

KITTTITAS COUNTY COMMUNITY DEVELOPMENT SERVICES

411 N. Ruby St., Suite 2, Ellensburg, WA 98926

CDS@CO.KITTTITAS.WA.US

Office (509) 962-7506

Fax (509) 962-7682

LONG PLAT APPLICATION

(To divide lot into 5 or more lots)

KITTTITAS COUNTY ENCOURAGES THE USE OF PRE-APPLICATION MEETINGS. PLEASE CALL THE DEPARTMENT IF YOU WOULD LIKE TO SET UP A MEETING TO DISCUSS YOUR PROJECT. INCOMPLETE APPLICATIONS WILL **NOT** BE ACCEPTED.

PLEASE TYPE OR PRINT CLEARLY IN INK. ATTACH ADDITIONAL SHEETS AS NECESSARY. THE FOLLOWING ITEMS MUST BE ATTACHED TO THIS APPLICATION PACKET:

REQUIRED ATTACHMENTS

- Ten large copies of plat with all preliminary drawing requirements complete (reference KCC Title 16 Subdivision Code for plat drawing requirements) and one small 8.5" x 11" copy
- Address list of all landowners within 300 feet of the site's tax parcel. If adjoining parcels are owned by the applicant, the 300 feet extends from the farthest parcel. If the parcel is within a subdivision with a Homeowners or Road Association, please include the address of the association.
- SEPA Checklist (Only required if your subdivision consists of 9 lots or more. Please pick up a copy of the Checklist if required)

OPTIONAL ATTACHMENTS

(Optional at preliminary submittal, but required at the time of final submittal)

- Certificate of Title (Title Report)
- Computer lot closures

FEES:

\$200 plus \$10 per lot for Public Works Department;
 \$625 plus \$75 per hour over 12.5 hours for Environmental Health Department;
 \$1500 for Community Development Services Department, PLUS \$225 if SEPA Checklist is required
 *One check made payable to KCCDS

RECEIVED

FOR STAFF USE ONLY

I CERTIFY THAT I RECEIVED THIS APPLICATION AND IT IS COMPLETE.

SIGNATURE:

X Amber Orle
FOR ALLISON KIMBALL

DATE:

03/01/07

RECEIPT #

049922



NOTES:

DARRYL PIERCY, DIRECTOR

ALLISON KIMBALL, ASSISTANT DIRECTOR

COMMUNITY PLANNING BUILDING INSPECTION PLAN REVIEW ADMINISTRATION PERMIT SERVICES CODE ENFORCEMENT FIRE INVESTIGATION

1. **Name, mailing address and day phone of land owner(s) of record:**

Name: Starlite Construction, LLC
Mailing Address: 3909 164th St. SW
City/State/ZIP: Lynnwood, WA 98037
Day Time Phone: 425-743-4600
Email Address: DJH@starliteconstruction.com

2. **Name, mailing address and day phone of authorized agent (if different from land owner of record):**

Agent Name: Jeff Slothower
Mailing Address: PO Box 1088
City/State/ZIP: Ellensburg, WA 98926
Day Time Phone: 509-925-6916
Email Address: jslothower@lwhsd.com

3. **Contact person for application (select one):**

Owner of record Authorized agent

All verbal and written contact regarding this application will be made only with the contact person.

4. **Street address of property:**

Address: Bender Road
City/State/ZIP: Ellensburg, WA 98926

5. **Legal description of property:**

See Attached

6. **Tax parcel number(s):** 20999, 20998, 322733, 761133

7. **Property size:** 58.1 (acres)

8. **Narrative project description:** Please include the following information in your description: describe project size, location, water supply, sewage disposal and all qualitative features of the proposal; include every element of the proposal in the description (be specific, attach additional sheets as necessary):

The proposed project is a 58 lot plat with a detention/recreation tract and open space located northwest of the City of Ellensburg. Water, sewer, power & gas will be provided by the City of Ellensburg by a User's Agreement. Irrigation will be provided by Cascade Irrigation District. Primary access will be off of an existing County R-O-W along the east boundary of the site. A rezone to Suburban and a Annexation Agreement will be done in conjunction with this application. Please see enclosed map and other documents related to this project.

9. Are Forest Service roads/easements involved with accessing your development? Yes No (Circle)
If yes, explain: _____

10. What County maintained road(s) will the development be accessing from? Bender Road

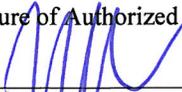
11. Application is hereby made for permit(s) to authorize the activities described herein. I certify that I am familiar with the information contained in this application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. I hereby grant to the agencies to which this application is made, the right to enter the above-described location to inspect the proposed and or completed work.

12. Are there any other pending applications associated with the property associated with this application?
 Yes No

Signature of Authorized Agent:

Date:

X



3-1-07

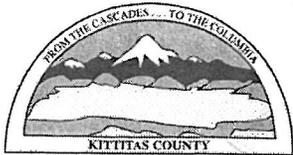
Signature of Land Owner of Record
(Required for application submittal):

Date:

X


MANAGING MEMBER

3-1-07



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RECEIVED

SEPA ENVIRONMENTAL CHECKLIST

MAR 1 2007

FEE \$225.00

**Kittitas County
CDS**

PURPOSE OF CHECKLIST:

The State Environmental Protection 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 proposals. Governmental agencies use this checklist to determine whether the environmental impacts or your proposal are significant, requiring preparation if 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 "don 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, the governmental agencies can assist you.

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. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

USE OF CHECKLIST FOR NONPROJECT PROPOSALS:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS.

For nonproject actions, the references in the checklist to the words "project," "applicant" and "property or site" should be read as "proposal," "proposer" and "affected geographic are" respectively.

A. BACKGROUND

FOR STAFF USE

1. Proposed timing or schedule (including phasing, if applicable):
it is anticipated that the project will be initiated immediately upon approval

2. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
No

3. List any environmental information you know about that had been prepared, or will be prepared, directly related to this proposal.
Attached to the this SEPA checklist as Exhibit 1, 2, 3 and 4 is a Kittitas County preliminary site analysis for each of the tax parcels involved. Attached to this checklist is Exhibit 5 is a wetland inventory prepared for Encompass Engineering dated December 10, 2006.

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.

Yes, filed with this checklist is a request for a rezone and a plat application.

DARRYL PIERCY, DIRECTOR

ALLISON KIMBALL, ASSISTANT DIRECTOR

COMMUNITY PLANNING BUILDING INSPECTION PLAN REVIEW ADMINISTRATION PERMIT SERVICES CODE ENFORCEMENT FIRE INVESTIGATION

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

In addition to approving the rezone from agricultural 3 to suburban zoning, Kittitas County will have to approve the long plat application. The applicant will have to obtain approval from the City of Ellensburg to supply water and sewer services to the site. It is anticipated that the applicant will have to sign a pre-annexation agreement with the City of Ellensburg.

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)?
0 to 5%

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.

—see Exhibit 5, the wetland delineation for a discussion of soil types on the site

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

no

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

It is not anticipated that they will need to be fill brought on the property other than fill necessary to construct roads. The source of fill will be from approved rock and quarry mining operations located in Kittitas County

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

no

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

less than 10%

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

none necessary

2. AIR

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

There will be emissions from mechanized equipment used during construction. After construction, there will be emissions typical of residential housing development.

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:

During construction accepted construction practices will be followed in an effort to reduce and/or control emissions to the air. After construction, homes and the residents of those homes will be subject to local, state and federal rules and regulations governing and regulating emissions to the air

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 streams or river it flows into.

There is no surface water in the immediate vicinity. There is an irrigation ditch on portions of the property. The irrigation ditch will be abandoned and irrigation water will be conveyed in a buried pipeline.

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 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.

There will be no fill or dredge material placed in or removed from surface waters or wetlands

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

The proposal will not require surface withdrawals or diversions of water on-site. The property is irrigated with Cascade Irrigation District water.

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

no

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.

no

b. Ground

1) Will ground water be withdrawn, or will water be discharged to surface waters? If so, give general description, purpose, and approximate quantities if known.

Groundwater will not be withdrawn from this site. Domestic water for residences constructed within the plat shall be provided by the city of Ellensburg.

2) Describe waste materials 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.

There will not be waste materials discharged into the groundwater from septic tanks or other services. Residential sewage services will be provided by the city of Ellensburg.

c. Water Runoff (including storm water):

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.

It is not anticipated that there will be a significant change in the way irrigation water runoff occurs. There will be run off from driveways roads and other impervious surfaces. That runoff will be controlled using accepted storm water practices

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

no

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

While it is not anticipated that there will be significant surface, ground and a water runoff water impacts. The plat will be designed according to applicable Department of Ecology rules and regulations.

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: cattails, 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?

Portions of the existing pasture will be removed to construct roads, driveways and residential building sites. A portion of the residential building sites will be re-landscaped

c. List threatened or endangered species 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:

none necessary

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, beavers, other:
— fish: bass, salmon, trout, herring, shellfish, other: _____

b. List any threatened or endangered species known to be on or near the site. There are no threatened or endangered species on or near the site

c. Is the site part of a migration route? If so, explain.
no

d. Proposed measures to preserve or enhance wildlife, if any.
none necessary

6. ENERGY AND NATURAL RESOURCES

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

The project will rely on the city of Ellensburg electricity and services, including natural gas. The electricity and natural gas will be used for residential purposes.

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

All residences constructed on the property will be constructed pursuant to applicable building codes.

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? If so, describe.

No .
1) Describe special emergency services that might be required.
none necessary

2) Proposed measures to reduce or control environmental health hazards, if any.
none necessary

b. Noise

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

There is no noise in the area which will affect the project other than intermittent noise from operations of Bowers Field

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

There will be normal noise associated with the construction of roads and infrastructure and houses

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

none necessary

8. LAND AND SHORELINE USE

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

Urban residential uses and rural residential uses

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

The site has been used as livestock pasture

c. Describe any structures on the site.

There are no structures on the site

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

No structures will be demolished

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

The current zoning of the property is AG 3

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

The comprehensive plan designation of the property is low-density residential and the site is within the city of Ellensburg urban growth area boundary

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

The site does not have a Shoreline Master program designation

h. Has any part of the site been classified as an:

environmentally sensitive area?

See Exhibit 5

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

None

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

Approximately 145 people will reside in the completed project (assumes 2.5 people per residence).

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

none necessary

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

The project calls for the construction of 58 single-family residential lots with 25.43 acres of the site left in permanent open space. The site will also have designated trails and recreation

9. HOUSING

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

There will 58 middle income housing units constructed.

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

There will be no units eliminated.

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

None necessary

10. AESTHETICS

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

All buildings will be constructed pursuant to existing local rules and regulations governing the construction of buildings including the height of the building

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 necessary

11. LIGHT AND GLARE

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

The project will not produce light or glare other than light associated with residences.

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

No

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

There are no existing off-site sources of light or glare that will affect the proposal

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

There are no measures necessary to reduce or control light or glare impacts

12. RECREATION

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

The property is within the city of Ellensburg urban growth area and there are urban type recreational facilities in the area

b. Would the proposed project displace any existing recreational uses?

If so, describe.

no

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

There are no measures to reduce or control impacts on recreation necessary.

13. HISTORIC AND CULTURAL PRESERVATION

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.

None known to exist on the site

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

None on the site

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

None necessary

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.

Bender Road

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

The site is not currently served by public transit

c. How many parking spaces would the completed project have? How many would the project eliminate?

The completed site will not have any parking places other than parking places associated with residential use

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).

Yes the proposal will require new roads and streets and improvements to existing roads The scope of the roads and the improvements to existing roads is depicted on the plat drawings

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

The project is located near Bowers Field

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
It is unknown exactly how many vehicle trips per day will occur. However peak traffic volumes should occur between seven and 9 a.m. four and 6:30 p.m.

g. Proposed measures to reduce or control transportation impacts, if any.
All roads and improvements to existing roads will be made pursuant to city Ellensburg and/or Kittitas County road standards.

15. PUBLIC SERVICE

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.

It is anticipated occupants of residences to be constructed on the site will need public services.

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

Residences constructed on the site will result in an increase in the tax base and individuals occupying the residences will contribute to the economy of the area, thereby increasing tax revenues which will meet or offset the cost of services

16. UTILITIES

a. Circle utilities currently available at the site: (electricity) natural gas, water, refuse services, telephone, sanitary sewer, septic system, other.

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

Gas, electricity, sewer and water will be provided by the city of Ellensburg. Telephone service will be provided by Fairpoint Communications.

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: 3-1-07

THE REMAINING QUESTIONS ARE EXCLUSIVELY FOR REZONE APPLICANTS AND FOR AMENDMENTS TO COUNTY COMPREHENSIVE PLAN AND CODE. UNLESS THESE APPLY TO YOU, THIS IS THE END OF THE SEPA CHECKLIST.

SEPA ENVIRONMENTAL CHECKLIST QUESTIONS FOR NON-PROJECT ACTIONS ONLY. WHEN ANSWERING THESE QUESTIONS, BE AWARE THE EXTENT OF THE PROPOSAL, OR THE TYPE OF ACTIVITIES LIKELY TO RESULT FROM THE PROPOSAL, WOULD AFFECT AN ITEM AT A GREATER INTENSITY OR AT A FASTER RATE THAN IF THE PROPOSAL WERE NOT IMPLEMENTED. RESPOND BRIEFLY AND IN GENERAL TERMS (ATTACH ADDITIONAL SHEETS AS NECESSARY)

FOR STAFF USE

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise? Proposed measures to avoid or reduce such increases.

Does not apply because this is a project specific application.

2. How would the proposal be likely to affect plants, animals, fish or marine life: Proposed measures to protect or conserve plants, animals, fish or marine life.

Does not apply because this is a project specific application.

3. How would the proposal be likely to deplete energy or natural resources? Proposed measures to protect or conserve energy and natural resources.

Does not apply because this is a project specific application.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands? Proposed measures to protect such resources or to avoid or reduce impacts.

Does not apply because this is a project specific application.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses? Proposed measures to avoid or reduce shoreline and land use impact.

Does not apply because this is a project specific application.

6. How would the proposal be likely to increase demands on transportation or public services and utilities? Proposed measures to reduce or respond to such demand(s).

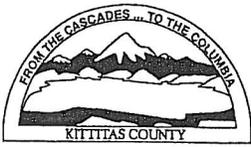
Does not apply because this is a project specific application.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

Does not apply because this is a project specific application.

EXHIBIT 1
TO SEPA CHECKLIST

01155



Application # 2303

**KITTITAS COUNTY
PRELIMINARY SITE ANALYSIS FORM
BUILDING PERMITS**

Fee: \$50.00

Owner/Applicant: Starlite Construction
 Address/Location: Bender Rd.
 Parcel # 10.10.26020.0020 Lot Size: 13.5A Zone: AG-3 Fire District # 2

BELOW TO BE COMPLETED BY DEPARTMENT STAFF

Proposed Use: n/a Square Footage: n/a Use Allowed? Yes ___ No ___
 Does SEPA apply to the Proposed Use? Yes ___ No ___ Required Setbacks: F 25 S 5 R 25
 Variance Required? Yes ___ No ___ Conditional Use Permit Required? Yes ___ No ___ 15ft from side if it's a corner lot
 Within Shorelines? Yes ___ No Shorelines Environment: _____ SDP#: _____

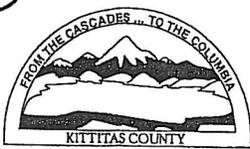
IS THE PROPOSED USE WITHIN A CRITICAL AREA?

Frequently Flooded Area: Yes ___ No Panel #: 530095 0 431B Zone: C
 _____ Fill not to exceed 10 cubic Yards if checked. Zero Rise Required: Yes ___ No ___
 Fish & Wildlife Habitat Conservation Area: Yes ___ No Quad Map _____
 Type of Habitat: _____ Water Type#: _____ Buffer _____
 Wetland: Yes No ___ Quad map: _____ Category (circle) I II III IV not delineated
 Buffer Requirement: _____ Replacement Ratio: _____
 Geologic Hazard Areas: Seismic: Yes ___ No Landslide Yes ___ No
 Erosion: Yes ___ No Mine: Yes ___ No Steep Slope: Yes ___ No
 Aquifer Recharge Area: Does this use involve Hazardous Materials? Yes ___ No (If no then project is exempt)
 _____ Hazardous Materials Containment required if checked
 Airport Overlay: Yes No ___ Zone: Innerturning zone
 BPA Easement: Yes ___ No Easement Buffer: _____
 FPA Moratorium: Yes ___ No Date Moratorium Ends: _____
 Well Type: _____
 Additional Approvals required? Yes ___ No ___ Type: _____

Notes/Comments: FYI: PEMC Wetland on portions of property.
Property located within Airport Zone: Innerturning zone.
 Reviewed By: Amber Creel Date: 2.9.07

EXHIBIT 2
TO SEPA CHECKLIST

22155



Application # 2384

**KITTITAS COUNTY
PRELIMINARY SITE ANALYSIS FORM
BUILDING PERMITS**

Fee: \$50.00

Owner/Applicant: Starlite Construction
 Address/Location: N. Pioneer Rd.
 Parcel # 10-10-20020-0023 Lot Size: 12.87 Zone: AG-3 Fire District # 2

BELOW TO BE COMPLETED BY DEPARTMENT STAFF

Proposed Use: n/a Square Footage: n/a Use Allowed? Yes No
 Does SEPA apply to the Proposed Use? Yes No Required Setbacks: F 25 S 5 R 25
 Variance Required? Yes No Conditional Use Permit Required? Yes No 15 from side!
 Within Shorelines? Yes No Shorelines Environment: _____ SDP#: _____ it's a corner lot.

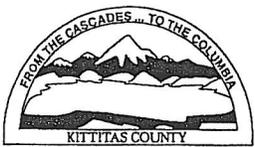
IS THE PROPOSED USE WITHIN A CRITICAL AREA?

Frequently Flooded Area: Yes No Panel #: 530095 0 4391B Zone: C
 _____ Fill not to exceed 10 cubic Yards if checked. Zero Rise Required: Yes No
 Fish & Wildlife Habitat Conservation Area: Yes No Quad Map _____
 Type of Habitat: _____ Water Type#: _____ Buffer _____
 Wetland: Yes No Quad map: _____ Category (circle) I II III IV not delineated
 Buffer Requirement: _____ Replacement Ratio: _____
 Geologic Hazard Areas: Seismic: Yes No Landslide Yes No
 Erosion: Yes No Mine: Yes No Steep Slope: Yes No
 Aquifer Recharge Area: Does this use involve Hazardous Materials? Yes No (If no then project is exempt)
 _____ Hazardous Materials Containment required if checked
 Airport Overlay: Yes No Zone: InnerTurning zone
 BPA Easement: Yes No Easement Buffer: _____
 FPA Moratorium: Yes No Date Moratorium Ends: _____
 Well Type: _____
 Additional Approvals required? Yes No Type: _____

Notes/Comments: EVI: PEMC Wetland located on portions of property. Property located within Airport zone: InnerTurning zone.
 Reviewed By: Amber Green Date: 2.9.07

EXHIBIT 3
TO SEPA CHECKLIST

0998



Application # 2385

**KITTITAS COUNTY
PRELIMINARY SITE ANALYSIS FORM
BUILDING PERMITS**

Fee: \$50.00

Owner/Applicant: Starlite Construction
 Address/Location: Bender Road
 Parcel # 1B.1B.26020.0024 Lot Size: 12.03 Zone: AG-3 Fire District # 2

BELOW TO BE COMPLETED BY DEPARTMENT STAFF

Proposed Use: N/A Square Footage: N/A Use Allowed? Yes ___ No ___
 Does SEPA apply to the Proposed Use? Yes ___ No ___ Required Setbacks: F 25 S 5 R 25
 Variance Required? Yes ___ No ___ Conditional Use Permit Required? Yes ___ No ___ *15 from side i corner lot*
 Within Shorelines? Yes ___ No Shorelines Environment: _____ SDP#: _____

IS THE PROPOSED USE WITHIN A CRITICAL AREA?

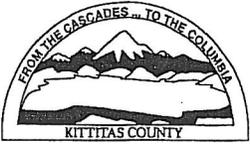
Frequently Flooded Area: Yes ___ No Panel #: 530095 0 431B Zone: C
 _____ Fill not to exceed 10 cubic Yards if checked. Zero Rise Required: Yes ___ No ___
 Fish & Wildlife Habitat Conservation Area: Yes ___ No Quad Map _____
 Type of Habitat: _____ Water Type#: _____ Buffer _____
 Wetland: Yes No ___ Quad map: _____ Category (circle) I II III IV not delineated
 Buffer Requirement: _____ Replacement Ratio: _____
 Geologic Hazard Areas: Seismic: Yes ___ No Landslide Yes ___ No
 Erosion: Yes ___ No Mine: Yes ___ No Steep Slope: Yes ___ No
 Aquifer Recharge Area: Does this use involve Hazardous Materials? Yes ___ No (If no then project is exempt)
 _____ Hazardous Materials Containment required if checked
 Airport Overlay: Yes No ___ Zone: Inner Turning Zone
 BPA Easement: Yes ___ No Easement Buffer: _____
 FPA Moratorium: Yes ___ No Date Moratorium Ends: _____
 Well Type: _____
 Additional Approvals required? Yes ___ No ___ Type: _____

Notes/Comments: EYE PORTION OF PERM WETLAND LOCATED ON PROPERTY.
PROPERTY LOCATED WITHIN AIRPORT ZONE: INNER TURNING ZONE.

Reviewed By: Amber Green Date: 2.9.07

EXHIBIT 4
TO SEPA CHECKLIST

20999



Application # 2386

**KITTITAS COUNTY
PRELIMINARY SITE ANALYSIS FORM
BUILDING PERMITS**

Fee: \$50.00

Owner/Applicant: Starlite Construction

Address/Location: Bender Rd.

Parcel # 10.10.26020.0025 Lot Size: 19.61 Zone: AG-3 Fire District # 2

BELOW TO BE COMPLETED BY DEPARTMENT STAFF

Proposed Use: n/a Square Footage: n/a Use Allowed? Yes ___ No ___

Does SEPA apply to the Proposed Use? Yes ___ No ___ Required Setbacks: F 25 S 5 R 25

Variance Required? Yes ___ No ___ Conditional Use Permit Required? Yes ___ No ___ *15 from side if corner lot*

Within Shorelines? Yes ___ No Shorelines Environment: _____ SDP#: _____

IS THE PROPOSED USE WITHIN A CRITICAL AREA?

Frequently Flooded Area: Yes ___ No Panel #: 530095 0 431B Zone: C

_____ Fill not to exceed 10 cubic Yards if checked. Zero Rise Required: Yes ___ No ___

Fish & Wildlife Habitat Conservation Area: Yes ___ No Quad Map _____

Type of Habitat: _____ Water Type#: _____ Buffer _____

Wetland: Yes No ___ Quad map: _____ Category (circle) I II III IV not delineated

Buffer Requirement: _____ Replacement Ratio: _____

Geologic Hazard Areas: Seismic: Yes ___ No Landslide Yes ___ No

Erosion: Yes ___ No Mine: Yes ___ No Steep Slope: Yes ___ No

Aquifer Recharge Area: Does this use involve Hazardous Materials? Yes ___ No (If no then project is exempt)

_____ Hazardous Materials Containment required if checked

Airport Overlay: Yes No ___ Zone: Inner Turning zone / Airport Operations Zone

BPA Easement: Yes ___ No Easement Buffer: _____

FPA Moratorium: Yes ___ No Date Moratorium Ends: _____

Well Type: _____

Additional Approvals required? Yes ___ No ___ Type: _____

Notes/Comments: FYI: PORTIONS OF PENC WETLAND LOCATED ON PROPERTY. PORTION OF PROPERTY LOCATED WITHIN INNER TURNING ZONE. PORTION OF PROPERTY LOCATED WITHIN AIRPORT OPERATIONS ZONE.

Reviewed By: Amber Creen Date: 2.9.07

EXHIBIT 5
TO SEPA CHECKLIST

THE WETLAND CORPS



Wetland Delineation • Habitat Management Plans • Riparian Restoration • Mitigation • Biological Evaluations
Eastside Division - (509) 899-0355 Westside Division - (360) 620-0618

WETLAND INVENTORY OF STARLIGHT PROPERTY Ellensburg, Washington

**Prepared For:
Encompass Engineering
December 10, 2006**

**Prepared By:
J.R. Gilbert
Plant Ecologist
Agricultural Wetland Specialist
The Wetland Corps**

THE WETLAND CORPS



Wetland Delineation • Habitat Management Plans • Riparian Restoration • Mitigation • Biological Evaluations
Eastside Division - (509) 899-0355 Westside Division - (360) 620-0618

December 10, 2006

Project# TWC06E54

Page 1 of 7

WETLAND INVENTORY OF STARLIGHT CONSTRUCTION PROPERTY

**Encompass Engineering
Ellensburg, Washington**

WETLAND INVENTORY

INTRODUCTION

The Wetland Corps was authorized by Mr. Marc Kirkpatrick of Encompass Engineering to perform a wetland inventory and to prepare an analysis report of The Starlight Construction Property, located near North of Bender Road and South of Bowers Road, in Ellensburg, Washington (Kittitas County). The property consists of four parcels and is a total of 58 acres. The parcels are recorded as Tax Assessors #: (020-0020, 020-0023, 020-0024, 020-0025) and is zoned Residential Suburban (R-S). The work has been requested in conjunction with the preliminary planning of a multi-family subdivision of the ownership.

METHODOLOGY

For the purposes of Federal, Washington State, Kittitas County and the City of Ellensburg jurisdictional oversight, methodology used for the wetland delineation is consistent with the wetland definition provided in paragraph 25a of the Washington State Wetlands Identification and Delineation Manual (Washington State Department of Ecology, 1997). The sections below provide: (1) an introduction to the site; (2) a description of methods used in the field delineation; and, (3) technical results.

Review of Existing Information

Consistent with procedures detailed in the Washington State Wetlands Identification and Delineation Manual (Washington State Department of Ecology, 1997) preliminary information on the project site was gathered prior to the field review and delineation. General information sources included: United States Geological Service (USGS) topographic maps, 1974 United States Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) maps, Aerial Photographs of similar and surrounding areas, the City of Ellensburg critical areas regulations and Kittitas County Critical Area Regulations.

Field Delineation

Methodology used for wetland delineation (if necessary) is consistent with the technical approaches articulated in the 1987 Corps of Engineers (COE) Manual and in the 1997 Washington State Wetlands Identification and Delineation Manual. These documents are the wetland delineation manuals that are used in determining wetland areas when applying federal, state and local government regulations under the Clean Water Act (Section 404), the Shoreline Management Act and the Growth Management Act in Washington State.

The project site field work was conducted over the course of four days in November and December 2006. A general field review of this property was also performed (Wetland Corps 2005) in May of 2005, as part of a feasibility study with the former land owner. Field work (2006) was conducted under cloudy skies with an ambient temperature ranging between 30 and 40 degrees Fahrenheit. The time of year and recent precipitation history was considered in assessing the type and extent of any wetlands existing on site.

Specific field methodology used in determining the extent and location of wetland areas include:

- As part of the initial project site reconnaissance, the site was walked to determine the general extent and location of potential wetland areas in relation to property boundaries.
- Potential wetland and upland sample plots were established in the identified potential wetland areas and in the adjacent upland area; and
- Potential wetland boundaries (if identified) were delineated with flagging, by noting localized topography and vegetation patterns and comparing parameters of hydrology, soil, and vegetation with data collected at the wetland and upland sample plots.

WETLAND EVALUATION

The project area was investigated; soil, vegetation and hydrologic data were collected at twenty-two sample plot locations. Data collected at each sample plot was entered onto a Routine Wetland Determination Data Form (Washington State Department of Ecology 1997). (Appendix B).

Any wetlands identified on the property would be classified and rated using the categories set forth in *Washington State Wetland Rating System, Eastern Washington, 2nd Edition*, or as amended hereafter (Department of Ecology 1993). This wetland evaluation would use the new rating manual, *Washington State Wetland Rating System for Eastern Washington* (Hruby 2004). This system identifies various complexities within wetland structures, habitat attributes and various functions associated with wetlands.

GENERAL SITE CONDITIONS

The ownership is comprised of upland pasture areas with a low gradient (South 0%-2%), with very minimal variation in topographic features. The property has been primarily used in the past as pasture, irrigated by flood irrigation techniques, using man-made ditches and diversion dams. Multiple irrigation ditches are present on, and within proximity to the ownership. The Source of irrigation water to the ownership is from the Cascade Canal to the North and North East, and from irrigation tail water or run-off from the upper Kittitas Reclamation District. These large made-made ditches deliver water to over 60,000 acres throughout Kittitas County. The average flows of these canals combined is over 3,500 Cubic Feet per Second (CFS), is largely responsible for wetland-like conditions in flood irrigated pastures.

During the past few months, and at the time of field review of the ownership, The Cascade Canal Company was conducting a major Pipeline Project upstream (North of Bowers Rd), on the northern boundary and through the length of the western boundary of the ownership. Piping irrigation ditches is becoming more common in the Kittitas County, due to soil and water conservation efforts to conserve water for salmon recovery in the Yakima Basin. The construction of this pipeline will eliminate any leeching or sub surface flows related to the previously existing irrigation ditches. The water flow is now completely tight-lined and there is a large valve controlling the irrigation water from the north (which will no longer be used for flood irrigation). Therefore, the only source of irrigation related sub-surface and surface flows are from the large turnout from the Cascade Ditch to the north east (which will no longer be used for flood irrigation). A tight-lined distribution plan is being designed as part of the subdivision project that will eliminate open ditches and create a network of residential sprinkler systems. The existing ditches and diversions are directly responsible for the flood irrigation waters that once saturated this particular field. Although, this project site diverted its irrigation water flows for often prolonged periods, the majority of flood irrigation water on the property saturated areas of lowest general topography, which are the areas that support some wetland characteristics, mainly vegetative characteristics. Some mottling was observed in these depressional areas, however; no gleyed soil conditions were observed except in the pits dug in irrigation ditches.

The upland herbaceous communities are dominated by a variety of native and pasture grasses with many interspersed patches of common weeds. Parts of the ownership, however, have areas dominated by vegetation that is commonly indicative of wetland areas. These vegetated areas are directly affected by flood irrigation practices. No inundation or saturated soils was observed at the time of field review. The Soils provided no indicators of a seasonally high water table or that the area may be seasonally inundated (without flood irrigation). There is no dominant upland overstory, and currently there are no existing structures on the ownership.

BACKGROUND INFORMATION

National Wetlands Inventory

The USFWS NWI map - Online wetlands mapper shows potential wetlands on the subject property. (Appendix A)

NRCS / USDA Online Soil Survey – No information available

WETLAND INVENTORY RESULTS

Data was collected at twenty two sample plot locations within potential wetland areas and adjacent known uplands. Suspected wetland areas included any portion of the site containing hydrophytic vegetation. The sample plots would normally be staked, flagged, and labeled with numbered ribbons for identification (DP 1, 1a 2, 2 a, 3, 3a, etc...), but the presence of cattle on the property at the time of soil pit excavation, prevented staking and labeling the pits. The pits were also filled in after soil data was recorded, to eliminate any possible liability to the Wetland Corps. However, all soil pits are located and labeled on the attached Data Points Map (Appendix C). For each soil pit dug (1.) in a potential wetland area (based on topography and vegetation), a corresponding soil pit was dug in a known upland (1a.).

- Soils

Soils inspected in soil pits ranged from 10YR 2/2 to 10YR 4/4 and 7.5YR 2.5/2 to 7.5YR 2.5/3. The Soil Survey of Kittitas County is not published and there is no available soil information. Information collected in most soil pits was fairly consistent, revealing dry to moist silt loams, cobbly silt loams, silt clay loams, fine sandy loams and sandy clay loams. These soils are underlain by a wavy loamy-gravel-cobble lens, which varied in depth from 14" to 18". None of the soil pits down to 14 inches showed any significant indicators of wetland hydrology, except for pits dug directly in irrigation ditches, in which soils had hydric characteristics. Pits dug in irrigation ditches, serve as reference points, to help determine what conditions to look for in other portions of the property. Data points in potential wetland areas were located at the point of lowest general topography. No data points revealed outside of irrigation ditches revealed any saturated soils or standing water. Soil pits near head ditches and near or in the most heavily irrigated portions revealed common, fine and faint/distinct mottling with a matrix of 5YR 4/6. Mottling of the soil is indicative of a fluctuating water table, and Gleyed soil is indicative of areas of long term saturation, neither of these soil conditions is predominant.

- Hydrology

This ownership is located within proximity of Cascade Canal. The property receives irrigation flows from the canal, via a made-made ditch system. Overall, there is a general rise in the water-table in the Kittitas Valley during the irrigation season. This water-table rise is considered natural and the "normal circumstance" of the environment. Areas of land that are directly affected by high water table which results in wetland conditions are valid and are regulated. Hydrology that clearly results from surface irrigation flows, can be shut off and hydrological connectivity is ceased. Therefore, wetland-like areas created from this conveyance are not regulated. No inundation or standing water in pits was observed.

The large, main irrigation ditch running South-West across the ownership had standing water in it, at a depth of ~3'. Recent Snow melt and heavy rains were most likely responsible

- Vegetation

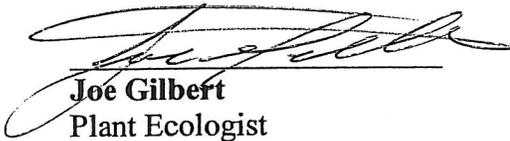
The small areas of concern exhibit a moderate presence of wetland vegetation. These zones are comprised of Sedge (*Carex Sp.*) and areas of Rush (*Juncus Sp.*). Native grasses growing along the peripheral and adjacent areas consist of Blue Grasses (*Poa Sp.*), Quack Grass (*Agropyren repens*) (annual and perennial Rye Grasses (*Secale Sp.*), and Fescue's (*Festuca Sp.*). This particular parcel has no overstory trees growing within its boundaries, but has interspersed weed species including: Canada Thistle (*Cirsium arvense*), Mustard species (*Brassica sp.*), and Prickly Lettuce (*Lactuca serriola*). The majority of hydrophytic vegetation on this site is located in the depressional areas between the old ditches where the majority of irrigation water flowed and could settle. Again, without flood irrigation inducing a wetland like condition, hydrophytic vegetation would no longer be supported.

WETLAND INVENTORY SUMMARY

It is the finding of The Wetland Corps, based on our knowledge of the area, its surrounding areas and our recent field review of the site, that no jurisdictional wetlands exist on the subject parcel. Although there is hydrophytic vegetation present on portions of the project site, other wetland indicators such as hydric soil and non-irrigation system hydrology are simply not present. The previous identification of wetlands on the parcels, as shown on the NWI map, is most likely a mapping error, related to the signature of large scale flood irrigation during the time of map preparation. The NWI map is based on vegetation and color variation, derived from aerial photographs, and the assumed characteristics are not verified in the field. Without the presence of flood irrigation at a consistent frequency, hydrophytic vegetation would not likely be supported in this particular area.

We trust this information is sufficient for your needs at this time. Thank you for choosing The Wetland Corps as your environmental consultant. If you have any questions feel free to call. (509) 899-0355

Respectfully submitted,



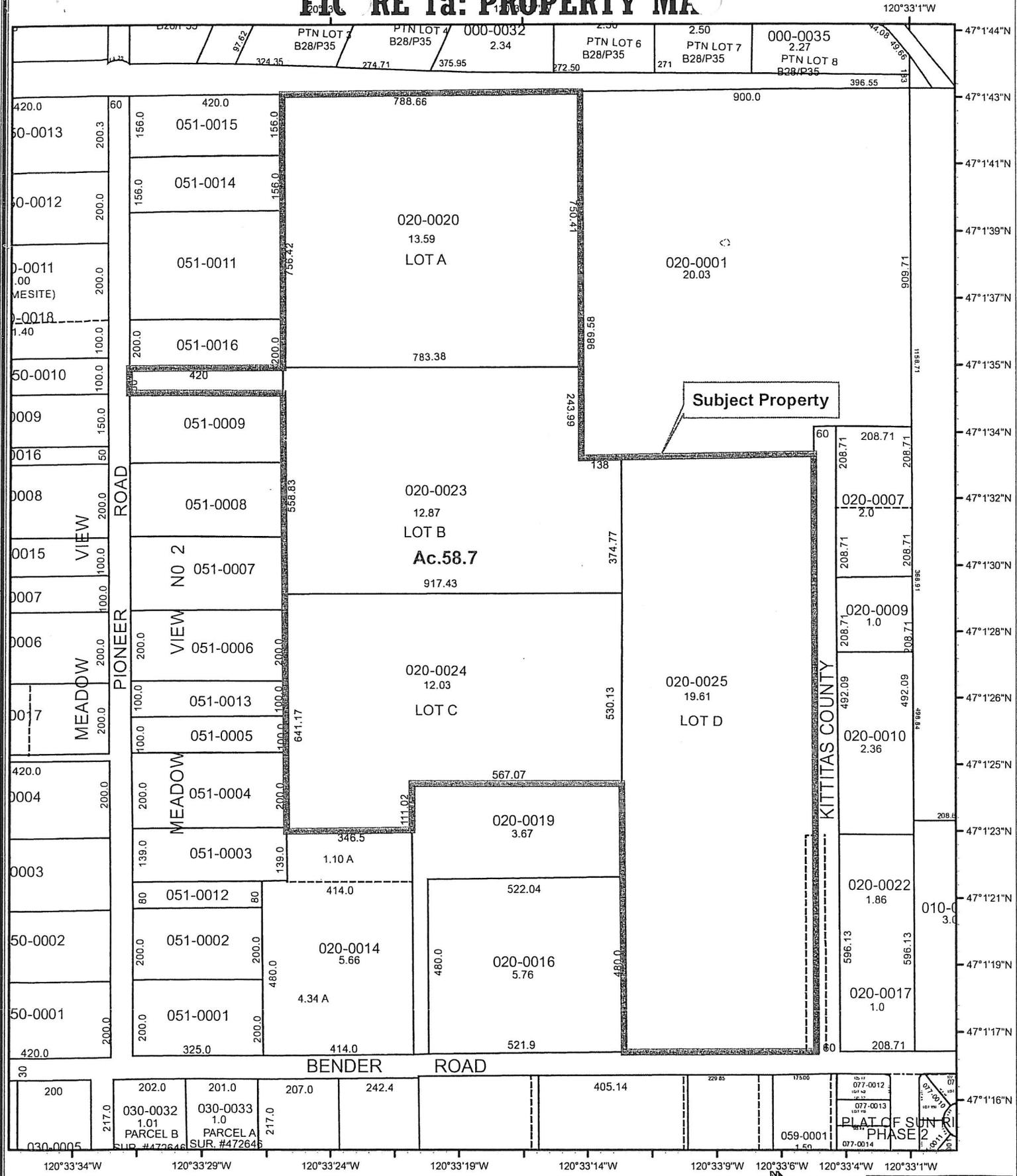
Joe Gilbert
Plant Ecologist
Senior Wetland Specialist

REFERENCES

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Figure 1a, 1b, 1c: Property Maps

FIGURE 1a: PROPERTY MAP



THE WETLAND CORPS

Wetland Delineation Habitat Management Plans Riparian Restoration Mitigation Biological Evaluations
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FIGURE 1a PROPERTY MAP
 Project Name: Starlight Property
 Location: Ellensburg, Washington
 Project: "C:\Projects\Starlight\PropMap1.pdf"
 Client: Starlight
 Date: December 2, 2006

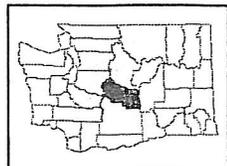
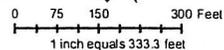
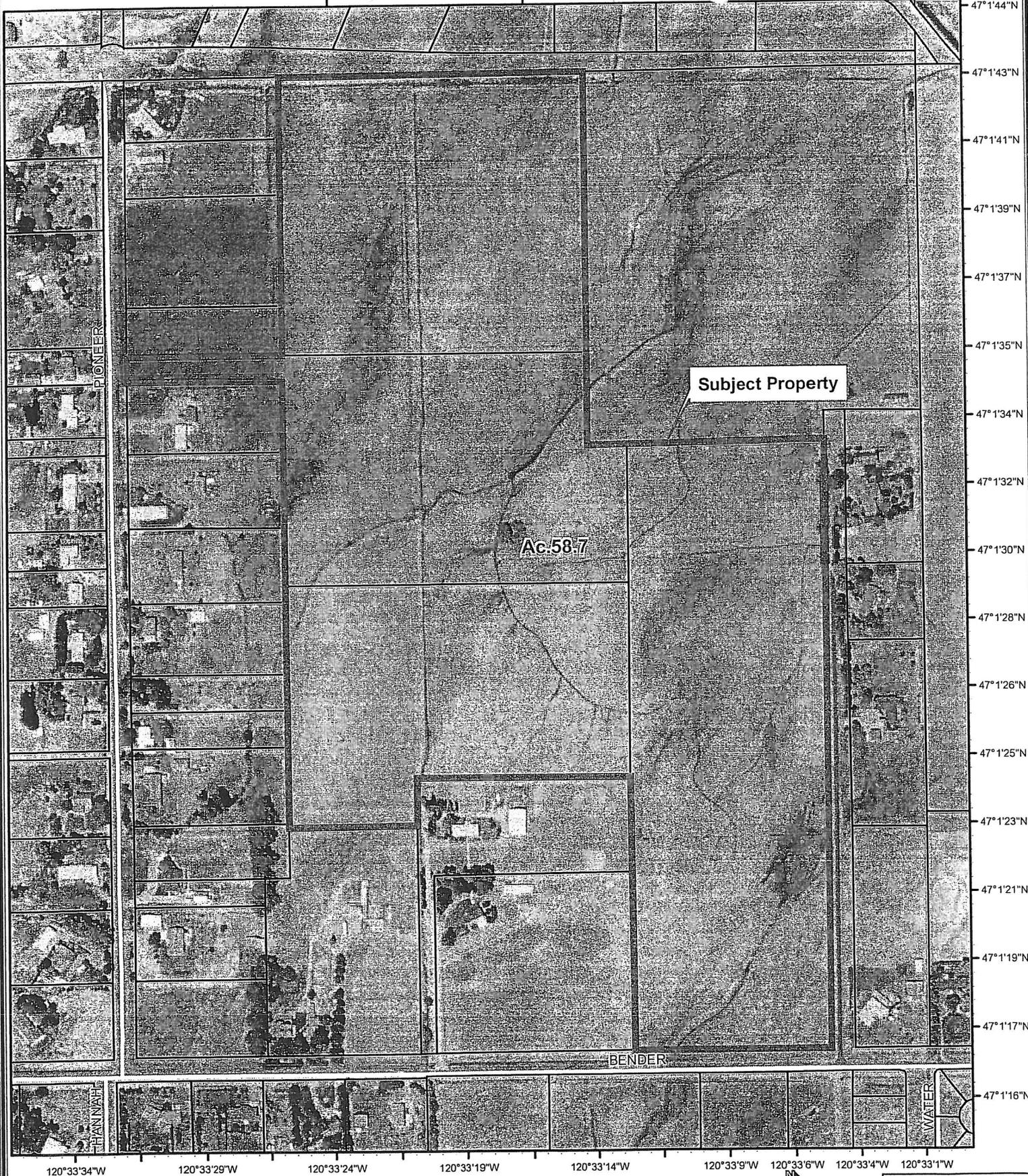


FIGURE 1b: PROPERTY MAP

120°33'1"W



120°33'34"W

120°33'29"W

120°33'24"W

120°33'19"W

120°33'14"W

120°33'9"W

120°33'6"W

120°33'4"W

120°33'1"W

47°1'16"N

47°1'17"N

47°1'19"N

47°1'21"N

47°1'23"N

47°1'25"N

47°1'26"N

47°1'28"N

47°1'30"N

47°1'32"N

47°1'34"N

47°1'35"N

47°1'37"N

47°1'39"N

47°1'41"N

47°1'43"N

47°1'44"N

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FIGURE 1b PROPERTY MAP

Project Name: Starlight Property
Location: Ellensburg, Washington
Project: "C:\Projects\Starlight\PropMap2.pdf"
Client: Starlight
Date: December 2, 2006



0 75 150 300 Feet
1 inch equals 333.3 feet

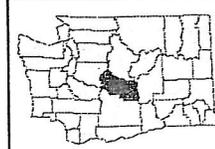


FIG RE 1c: PROPERTY MAP

120°33'1"W



THE WETLAND CORPS

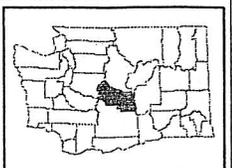


Wetland Delineation Habitat Management Plans Riparian Restoration Mitigation Biological Evaluations
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FIGURE 1c PROPERTY MAP
 Project Name: Starlight Property
 Location: Ellensburg, Washington
 Project: "C:\Projects\Starlight\PropMap3.pdf"
 Client: Starlight
 Date: December 2, 2006

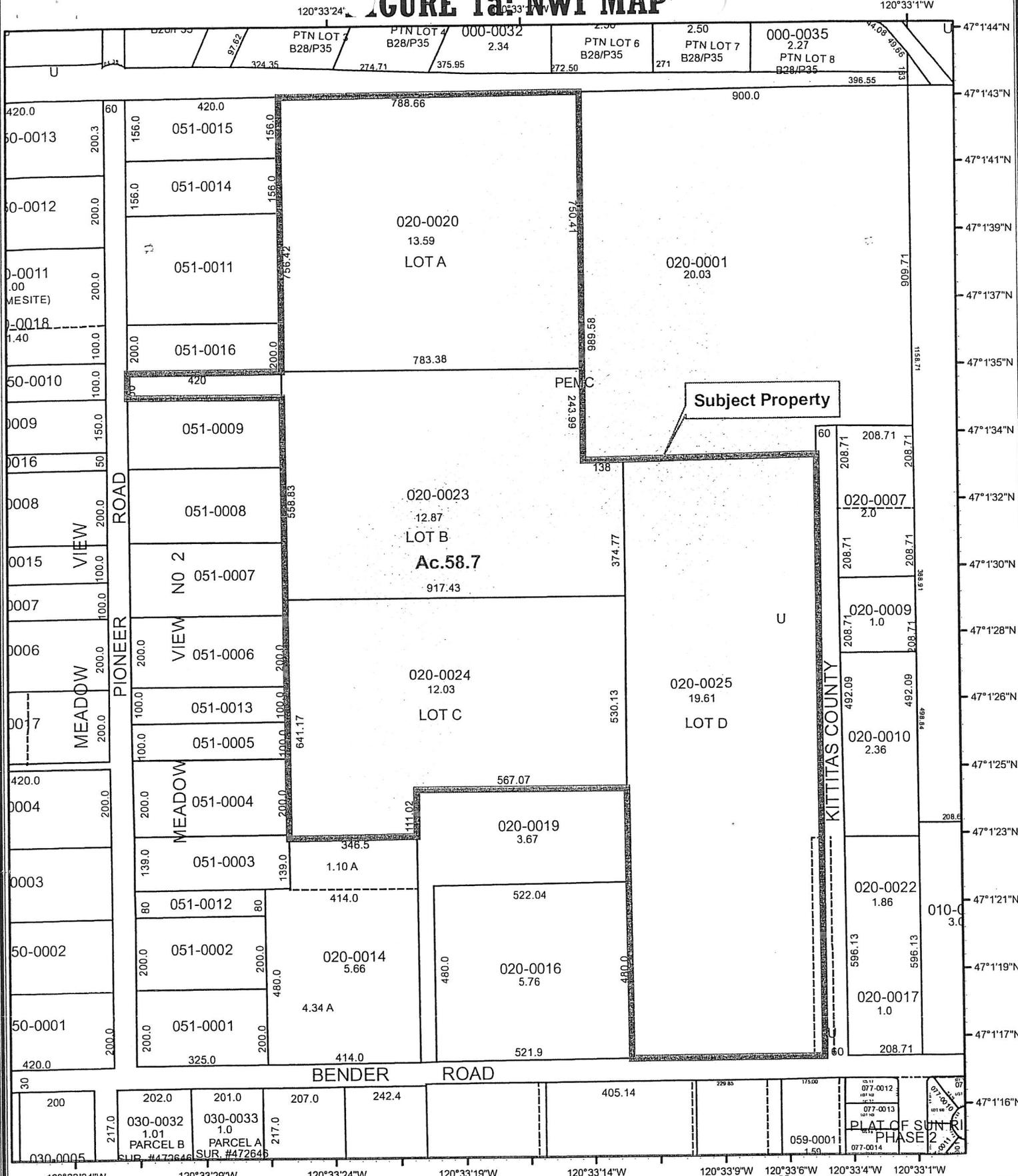


0 75 150 300 Feet
 1 inch equals 333.3 feet



Appendix A: NWI Maps

FIGURE 1a: NWI MAP

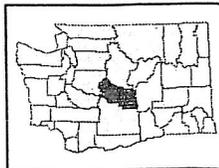
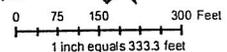


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FIGURE 1a NWI MAP
 Project Name: Starlight Property
 Location: Ellensburg, Washington
 Project: "C:\Projects\Starlight\NWIMap1.pdf"
 Client: Starlight
 Date: December 2, 2006



120°33'26"

FIGURE 1b: NWI MAP

120°33'11"W



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FIGURE 1b NWI MAP
 Project Name: Starlight Property
 Location: Ellensburg, Washington
 Project: "C:\Projects\Starlight\NWIMap2.pdf"
 Client: Starlight
 Date: December 2, 2006



0 75 150 300 Feet
 1 inch equals 333.3 feet

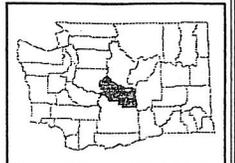


FIGURE 1c: NWI MAP

120°33'24"

120°33'1"W



Subject Property

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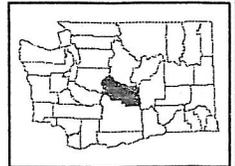


Wetland Delineation Habitat Management Plans Riparian Restoration Mitigation Biological Evaluations
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FIGURE 1c NWI MAP
 Project Name: Starlight Property
 Location: Ellensburg, Washington
 Project: "C:\Projects\Starlight\NWIMap3.pdf"
 Client: Starlight
 Date: December 2, 2006



0 75 150 300 Feet
 1 inch equals 333.3 feet



Appendix B: Routine Wetland Determination Data Forms

Roll the Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:

Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Transect ID: Upland 1
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Plot ID: DP 5
Explanation of atypical or problem area:	

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>Agropyron repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				
<i>Festuca Sp</i>	H		FACU				
<i>Juncus effuses</i>	H		FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/4 = 25% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No on	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12 in.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >16 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >16 inches	Other (explain):	
Check all that apply & explain below:		
<input type="checkbox"/> Stream, lake or gage data		
<input checked="" type="checkbox"/> Aerial photographs		
<input type="checkbox"/> Other		

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS
 Map Unit Name (Series and Phase) : Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown

Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
0-10		5YR 3/3	5YR 4/6	F, F, D	Silt loam	
10-16		7.5YR 2.5/3			Silt Clay loam	
16+					Gravelly 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? Yes No

Rationale for decision/Remarks: No primary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES: Located in between irrigation ditches

Revised 4/97

Ro...ne Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture Transect ID: Upland 1 Plot ID: DP 5a
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Explanation of atypical or problem area:	

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>Agropyrum repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 0/2 = 0% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No on	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12in.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >12 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >12 inches	Other (explain):	
Check all that apply & explain below: <input type="checkbox"/> Stream, lake or gage data <input checked="" type="checkbox"/> Aerial photographs <input type="checkbox"/> Other		

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase) : Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown

Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
0-12		10 YR 3/3			Sandy Clay Loam	
12+		10 YR 3/3			Gravelly 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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES: Known upland

Revised 4/97

Rou e Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property Applicant/owner: Starlight Construction Investigator(s): J.R. Gilbert	Date: December 2006 County: Kittitas State: Wa S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explanation of atypical or problem area:	Community ID: Herbaceous Pasture Transect ID: Upland 1 Plot ID: DP 6

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>Agropyrum repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				
<i>Juncus effusus</i>	H		FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/3 = 33% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

<input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation	<input type="checkbox"/> Physiological/reproductive adaptations
<input type="checkbox"/> Morphological adaptations	<input type="checkbox"/> Wetland plant database
<input type="checkbox"/> Technical Literature	<input checked="" type="checkbox"/> Personal knowledge of regional plant communities
	<input type="checkbox"/> Other (explain)

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No on	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12in.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >12 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >12 inches	Other (explain):	
Check all that apply & explain below: <input type="checkbox"/> Stream, lake or gage data <input checked="" type="checkbox"/> Aerial photographs <input type="checkbox"/> Other		

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase) : Unknown

Drainage Class: Unknown

Taxonomy (subgroup)

Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (<u>match description</u>)
0-14		10 YR 3/3			Sandy Clay Loam	
14+					Gravelly loam	

Hydric Soil Indicators: (check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Histosol | <input type="checkbox"/> Matrix chroma ≤ 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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES: Within NWI, appears to be upland

Revised 4/97

Routine Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property Applicant/owner: Starlight Construction Investigator(s): J.R. Gilbert	Date: December 2006 County: Kittitas State: Wa S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explanation of atypical or problem area:	Community ID: Herbaceous Pasture Transect ID: Upland 1 Plot ID: DP 6a

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>Agropyrum repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				
<i>Juncus effusus</i>	H		FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/3 = 33% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No on	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12 in.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >12 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >12 inches	Other (explain):	
Check all that apply & explain below: <input type="checkbox"/> Stream, lake or gage data <input checked="" type="checkbox"/> Aerial photographs <input type="checkbox"/> Other		

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase): Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown

Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (<u>match description</u>)
0-14		10 YR 3/3			Sandy Loam	
14+					Gravelly 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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES: Known Upland

Revised 4/97

Roane Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture Transect ID: Upland 1 Plot ID: DP 7
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Explanation of atypical or problem area:	

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>Agropyrum repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				
<i>Juncus effusus</i>	H		FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/3 = 33% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? Yes No

Based on: Soil temp (record temp)
 Other (explain) - November/Dec

Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12in.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >16 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >16 inches	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Check all that apply & explain below:

- Stream, lake or gage data
 Aerial photographs
 Other

Other (explain):

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase) : Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown
 Field observations confirm mapped type? N/A

Profile Description						Drawing of soil profile (match description)
Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	
0-8		10 YR 2/2			Silt Loam	
8-16					Silt clay Loam	
16+					Gravelly 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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES:

Revised 4/97

Ro. ne Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:

Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Transect ID: Upland 1
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Plot ID: DP 7a

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>Agropyrum repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				
<i>Juncus effusus</i>	H		FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/3 = 33% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

<input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation	<input type="checkbox"/> Physiological/reproductive adaptations
<input type="checkbox"/> Morphological adaptations	<input type="checkbox"/> Wetland plant database
<input type="checkbox"/> Technical Literature	<input checked="" type="checkbox"/> Personal knowledge of regional plant communities
	<input type="checkbox"/> Other (explain)

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12 in: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >16 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >16 inches	Other (explain):	

Check all that apply & explain below:

Stream, lake or gage data

Aerial photographs

Other

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase): Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown

Field observations confirm mapped type? N/A

Profile Description		Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
Depth (inches)	Horizon					
0-8		10 YR 2/2			Silt Loam	
8-16					Silt clay Loam	
16+					Gravelly 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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES:

Revised 4/97

Ro ne Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:

Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Transect ID: Upland 1
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Plot ID: DP 8
Explanation of atypical or problem area:	

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>Agropyrum repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 0/2 = 0% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

<input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation	<input type="checkbox"/> Physiological/reproductive adaptations
<input type="checkbox"/> Morphological adaptations	<input type="checkbox"/> Wetland plant database
<input type="checkbox"/> Technical Literature	<input checked="" type="checkbox"/> Personal knowledge of regional plant communities
	<input type="checkbox"/> Other (explain)

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12 in.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >12 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >12 inches	Other (explain):	
Check all that apply & explain below: <input type="checkbox"/> Stream, lake or gage data <input checked="" type="checkbox"/> Aerial photographs <input type="checkbox"/> Other		

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase): Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown

Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
0-12		10 YR 3/3			Silt Loam	
12+		7.5YR 2.5/3			Sandy clay Loam	
12+					Gravelly 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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES:

Revised 4/97

Role Wetland Determination

DATA FORM 1 (Revised)

WA State Wetland Delineation Manual or 1987 Corps Wetland Delineation Manual

Project/Site: Starlight Property Applicant/owner: Starlight Construction Investigator(s): J.R. Gilbert	Date: December 2006 County: Kittitas State: Wa S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explanation of atypical or problem area:	Community ID: Herbaceous Pasture Transect ID: Upland 1 Plot ID: DP 8a

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>Agropyrum repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 0/2 = 0% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? Yes No

Based on: Soil temp (record temp)
 Other (explain) - November/Dec

Depth of inundation: No Inundation

Depth to free water in pit: >14 inches

Depth to saturated soil: >14 inches

Check all that apply & explain below:

- Stream, lake or gage data
 Aerial photographs
 Other

Water Marks: Yes No

Drift Lines: Yes No

Oxidized Root (live roots)
 Channels <12 in.: Yes No

FAC Neutral: Yes No

Other (explain):

Sediment Deposits: Yes No

Drainage Patterns: Yes No

Local Soil Survey: Yes No

Water-stained Leaves:
 Yes No

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase) : Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown

Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
0-8		10 YR 3/3			Silt Loam	
8-14		10 YR 4/6			Sandy clay Loam	
14+					Gravelly 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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- Hydrophytic vegetation present? Yes No
- Hydric soils present? Yes No
- Wetland hydrology present? Yes No
- Is the sampling point within a wetland? Yes No

Rationale/Remarks: Negative for all three parameters

NOTES:

Revised 4/97

Roine Wetland Determination

DATA FORM 1 (Revised)

WA State Wetland Delineation Manual or 1987 Corps Wetland Delineation Manual

Project/Site: Starlight Property Applicant/owner: Starlight Construction Investigator(s): J.R. Gilbert	Date: December 2006 County: Kittitas State: Wa S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explanation of atypical or problem area:	Community ID: Herbaceous Pasture Transect ID: Upland 1 Plot ID: DP 9

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>Agropyrum repens</i>	H		FACU				
<i>Poa Sp</i>	H		FACU				
<i>Juncus effusus</i>	H		FACW				
<i>Carex l.</i>	H		FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 2/4 = 50% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: More than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? Yes No

Based on: Soil temp (record temp)
 Other (explain) - November/Dec

Depth of inundation: No Inundation

Depth to free water in pit: >15 inches

Depth to saturated soil: >15 inches

Check all that apply & explain below:

- Stream, lake or gage data
 Aerial photographs
 Other

Water Marks: Yes No

Drift Lines: Yes No

Oxidized Root (live roots)
 Channels <12 in: Yes No

FAC Neutral: Yes No

Other (explain):

Sediment Deposits: Yes No

Drainage Patterns: Yes No

Local Soil Survey: Yes No

Water-stained Leaves:
 Yes No

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase) : Unknown

Drainage Class: Unknown

Taxonomy (subgroup)

Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
0-15		10 YR 3/3			Sandy Clay Loam	
15+					Gravelly 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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|---|--|
| Hydrophytic vegetation present? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for two of three parameters

NOTES:

Revised 4/97

Rogaine Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:

Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Transect ID: Upland 1
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Plot ID: DP 9a
Explanation of atypical or problem area:	

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>Agropyrum repens</i>	H	>20%	FACU				
<i>Poa Sp</i>	H	>20%	FACU				
<i>Secale sp</i>							
<i>Juncus effuses</i>	H	>20%	FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/4 = 25% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12in: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >14 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >14 inches	Other (explain):	
Check all that apply & explain below: <input type="checkbox"/> Stream, lake or gage data <input checked="" type="checkbox"/> Aerial photographs <input type="checkbox"/> Other		

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase): Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown

Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
0-8		10YR 3/2			Silt loam	
8-14		10YR 3/3			Sandy Clay Loam	
14+					Gravel -Cobble	

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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- Hydrophytic vegetation present? Yes No
- Hydric soils present? Yes No
- Wetland hydrology present? Yes No
- Is the sampling point within a wetland? Yes No

Rationale/Remarks: Negative for all three parameters

NOTES: Located just above irrigated depression

Revised 4/97

Roine Wetland Determination

DATA FORM 1 (Revised)

WA State Wetland Delineation Manual or 1987 Corps Wetland Delineation Manual

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:

Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Transect ID: Upland 1
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Plot ID: DP 10
Explanation of atypical or problem area:	

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>Agropyrum repens</i>	H	>20%	FACU				
<i>Poa Sp</i>	H	>20%	FACU				
<i>Juncus effuses</i>	H	>20%	FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/3 = 33% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

<input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation	<input type="checkbox"/> Physiological/reproductive adaptations
<input type="checkbox"/> Morphological adaptations	<input type="checkbox"/> Wetland plant database
<input type="checkbox"/> Technical Literature	<input checked="" type="checkbox"/> Personal knowledge of regional plant communities
	<input type="checkbox"/> Other (explain)

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12in.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >16 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >16 inches	Other (explain):	
Check all that apply & explain below: <input type="checkbox"/> Stream, lake or gage data <input checked="" type="checkbox"/> Aerial photographs <input type="checkbox"/> Other		

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase): Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown
 Field observations confirm mapped type? N/A

Profile Description

Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
0-8		7.5 YR 2.5/3			Silt loam	
8-16		10YR 3/1			Silt Clay Loam	
16+					Gravel -Cobble	

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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- Hydrophytic vegetation present? Yes No
- Hydric soils present? Yes No
- Wetland hydrology present? Yes No
- Is the sampling point within a wetland? Yes No

Rationale/Remarks: Negative for all three parameters

NOTES:

Revised 4/97

Ro Line Wetland Determination

DATA FORM 1 (Revised)

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

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture Transect ID: Upland 1 Plot ID: DP 10a
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Explanation of atypical or problem area:	

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>Agropyrum repens</i>	H	>20%	FACU				
<i>Poa Sp</i>	H	>20%	FACU				
<i>Juncus effuses</i>	H	>20%	FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/3 = 33% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? Yes No

Based on: Soil temp (record temp)
 Other (explain) - November/Dec

Depth of inundation: No Inundation

Depth to free water in pit: >14 inches

Depth to saturated soil: >14 inches

Water Marks: Yes No

Drift Lines: Yes No

Oxidized Root (live roots)
Channels <12 in.: Yes No

FAC Neutral: Yes No

Other (explain):

Sediment Deposits: Yes No

Drainage Patterns: Yes No

Local Soil Survey: Yes No

Water-stained Leaves:
 Yes No

Check all that apply & explain below:

- Stream, lake or gage data
 Aerial photographs
 Other

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase) : Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown
 Field observations confirm mapped type? N/A

Profile Description		Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
Depth (inches)	Horizon					
0-6		7.5 YR 2.5/3			Silt loam	
6-14		10YR 3/3			Sandy Clay Loam	
14+					Gravel -Cobble	

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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES:

Revised 4/97

Roane Wetland Determination

DATA FORM 1 (Revised)

WA State Wetland Delineation Manual or 1987 Corps Wetland Delineation Manual

Project/Site: Starlight Property Applicant/owner: Starlight Construction Investigator(s): J.R. Gilbert	Date: December 2006 County: Kittitas State: Wa S/T/R:
Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explanation of atypical or problem area:	Community ID: Herbaceous Pasture Transect ID: Upland 1 Plot ID: DP 11

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>Agropyrum repens</i>	H	>20%	FACU				
<i>Poa Sp</i>	H	>20%	FACU				
<i>Juncus effuses</i>	H	>20%	FACW				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 1/3 = 33% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

- | | |
|--|--|
| <input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation | <input type="checkbox"/> Physiological/reproductive adaptations |
| <input type="checkbox"/> Morphological adaptations | <input type="checkbox"/> Wetland plant database |
| <input type="checkbox"/> Technical Literature | <input checked="" type="checkbox"/> Personal knowledge of regional plant communities |
| | <input type="checkbox"/> Other (explain) |

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? Yes No

Based on: Soil temp (record temp)
 Other (explain) - November/Dec

Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Oxidized Root (live roots) Channels <12 in.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Depth of inundation: No Inundation
 Depth to free water in pit: >14 inches
 Depth to saturated soil: >14 inches

Check all that apply & explain below:
 Stream, lake or gage data
 Aerial photographs
 Other

Other (explain):

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase) : Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown

Field observations confirm mapped type? N/A

Profile Description						Drawing of soil profile (match description)
Depth (inches)	Horizon	Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	
0-8		7.5 YR 2.5/3			Silt loam	
8-14		10YR 3/1			Silt Clay Loam	
14+					Gravel -Cobble	

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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES:

Revised 4/97

Roane Wetland Determination

DATA FORM 1 (Revised)

WA State Wetland Delineation Manual or 1987 Corps Wetland Delineation Manual

Project/Site: Starlight Property	Date: December 2006
Applicant/owner: Starlight Construction	County: Kittitas
Investigator(s): J.R. Gilbert	State: Wa
	S/T/R:

Do normal circumstances exist on the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Community ID: Herbaceous Pasture
Is the site significantly disturbed (atypical situation)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Transect ID: Upland 1
Is the area a potential problem area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Plot ID: DP 12

Explanation of atypical or problem area:

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>Agropyrum repens</i>	H	>20%	FACU				
<i>Poa Sp</i>	H	>20%	FACU				

HYDROPHYTIC VEGETATION INDICATORS:

% of dominants OBL, FACW, & FAC: 0/2 = 0% of Dominants are FAC, FACW, or OBL

Check all indicators that apply and explain below:

<input type="checkbox"/> Visual observation of plant species growing in areas of prolonged inundation/saturation	<input type="checkbox"/> Physiological/reproductive adaptations
<input type="checkbox"/> Morphological adaptations	<input type="checkbox"/> Wetland plant database
<input type="checkbox"/> Technical Literature	<input checked="" type="checkbox"/> Personal knowledge of regional plant communities
	<input type="checkbox"/> Other (explain)

Hydrophytic vegetation present? Yes No

Rationale for decision/Remarks: Less than 50% of Dominants are FAC, FACW, or OBL

HYDROLOGY

Is it the growing season? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Marks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sediment Deposits: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Based on: <input type="checkbox"/> Soil temp (record temp) <input checked="" type="checkbox"/> Other (explain) - November/Dec	Drift Lines: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drainage Patterns: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth of inundation: No Inundation	Oxidized Root (live roots) Channels <12in: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Local Soil Survey: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to free water in pit: >14 inches	FAC Neutral: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water-stained Leaves: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Depth to saturated soil: >14 inches	Other (explain):	

Check all that apply & explain below:

Stream, lake or gage data

Aerial photographs

Other

Wetland hydrology present? Yes No

Rationale for decision/remarks: No Indicators Present

SOILS

Map Unit Name (Series and Phase) : Unknown
 Taxonomy (subgroup)

Drainage Class: Unknown
 Field observations confirm mapped type? N/A

Profile Description		Matrix color (Munsell moist)	Mottle colors (Munsell moist)	Mottle abundance size and contrast	Texture, concretions, structure, etc.	Drawing of soil profile (match description)
Depth (inches)	Horizon					
0-8		7.5 YR 2.5/3			Silt loam	
8-14		10YR 3/3			Silt Clay Loam	
14+					Gravel -Cobble	

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? Yes No

Rationale for decision/Remarks: No primary or Secondary indicators present

Wetland Determination

- | | | |
|---|------------------------------|--|
| Hydrophytic vegetation present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Hydric soils present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Wetland hydrology present? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Is the sampling point within a wetland? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Rationale/Remarks: Negative for all three parameters

NOTES:

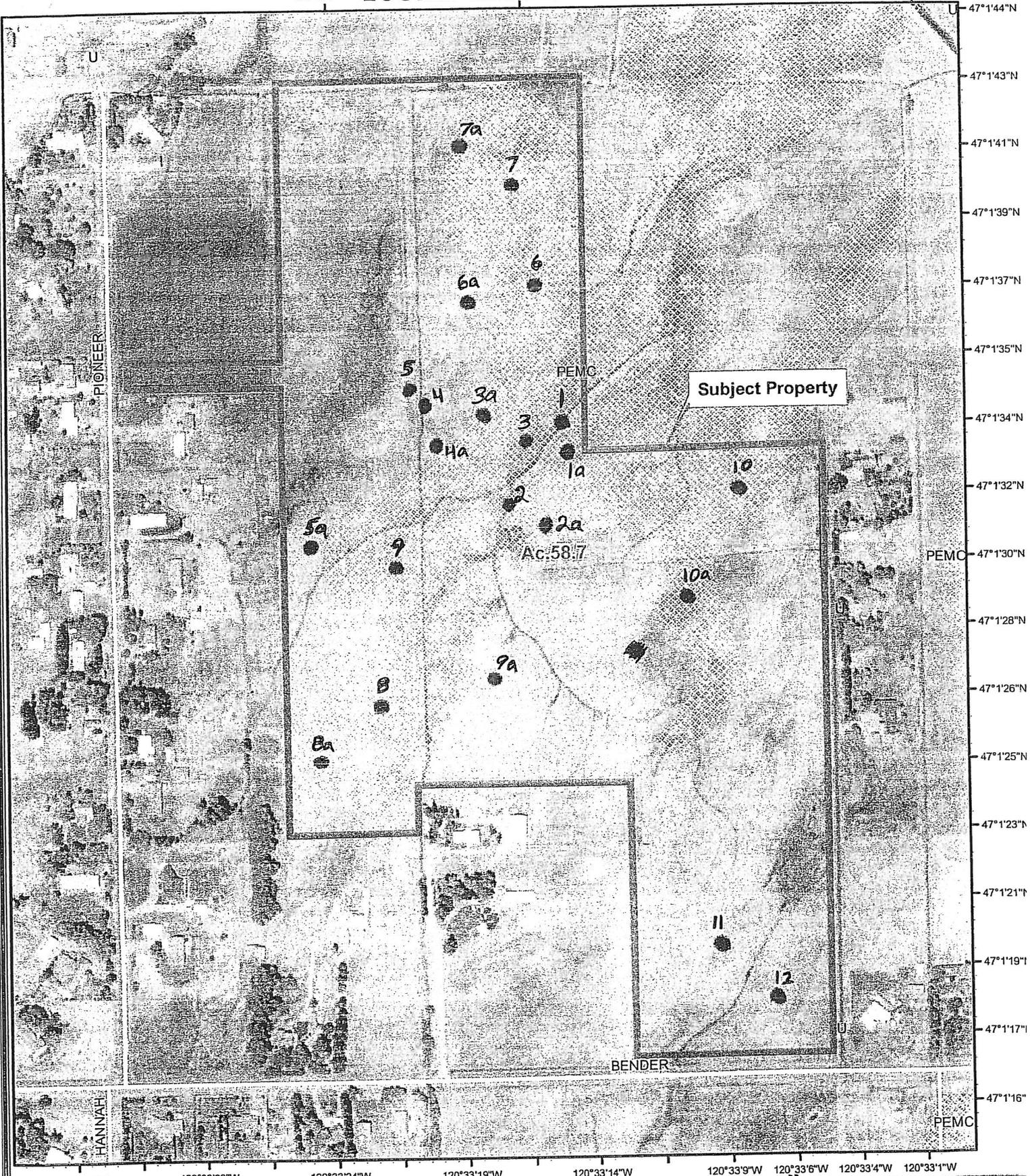
Revised 4/97

Appendix C: Soil Data Points Map

120°33'2"

FIGURE 1b: NWI MAP

120°33'1"W

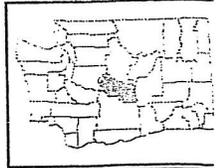
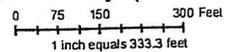


THE WETLAND CORPS



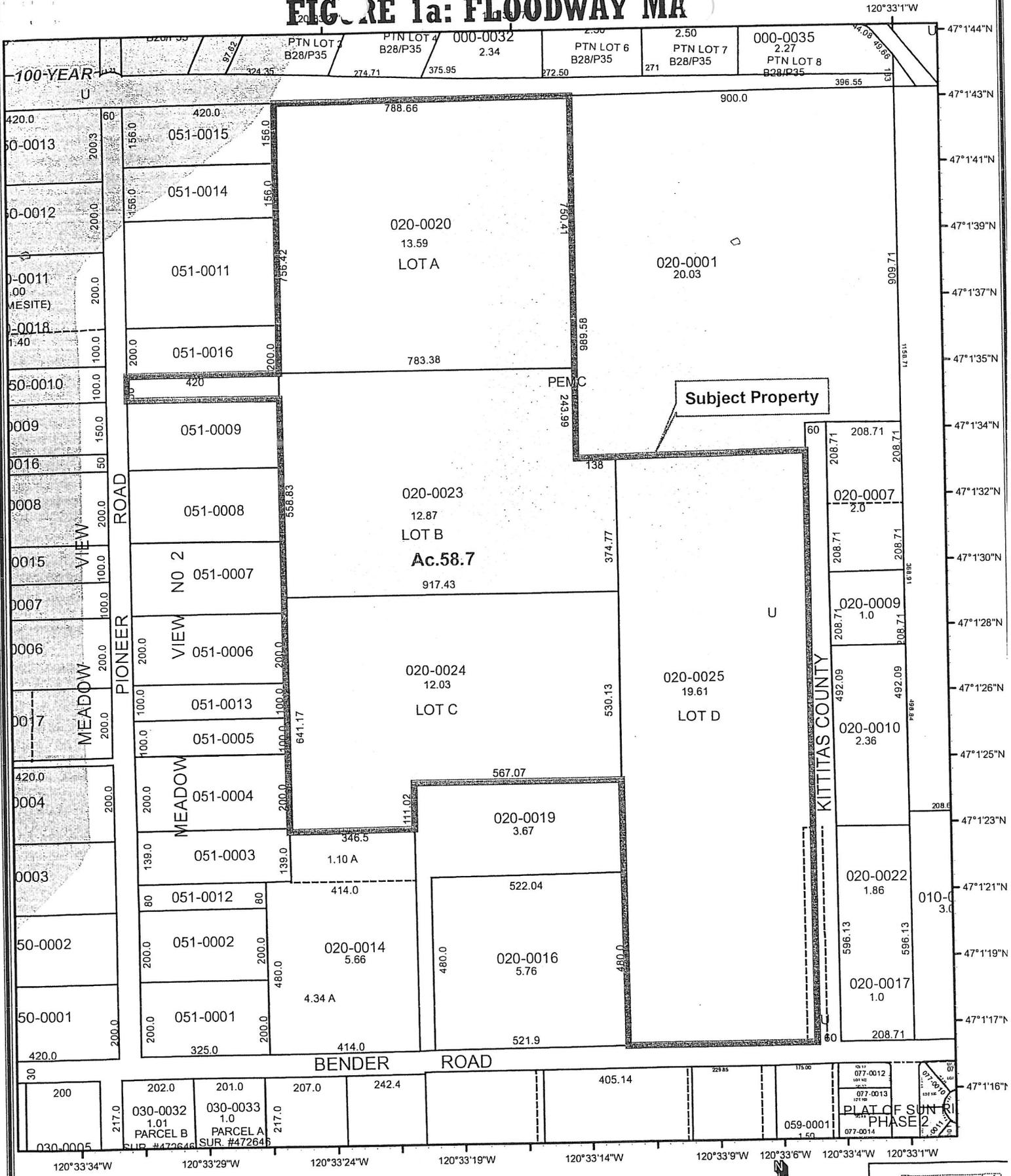
Wetland Delineation Habitat Management Plans Riparian Restoration Mitigation Biological Evaluations
 Eastside Division - (509) 899-0355 Westside Division - (360) 620-0618

FIGURE 1b NWI MAP
 Project Name: Starlight Property
 Location: Ellensburg, Washington
 Project: "C:\Projects\Starlight\NWIMap2.pdf"
 Client: Starlight
 Date: December 2, 2006



Appendix D: Floodway Map

FIGURE 1a: FLOODWAY MA



THE WETLAND CORPS

Wetland Delineation Habitat Management Plans Riparian Restoration Mitigation Biological Evaluations
 Eastside Division - (509) 899-0355 Westside Division - (360) 620-0618



FIGURE 1a FLOODWAY MAP
 Project Name: Starlight Property
 Location: Ellensburg, Washington
 Project: "C:\Projects\Starlight\FloodwayMap1.pdf"
 Client: Starlight
 Date: December 2, 2006

