage where the pond would be located: Pond is located on the Missouri River valley bottom.

Fish species proposed for introduction: Rainbow trout and Brown trout

Is this species legally present in the drainage? Yes.

Species of Special Concern present in the drainage: None in the Missouri River section upstream of Great Falls to Holter Dam. Arctic grayling are present in headwaters streams of the Missouri River. Blue sucker, sauger, pallid sturgeon, paddlefish, sicklefin chub and sturgeon chub have been sampled in the Missouri River downstream of the falls near Great Falls, MT.

RISKS:

Inlets to or outlets from the pond? Yes ___ No X **Explain:** Water enters the pond from ground water. The water level of the Missouri River will influence the pond water level.

Potential for impacts on genetic structure of existing fish populations: ___ None X
Minor ___ Major

Comments: Adverse genetic impacts are considered unlikely. The proposed species is not native to the Missouri River drainage. Rainbow or brown trout that would escape from this pond should have little negative impact on the genetics of non-native trout populations.

Impacts to any life stage of existing fish populations due to competition and/or predation? X None ___ Minor ___ Major

Comments: No other fish exist in this pond.

Impacts to other forms of aquatic life that may be caused by this introduction?

None Minor Major

Comments: Rainbow trout or brown trout will consume some invertebrates in pond.

Potential for the proposed new species to reproduce in this location: None Minor Major

Comments: No inlet stream or available spawning habitat exists.

If necessary, would it be feasible to remove this species after it has been stocked?

Yes, this pond could be chemically treated or eliminated through attrition.

Would this introduction result in impacts that are individually limited, but cumulatively considerable? No.

Describe reasonable and prudent alternatives to this action, if any (including no action). Do not stock.

Describe and evaluate mitigation, stipulations, or other control measures enforceable by the agency, if any. Species restrictions.

List any other agencies or individuals that may be affected by the proposed introduction: None.

List all agencies and individuals who have been notified of this proposed introduction: None.

Based on this evaluation, is an EIS required? YES/NO? If no, explain why the EA is the appropriate level of analysis for the proposed action. No. Minor impacts expected.

EA prepared by: Paul. D. Hamlin

DATE: March 14, 2012



Photos of the Patrick Hemingway Pond

**DECISION RECORD
FISH POND LICENSE**

DECISION: Issue

- Private Pond License**
- Commercial Pond License**
- One Time Permission to Plant Letter**
- Denial**

EA Title: Patrick Hemingway Private Pond

APPROVED SPECIES: Rainbow trout and brown trout

LICENSE RESTRICTIONS:

DECISION REASONING:

- Pond meets all other requirements for Private Pond License.**



George Liknes
Regional Fisheries Manager

4/12/2012
Date