

Lee Boad Habitat Management Planning and Wetland Services

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June 7, 2005

Mr. Don Cobbett
P.O. Box 69062
Seattle, WA 98168

RE: Yakima River Lots
Summerside Plat Block 3, Lots 4-5
Lee Boad Habitat Management Planning and Wetland Services Project 2005W16

Introduction

At the request of Don Cobbett, Lee Boad Habitat Management Planning and Wetland Services performed a wetland reconnaissance on the above referenced property. This work was requested to determine if regulated wetlands encompass any portion of the ownership. All field work and reporting associated with this project was performed by Wetland Specialist, Joe Gilbert. The following is a summary of methodology and findings. Technical data is attached.

Methods

Field Review

A field review of the above referenced parcel was performed on May 24, 2005.

Wetland Delineation

Wetland delineation followed a routine methodology based upon the Washington State Wetland Identification and Delineation Manual (1997) requiring positive indicators for wetland soil, hydrology, and plants.

Hydrological analysis was determined through observation of field indicators and conditions dug in pits within the study area.

Presence or absence of hydric soil was determined by soil conditions in several pits dug throughout the ownership. Soil inspection included comparison with the Munsell Color Charts (1992).

Vegetation analysis was conducted through species identification, estimation of dominance and then assignment of indicator status. Indicator status was assigned based on the National List of Plant Species That Occur in Wetlands (1996).

Results

The study site is comprised of an upland shrub community with scattered coniferous overstory components.

Data sheets are enclosed showing species composition and indicator status identified within the above-mentioned vegetative communities.

The entire site is underlain by combinations of loamy sand and sandy loam 10YR3/3-10YR4/5. This soil is well drained and does not qualify as hydric soil according to the Washington State Wetland Identification and Delineation Manual.

No area within the site exhibits any field indicators of wetland hydrology.

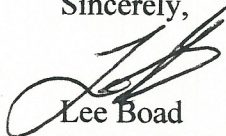
Conclusion

Wetland delineation has been completed applying a standardized methodology described in the Washington State Wetland Identification and Delineation Manual (1997) requiring positive indicators for wetland soil, hydrology, and plants.

As no portion of the site exhibits positive indicators of hydric soil, hydrophytic vegetation, or wetland hydrology, no wetlands are present.

We trust this information is sufficient for your needs at this time. Thank you for choosing us as your environmental consultant. If you have any questions, please feel free to call.

Sincerely,



Lee Boad
Senior Wetland Specialist
Lee Boad Habitat Management Planning and Wetland Services
PO Box 2854
Belfair, WA 98528
360-620-0618

Attached: Technical Data

Enclosed: Billing

Routine Wetland Determination

DATA FORM 1 (Revised)

WA State Wetland Delineation Manual or 1987 Corps Wetland Delineation Manual)

Project/Site: Summerside sub-division Block 3, Lot 4
Parcel # 19-14-01053-0304

Date: May 24, 2005

Applicant/owner: Don Cobbett

County: Kittitas

State: WA

Investigator(s): L. Boad and J.R. Gilbert

S/T/R: S 1 / T19N/ R14W

Do normal circumstances exist on the site? Yes

Is the site significantly disturbed (atypical situation)? No

Is the area a potential problem area? No

Explanation of atypical or problem area:

Community ID: Scrub-Shrub

Transect ID:

Plot ID: Plot 1

VEGETATION (For *strata, indicate T = tree; S = shrub; H = herb; V = vine)

Dominant Plant Species	*Stratum	% cover	Indicator	Dominant Plant Species	*Stratum	% cover	Indicator
<i>Alnus Rubra</i>	T	>20	FAC				
<i>Rhamnus purshiana</i>	T	>20	FAC-				
<i>Acer circinatum</i>	T	>20	FAC-				
<i>Sambucus racemosa</i>	S	>20	FACU				
<i>Symphoricarpos albus</i>	S	>20	FACU				
<i>Urtica dioica</i>	H	>20	FAC				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: < 50%

Check all indicators that apply and explain below:

Visual observation of plant species growing in areas of prolonged inundation/saturation

Morphological adaptations

Technical Literature

Physiological/reproductive adaptations

Wetland plant database

Personal knowledge of regional plant communities

Other (explain)

Hydrophytic vegetation present? NO

Rationale for decision/Remarks: <50% of dominants OBL, FACW, & FAC

HYDROLOGY

Is it the growing season? Yes

Based on: May

Water marks on tree stems:

Sediment Deposits:

Drift Lines:

Drainage Patterns:

Depth of inundation: No inundation

Oxidized Root (live roots)
Channels <12 in.:

Local Soil Survey:

Depth to free water in pit: >18 inches

FAC Neutral:

Water-stained Leaves:

Depth to saturated soil: >18 inches

Check all that apply & explain below:

Stream, lake or gage data

Aerial photographs

Other

Other (explain):

Wetland hydrology present? No

Rationale for decision/remarks: No indicators

SOILS

Map Unit Name:

Drainage Class:

Field observations confirm mapped type?

Profile Description

Depth (inches)	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
0-18	10YR 3/3			Sandy loam	

Hydric Soil Indicators: (check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Matrix chroma \leq 2 with mottles |
| <input type="checkbox"/> Histic Epipedon | <input type="checkbox"/> Mg or Fe Concretions |
| <input type="checkbox"/> Sulfidic Odor | <input type="checkbox"/> High Organic Content in Surface Layer of Sandy Soils |
| <input type="checkbox"/> Aquic Moisture Regime | <input type="checkbox"/> Organic Streaking in Sandy Soils |
| <input type="checkbox"/> Reducing Conditions | <input type="checkbox"/> Listed on National/Local Hydric Soils List |
| <input type="checkbox"/> Gleyed or Low-Chroma (=1) matrix | <input type="checkbox"/> Other (explain in remarks) |

Hydric soils present? No

Rationale for decision/Remarks: No Indicators

Wetland Determination

Hydrophytic vegetation present? No

Hydric soils present? No

Wetland hydrology present? No

Is the sampling point within a wetland? No

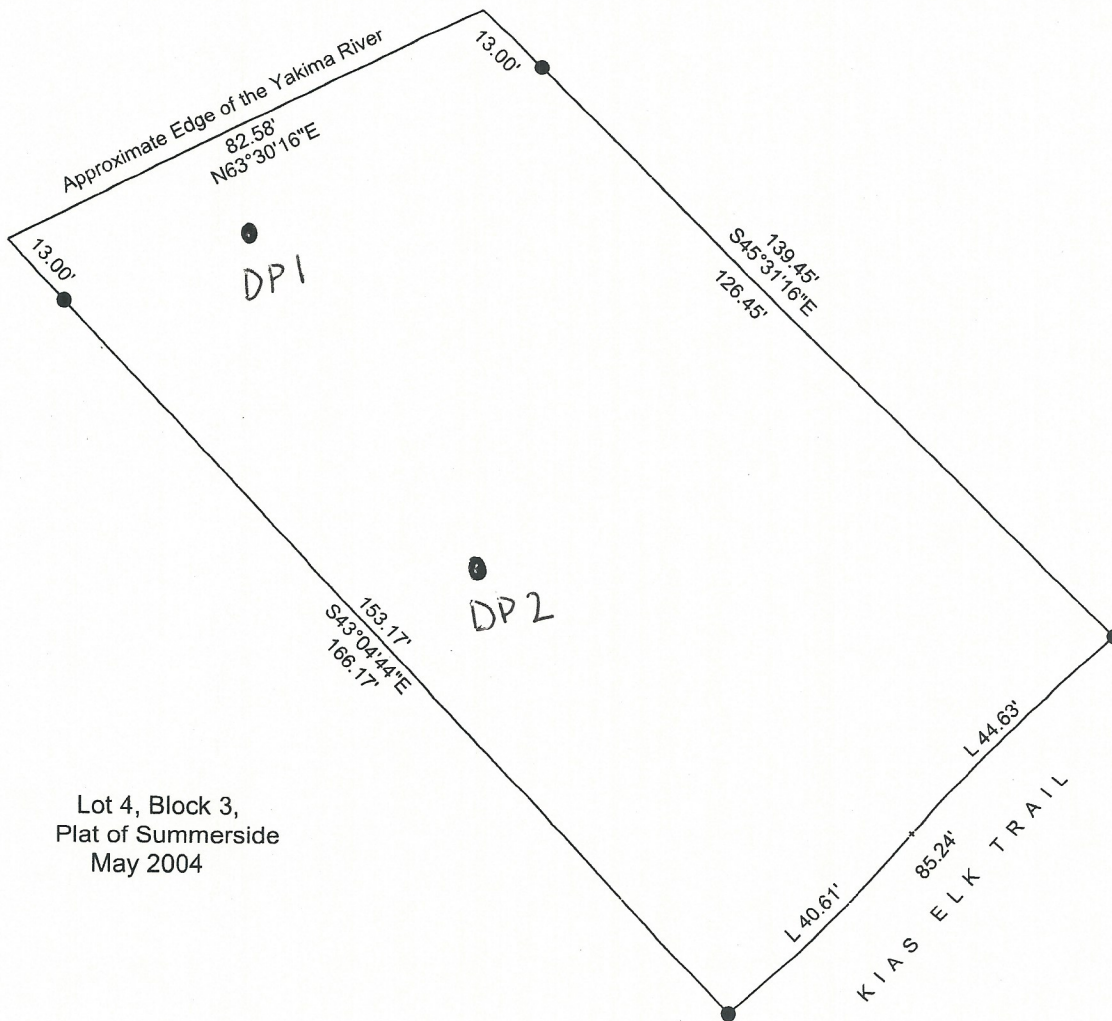
Rationale/Remarks: Negative for all three parameters**NOTES: Old pine stumps present on subject parcel.**

Revised 4/97

Soil Pit Data Points •

Lee Board Habitat Management Planning & Wetland Services

Lee Board
Lee Board



Lot 4, Block 3,
Plat of Summerside
May 2004

Soil Pit Data Points

Lee Road Habitat Management Planning & Wetland Services

Lee Road

