

A. BACKGROUND

1. Name of proposed project, if applicable:

Ione Mill Pond Fish Rearing for Washington Dept Fish and Wildlife

2. Name of applicant:

Bruce Nicholas "Nick" Anderson

3. Address and phone number of applicant and contact person:

P.O.Box 909
Ione WA 99139
509 442-4330

4. Date checklist prepared: April 13, 2009

5. Agency requiring checklist

Washington Dept of Fish and Wildlife (DFW)

6. Proposed timing or schedule (including phasing, if applicable):

Plan to start project in Mayh 2009.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? Yes

If yes, explain. Fish are grown annually under the DFW "cooperator" program, wherein volunteers such as myself rear and release fish for recreational sportsfishing.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Water parameters were measured over a three year period, 2002,2003, and 2004 by the Pend Oreille Conservation District.and published in Pend Oreille Watershed Ranking , Water Quality Monitoring Report, Washington State Dept of Ecology, December 2004. Additional water monitoring, sampling and analyses have been performed by the Selkirk School District Environmental Laboratory. Results have been provided to DFW Bill Baker and pathologist Roberts. Additional sampling will be done as fish are reared.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.
NO

10. List any government approvals or permits that will be needed for your proposal, if known.

A JARPA was submitted to the Pend Oreille County Community Development Department (formerly the Planning Department). The county issued a Substantial Shoreline Development Exemption for this project and distributed the JARPA to other agencies, including the DFW. (Please see attachment regarding this item).

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

A fish rearing "containment" known as a floating raceways, will be placed in the Ione mill pond waters and stocked with 10,000 triploid rainbow trout in May 2009 and released in October 2009. This activity is conducted by volunteers, referred to as cooperators in this DFW program.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The Ione Mill Pond is immediately west of State Rt 31 just south of Ione. Section 6 Township T37N, Range R43E.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. Earth Does Not Apply

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

b. What is the steepest slope on the site (approximate percent slope)?

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed.
Indicate source of fill.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

2. Air

Does Not Apply

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is

completed? If
any, generally describe and give approximate quantities if known.

b. Are there any off-site sources of emissions or odor that may affect your proposal?
If so,
generally describe.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY**3. Water****a. Surface:**

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

The mill pond was formed by the placement of a "dam" behind which the waters of Big and Little Muddy Creeks collect. The pond drains into the Pend Oreille River via a conduit running under State Rt. 31.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes. Please see enclosed figures (two) of the Lone Mill Pond showing location of raceway and access "walkway"

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

Fill and dredge not required.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Yes

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

As in fish rearing conducted in net pens, some fish mortalities may occur. Fish are tended daily and any mortalities will be collected and removed off site and buried. Mortalities will not be discharged into the mill pond. The raceway will be outfitted with a feature to catch fish feces and any uneaten food and taken offsite rather than being discharged into the mill pond.

b. Ground: Does Not Apply

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

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EVALUATION FOR
AGENCY USE ONLYc. Water runoff (including stormwater): **Does Not Apply**

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow?

Will this water flow into other waters? If so, describe.

Not applicable

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

Not Applicable

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Not applicable

4. Plants

a. Check or circle types of vegetation found on the site:

 deciduous tree: alder, maple, aspen, other evergreen tree: fir, cedar, pine, other shrubs grass pasture crop or grain wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other water plants: water lily, eelgrass, milfoil, other other types of vegetation**Species of water plants likely occur, species unknown**

b. What kind and amount of vegetation will be removed or altered?

c. List threatened or endangered species known to be on or near the site.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other:

Probably all of these birds and mammals occur on this site. Also osprey and river otters are likely. There are also likely fish but species unknown

- b. List any threatened or endangered species known to be on or near the site.

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c. Is the site part of a migration route? If so, explain.
The Pend Oreille River is a migratory route for waterfowl.

d. Proposed measures to preserve or enhance wildlife, if any: None.

Existing wildlife as listed above will not be affected by this project.

6. Energy and natural resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electricity will be used for lighting. This will be installed on shore in a small existing building.

b. Would your project affect the potential use of solar energy by adjacent properties?

No

If so, generally describe.

c. What kinds of energy conservation features are included in the plans of this proposal?

Does Not Apply

List other proposed measures to reduce or control energy impacts, if any:

7. Environmental health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal?

None

If so, describe.

1) Describe special emergency services that might be required.

None

2) Proposed measures to reduce or control environmental health hazards, if any:

b. Noise Does Not Apply

1) What types of noise exist in the area which may affect your project (for example:

traffic, equipment, operation, other)?

2) What types and levels of noise would be created by or associated with the project on a

short-term or a long-term basis (for example: traffic, construction, operation, other)? Indi-

cate what hours noise would come from the site.

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3) Proposed measures to reduce or control noise impacts, if any:

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?

The site was formerly used as a lumber mill pond. This was abandoned some 15 or more years ago. The pond is currently not in use, nor is the adjoining property formerly used by the mill. The Big and Little Muddy Creek watersheds are described in the Conservation District document cited above (Item 8) as "forested".

b. Has the site been used for agriculture? If so, describe.

No

c. Describe any structures on the site.

There are remnant pilings in the pond

d. Will any structures be demolished? If so, what?

No.

e. What is the current zoning classification of the site? Do Not Know

f. What is the current comprehensive plan designation of the site? Do Not Know

g. If applicable, what is the current shoreline master program designation of the site?

Do Not Know

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Do Not Know

i. Approximately how many people would reside or work in the completed project?

Usually no more than two at a time for daily tending the fish.

j. Approximately how many people would the completed project displace?

None

k. Proposed measures to avoid or reduce displacement impacts, if any:

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EVALUATION FOR
AGENCY USE ONLY

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Does Not Apply

9. Housing Does Not Apply

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
- c. Proposed measures to reduce or control housing impacts, if any:

10. Aesthetics Does Not Apply

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
- b. What views in the immediate vicinity would be altered or obstructed?
- c. Proposed measures to reduce or control aesthetic impacts, if any:

11. Light and glare Does Not Apply

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

- b. Could light or glare from the finished project be a safety hazard or interfere with views?
- c. What existing off-site sources of light or glare may affect your proposal?
- d. Proposed measures to reduce or control light and glare impacts, if any:

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY**12. Recreation****Might apply**

- a. What designated and informal recreational opportunities are in the immediate vicinity?

Recreational use of the Pend Oreille River, including fishing.

- b. Would the proposed project displace any existing recreational uses? No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

13. Historic and cultural preservation Does Not Apply

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

- c. Proposed measures to reduce or control impacts, if any:

14. Transportation Access is via existing roads in Ione

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? No

- c. How many parking spaces would the completed project have? How many would the project eliminate? Does Not Apply

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). No

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AGENCY USE ONLY

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

One

g. Proposed measures to reduce or control transportation impacts, if any:

Does Not Apply

15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

b. Proposed measures to reduce or control direct impacts on public services, if any.

Does Not Apply

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse serv-
ice, telephone, sanitary sewer, septic system, other.

Power supply to the site is being pursued. This would be for the operation of aeration equipment if and when water temperatures increase to the point that DO (dissolved oxygen) is reduced. In previous cooperatior rearing experience this occurred in the July August time frame. Power is expected to be available in that time frame. Aeration apparatus has been fabricated and tested and is ready for installation should it be required.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

A power pole and a service connection would be installed by the Pend Oreille Public Utility District.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:

Date Submitted:

See next page -

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: BM Anderson

Date Submitted: 5-15-09

Mill Pond at Ione

