



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: *no name*

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

✓ 2. Name of applicant: *DAN BUCKLEY*

3. Address and phone number of applicant and contact person: *9705 AHTANUM RD.  
YAKIMA, WA, 98903*

4. Date of checklist prepared: *2-12-10*

*phone 509-453-7342*

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

6. Proposed timing or schedule (include phasing, if applicable): *Grass carp  
whenever possible.*

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. *No plans now, but possible in future.*

8. List any environmental information you know about that has been prepared or will be prepared, directly related to this proposal: *0*

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.

*Rev. 12/7/04*

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.

Map Attached, T12N, R17E, S1 T&L  
3/17

## B. ENVIRONMENTAL ELEMENTS

### 1. EARTH

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other: *Flat, with a built up berm around half the pond. Earth berm is shale cover*

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

*60°*

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. *Plain soil, shale on the berm, round rock (river rock) on bottom of pond with muck.*

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

e. Describe the purpose, type and approximate quantities of any filling or grading proposed. Indicate source of fill. *Not to be changed.*

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)? *No additional cover.*

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: *There is a few small bits of erosion that I will add screen in winter when the water table is down.*

Rev. 12/7/04

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.

*No emissions except an open fireplace near bye,*

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

*None*

- 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.

*Spring Creek is goes through a small portion of our property. The pond & creek are seperated by 30' or 40' of rocky berm.*

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.

*no work 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? YES  NO

*IN 1996 I HAD THIS PROPERTY RE-SURVAYED & I NO LONGER HAVE TO BUY FLOOD INSURANCE & OUR CLASSIFICATION IS NOW X*

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*

*Rev. 12/7/04*

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. *The pond is ground water & varies in depth from summer high to winter low. NOTHING IS TAKEN OUT OR ADDED*
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. *We have a septic tank on our house that is far away from the pond.*

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. *No runoff.*
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: *None*

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 *popular*
- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other *COONTAIL ? ?*
- other types of vegetation *vicia, lupine*

- b. What kind and amount of vegetation will be removed or altered?  
*cattails in pots to controll spreading.*
- 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: *No special plans.*

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: *QUAIL, DUCKS, KING FISHERS  
 black birds, robins*

Mammals: deer, bear, elk, beaver, other: *0*

Fish: bass salmon, trout, herring, shellfish, other: \_\_\_\_\_

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

*0*

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

*NO*

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

*No special plans, we enjoy what we have.*

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.

*NONE*

- 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:

*none*

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.

*no services required*

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

*no hazard*

b. Noise

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

*NO*

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.

*NO*

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

*NO*

8. LAND AND SHORELINE USE

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

*RESIDENTIAL (site), pasture c 14 cows*

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

*Was a residence when we bought it.*

3. Describe any structures on the site.

*MFG HOME, SHOP & GARAGE TOGETHER, PUMP HOUSE*

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

*NO*

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

*Suburban residential*

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

*residential*

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

*Not applicable*

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? *1 person part time. (ME)*

10. Approximately how many people would the completed project displace?  
*None*

11. Proposed measures to avoid or reduce displacement impacts, if any:  
*none*

12. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: *no problem.*

9. HOUSING

1. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing. *none*

2. Approximately how many units, if any would be eliminated? Indicate high, middle or low-income housing. *none*

3. Proposed measures to reduce or control housing impacts, if any:  
*none*

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?  
*none*

2. What views in the immediate vicinity would be altered or obstructed?  
*none*

3. Proposed measures to reduce or control aesthetic impacts, if any: *none*

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:

*none*

## 12. RECREATION

1. What designated and informal recreational opportunities are in the immediate vicinity? *We have a waterfall & patio tied into the pond.*

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 impact.*

## 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.

*We live on a small road that branches off Ashtonum rd.*

2. Is the site currently served by public transit? If no, what is the approximate distance to the nearest transit stop? *No, Approx 1 1/2 miles*

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

*About ten parking spaces that we have now.*

Rev. 12/7/04

4. How many would the project eliminate? 0
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). *none*
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*

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. *none*
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:
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.

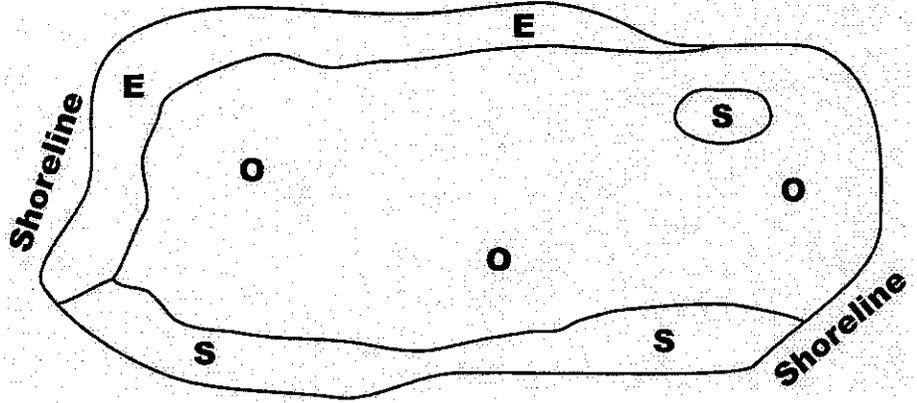
SIGNATURE *Dan Buckley*

DATE SUBMITTED *Feb. 2, 2010*

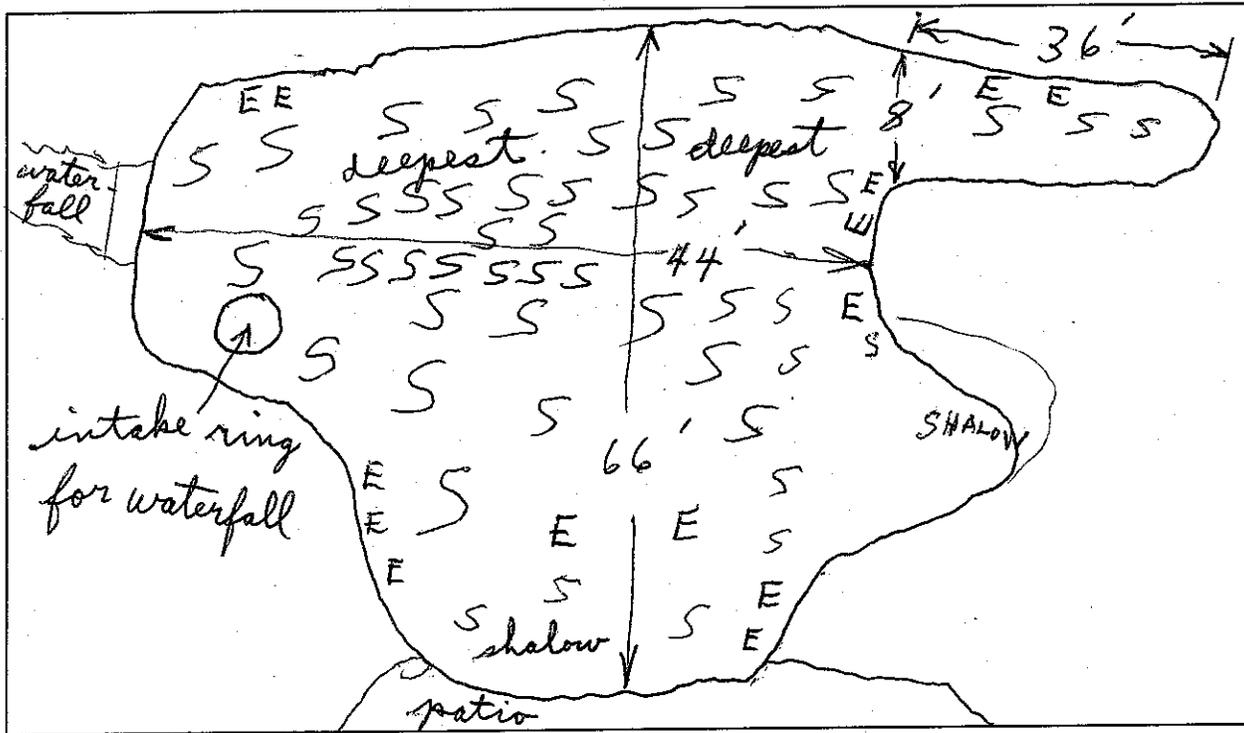
## MAP OF LAKE OR POND

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.**

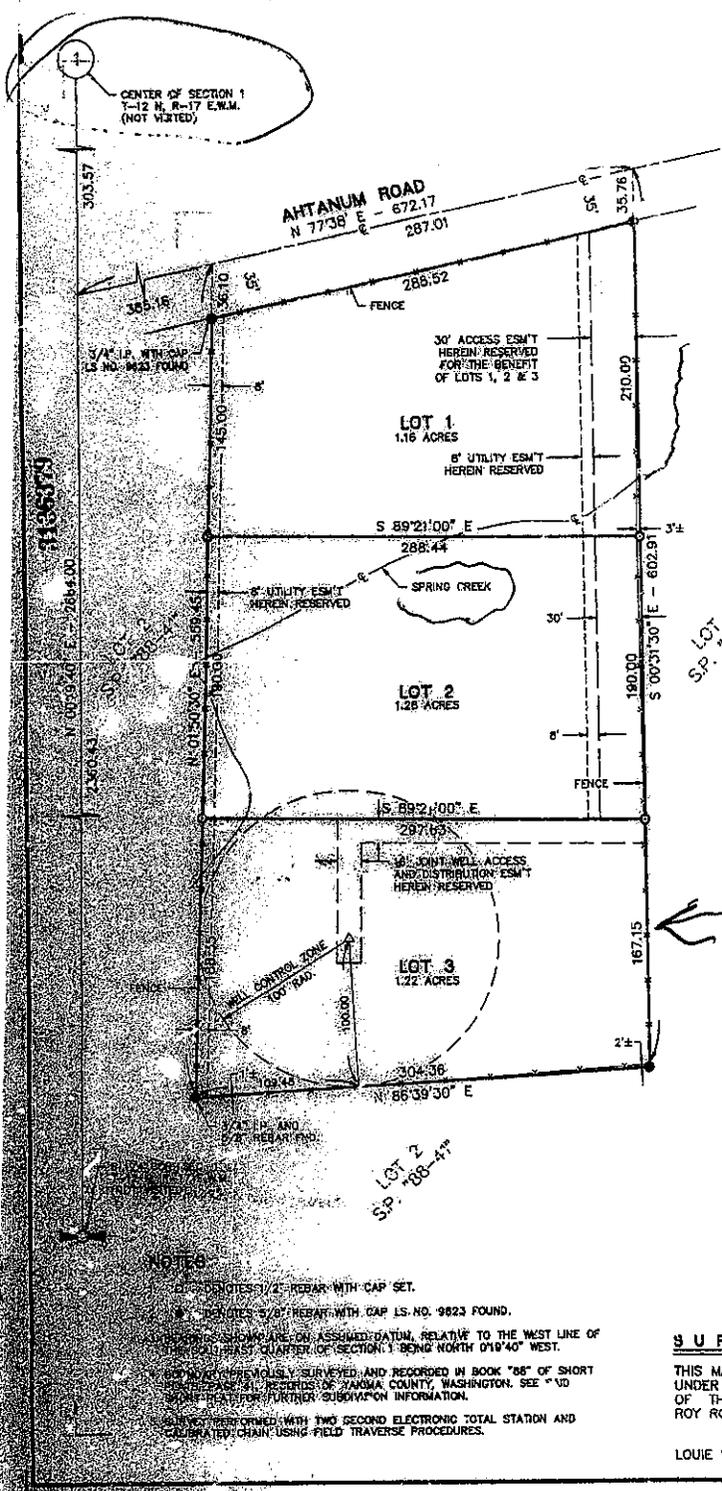


E- Emergent Plants  
S- Submerged Plants  
O- Open Water



Name of Applicant DAN BUCKLEY

Name of Lake or Pond Private Pond (unnamed)



- A. YAKIMA COUNTY HAS NO RE OTHERWISE SERVICE ANY FF ROAD RIGHTS-OF-WAY BEING SERVICED BY THE COUNTY I AS IT IS IMPROVED TO COUR OF THE COUNTY ROAD SYSI
- B. ALL LOTS ADJACENT TO AN TRACT OF TEN ACRES OF A SETBACK OF 100 FEET FROM TIME AS THE FARMING ACTI YEAR OR MORE.
- C. PURCHASERS) AND LESSEES SITUATED IN ANY AGRICULTU TO NOISE, DUST, SMOKE, C RESULTING FROM USUAL AN AGRICULTURAL USES.
- D. THE PROPOSED SHORT PLA SPRING CREEK AS DEFINED (PEMA) AS PART OF THE N FLOOD HAZARD DEVELOPME INFORMATION MAY BE OBTY DEPARTMENT.
- E. NO DIRECT ACCESS WILL BE APPROVED INTERIOR ACCE COUNTY ENGINEER.
- F. THE OWNERS SHOWN HERE HEREBY COVENANT AND A PRIVATE ROAD SERVING TO ROAD MAINTENANCE ASSOX MAINTENANCE.
- G. THE OWNERS SHOWN HERE HEREBY COVENANT AND A WITHIN THE PLAT ON-SITIT ALTERED OR IMPEDED.
- H. YAKIMA COUNTY HAS IN P STREET NAMES AND NUMB YAKIMA COUNTY PUBLIC V BUILDING PERMIT.
- I. THE PROPERTY DESCRIBE BOUNDARIES OF THE AHT THIS SHORT PLAT ARE SU OBLIGATIONS IN THE PRES RIGHTS-OF-WAY AND EAS ACCORDANCE WITH LAW.

*Our lot*  
 ← 1.22 acres

NOTED:  
 1. ALL NOTES 2" REBAR WITH CAP SET.  
 2. ALL NOTES 3" Ø REBAR WITH CAP IS NO. 9823 FOUND.  
 3. THIS SURVEY IS ON ASSUMED DATUM, RELATIVE TO THE WEST LINE OF THE EAST QUARTER OF SECTION 1 BEING NORTH 01°40' WEST.  
 4. THIS PROPERTY PREVIOUSLY SURVEYED AND RECORDED IN BOOK "08" OF SHORT PLAT MAPS, RECORDS OF YAKIMA COUNTY, WASHINGTON. SEE # 10 FOR FURTHER SUBDIVISION INFORMATION.  
 5. SURVEY PERFORMED WITH TWO SECOND ELECTRONIC TOTAL STATION AND CALIBRATED CHAIN, USING FIELD TRAVERSE PROCEDURES.

**SURVEYOR'S CERTI**  
 THIS MAP CORRECTLY REPRESENTS A SURVEY W UNDER MY DIRECTION IN CONFORMANCE WITH TH OF THE SURVEY RECORDING ACT AT THE ROY ROBERTS IN JULY, 1995.  
 LOUIE W. WISHERT, JR., CERTIFICATE NO. 16233.

*Dan Buckley*  
 9705 Ahtanum Rd.  
 Yakima, Wa. 98903-9215  
 Lot 3

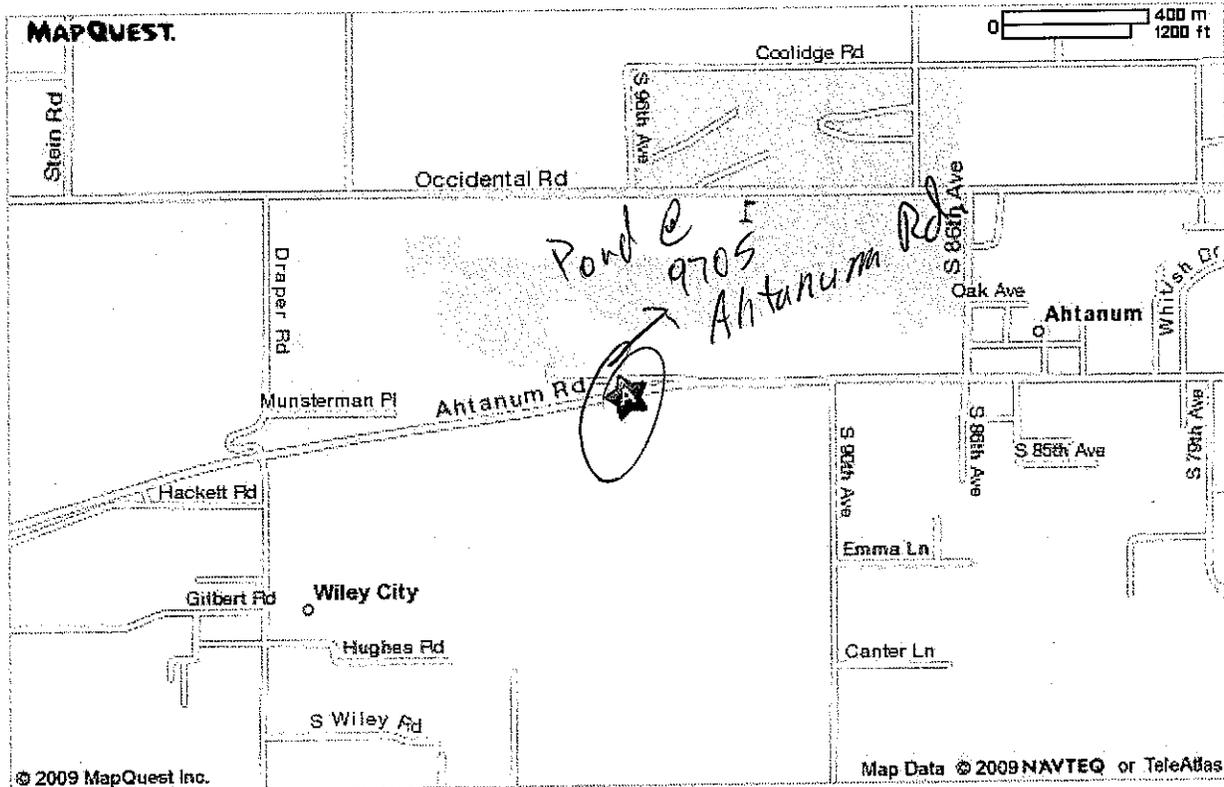
Subj. subject to  
 (No. 10) 10/15/95. 02/1/96  
 by title of a  
 instrument recorded in Volume 105 Page



# MAPQUEST.

Map of 9705 Ahtanum Rd  
Yakima, WA 98903-9215

Notes



All rights reserved. Use subject to License/Copyright | [Map Legend](#)

Directions and maps are informational only. We make no warranties on the accuracy of their content, road conditions or route usability or expeditiousness. You assume all risk of use. MapQuest and its suppliers shall not be liable to you for any loss or delay resulting from your use of MapQuest. Your use of MapQuest means you agree to our [Terms of Use](#)

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE  
Application for Planting Triploid Grass Carp

Received State of Washington

FEB 18 2010

Dept. of Fish and Wildlife Yakima Office

- 1. Name of Applicant or Organization DAN BUCKLEY
- 2. Address 9705 AHTANUM RD. Day Phone: 509-453-7342
- 3. Name of Lake or Pond to be Planted: \_\_\_\_\_
- 4. County: YAKIMA Township: 12 Range: 17 Section: 589 " 21 ' 00 "

**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.) 1,750 Max Depth (ft) 6

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

9. Number of waterfront property owners that support 1 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 is no inlet or outlet*  
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 Dan Buckley Date Feb. 2, 2010