



State Environmental Policy Act (SEPA)
ENVIRONMENTAL CHECKLIST

WAC 197-11-960

PLEASE READ CAREFULLY BEFORE COMPLETING THE CHECKLIST!

Purpose of Checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, contact the Pierce County Planning and Land Services Department for assistance.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. Refer to the following instructions to assist in completing this checklist.

THE ORIGINAL SIGNED CHECKLIST
MUST BE SUBMITTED AT TIME OF APPLICATION

Environmental Policy Act (SEPA)



ENVIRONMENTAL CHECKLIST

Name of Proposed Project: Agricultural Ditch Maintenance

Applicant: Mr. David Boe

Address: PO Box 621

City/State/Zip: Roy, WA 98580 Phone: 253-843-1299

Agent: Thomas Deming – Habitat Technologies

Address: PO Box 1088

City/State/Zip: Puyallup, WA 98371 Phone: 253-845-5119

Location of Project: southeast of the Roy Area of Pierce County

Address: 30216 – 56th Avenue South, Roy, WA 98580

Section: 02 Quarter: 44 Township: 17N Range: 02E

Tax Parcel Number(s): 0217024034

Date Checklist Prepared: August 8, 2011

GENERAL INFORMATION

1. Proposed timing or schedule (including phasing, if applicable):
The project site has been used and managed as livestock pasture and for the development of pasture crops for several decades. Agricultural ditch maintenance would be completed during the late summer when the ditches do not exhibit surface water.

2. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? **None** If yes, explain.
The area shall continue to be managed as active livestock pasture.

3. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
No specific environmental information has been prepared for this proposal. However, a wetland and drainage corridor assessment was completed as a part of the division of land that created this specific parcel.

A farm plan has been prepared and submitted to Pierce County and the Conservation District for review and acceptance.

4. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? _____
If yes, explain. **None known at this time.**

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

Washington Department of Fish and Wildlife HPA.

Ditch maintenance is exempt from Pierce County Title 18E and no permits are required from the Seattle District Corps of Engineers and the Washington Department of Ecology.

6. Give brief, complete description of your proposal, including proposed uses, size of the project, and site characteristics.

The project site has been managed as livestock pasture and the production of pasture crops for several decades. Part of these prior and ongoing management actions has been the continued maintenance of a series of field ditches.

The overall project is to continue the ongoing management of two surface water drainages within the project site. These two drainages were created by ditching several decades ago as a part of agricultural management to allow for the movement of seasonal surface water away from the project site and surrounding areas. Since creation these ditches have been routinely managed as a part of continued agricultural activities to ensure viable pasture and pasture crop production. Routine maintenance is required to remove accumulated vegetation that hampers the movement of seasonal surface water within these ditched systems

7. Location of proposal, and directions to the site. Give sufficient information for a person to understand the precise location of your proposed project.

The project site is located within a rural area southeast of the Town of Roy, Pierce County. Adjacent parcels have been developed into single family homesites on moderate to large parcels and managed livestock pastures.

From southbound on SR7 through Parkland and Spanaway turn southwesterly onto SR507 (Spanaway McKenna Highway at the Roy "Y." Approximately one mile southwest of the Roy "Y" turn south onto 8th Avenue South and continue southbound through the Fort Lewis Military Reservation. At the southern end of the Fort Lewis Military Reservation turn west onto 288th Street East and continue westerly to 56th Avenue South. Turn south onto 56th Avenue South and continue to the property located at 30216 – 56th Avenue South

ENVIRONMENTAL ELEMENTS

EARTH

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

The project site is generally flat to slightly rolling.

- b. What is the steepest slope on the site (approximate percent slope)?
The site only slightly sloped (less than 3%).
-
- 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.
Gravelly loam and gravelly sandy loam. Not prime farmland soils.
-
- d. Are there surface indications or history of unstable soils in the immediate vicinity? No If so, describe.
-
- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.
No imported fill required.
-
- f. Could erosion occur because of clearing, construction, or use? If so, generally describe.
Yes. Minor, very local erosion could occur during ditch maintenance actions.
-
- g. What percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
No additional impervious surfaces are proposed within the pasture management action.
-
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
All ditch management actions would be completed during the summer dry period. Ditch management actions would only be completed when the ditch was dry or as approved by WDFW following additional discussions on how best to protect local water quality and potential fish habitats.
-

2. **AIR**

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, and industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities, if known.
Vehicle and equipment emissions during ditch maintenance actions.
-
- b. Are there any off-site sources of emissions or odor that may affect your proposal? No If so, generally describe.
-

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:
All vehicles and equipment shall be properly maintained to reduce potential emissions.
-

3. **WATER**

Surface:

- a. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, salt water, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state the stream or river into which it flows.
Two existing field ditches are present onsite. These ditches drain offsite to the north and then turn and continue to the southwest eventually entering Murray Creek – a tributary to the Nisqually River.
-
- b. 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 for this work.
The project requires work within existing onsite field ditches.
-
- c. 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 and/or the disposal site.
Ditch maintenance would require the removal of approximately 250 to 300 square yards of accumulated vegetation and fine sediments for each of the two ditch systems onsite. Removed vegetation and fine sediments would be spread across the upland pasture areas.
-
- d. Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities, if known.
No
-
- e. Does the proposal lie within a 100-year floodplain? If so, note floodplain location on the site plan.
Not as presently mapped within the Pierce County Inventory Mapping.
-
- f. Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.
No.
-

Ground:

- a. Will groundwater be withdrawn, or will water be discharged to groundwater? Give general description, purpose, and approximate quantities of withdrawals or discharges, if known.

No.

- b. 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) is/are expected to serve.

None.

Water Runoff (including storm water):

- a. 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.

All seasonal stormwater runoff would be expected to infiltrate or sheet flow to the west with some entering the existing ditches. No change in the method of collection and disposal is proposed.

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

Waste from pastured livestock may enter adjacent surface water within the farm ditches via seasonal runoff during heavy rainfall events.

- c. Proposed measures to reduce or control surface water, groundwater, and runoff impacts, if any:

Best management practices for active pasture shall be followed to protect surface water, groundwater, and runoff. A vegetate buffer shall also be maintained adjacent to the field ditches.

4. **PLANTS**

- a. Check types of vegetation found on the site and list specific species:

X deciduous tree: **alder, maple**, aspen; other: black cottonwood

X evergreen tree: **fir, cedar**, pine; other: _____

X shrubs (**blackberries, spiraea, willows, crabapple**)

X grass

X pasture

_____ crop or grain

X wet soil plants: **cattail, buttercup, bulrush**, skunk cabbage; **sedge, sofrush** other: _____
_____ water plants: water lily, eelgrass, milfoil; other: _____
_____ other types of vegetation: _____

b. What kind and amount of vegetation will be removed or altered?
Ditch management would remove accumulated grasses from the ditch area. pasture vegetation adjacent to the ditch would be retained and adjacent shrubs/sapling trees would be retained were possible..

c. List threatened or endangered plant species known to be on or near the site.
None known or documented.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
Ditch management would be confined to the ditch. Adjacent vegetation would be retained were possible.

5. **ANIMALS**

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

Birds: **hawk, heron, eagle, waterfowl, songbirds; other:**
Mammals: **deer, bear, elk, coyote, raccoon, opossum, skunk,**
beaver; **other:**
Fish: **bass, salmon, trout, herring, shellfish; other: NONE**

b. List any threatened or endangered animal species known to be on or near the site.
State listed (threatened) bald eagle known to nest along many of the larger lakes and stream systems within this portion of Pierce County. However, the project site does not appear to provide critical habitats for this species. No other threatened or endangered animal species known or documented within the project site.

c. Is the site part of a migration route? Yes If so, explain.
Seasonal migration route for passerine birds and waterfowl.

d. Proposed measures to preserve or enhance wildlife, if any:
Ditch maintenance during summer dry period. Existing vegetation to be retained were possible.

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?

Fuel oil used by vehicles and equipment during ditch management actions.

Describe whether it will be used for heating, manufacturing, etc.

Energy used for ditch maintenance.

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

All vehicles and equipment shall be properly maintained.

7. **ENVIRONMENTAL HEALTH**

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire, explosion, spill, or hazardous waste, which could occur because of this proposal? If so, describe.

Fuels oils may spill during ditch managed actions. Best management practices shall be followed to protect against such spills.

- b. Describe special emergency services that might be required (for example, chemical spills or explosions).

Standard emergency services (fire, medical, police) may be required for accidents during ditch management actions.

- c. Proposed measures to reduce or control environmental health hazards, if any:

Best management practices shall be followed during ditch management actions.

- d. Noise

1. What types of noise exist in the area, which may affect your project (for example: traffic, construction, or production equipment)?

Vehicle and equipment noise during pasture management actions.

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, or production equipment)? Indicate the hours that noise would be generated by the site.

Noise would be short-term during vehicle and equipment use. Noise would be during normal day-time work hours.

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

All vehicles and equipment shall be properly maintained.

8. **LAND AND SHORELINE USE**

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

Project site is presently managed livestock pasture. The project site includes an existing single family homesite and is located within an area of similar land uses.

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

Yes. The project site has been managed for livestock pasture production for several decades.

c. Describe any structures on the site.

An existing single family homesite and associated outbuildings are present in the central portion of the project site.

d. Will any structures be demolished? No If so, what?

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

R10

f. What is the comprehensive plan designation of the site?

R10

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

Does not apply

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

Existing wetland areas have been defined as a part of a prior division of land. Pasture wetlands and associated ditched surface drainages are present generally along the eastern and western boundaries of the parcel. The onsite ditches combine onsite to the north and

become a tributary to Murray Creek offsite to the southwest. Murray Creek is a tributary to the Nisqually River System.

- i. Approximately how many people would reside or work in the completed project?
The existing single family homesite within the central portion of the project site is occupied by the Boe Family. The pasture management actions would not change this existing use.

- j. Approximately how many people would the completed project displace?
None.

- k. Proposed measures to avoid or reduce displacement impacts, if any:
None

- l. Proposed measures to ensure the proposal are compatible with existing and projected land uses and plans, if any:
None. Existing land uses also focus on livestock pasture management and associated single family homesites.

9. **HOUSING**

- a. Approximately how many units would be provided, if any? **No change. One single family homesite presently exists onsite.**
Indicate whether it would be high, middle, or low-income housing.
Middle income housing.

- b. Approximately how many units, if any, would be eliminated? **None**
Indicate whether it would be high, middle, or low-income housing.

- c. Proposed measures to reduce or control housing impacts, if any:
None

10. **AESTHETICS**

- a. What is the tallest height of any proposed structure(s), not including antennas or chimneys?
No structures proposed.

- b. What views in the immediate vicinity would be altered or obstructed?
None

- c. Proposed measures to reduce or control aesthetic impacts, if any:
None

11. **LIGHT AND GLARE**

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

None

- b. Could light or glare from the finished project be a safety hazard, interfere with views, or affect wildlife?

No

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

No

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

None.

12. **RECREATION**

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

None known

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

None known

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

None

13. **HISTORIC AND CULTURAL PRESERVATION**

- a. Are there any places or objects listed on, proposed for, or eligible for listing in national, state, or local preservation registers on or next to the site? **None known**

If so, generally describe.

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

None known

-
- c. Proposed measures to reduce or control impacts, if any:
None
-

14. **TRANSPORTATION**

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.
56th Avenue East (a public roadway) forms the eastern boundary of the project site and provides access to the existing single family homesite via an internal private roadway.
-

- b. Is the site currently served by public transit? No
If not, what is the approximate distance to the nearest transit stop?
Approximately 2 miles within the Town of Roy.

- c. How many parking spaces would the complete project have? NA
How many would the project eliminate? NA

- 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
-

- e. Will the project use (or occur in the immediate vicinity of) water, or air transportation? If so, generally describe.
No
-

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

- g. Proposed measures to reduce or control transportation impacts, if any:
None
-

15. **PUBLIC SERVICES**

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools)? If so, generally describe:
No
-

- b. Proposed measures to reduce or control direct impacts on public services, if any.
None
-

16. **UTILITIES**

- a. Identify existing utilities by name including: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system; other:
Existing utilizes in area include electricity, refuse service, and telephone.
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general utility construction activities on the site or in the immediate vicinity that might be needed.
None.

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: David G Boe
David Boe – Property Owner

Date Submitted: 23 AUG 11

ADMINISTRATION ONLY:

Administrative review by: _____

Title: _____

Date: _____

The map features are approximate and are intended only to provide an indication of said feature. Additional areas that have not been mapped may be present. This is not a survey. The orthophotos and other data may not align. Pierce County and Habitat Technologies assume no liability for variations ascertained by actual survey. All data is expressly provided AS IS and WITH ALL FAULTS. Pierce County and Habitat Technologies make no warranty of fitness for a particular purpose.

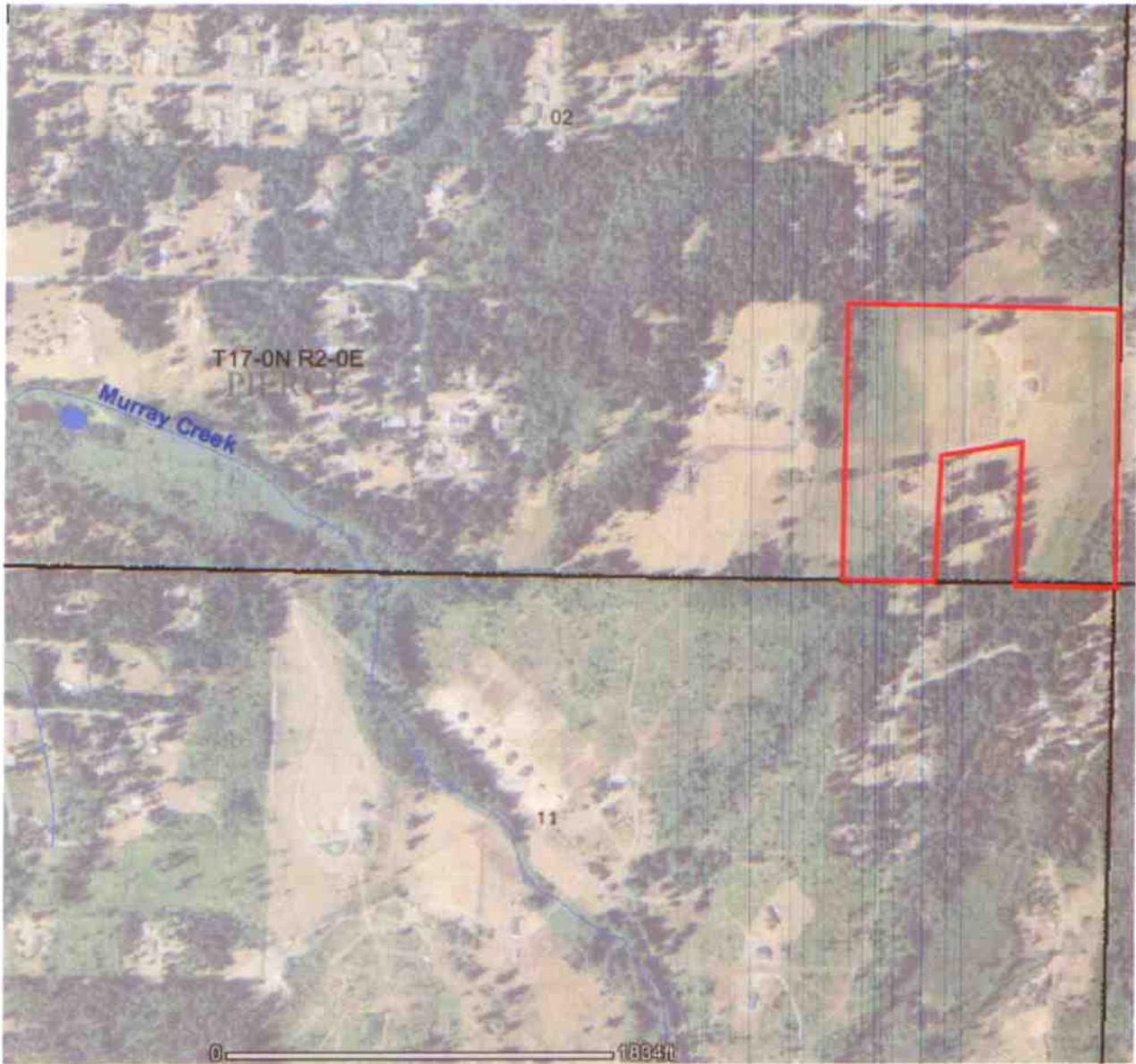
Map Legend

- Roads
- Major Roads
- Cities in Pierce County
- County - 2008 - Ortho



Figure 1 Site Vicinity





□ PLSS Townships

⋯ PLSS Sections

CITIES

● Major Cities

● Cities

● Towns

≡ RIVERS (1:24,000)

≡ DOT Hwys

≡ Interstate

≡ US Hwys

≡ State Routes

≡ Spawning

≡ Rearing

≡ Presence - Documented

≡ Presence - Historic

≡ Presence - Presumed

≡ Presence - Potential

≡ Presence - Undetected

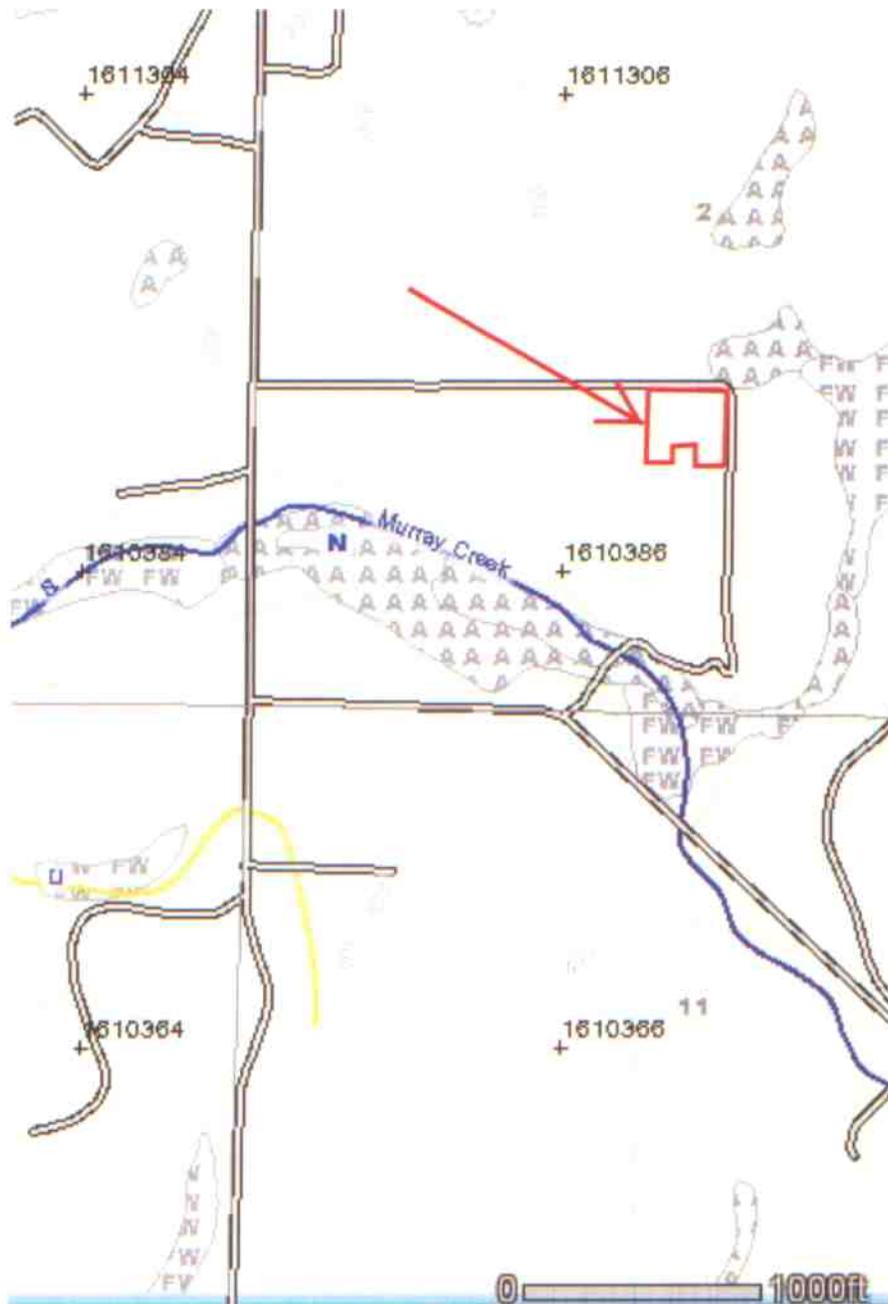
○ No Data

■ WATERBODIES (1:24,000)

**HABITAT
TECHNOLOGIES**

WDFW Mapping





ELEVATION
 --- Contours, 40' interval

STREAMS
 ~~~~~ Stream Water Type S, F, N

U U, unknown  
 X X, non-typed per WAC 222-16  
 \* Water Type Change

**TRANSPORTATION**  
 ——— Paved Road  
 - - - - - Unpaved Road - Surface Unknown  
 - - - - - Abandoned Road (not on Activity map)  
 - - - - - Orphaned Road (not on Activity map)  
 - - - - - Trail  
 - - - - - Railroad

**WATER BODIES**  
 Open Water  
 Flats Gravel Bars  
 Ice  
 Man Made Feature  
 Wet Area  
 Unknown Undersized

**WETLANDS - Resource & Status Type Manual**  
 Type A Forested  
 Type B other



**HABITAT  
 TECHNOLOGIES**

**WDNR Mapping**

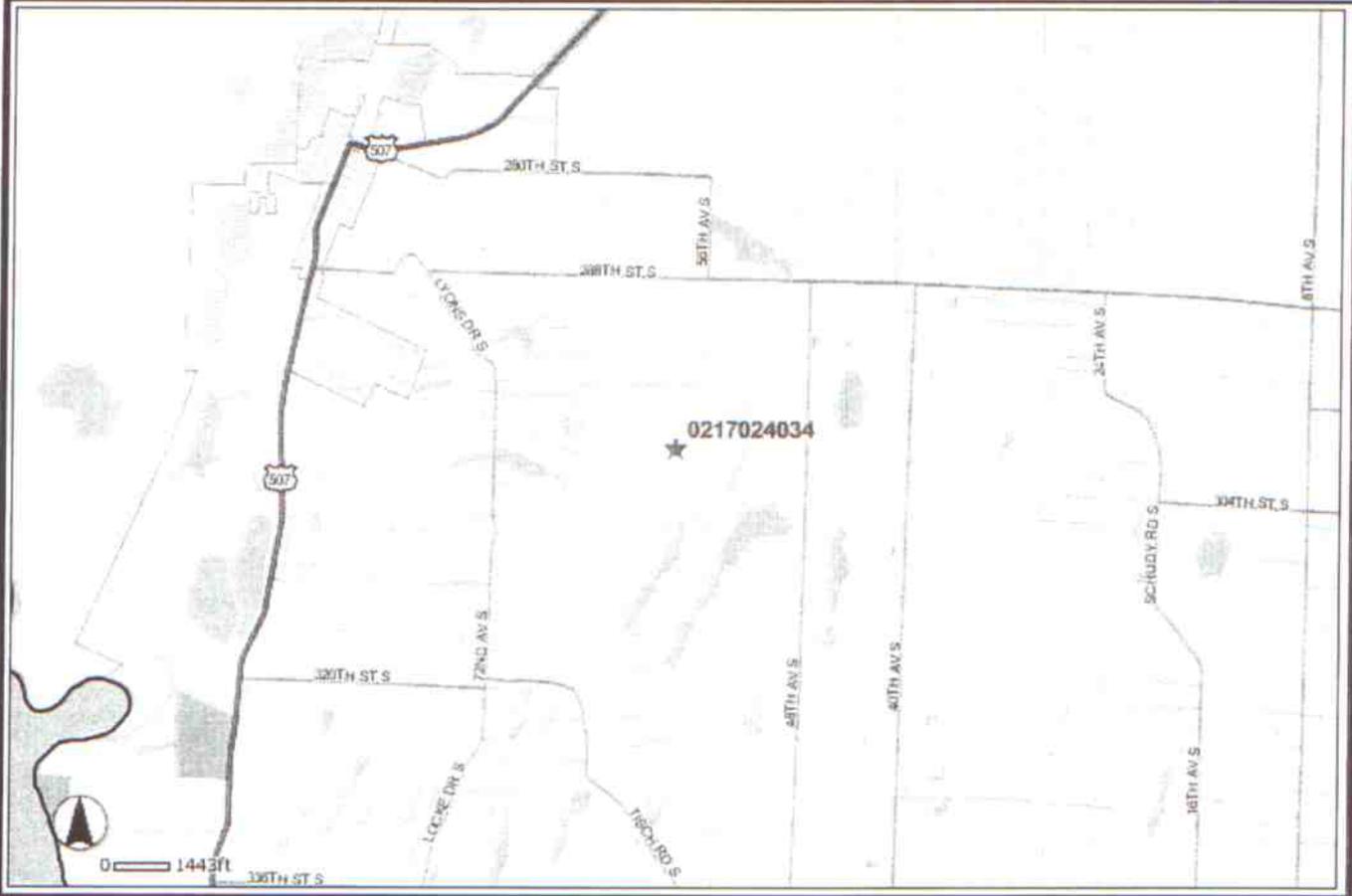


**Property Details**

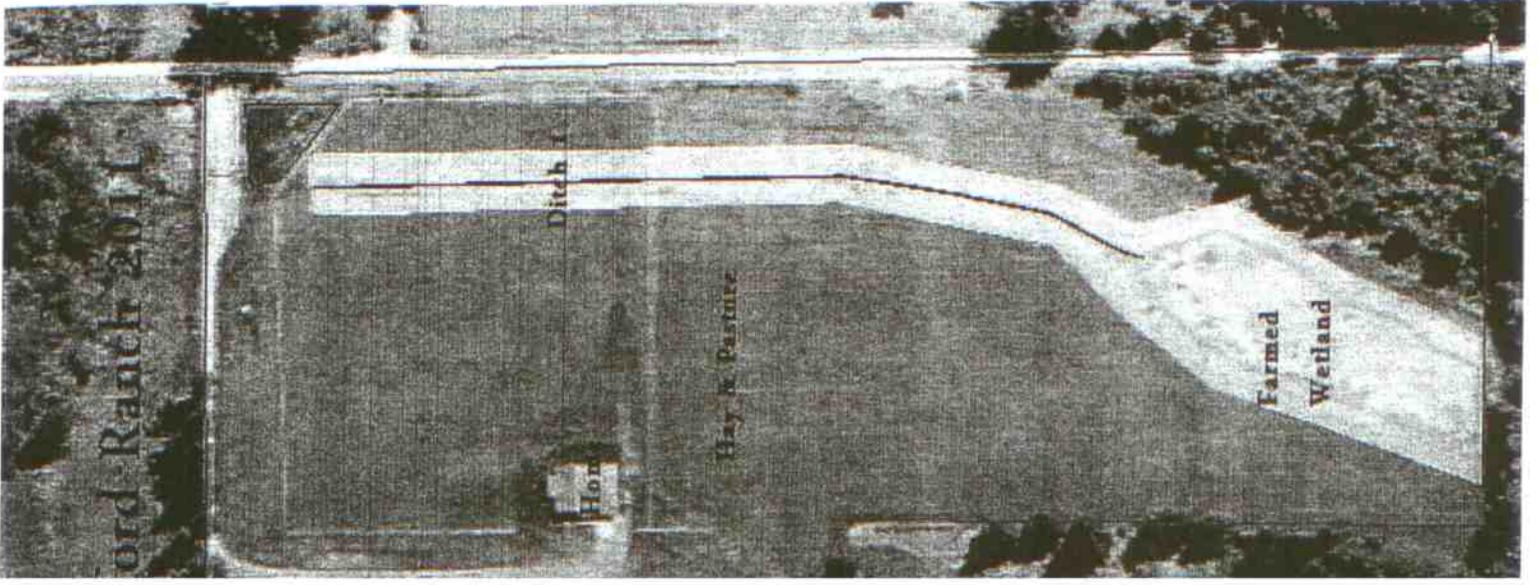
**Parcel Number:** 0217024034  
**Site Address:** 30216 56TH AV S  
**Account Type:** Real Property  
**Category:** Land and Improvements  
**Use Code:** 8300-CU FARM & AGRI RCW 84.34 CURRENT USE

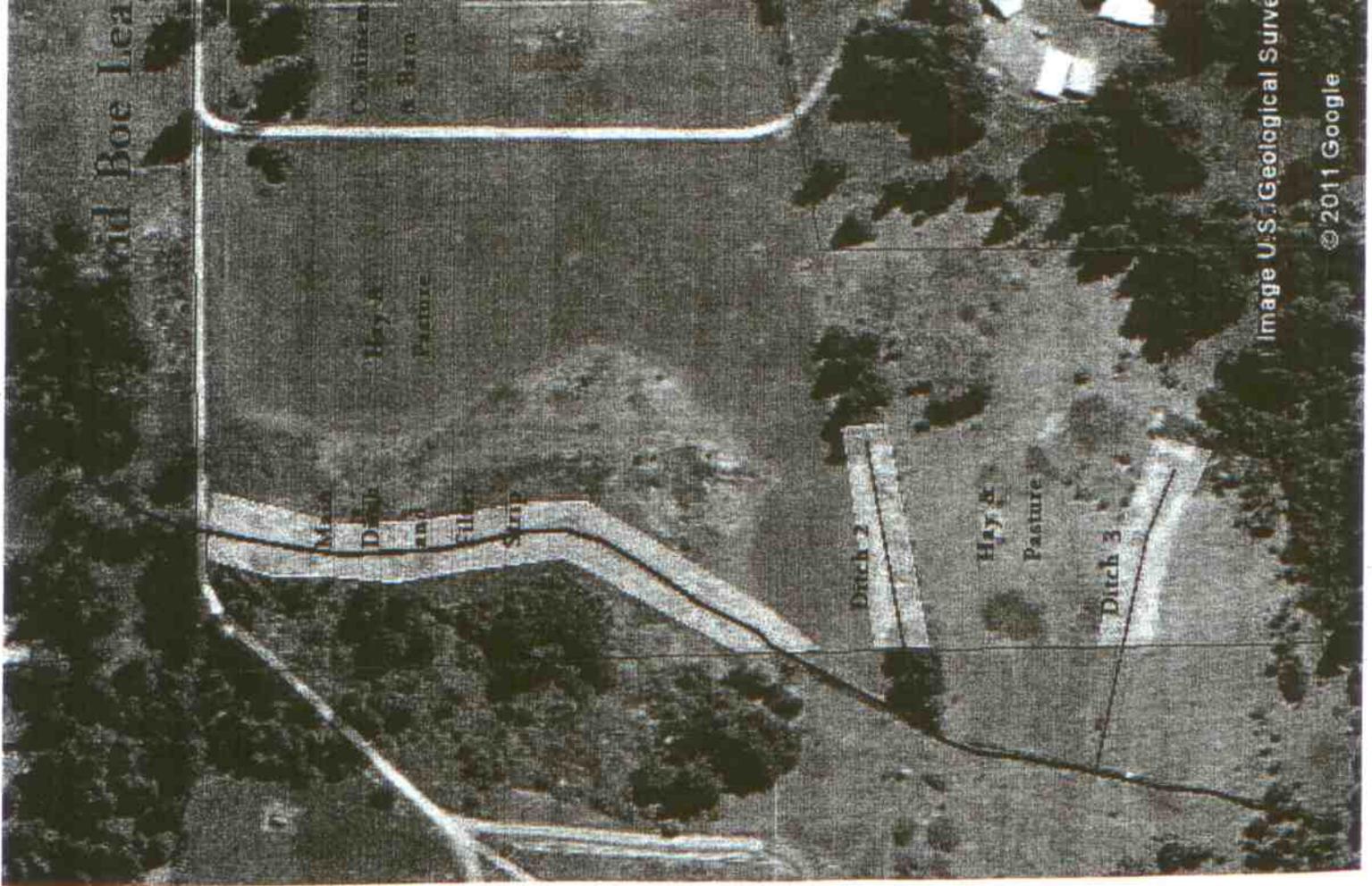
**Taxpayer Details**

**Taxpayer Name:** BOE DAVID & LAURA R  
**Mailing Address:** PO BOX 621  
ROY WA 98580-0621



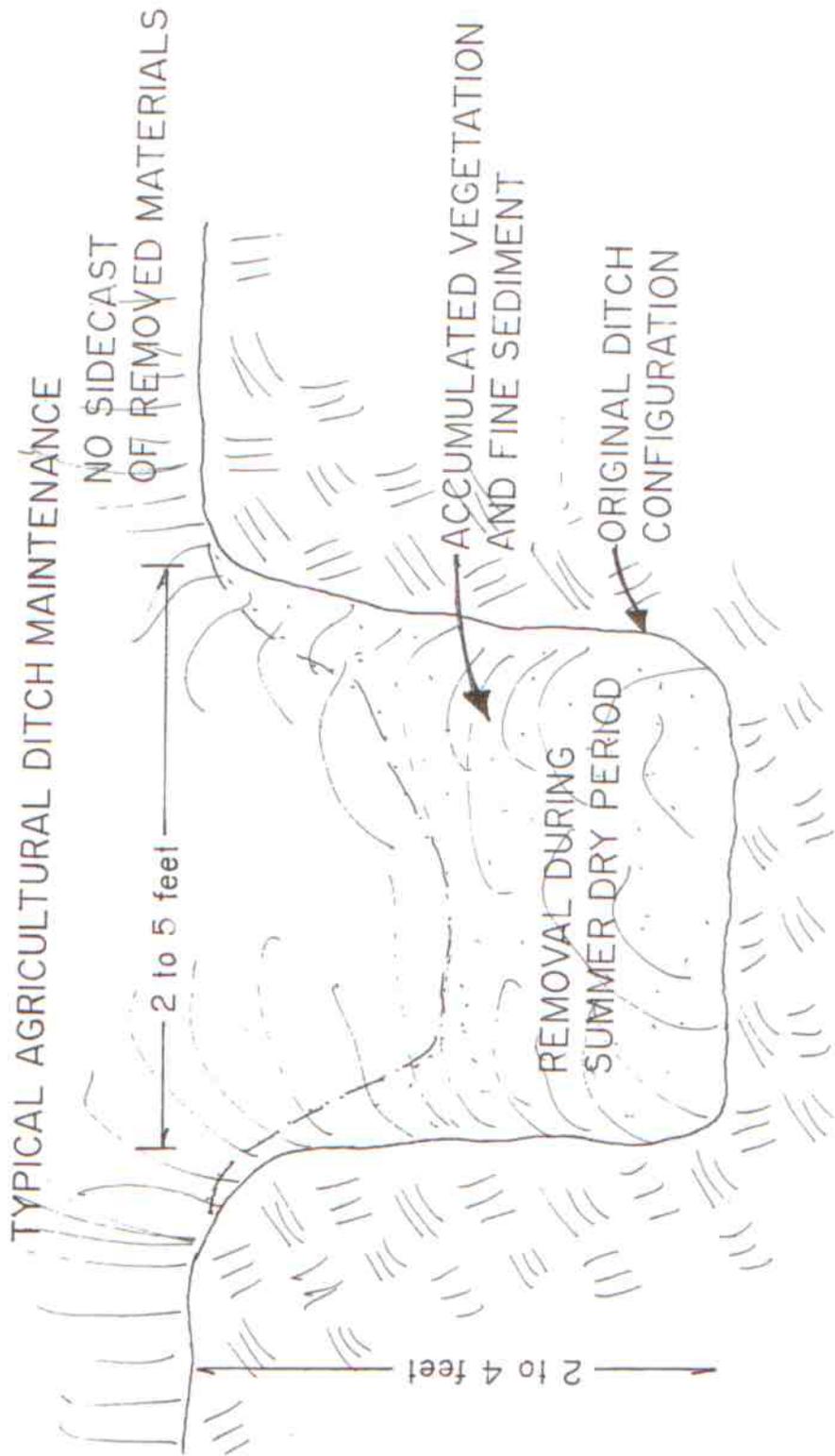
**PROJECT NUMBER:**  
**PROJECT NAME:** Agricultural Ditch Maintenance  
**APPLICANT:** Mr. David Boe, property owner  
**Section 02, Township 17N, Range 02E WM**  
**Pierce County, Washington**  
Sheet 2 of 4





← N →  
N.T.S.

**PROJECT NUMBER:**  
**PROJECT NAME:** Agricultural Ditch Maintenance  
**APPLICANT:** Mr. David Boe, property owner  
Section 02, Township 17N, Range 02E WM  
Pierce County, Washington  
Sheet 3 of 4



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 Sheet 4 of 4