State of Washington
DEPARTMENT OF FISH AND WILDLIFE
Habitat Program: 600 Capitol Way N., Olympia Washington 98501-1091 - (360) 902-2534

ENVIRONMENTAL CHECKLIST
(WAC 197-11-960)

A. BACKGROUND

1. Name of proposed project if applicable:

   Plant triploid (sterile) grass carp to control aquatic vegetation.

2. Name of applicant: CALVIN J. CARY

3. Address and phone number of applicant and contact person:
   2085 SARGENT Road Addy, WA 99101 CALVIN J. CARY 509-935 0432

4. Date of checklist prepared: 4-4-11

5. Agency requesting checklist: **Washington Department of Fish and Wildlife**

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

7. Do you have any plans for future additions, expansions or further activity related to or connected with this proposal? If yes, explain: **YES, may need to restock, in five years or more, due to predation or natural die off.** YES AS STATED ABOVE

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

9. Do you know whether applications are pending for government 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. **Planting permit from Washington Department of Fish and Wildlife.**
    ✓ b. **Certificate from U.S. Fish and Wildlife Service that the fish shipped are triploids (sterile) and certification that the fish show no sign of disease.**

11. Give a brief, complete description of your proposal, including the proposed use and the size of the project. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to answer those on this page.

    a. **Plant triploid grass carp to control aquatic vegetation.**

12. Location of proposal. Give sufficient information for a person to understand the precise location of your proposed project, including: **street address, if any, and section, township and range (required).** If a proposal would occur over a range of areas, provide the range or boundaries of the site(s). Provide a legal description and site plan, if reasonably available. **A copy of a vicinity map or topographic map is required.** 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.

B. ENVIRONMENTAL ELEMENTS

1. EARTH

    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)?

    6% ?

    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 not any prime farmland.

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

    NO

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

    N/A

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

    NO

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

    0

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

    GRASS

2. AIR

a. What type of emissions to the air would result from the proposal (for example: dust automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

NONE

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

NO

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

NONE

3. WATER

a. Surface

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

Ground water pond. No flow in or out.

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.

NO

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.

NA

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? YES (NO)
If yes, note location on the site plan.

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

NO

b. Ground

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

NO

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). 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.

NONE

c. Water Runoff (including storm water):

1. Describe the source of runoff (including storm water) and method of collection and disposal, if any (including quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

POSSIBLE RUNOFF INTO LOWER PASTURES DURING AN EXTREMELY FAST BREAKUP OF WINTER SNOW. (UNHISTORIC OCCURANCE)

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

NO

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

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,) bulrush, skunk cabbage, other

___ water plants: water lily, (eelgrass?,) milfoil, other

✓ other types of vegetation

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

NONE

c. List threatened and endangered species (of plants) known to be on or near the site.

NONE

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

YES. GRASS, SHRUBS SHADING POND, HOPEFU
SOME DECIDUOUS TREES AS PER BIO. RECOMM
-DATION:

5. ANIMALS

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

Birds: hawk, heron, eagle, songbirds, other: OWLS, GEESE, DUCKS

Mammals: deer, bear, elk, beaver, other: RABBIT

Fish: bass, salmon, trout, herring, shellfish, other: _____

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

c. Is the site part of a migration route? If so, explain.

NO

d. Proposed measures to preserve and enhance wildlife, if any:

6. ENERGY AND NATURAL RESOURCES

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

WIND MILL TO OXYGENATE POND. IN USE NOW

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

NO

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

WIND POWERED COMPRESSOR (AIR) SEE 6.2. ABOVE

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.

NO

1. Describe special emergency services that might be required.

NONE

2. Proposed measures to reduce or control environmental health hazards.

N/A

b. Noise

1. What types of noise exist in the area that may affect your project (for example: traffic, equipment, operation, other)?

NONE

2. What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

NONE

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

N/A

8. LAND AND SHORELINE USE

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

FOREST

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

NO

3. Describe any structures on the site.

NONE EXCEPT THE WINDMILL ON AN OVERLOOK hill.

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

NO

5. What is the current zoning classification of the site?

FOREST

6. What is the current comprehensive plan designation of the site?

N/A

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

N/A

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

NO

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

NONE

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

NONE

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

12. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

9. HOUSING

1. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing.

0

2. Approximately how many units, if any would be eliminated? Indicate high, middle or low-income housing.

0

3. Proposed measures to reduce or control housing impacts, if any:

0

10. AESTHETICS

1. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

0

2. What views in the immediate vicinity would be altered or obstructed?

NONE

3. Proposed measures to reduce or control aesthetic impacts, if any:

11. LIGHT AND GLARE

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

NONE

2. Could light or glare from the finished project be a safety hazard or interfere with views?

No

3. What existing off-site sources of light or glare may affect your proposal?

None

4. Proposed measures to reduce or control light and glare impacts, if any:

12. RECREATION

1. What designated and informal recreational opportunities are in the immediate vicinity? PRIVATE Hiking

2. Would the proposed project displace any existing recreational uses? If so, describe.

No

3. Proposed measures to reduce or control impacts on recreation, including recreational opportunities to be provided by the project or applicant, if any:

No

13. HISTORIC AND CULTURAL PRESERVATION

1. Are there 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.

No

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

None

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

None

14. TRANSPORTATION

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

2. Is the site currently served by public transit? If no, what is the approximate distance to the nearest transit stop?

No ~ 6 MILES C.I.C.

3. How many parking spaces would the completed project have?

None

VERY PRIVATE LAND, UNACCESSIBLE TO THE public

4. How many would the project eliminate?

N/A

5. 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

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

NO

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

NONE

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

NONE PRIVATE LAND. USE USED BY OWNER.

15. PUBLIC SERVICES

1. 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

2. Proposed measures to reduce or control direct impacts on public services.

NONE

16. UTILITIES

1. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other:

NONE

2. 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 that might be needed.

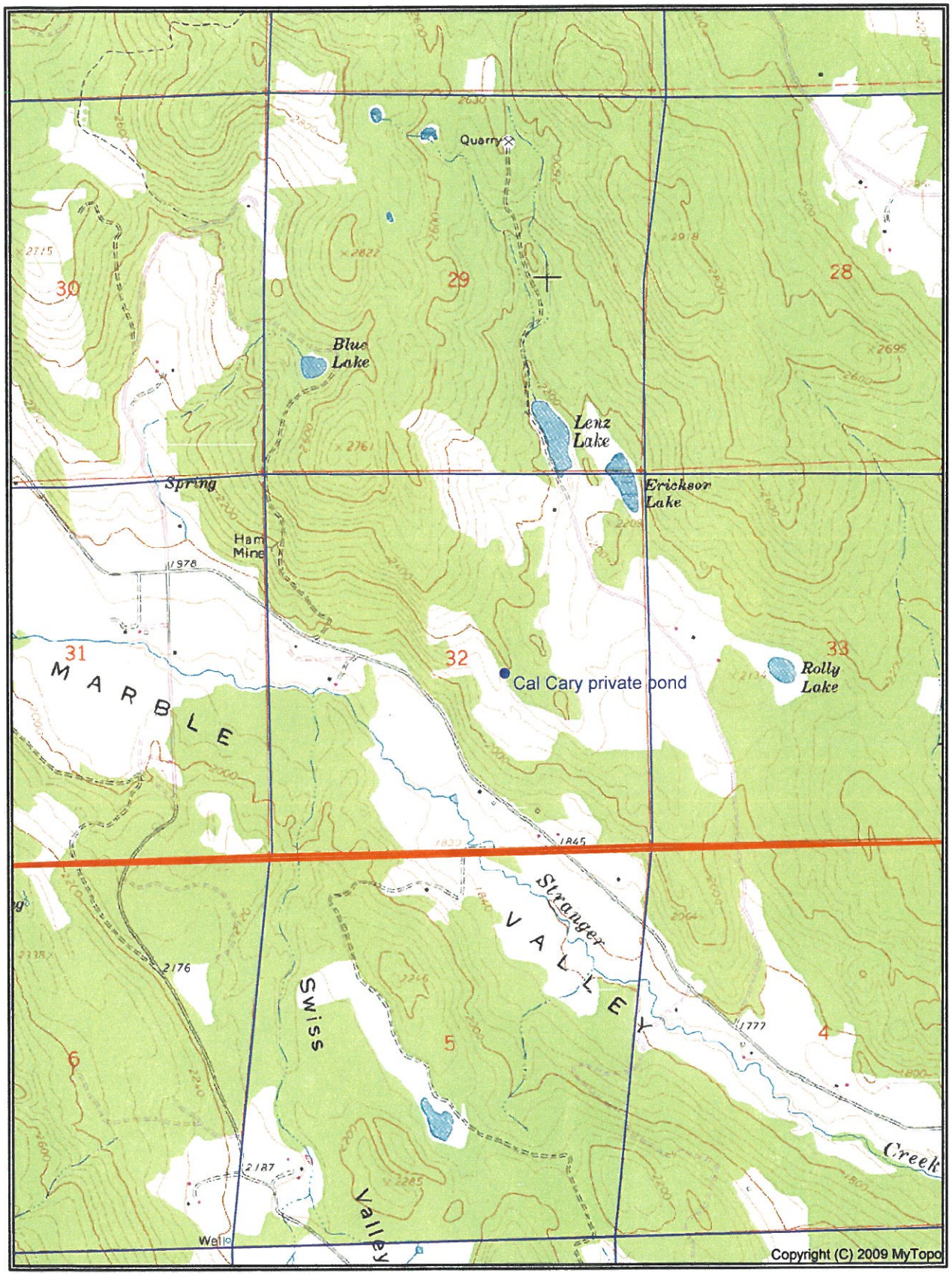
NONE

17. 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 4-4-11



SCALE 1:24000

0 1000 2000 3000 4000 5000 6000 7000

FEET

T34N
R3E

FISH & WILDLIFE
2315 N. DISCOVERY PLACE
SPOKANE VALLEY, WA 99216
509-892-7855
DATE 04/05/2011 TUE TIME 16:19

FISH PLANTS		$24.00
TOTAL		$24.00
CHECK		$24.00
CLERK 1	003345	00001

[INGTON DEPARTMENT OF FISH AND WILDLIFE
Application for Planting Triploid Grass Carp

RECEIVED
JUL 11 2011
HABITAT PROGRAM

1. Organization CALVIN J. CARY

2. Address 2085 SARGENT RD ADDY, WA 99101 Day Phone: 1-509-935-0432

3. Name of Lake or Pond to be Planted: PRIVATE POND

4. County: STEVENS Township: 34 Range: 39 Section: 32

Note: A photocopy of a county map showing rivers and streams at the proposed planting location MUST be provided with this application.

5. Size of lake or pond (1 acre= 208 X 208 ft.) 1.3 acres approx. Max Depth (ft) 10

6. Does this pond or lake have public access provided by the city, county, state or federal government or other publicly owned municipality? YES____ NO ✓
(Answer "NO" for golf course, sewage treatment or fish culture ponds and power or irrigation canals).
If you answered "NO", go to #8

7. If you answered "YES" to number 6, are the results of a Lake Restoration Feasibility Study included? YES_____ NO_____

If you answered "YES" go to # 10 and skip #11.
If you answered "NO", a permit cannot be issued until the standards for a lake restoration study have been met. Please contact your local WDFW regional office to proceed with this study.

8. Total number of waterfront property owners: 1 ~ SELF

9. Number of waterfront property owners that support _____ or oppose_____ Proposed planting of triploid grass carp.
Note: The names, addresses and phone numbers of all waterfront property owners and whether or not they support the proposed grass carp introduction MUST be provided with this application.

10. Have all outlets and/or inlets been screened? YES_____ NO_____ THERE ARE NO INLETS OR OUTLETS
If you answered "NO" you must apply for a Hydraulic Project Approval (HPA) before installing screens. **The Department of Fish and Wildlife will not issue a permit to plant triploid grass carp into waters with unscreened outlets.** If the proposed lake or pond is greater than 20 acres, other permits from the county of jurisdiction may be required to install screens. Please contact your Department of Fish and Wildlife Regional Office for additional direction on this requirement.

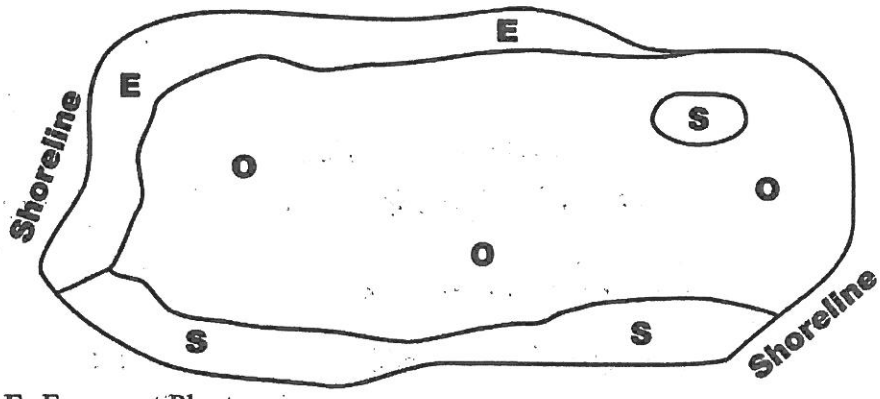
11. Please draw a map of the lake or pond as close to scale as possible on the attached sheet. Draw in vegetation types that are present. This map will assist our biologists in determining how many fish to plant into your pond or lake.

Signature of Applicant _____ Date 4-4-11

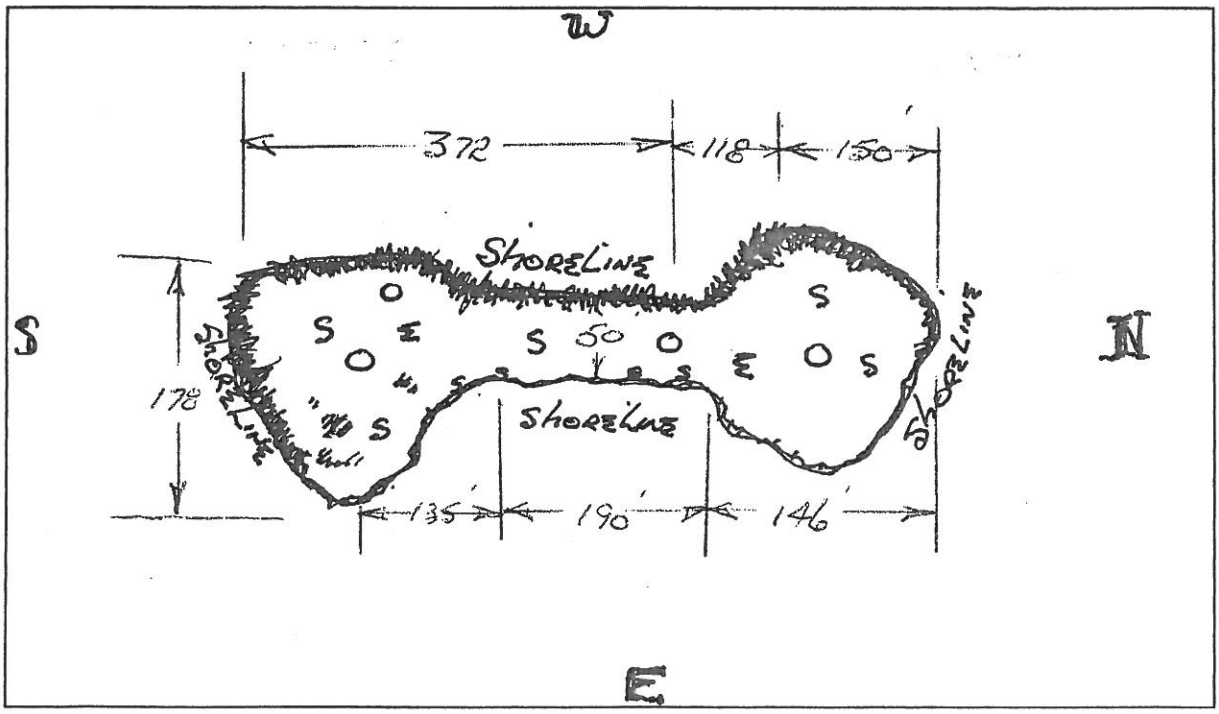
MAP OF LAKE OR POND

Please include distribution of each vegetation type. Irrigation and power canal applicants need only provide estimated acres of each plant type.

Please use the space below to draw a map of your water as close to scale as possible. Also draw in the approximate areas that are covered by each type of plant and properly label each. **Plant coverage estimates should be made in July or August or from your best recollection of that time period.**



E- Emergent Plants
S- Submerged Plants
O- Open Water



Name of Applicant CALVIN J. CARY

Name of Lake or Pond PRIVATE POND

WEST SIDE HAS FIELD GRASS TO EDGE & GROWING INTO POND

EAST SIDE HAS SPARSE GRASS TO EDGE

POND HAS ABUNDANT PLANT & GRASS LIFE. (NATIVE)

State of Washington

DEPARTMENT OF FISH AND WILDLIFE

Mailing Address: 600 Capitol Way N - Olympia, Washington 98501-1091 - (360) 902-2200, TDD (360) 902-2207
Main Office location: Natural Resources Building - 1111 Washington Street SE - Olympia, WA

Triploid grass carp may be planted in the State of Washington after the required permits and documents are approved. These permits and documents include:

1. Approval to plant triploid grass carp from the Washington Department of Fish and Wildlife (WDFW)
2. A State Environmental Policy Act (SEPA) determination.
3. Lake Restoration Study (ONLY if lake or pond is public)
4. Hydraulic Project Approval (ONLY if screening is required) (This is an approval that comes only after SEPA is satisfied)
5. Documentation from the United States Fish and Wildlife Service verifying the fish being planted are certified disease free triploid grass carp. (You will receive this from the vendor distributing the fish)

The following documents are needed to apply for a permit to plant triploid grass carp. Please follow the instructions below to ensure your application will be processed quickly.

1. The Washington Department of Fish and Wildlife Application for Planting Triploid Grass Carp. (Attached) Follow all instructions and provide accurate answers for each question.
2. A completed Environmental Checklist (attached). We have provided you with information for several of the questions on that list. You must provide the section, township and range of the water body, a daytime phone number where you can be reached, in the event we have questions and sign and date the checklist.
3. The Washington Department of Fish and Wildlife Fish Transport Application/Permit (Attached) After WDFW staff has completed their on-site evaluation and you have satisfied the State Environmental Policy Act (SEPA) process, you will need to complete this application and mail it to the regional Fish and Wildlife office in your area. **There is a $24 fee that needs to accompany this application.**
4. If your lake or pond is public, the results of a lake restoration study must be provided to the WDFW. Please consult with your local WDFW regional office for additional direction on how to proceed with this requirement.
5. If the body of water to be planted with grass carp flows into another body of water, it will have to be screened. If the waterbody has to be screened you will need a Hydraulic Project Approval (HPA), to obtain said approval you will need to complete a JARPA form. Please consult with your local WDFW regional office prior to installing a screen for additional direction on this requirement.

***Please send all documents to the Department's regional office, which has jurisdiction in the county of your lake or pond. Your application may take approximately six to eight weeks to process. If you have any questions, please contact the same regional office where you submitted your application.**