

KITTITAS COUNTY COMMUNITY DEVELOPMENT SERVICES

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

CDS@CO.KITTITAS.WA.US

Office (509) 962-7506

Fax (509) 962-7682

"Building Partnerships – Building Communities"

SE-18-00005

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals: [help]

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

APPLICATION FEES:

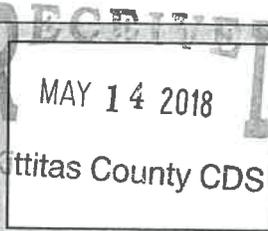
\$600.00 Kittitas County Community Development Services (KCCDS)

\$250.00 Kittitas County Department of Public Works

\$280.00 Kittitas County Public Health

\$1,130.00 Total fees due for this application (One check made payable to KCCDS)

FOR STAFF USE ONLY

Application Received by (CDS Staff Signature): 	DATE: <u>5/14/18</u>	RECEIPT# <u>CD18 - 01051</u> 
DATE STAMP IN BOX		

WAC 197-11-960

Environmental checklist.

RECEIVED
MAY 14 2018
Kittitas County CDS

A. BACKGROUND

1. Name of proposed project, if applicable:

Chimpanzee Sanctuary Northwest Facility Expansion and Access Improvement

2. Name of applicant:

**J.B. Mulcahy, Co-Director
Chimpanzee Sanctuary Northwest**

3. Address and phone number of applicant and contact person:

**PO Box 952, Cle Elum, WA
509-699-0728
jb@chimpsnw.org**

4. Date checklist prepared:

May 14, 2018

5. Agency requesting checklist:

**Kittitas County Community Development Services
Kittitas County Department of Public Works**

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

The project will begin spring/summer 2018 with the construction of a new approximately 800-foot driveway connecting parcels #666734 and #12628. When design and engineering are complete, likely summer 2018, we will begin a separate project to regrade and widen the first ~200 feet of the driveway on Parcel #12628 in order to meet county standards for a joint use driveway. Also in summer 2018, we will begin Phase 1 of the expansion of the chimpanzee facility (2 small chimpanzee enclosures, a chimpanzee treatment area, and laundry and storage areas). Phase 2 (an additional chimpanzee play room) and Phase 3 (an indoor/outdoor chimpanzee enclosure) will proceed when funding is available, likely 2019-2020.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Long-term plans (after 2020) include construction of a small office building for staff involved in the daily care of the chimpanzees and the administration of the organization. This building is planned for Parcel #12628 near the access that we plan to upgrade to county standards but is not yet designed. A wetland classification and delineation was recently completed for the relevant part of this parcel.

The Bonneville Power Administration (BPA), separate and apart from Chimpanzee Sanctuary Northwest (CSNW), plans to construct an access road to their towers through a right-of-way on the south end of our property (Parcel 666734). All permitting and critical area review for this project will be the responsibility of the BPA.

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

A SEPA checklist was submitted in December 2015 in connection with Conditional Use Permit CU-15-00007, which included the chimpanzee building expansion. This conditional use permit will not be vacated but the project is not being pursued as proposed due to changing circumstances (including the recent purchase of three neighboring parcels). This updated checklist is being submitted to cover changes and projects not covered in the conditional use permit, such as the driveway through Parcel #12618. The projects currently underway are consistent with the original Land Use Designations (e.g., animal care) for all parcels and do not require a conditional use permit.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No.

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

**Building Permit (chimpanzee facility)
WSDOT Access Permit (driveway)
Public Works Address and Access Permit (driveway)
Standard Grading Permit (each driveway project)**

Wetland Delineation (driveway)

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The chimpanzee facility expansion will include additional chimpanzee enclosures, treatment area for resident chimpanzees, and laundry and storage areas for chimpanzee care. A new access road through Parcel #12628 will be installed to satisfy WSDOT and Public Works requirements for Parcels #666734 and #12628. An office building for sanctuary staff and small gravel parking area may be constructed on Parcel #12618 when funding is available and if the required setbacks can be met (further study required). The Bonneville Power Administration will construct a new access road from Hwy 10 through Parcel #666734 for access to their towers located on other parcels.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

**25351 Hwy 10, Cle Elum (Parcel #666734)
ACRES 16.55; PTN N1/2 (PTN LOT C3, B23/P11-12)(TAXABLE PORTION
MUST BE SOLD WITH PARCEL 959766), SEC 11, TWP 19, RGE 16**

and

**25571 Hwy 10, Cle Elum (Parcel #12618)
ACRES 21.03, CD. 6691-1; SEC 11, TWP 19, RGE 16; PTN N1/2 (LOT B2,
B23/P11-12)**

See attached Site Plan.

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

Predominately sloped 3% to 17%. Small steep slopes at boundary with Hwy 10 and on the east side of the property (>300 feet from project area).

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

35%

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Sandy clay.

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

No.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

The two buildings will be slab on grade, < 6,000 square feet for all structures combined. Imported structural sand/gravel fill under slab, < 5% fines.

Connecting road will include 6"- to 12"-deep imported rock and gravel, with little excavation. The re-grade of the connection to Hwy 10 on Parcel #12628 will include 1,600 square feet of earth regraded to remove 2-3% slope and topped with 6" to 12" of imported rock and gravel. The apron connecting to Hwy 10 will be paved per WSDOT standards.

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

No.

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

< 0.01% (with existing and new structures and paved areas, roughly 15,000 square feet will be impervious on a project area of 47 acres).

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

Maintaining vegetative cover around construction areas.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

n/a

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

n/a

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

n/a

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 stream or river it flows into.

A Category III wetland has recently been delineated on the parcel (#12628) on which the driveway regrading will occur. The project will maintain a 40' buffer and 5' setback from this wetland.

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.

The wetland consultant has indicated a buffer of 40 feet and a setback of 5 feet for driveway construction near this wetland. See site plan.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

n/a

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

n/a

5) Does the proposal lie within a 100-year flood plain? 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 groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well? Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

< 5,000 gallons per day will be drawn from the existing Group B well located on Parcel #12628 for all parcels and all uses including domestic and animal enclosure cleaning.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; 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.

Domestic sewage, water/detergent used to clean animal enclosures.

Chimpanzee facility expansion will use existing septic tanks (3,000 gallon capacity) and drain field and will serve 10-15 chimpanzees and 2-3 people per day.

Office building would serve 1-2 people per day and would require installation of a new septic system.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including stormwater) 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.

This project will generate minimal runoff. Increased runoff from the chimpanzee facility expansion will be directed to surrounding soils (20+ acres of pastures and woodlands). The driveway projects will include permeable (gravel) media.

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

No.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No.

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

n/a

4. Plants

a. Check the types of vegetation found on the site:

X— Deciduous tree: Alder, maple, (**aspen**), other

X— Evergreen tree: (**Fir**), cedar, (**pine**), other

— Shrubs

X— (**Grass**)

X— (**Pasture**)

— Crop or grain

X— (**Orchards**), vineyards or other permanent crops.

- X— Wet soil plants: (**Cattail**), buttercup, bullrush, 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?

Pasture grass will be removed for slab installation (< 4,000 square feet) and driveway construction (~ 30,000 square feet across all projects).

c. List threatened and endangered species known to be on or near the site.

n/a

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

Disturbed areas adjacent to construction areas will be restored with native pasture grass.

e. List all noxious weeds and invasive species known to be on or near the site.

Canada thistle, knapweed.

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include:

Birds: (**Hawk, heron, eagle, songbirds**), other: **duck**

Mammals: (**Deer**), bear, (**elk**), beaver, other: **ground squirrel**

Fish: **Bass, salmon, trout, herring, shellfish**, other:

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

n/a

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

No.

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

n/a

e. List any invasive animal species known to be on or near the site.

n/a

6. Energy and natural resources

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

Propane for in-slab hydronic heating and on-demand hot water, electricity for lighting and other needs. Solar supplementation if funding is available.

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

No.

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

High-efficiency heating systems (in-slab hydronic, on-demand hot water), daylighting to reduce energy consumption.

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 any known or possible contamination at the site from present or past uses.

n/a

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

n/a

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

n/a

4) Describe special emergency services that might be required.

n/a

5) Proposed measures to reduce or control environmental health hazards, if any:

n/a

b. Noise

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

n/a

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

Construction equipment 8am – 5pm.

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

n/a

8. Land and shoreline use

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

Site is currently being used as a chimpanzee sanctuary. Adjacent properties (> 1,000 feet from project areas) are residential and agricultural. Project will not impact surrounding properties.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If

resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

Part of site has been used as pasture, and this project will reduce the total amount of pasture on the combined 47 acres for the two lots by approximately ½ acre total.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No.

c. Describe any structures on the site.

1,500 square foot residence, 1,800 square foot chimpanzee facility with attached 2-acre play yard, 2,000 square foot old barn, 540 square foot RV shelter (to be removed and possibly rebuilt elsewhere on site), 2 small old outbuildings, 6 small sheds. Also one unoccupied 1,100 square foot residence on Parcel #12628 (house was not permitted by previous owner and will likely be torn down).

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

The 540 square foot RV shelter will be disassembled and removed prior to construction of the chimpanzee facility addition. The unoccupied residence on Parcel 12628 is in the process of being evaluated for possible permitting. If permits cannot be obtained, the house will be demolished.

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

Forest and Range

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

Rural Working

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

Rural, Conservancy

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Pond on Parcel #666734, newly delineated wetland on Parcel #12628.

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

When the chimpanzee facility expansion is complete, we expect to employ approximately 1-2 additional staff per day, for a total of 4-7 people on site each day. Two staff live onsite in the residence.

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

None.

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

n/a

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

A preliminary site analysis has been conducted for Phase 1 of the chimpanzee facility addition. Discussions with CDS staff and a pre-application meeting have been conducted with regard to the new access.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

n/a

9. Housing

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

None.

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

None.

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

n/a

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?

Approximately 25 feet. Exteriors will be mostly cementitious siding and metal roofing.

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

None.

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

n/a

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 cause any significant light or glare issues.

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

No.

c. What existing offsite sources of light or glare may affect your proposal?

n/a

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

n/a

12. Recreation

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

None.

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:

n/a

13. Historic and cultural preservation

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

The dilapidated barn is likely 75-100 years old. The residence was built in 1975. None are listed on preservation registers. Neither will be impacted by the project.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation. This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

WISAARD shows no historic features near the site.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

n/a

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

n/a

14. Transportation

a. Identify public streets and highways serving the site or affected geographic area, and describe proposed access to the existing street system. Show on site plans, if any.

n/a

15. Public services

a. Would the project result in an increased need for public services (for example: Fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

No.

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

n/a

16. Utilities

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

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

The chimpanzee facility expansion may require upgraded electrical service from a transformer on site (Puget Sound Energy) and one additional propane tank (A-1 Propane). The proposed office building would require new electrical service from the existing transformer on Parcel #12618. The existing Group B well would serve all projects.

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:



Name of signee:

John Mulcahy

Position and Agency/Organization:

Co-Director, CSNW

Date Submitted:

5/14/2018

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

n/a

Washington Hwy 10

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

No.

c. How many additional parking spaces would the completed project or nonproject proposal have? How many would the project or proposal eliminate?

The project would add approximately 10 parking spaces. None would be eliminated.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

No.

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

No.

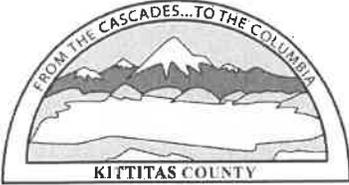
f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

The project will have minimal impact on trip generation. We expect to hire 2 additional staff, who will remain on site throughout the work day. Commercial traffic on site is limited to package delivery.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No.

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



**KITITITAS COUNTY
COMMUNITY DEVELOPMENT SERVICES**

Receipt Number: CD18-01051

411 N. Ruby St., Suite 2
Ellensburg, WA 98926
509-962-7506 / <https://www.co.kittitas.wa.us/cds/>

Payer/Payee: CHIMPANZEE SANCTUARY NORTHWEST
PO BOX 952
CLE ELUM WA 98922-0952

Cashier: STEPHANIE MIFFLIN
Payment Type: CHECK (4152)

Date: 05/14/2018

SE-18-00005 SEPA		25351 HWY 10 CLE ELUM		
<u>Fee Description</u>	<u>Fee Amount</u>	<u>Amount Paid</u>	<u>Fee Balance</u>	
SEPA Review (PW)	\$250.00	\$250.00	\$0.00	
SEPA Checklist (Health)	\$280.00	\$280.00	\$0.00	
SEPA Checklist	\$600.00	\$600.00	\$0.00	
SE-18-00005 TOTALS:	\$1,130.00	\$1,130.00	\$0.00	
TOTAL PAID:		\$1,130.00		



May 9, 2018

Chimpanzee Sanctuary NW
Attn: J. B. Mulcahy
25351 Hwy 10
Cle Elum, WA 98922

RE: Critical Area Checklist for Chimpanzee Sanctuary NW Driveway Replacement

Portions of the KCC are provided in *italics*, with responses provided in normal text underneath:

17A.03.035 Critical area checklist and required information.

Critical area checklist and required information. An applicant is required to submit a checklist of critical area information before commencement of all land use activities which are subject to this chapter. This information shall be used in processing all other site related development permits and approvals. Development may be required to be modified or may be conditioned to meet the requirements of this chapter. The checklist shall contain the following information:

1. *Legal description of the land, and assessor's parcel number.*

Parcel 12628 legal description:

CRES 21.03, CD. 6691-1; SEC. 11, TWP. 19, RGE. 16; PTN. N1/2 (LOT B2, B23/P11-12)

Parcel 666734 legal description:

ACRES 16.55; PTN N1/2 (PTN LOT C3, B23/P11-12)(TAXABLE PORTION MUST BE SOLD WITH, PARCEL 959766), SEC 11, TWP 19, RGE 16

2. *As defined herein, the location of the following, if applicable:*

1. *Wetlands;*

Two Category III wetlands (A and C) and one Category IV wetland (B) are present within the investigation area east of the proposed driveway construction site. Wetland A is located entirely on parcel 12628. Wetlands B and C are located across the boundary of parcels 12628 and 666734.

2. *Erosion hazard areas;*

Not applicable.

3. *Floodplains and floodways;*

Not applicable.

4. *Riparian habitat;*

No area meets the definition of riparian habitat in the investigation area.

5. *Geologically hazardous areas;*

Not applicable in the investigation area.

6. *Landslide hazard areas;*

Not applicable.

7. *Mine hazard areas;*

Not applicable.

8. *Seismic hazard areas;*

Not applicable.

9. *Streams and rivers.*

No area meets the definition of a stream (or river) in the investigation area.

3. *Any voluntary methods or activities anticipated by the applicant pertaining to critical areas, including incentives being offered by local or state government.*

The driveway has been designed to avoid on-site critical areas and associated buffers.

4. *Duplicate plans drawn to scale showing the nature, location, dimensions and elevations of the area in question, including existing or proposed structures, estimated amounts of fill material, drainage facilities, significant natural features, and the location of the above items, if applicable. Survey quality documents will not normally be required.*

Please see construction plans from Encompass Engineering.

5. *The requirement for delineating the location of possible critical areas will be waived if field investigation by county staff indicates the following:*

1. *Sufficient information exists for staff to estimate the boundaries of any critical areas without a delineation by the applicant; or*
2. *No structures and uses, except for exempt activities, are proposed to be located within any possible critical area.*

Critical areas (wetlands) were delineated in the areas surrounding the proposed driveway construction project.

6. *Subject to field investigation by county staff, or other reliable and relevant information, the information submitted by the applicant shall be presumed valid for all purposes under this chapter. (Ord. 94-22 (part), 1994).*



CRITICAL AREA STUDY

FOR

CHIMPANZEE SANCTUARY NW
DRIVEWAY REPLACEMENT
KITTITAS COUNTY, WA

Wetland Resources, Inc. Project #18059

Prepared By
Wetland Resources, Inc.
9505 19th Avenue SE, Suite 106
Everett, WA 98208
(425) 337-3174

Prepared For
Chimpanzee Sanctuary NW
Attn: J.B. Mulcahy
PO Box 952
Cle Elum, WA 98922

May 9, 2018

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1.0 INTRODUCTION

Wetland Resources, Inc. (WRI) performed a site investigation on March 22, 2018 to locate environmentally critical areas in the vicinity of a proposed driveway location. The investigation area is located at 25351 Hwy 10 in Kittitas County, Washington (Kittitas County tax parcels: 12628 and 666734). The Public Land Survey System (PLSS) locator for the subject property is Section 11, Township 19N, Range 16E, W.M.

The subject site is accessed from the west via a pair of existing driveways off of Hwy 10, and is currently developed as an existing chimpanzee Sanctuary with associated residential, staff, and storage buildings. Historic farm structures and land development are also present on the subject parcels. Surrounding land use is agricultural and timber. Bordering the site on the west is the Yakima River separated by Hwy 10, to the north and east are timber areas that have been cleared in recent years due to wildland fires, and to the south is agricultural land used for livestock. The subject parcels no longer support agricultural practices, which used to occur on the property, and the residence in the northern portion of the site is vacant. The Topography of the site is relatively flat in the areas of the proposed project work, but has a moderate to steep western aspect over most of the property as the land slopes down to the Yakima River.



Figure 1: Aerial view of the subject property existing conditions.

Two Category III wetlands (A and C) and one Category IV wetland (B) are present within the investigation area east of the proposed driveway construction site (see map in *Appendix C*). An additional hydric area has formed due to seepage from an upslope irrigation pond within Wetland C, and thus does not qualify as a regulated wetland pursuant to KCC 17A.02.310. All of the critical areas are in close association with one another (due to their past irrigation function for agricultural use), and lie east and southeast of the adjacent project area. No other environmentally critical areas, priority species habitat, or species of local importance are present on or adjacent to the investigation area.

Pursuant to Kittitas County Code (KCC) 17A.04.020, Category III wetlands over 10,000 square feet typically receive buffers 20 to 80 feet wide depending on several site and project considerations. Category IV wetlands over 43,560 square feet (1 acre) typically receive buffers up to 25 feet wide. KCC 17A.04.045 stipulates that building setback lines, equal to the side yard setback for a given zoning district, extend from the edge of wetland buffers. The subject site is located within the Forest and Range District, with a setback width of 10 feet (KCC 17.56.060).

The area west of the northernmost wetland (Wetland A) is highly disturbed from past land use activities, is composed of fill material, and lacks vegetative cover. This area is unable to provide or enhance the protection of Wetland A, and is not an integral part of the critical area. Therefore, the area west of Wetland A does not meet the definition of Buffer, per KCC 17A.02.050.

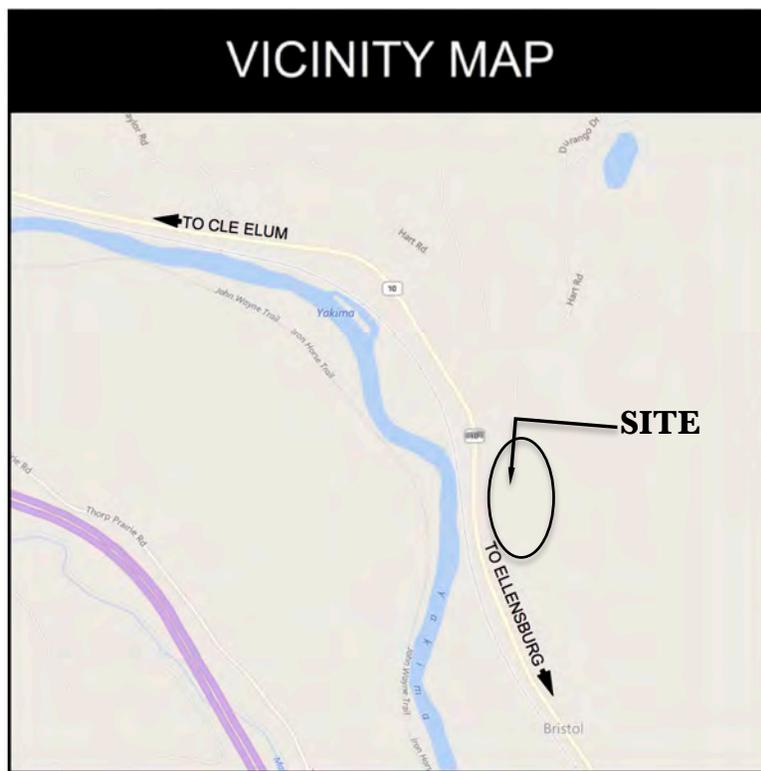


Figure 2: Vicinity map of the investigation area.

1.1 PROJECT DESCRIPTION

Chimpanzee Sanctuary NW, hereafter referred to as the applicant, is proposing to construct a driveway for continued access to their chimpanzee care facility. Currently, access is granted via the existing driveway entering parcel # 666734, which is the southern of the two existing driveways extending from Hwy 10. As a requisite of necessary updates that are proposed to the chimp housing facility, Kittitas Public works is requiring that the applicant abandon this southern driveway due to sightline safety considerations associated with that segment of the highway. A new access driveway is necessary as part of the maintenance of existing facilities on the subject

property. As such, construction of a replacement access driveway is an allowed use under KCC 17A.04.040.

The proposed new driveway will spur off of the existing northern driveway, extend south/southwest across the property, and link to the existing facility parking area currently served by the southern access.

As discussed in the analysis of necessary critical area protections in *section 3.0* below, the recommended buffer widths for these aquatic features vary by the condition of their associated critical area. The driveway location has been designed to avoid the adjacent on-site critical areas and associated buffers. No wetland or buffer impacts will result from construction of the proposed access driveway. Building setback areas do not apply to driveways.

2.0 CRITICAL AREAS DETERMINATION

2.1 REVIEW OF EXISTING INFORMATION

Prior to conducting the site investigation, public resource information was reviewed to gather background information on the subject property and the surrounding area in regards to wetlands, streams, and other critical areas. These sources included:

- United States Fish and Wildlife Service National Wetlands Inventory (NWI): The NWI identifies a diked/impounded permanently flooded pond approximately 250 feet southeast of the proposed project area. This mapped feature is the irrigation pond constructed within Wetland C. Additionally, an intermittent stream is mapped flowing approximately east-west just south of the identified pond. However, this feature is not present. Portions of this mapped area do comprise a portion of Wetland C, but the mapped feature is most likely referring to sheet flow/possible slope wetland that is the primary hydrologic source of the wetlands delineated during our field investigation. This area is outside of the range of this investigation.
- StreamNet Mapper: The pond within Wetland C is mapped. No streams are identified.
- Washington Department of Natural Resources Forest Practices Application Mapping Tool: The constructed pond on Wetland C is identified as a non-fish water. An “unknown stream” is identified in the higher elevation portion of the areas mapped as a stream by NWI. This area is the surface flow that primarily sources the hydrology of the delineated wetlands.
- USDA/NRCS Web Soil Survey: The Web Soil Survey indicates that the investigation area is underlain by Squak-Qualla Complex, 5 to 15 percent slopes.
- Washington Department of Fish and Wildlife (WDFW) SalmonScape Interactive Mapping System: Several salmonid species use the nearby Yakima River. However no streams or waterways connect with the critical areas within the investigation area. Also, hydrology of these features is constrained to the site, isolating the wetlands.
- WDFW Priority Habitat and Species (PHS) Interactive Map: The PHS Interactive Map does not show any wetlands or streams on the subject property. Several priority species are mapped on the subject property. However, certain high-profile species have mapped habitats

that encompass entire township-range quadrants, and are not specific to a given area. Thus, while habitat polygons for both Northern Spotted Owl (*Strix occidentalis*) and gray wolf (*Canis lupis*) are depicted, these broad expanses are “masked areas” intended to keep the locations of these species intentionally vague. Given the highly disturbed site conditions present on the subject parcels, habitat for these species is not present. Additionally, the Yakima River and several major roads (including Interstate 90) lie between the subject property and the vast majority of the masked area. Mule deer (*Odocoileus hemionus hemionus*) habitat is mapped in the investigation area.

2.2 CRITICAL AREAS DETERMINATION METHODOLOGY

Wetland Resources staff conducted a site visit on March 22, 2018 to locate any streams, lakes, and wetlands occurring within and near the project site.

Ordinary High Water Mark (OHWM) boundaries of lakes, streams, and marine waters are determined through use of methodology presented in The Washington State Department of Ecology document *Determining the Ordinary High Water Mark for Shoreline Management Act Compliance in Washington State* (Anderson et al 2016). Designation of streams and lakes is consistent with the water typing system established in the Washington Administrative Code (WAC) 222-16-030.

Wetland boundaries were determined using the routine approach described in the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region (Version 2.0)* (U.S. Army Corps of Engineers 2010). Under the routine methodology, the process for making a wetland determination is based on three steps:

- 1.) Examination of the site for hydrophytic vegetation (species present and percent cover);
- 2.) Examination of the site for hydric soils;
- 3.) Determining the presence of wetland hydrology

The following criteria must be met in order to make a positive wetland determination:

2.2.1 Hydrophytic Vegetation Criteria

The Corps Manual and 2010 Regional Supplement define hydrophytic vegetation as “the assemblage of macrophytes that occurs in areas where inundation or soil saturation is either permanent or of sufficient frequency and duration to influence plant occurrence.” Field indicators are used to determine whether the hydrophytic vegetation criteria have been met. Examples of these indicators include, but are not limited to, the rapid test for hydrophytic vegetation, a dominance test result of greater than 50%, and/or a prevalence index score less than or equal to 3.0.

2.2.2 Soils Criteria and Mapped Description

The 2010 Regional Supplement (per the National Technical Committee for Hydric Soils) defines hydric soils as soils “that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part.” Established field indicators are used to determine whether a given soil meets the definition for hydric soils. Indicators are numerous and include, but are not limited to, presence of a histosol or histic epipedon, a sandy gleyed matrix, depleted matrix, and redoximorphic features.

According to NRCS Web Soil Survey, the soil map unit Squak-Qualla Complex, 5 to 15 percent slopes, is predicted to occur in the investigation area.

2.2.3 Hydrology Criteria

Wetland hydrology encompasses all hydrologic characteristics of areas that are periodically inundated or have soils saturated to the surface for a sufficient duration during the growing season. Areas with evident characteristics of wetland hydrology are those where the presence of water has an overriding influence on the characteristics of vegetation and soils due to anaerobic and chemically reducing conditions, respectively. The strongest indicators of these conditions include the presence of surface water, a high water table, and/or soil saturation within at least 12 inches of the soil surface.

2.3 BOUNDARY DETERMINATION FINDINGS/RESULTS

Based on the results of the site investigation, three wetlands (Wetlands A, B, and C) are located in the investigation area. Wetlands were classified pursuant to KCC 17A.04.010.

Streams, lakes, marine waters, and wetlands are additionally classified using the U.S. Fish and Wildlife Service (USFWS) document, *Classifications of Wetlands and Deepwater Habitats of the United States* (Cowardin et al. 1979), also known as the “Cowardin Classification System.” Single regulated aquatic features can be comprised of multiple units with different Cowardin classifications; the primary Cowardin units comprising assessed features are listed in these results. The U.S. Army Corps of Engineers manual, *A Hydrogeomorphic Classification for Wetlands* (Brinson 1993), or HGM system, is also used for further wetland classification.

KCC 17A.04.010 is non-specific regarding the methodology for rating wetlands. For this report, wetland categories were determined through application of the *Washington State Wetland Rating System for Western Washington: 2014 Update* (Hruby 2014). Several of the questions within this system pertain to the current land uses surrounding a wetland unit. While the surrounding conditions of the on-site wetlands have the form of relatively intense land uses (i.e. agricultural, residential), these areas are not presently used in this manner. The Washington Wetland Rating systems assesses the value of wetland units based on current existing conditions.

The applicant acquired the subject parcels to build and operate the on-site chimpanzee facility, and does not use the areas surrounding the delineated wetlands for agricultural uses. Additionally, the residence located east of Wetland A is vacant due to permitting issues instigated by the previous landowner. Therefore, the areas around the wetland are rated based on their

current level of land use as directed by the rating system, which may not appear consistent with aerial imagery of the investigation area. For example, for Wetland A we answered question D 2.2 as no because the current land uses within 150 feet of the wetland edge do not generate pollutants.

2.3.1 Wetland A

Rating: Category III

Size: Approximately 21,629 S.F. (~0.50 acres)

Cowardin Classification:

- Palustrine, Aquatic Bed, Permanently Flooded (PABH)
- Palustrine, Emergent, Persistent, Seasonally Flooded/Saturated (PEM1E)

HGM Class: Depressional

Recommended Buffer: 40 feet

Wetland A receives 18 total points based on functions. Wetlands that score between 16 and 18 total points are rated as Category III. Wetlands of this category typically receive buffers 20 to 80 feet wide depending on several site and project considerations (per KCC 17.04.020).

The majority of Wetland A is an artificially constructed irrigation pond that receives hydrology from upslope natural waters. The location of the pond is at a position either where natural hydrology would have collected, or that intercepts and impounds that natural hydrology. Therefore the irrigation pond portion of Wetland A is regulated as part of the wetland unit, given that the present hydrology is not derived from artificial irrigation sources.

The dominant vegetation within Wetland A was cattail (*Typha latifolia*; OBL). A mix of other hydric vegetation species are sporadically present in lower densities. All of the dominant species within the wetland have an indicator status of facultative (FAC) or wetter, which meets the hydrophytic vegetation criteria per the Corps Manual and the 2010 Regional Supplement.

Soils within the wetland are generally a black (10YR 2/1) silty clay loam to a depth of at least 18 inches below the surface. Very dark gray (10YR 3/1) and dark brown (7.5YR 3/3) redoximorphic features are present starting at 7 inches below the surface. Soil colors were determined with Munsell soil color charts. These soil conditions meet the Redox Dark Surface (F6) wetland soil indicator.

Sampled soils were saturated to the surface at the time of investigation, meeting the Saturation (A3) wetland hydrology indicator. The Geomorphic Position (D2) wetland hydrology secondary indicator is also met.

Given that the area identified as Wetland A has a hydrophytic vegetative community present and meets soil and hydrology wetland indicators, this area meets the definition of a wetland.

2.3.2 Wetland B

Rating: Category IV

Size: Approximately 2,349 S.F. (~0.05 acres)

Cowardin Classification:

- Palustrine, Emergent, Persistent, Permanently Flooded (PEM1H)

HGM Class: Slope

Recommended Buffer: None (does not meet size requirement of KCC 17A.04.020)

Wetland B receives 13 total points based on functions. Wetlands that score between 9 and 15 total points are rated as Category IV. Wetlands of this category typically receive buffers up to 25 feet wide depending on several site and project considerations (per KCC 17.04.020).

Wetland B is a small, linear slope wetland present between Wetland A and C. The hydrology of this wetland is sourced from the outlet of Wetland C, and is subsequently transported across and through the surface of Wetland B to its northern terminus where it outlets into Wetland A.

This linear wetland does not meet the definition of a stream according to WAC 222-16-030, which is the adopted system of Kittitas County. As such, this area is not riparian habitat as defined by KCC 17A.02.250 or 17A.07.010.

The dominant vegetation within Wetland B was cattail (*Typha latifolia*; OBL). Several other hydric vegetation species are sporadically present along the hill slope in lower densities. All of the dominant species within the wetland have an indicator status of facultative (FAC) or wetter, which meets the hydrophytic vegetation criteria per the Corps Manual and the 2010 Regional Supplement.

Soils within the wetland are generally a greenish black (10Y 2.5/1) silty clay loam to a depth of at least 16 inches below the surface, with dark yellowish brown (10YR 3/4) redoximorphic features. These soil conditions meet the Redox Dark Surface (F6) wetland soil indicator.

The water table was at the surface at the time of investigation, meeting both the High Water Table (A2) and Saturation (A3) wetland hydrology indicators.

Given that the area identified as Wetland B has a hydrophytic vegetative community present and meets soil and hydrology wetland indicators, this area meets the definition of a wetland.

2.3.3 Wetland C

Rating: Category III

Size: Approximately ~32.045 (~0.74 acre)

Cowardin Classification:

- Palustrine, Emergent, Persistent, Permanently Flooded (PEM1H)
- Palustrine, Aquatic Bed, Permanently Flooded (PABH)

HGM Class: Depressional

Recommended Buffer: 50 feet

Wetland A receives 18 total points based on functions. Wetlands that score between 16 and 18 total points are rated as Category III. Wetlands of this category typically receive buffers 20 to 80 feet wide depending on several site and project considerations (per KCC 17.04.020).

Wetland C is a relatively large depressional wetland that has developed from natural surface hydrology stemming from an upslope spring to the east. As is the case with Wetland A, this wetland has been modified in the past to serve an irrigation function through construction of an irrigation pond in its westernmost portion. Thus, the hydroperiod of this constructed area has been altered to a permanently flooded condition versus the saturated state of the rest of the wetland. Hydrology outlets from both the irrigation pond and saturated portions of the wetland into Wetland B.

Dominant vegetation within Wetland C consists of Scouler's Willow (*Salix scouleriana*; FAC) and lemmon's willow (*Salix lemmonii*; FACW). All of the dominant species within the wetland have an indicator status of facultative (FAC) or wetter, which meets the hydrophytic vegetation criteria per the Corps Manual and the 2010 Regional Supplement.

Soils within the wetland are generally a black (10YR 2/1) silt loam to a depth of at least 18 inches below the surface. Yellowish brown (10YR 5/4) and dark brown (7.5YR 3/4) redoximorphic features are present starting at 4 inches below the surface. These soil conditions meet the Redox Dark Surface (F6) wetland soil indicator.

Sampled soils were saturated to a depth of 5 inches at the time of investigation, meeting the Saturation (A3) wetland hydrology indicator. The Geomorphic Position (D2) wetland hydrology secondary indicator is also met.

Given that the area identified as Wetland C has a hydrophytic vegetative community present and meets soil and hydrology wetland indicators, this area meets the definition of a wetland.

2.3.4 Hydric Area D

An area referred to as "Hydric Area D" within this report has formed at the base of a slope on top of which the irrigation pond portion of Wetland C is perched. The sloped area separating Wetland C and Hydric Area D has upland conditions and clearly does not meet wetland criteria. The hydrologic source that has formed Hydric Area D is seepage from the irrigation pond above. Although this pond is part of Wetland C, the artificial construction of this irrigation feature within Wetland C significantly changed the hydroperiod from a saturated only condition to one of being permanent flooded. The artificially induced permanently flooded condition of the pond has created seepage that is intrinsic to the irrigation properties of the constructed pond. As detailed in KCC 17A.02.310, seepage is a reasonable and expected result inherent to such irrigation systems, and conditions formed from this hydrology do not constitute a wetland under the KCC. As the hydrology that has created the conditions within Hydric Area D are present only due to construction of a historic irrigation feature, and no surface water connection to this area exists, the area referred to as Hydric Area D is not a regulated wetland in Kittitas County.

2.3.5 Non-wetland Site Conditions

Dominant vegetation adjacent to wetland areas is represented by a mix of facultative grasses and woody plant species. Species such as wood-sorrel (*Oxalis* spp.; FACU), bent grass (*Agrostis* spp.; FAC), oxeye daisy (*Leucanthemum vulgare*; UPL), and willows (*Salix* spp.; FAC) create a vegetative matrix that meets hydrophytic indicators in some areas.

Typical soils on the subject site are very dark brown (10YR 2/2) to dark brown (10YR 3/2) silty clay loam and sandy loam. in the upper 8 inches of the soil profile and dark yellowish brown (10YR 3/4) sandy loam between 8 and 18 inches in depth. No redoximorphic features were observed. This soil profile does not meet any hydric soil indicators.

Indicators of wetland hydrology were not observed on the subject property. All sampled soils were dry at the time of investigation. Redoximorphic features were not observed outside of wetland areas. These soil conditions do not meet any hydric indicators.

Soils were dry to slightly moist during our March 2018 site investigation, which does not meet wetland hydrology indicators. Given the lack of wetland soil and hydrology, the facultative vegetation areas that exist outside of the delineated wetlands are not hydrophytic. Areas identified as non-wetland do not meet wetland criteria.

2.4 WILDLIFE

The subject site provides low to moderate habitat functions. This property has been significantly degraded through past agricultural practices. Soils near wetlands A and B have been highly disturbed with past fill and construction activities. Forested vegetation was removed to create fields for livestock, and due to the low to moderate structural diversity on the subject site, overall wildlife use is limited.

The following are typical avian species that may utilize this habitat: American Crow (*Corvus brachyrhynchos*), American Robin (*Turdus migratorius*), Black-capped Chickadee (*Poecile atricapillus*), Common Raven (*Corvus corax*), Dark-eyed Junco (*Junco hyemalis*), Pacific Wren (*Troglodytes pacificus*), Song Sparrow (*Melospiza melodia*), and Steller's Jay (*Cyanocitta stelleri*). Mammalian species that may utilize this site include: deer mice (*Peromyscus maniculatus*), eastern cottontail rabbits (*Sylvilagus floridanus*), moles (*Scapanus* spp.), raccoons (*Procyon lotor*), shrews (*Sorex* spp.), skunks (*Mephitis* spp.), squirrels (*Sciurus griseus*, *Sciurus carolinensis*, *Tamiasciurus douglasii*), black-tailed deer (*Odocoileus hemionus columbianus*), and Virginia opossums (*Didelphis virginiana*). This list is not intended to be all-inclusive, and may omit some bird, mammal, or amphibian species that utilize the site.

As discussed in section 2.1, although habitat for both Northern Spotted Owl (*Strix occidentalis*) and gray wolf (*Canis lupis*) are depicted, these broad expanses are “masked areas” intended to keep the locations of these species intentionally vague. Given the highly disturbed site conditions present on the subject parcels, habitat for these species is not present. The subject site lacks important life history requirements necessary for these species (such as large tracts of old growth coniferous forest). Additionally, the Yakima River and several major roads (including Interstate 90) lie between the subject property and the vast majority of the masked area.

Mule deer habitat is mapped in the investigation area. Evidence of some use by deer species was observed on the site during the investigation. However, mule deer are not a species of concern. They are not threatened or endangered at the state or federal level.

Given the lack of endangered, threatened, or sensitive priority species use of the property, no priority species habitat is present as defined in KCC 17A.07.020.

3.0 RECOMMENDED CRITICAL AREA PROTECTIONS

3.1 DETERMINATION OF RECOMMENDED BUFFER WIDTHS

In Kittitas County, wetlands of certain category and size receive a buffer width falling within a given range. These ranges are stipulated in KCC 17A.04.025, which are provided below:

Category	Size of Wetland	Required Buffer
I	any size	50 – 200 feet
II	Over 2,000 sq. ft.	25 – 100 feet
III	Over 10,000 sq. ft.	20 – 80 feet
IV	43,560 sq. ft. (1 acre)	Building setbacks will be determined by the zoning lot line setbacks, but shall not exceed 25 feet.

The specific width of a wetland buffer is dependent upon several site and project considerations. These considerations, which are enumerated in KCC 17A.04.025, have been used to determine recommended buffer widths. Discussion of these width determinations are provided below for each wetland.

3.1.1 Wetland A Buffer Width

As Wetland A has a Category III rating and is over 10,000 square feet, its associated buffer must have a width between 20 and 80 feet. The following considerations (from KCC 17A.04.025) were used to make this determination:

Portions of the KCC are provided in *italics*, with responses provided in normal text underneath.

The wetland buffer ranges have been established to reflect the impact of certain intense land uses on wetland function and values. The director shall base the buffer size on the following criteria and shall establish the least restrictive width of buffer necessary to account for all of the following considerations:

- 1. The overall intensity of the proposed use;*

The proposed driveway will be placed near the western edge of this wetland, in an area that is already highly degraded due to past fill and a lack of vegetative cover. Given these conditions, the proposed construction area does not meet the definition of buffer (per KCC 17A.02.050) and does not provide any significant functions for the in-site critical areas. Additionally, the proposed driveway replaces existing access to the site, and is not expected to increase traffic to the area. As such, intensity of the proposed use is considered to be negligible.

2. The presence of threatened, endangered, or sensitive species;

As discussed in section 2.4, threatened, endangered, and sensitive species are not expected to use the investigation area as habitat. On-site conditions do not provide life history requirements for the listed species known to use nearby areas. The area west of Wetland A is highly degraded, and does not meet the current definition of buffer. Considering the above, this wetland and its associated buffer are not used by threatened, endangered, or sensitive species.

3. The site's susceptibility to severe erosion;

The area adjacent to Wetland A appears relatively stable, and is not steeply sloped. Erosion risk is minimal.

4. The use of a buffer enhancement plan by the applicant which uses native vegetation or other measures which will enhance the functions and values of the wetland or buffer.

No such enhancement is proposed. The proposed driveway installation will limit construction activities to an area west of the critical areas that are already highly degraded and do not meet the definition of buffer. No functions or values are being significantly disturbed by the proposed activity.

Buffer Width Recommendation

Given the above considerations, we recommend a buffer width equal to half the maximum (80 feet \div 2 = 40 feet) for the currently highly disturbed wetland. With enhancement of adjacent buffer conditions, the Wetland A buffer could be reduced to the minimum width (20 feet) due to functional lifts provided by native vegetative structure.

Enhancement is not proposed, thus the buffer will remain at a width of 40 feet. The proposed driveway will avoid the buffer completely, avoiding any impacts.

3.1.2 Wetland B Buffer Width

Wetland B has a Category IV rating, but is less than an acre in size. As such, this wetland does not meet the size criteria for a required buffer stipulated in 17A.04.020. Therefore, Wetland B receives no buffer.

3.1.3 Wetland C Buffer Width

As Wetland C has a Category III rating and is over 10,000 square feet, its associated buffer must have a width between 20 and 80 feet. The following considerations (from KCC 17A.04.025) were used to make this determination:

Portions of the KCC are provided in *italics*, with responses provided in normal text underneath.

The wetland buffer ranges have been established to reflect the impact of certain intense land uses on wetland function and values. The director shall base the buffer size on the following criteria and shall establish the least restrictive width of buffer necessary to account for all of the following considerations:

1. The overall intensity of the proposed use;

The proposed driveway will not be constructed adjacent to this wetland. Existing residential conditions will continue to the west of the wetland, maintaining the current intensity of land use. Overall, intensity of land use in this area is low. The area abutting Wetland C is partially degraded due to past land use activities.

2. The presence of threatened, endangered, or sensitive species;

As discussed in section 2.4, threatened, endangered, and sensitive species are not expected to use the investigation area as habitat. On-site conditions do not provide life history requirements for the listed species known to use nearby areas. Considering the above, this wetland and its associated buffer are not used by threatened, endangered, or sensitive species.

3. The site's susceptibility to severe erosion;

The areas adjacent to Wetland C appear relatively stable. A steeply sloped area is present abutting the southeast corner of this wetland. Erosion risk is relatively low.

4. The use of a buffer enhancement plan by the applicant which uses native vegetation or other measures which will enhance the functions and values of the wetland or buffer.

No such enhancement is proposed. The proposed driveway installation will not occur adjacent to this wetland. No functions or values are being significantly disturbed by the proposed activity.

Buffer Width Recommendation

Given the above considerations, we recommend a buffer width of 50 feet for this disturbed wetland. The wetland is disturbed, but to a lesser degree than Wetland A. With enhancement of buffer conditions, the Wetland C buffer could be reduced to 30 feet due to functional lifts provided by native vegetative structure.

Enhancement is not proposed, thus the buffer will remain at a width of 50 feet. The proposed driveway will avoid the buffer completely, avoiding any impacts.

4.0 USE OF THIS REPORT

This Critical Area Study is supplied to Chimpanzee Sanctuary NW, as a means of determining the presence of on-site wetlands, lakes, and streams, as well as to determine appropriate critical area buffer widths, as required by Kittitas County during the permitting process. This report is based largely on readily observable conditions and, to a lesser extent, on readily ascertainable conditions. No attempt has been made to determine hidden or concealed conditions. The laws applicable to environmentally critical features are subject to varying interpretations and may be changed at any time by the courts or legislative bodies. This report is intended to provide information deemed relevant in the applicant's attempt to comply with the laws now in effect.

The work for this report has conformed to the standard of care employed by wetland ecologists. No other representation or warranty is made concerning the work or this report, and any implied representation or warranty is disclaimed.

Wetland Resources, Inc.



Scott Walters, PWS
*Associate Wetland Ecologist
& Wildlife Biologist*

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APPENDIX A

US ARMY CORPS OF ENGINEERS
WETLAND DETERMINATION DATA FORMS

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WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: 25351 Hwy 10 City/County: Cle Elum Sampling Date: 3/22/18
 Applicant/Owner: Chimpanzee Sanctuary NW State: WA Sampling Point: S1
 Investigator(s): S. Walters & J. Mallahan Section, Township, Range: S11, T19, R16E W.M.
 Landform (hillslope, terrace, etc.): depression and hillslope Local relief (concave, convex, none): concave Slope (%): varies
 Subregion (LRR): LRR-A Lat: 47.1578612 Long: -120.8055295 Datum: NAD83
 Soil Map Unit Name: Swauk-Qualla complex, 5 - 15% NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Remarks: Inside Wetland A	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status		
Tree Stratum (Plot size: 5m ²)					
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)	
2. _____	_____	_____	_____		
3. _____	_____	_____	_____		
4. _____	_____	_____	_____		
_____	_____	_____	_____		
0 = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = 0 FACW species _____ x 2 = 0 FAC species _____ x 3 = 0 FACU species _____ x 4 = 0 UPL species _____ x 5 = 0 Column Totals: <u>0</u> (A) <u>0</u> (B) Prevalence Index = B/A = _____	
Sapling/Shrub Stratum (Plot size: 3m ²)					
1. <u>Symphoricarpos alba*</u>	20	N	FACU		
2. _____	_____	_____	_____		
3. _____	_____	_____	_____		
4. _____	_____	_____	_____		
0 = Total Cover					
Herb Stratum (Plot size: 1m ²)					
1. <u>Cirsium arvense*</u>	75	N	FAC		
2. <u>Typha latifolia</u>	45	Y	OBL		
3. _____	_____	_____	_____		
4. _____	_____	_____	_____		
5. _____	_____	_____	_____		
6. _____	_____	_____	_____		
7. _____	_____	_____	_____		
8. _____	_____	_____	_____		
9. _____	_____	_____	_____		
10. _____	_____	_____	_____		
11. _____	_____	_____	_____		
45 = Total Cover					
Woody Vine Stratum (Plot size: 3m ²)					
1. _____	_____	_____	_____		
2. _____	_____	_____	_____		
0 = Total Cover					
% Bare Ground in Herb Stratum <u>55</u>					

Remarks:
 *Not rooted within wetland

SOIL

Sampling Point: S1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features			Loc ²	Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹			
0-7	10YR 2/1	100					Silty Clay Loam	
7-18	10YR 2/1	60	10YR 3/1	30	C	M	Silty Clay Loam	
-	-	-	7.5YR 3/3	10	C	M	Silty Clay Loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	Indicators for Problematic Hydric Soils³:
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1) (except MLRA 1)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Matrix (F3)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input checked="" type="checkbox"/> Redox Dark Surface (F6)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Depleted Dark Surface (F7)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Redox Depressions (F8)	

2 cm Muck (A10)
 Red Parent Material (TF2)
 Very Shallow Dark Surface (TF12)
 Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Salt Crust (B11) <input type="checkbox"/> Aquatic Invertebrates (B13) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Stunted or Stressed Plants (D1) (LRR A) <input type="checkbox"/> Other (Explain in Remarks)
	<input type="checkbox"/> Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> FAC-Neutral Test (D5) <input type="checkbox"/> Raised Ant Mounds (D6) (LRR A) <input type="checkbox"/> Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches): _____	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): Surface	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: 25351 Hwy 10 City/County: Cle Elum Sampling Date: 3/22/18
 Applicant/Owner: Chimpanzee Sanctuary NW State: WA Sampling Point: S2
 Investigator(s): S. Walters & J. Mallahan Section, Township, Range: S11, T19, R16E W.M.
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >5%
 Subregion (LRR): LRR-A Lat: 47.1578612 Long: -120.8055295 Datum: NAD83
 Soil Map Unit Name: Swauk-Qualla complex, 5 - 15% NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: Outside of Wetland A	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: <u>5m²</u>)				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>3m²</u>)				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = <u>0</u> FACW species _____ x 2 = <u>0</u> FAC species _____ x 3 = <u>0</u> FACU species _____ x 4 = <u>0</u> UPL species _____ x 5 = <u>0</u> Column Totals: <u>0</u> (A) <u>0</u> (B) Prevalence Index = B/A = _____
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Herb Stratum (Plot size: <u>1m²</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is >50% <input type="checkbox"/> Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Cirsium arvense</u>	<u>85</u>	<u>Y</u>	<u>FAC</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
	<u>85</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>3m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
% Bare Ground in Herb Stratum <u>15</u>				

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: 25351 Hwy 10 City/County: Cle Elum Sampling Date: 3/22/18
 Applicant/Owner: Chimpanzee Sanctuary NW State: WA Sampling Point: S3
 Investigator(s): S. Walters & J. Mallahan Section, Township, Range: S11, T19, R16E W.M.
 Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): <5%
 Subregion (LRR): LRR-A Lat: 47.1578612 Long: -120.8055295 Datum: NAD83
 Soil Map Unit Name: Swauk-Qualla complex, 5 - 15% NWI classification: PUBHh

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: Outside of Wetland C	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: <u>5m²</u>)				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>3m²</u>)				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = <u>0</u> FACW species _____ x 2 = <u>0</u> FAC species _____ x 3 = <u>0</u> FACU species _____ x 4 = <u>0</u> UPL species _____ x 5 = <u>0</u> Column Totals: <u>0</u> (A) <u>0</u> (B) Prevalence Index = B/A = _____
1. <u>Salix lemmonii</u>	<u>35</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Salix scouleriana</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
	<u>55</u>	= Total Cover		
Herb Stratum (Plot size: <u>1m²</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is >50% <input type="checkbox"/> Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>3m²</u>)				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
% Bare Ground in Herb Stratum <u>100</u>				
Remarks:				

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: 25351 Hwy 10 City/County: Cle Elum Sampling Date: 3/22/18
 Applicant/Owner: Chimpanzee Sanctuary NW State: WA Sampling Point: S4
 Investigator(s): S. Walters & J. Mallahan Section, Township, Range: S11, T19, R16E W.M.
 Landform (hillslope, terrace, etc.): depression and hillslope Local relief (concave, convex, none): concave Slope (%): varies
 Subregion (LRR): LRR-A Lat: 47.1578612 Long: -120.8055295 Datum: NAD83
 Soil Map Unit Name: Swauk-Qualla complex, 5 - 15% NWI classification: PUBHh

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Remarks: Inside of Wetland C	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: <u>5m²</u>)				
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____	<u>0</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>3m²</u>)				
1. <u>Salix scouleriana</u>	<u>55</u>	<u>Y</u>	<u>FAC</u>	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = <u>0</u> FACW species _____ x 2 = <u>0</u> FAC species _____ x 3 = <u>0</u> FACU species _____ x 4 = <u>0</u> UPL species _____ x 5 = <u>0</u> Column Totals: <u>0</u> (A) <u>0</u> (B) Prevalence Index = B/A = _____
2. <u>Salix lemmonii</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
<u>85</u> = Total Cover				
Herb Stratum (Plot size: <u>1m²</u>)				
1. _____	_____	_____	_____	Hydrophytic Vegetation Indicators: <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is >50% <input type="checkbox"/> Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
<u>0</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>3m²</u>)				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. _____	_____	_____	_____	
<u>0</u> = Total Cover				
% Bare Ground in Herb Stratum <u>100</u>				

Remarks:

SOIL

Sampling Point: S4

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-4	10YR 2/1	100					Sandy Clay Loam	
4-18+	10YR 2/1	94	10YR 5/4	3	C	M	Sandy Clay Loam	
-	-	-	7.5YR 3/4	3	C	M	Sandy Clay Loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	Indicators for Problematic Hydric Soils³:
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1) (except MLRA 1)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Matrix (F3)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input checked="" type="checkbox"/> Redox Dark Surface (F6)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Depleted Dark Surface (F7)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Redox Depressions (F8)	

2 cm Muck (A10)
 Red Parent Material (TF2)
 Very Shallow Dark Surface (TF12)
 Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Salt Crust (B11) <input type="checkbox"/> Aquatic Invertebrates (B13) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Stunted or Stressed Plants (D1) (LRR A) <input type="checkbox"/> Other (Explain in Remarks)
	<input type="checkbox"/> Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> FAC-Neutral Test (D5) <input type="checkbox"/> Raised Ant Mounds (D6) (LRR A) <input type="checkbox"/> Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches): _____	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): 5	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: 25351 Hwy 10 City/County: Cle Elum Sampling Date: 3/22/18
 Applicant/Owner: Chimpanzee Sanctuary NW State: WA Sampling Point: S5
 Investigator(s): S. Walters & J. Mallahan Section, Township, Range: S11, T19, R16E W.M.
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >5%
 Subregion (LRR): LRR-A Lat: 47.1578612 Long: -120.8055295 Datum: NAD83
 Soil Map Unit Name: Swauk-Qualla complex, 5 - 15% NWI classification: PUBHh

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: Outside of Wetland B	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: <u>5m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>3m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Herb Stratum (Plot size: <u>1m²</u>)				
1. <u>Agrostis spp.</u>	<u>55</u>	<u>Y</u>	<u>FAC</u>	
2. <u>Leucanthemum vulgare</u>	<u>45</u>	<u>Y</u>	<u>UPL</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>3m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
% Bare Ground in Herb Stratum _____				

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
 Total Number of Dominant Species Across All Strata: 2 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)

Prevalence Index worksheet:
 Total % Cover of: _____ Multiply by:
 OBL species _____ x 1 = 0
 FACW species _____ x 2 = 0
 FAC species 55 x 3 = 165
 FACU species _____ x 4 = 0
 UPL species 45 x 5 = 225
 Column Totals: 100 (A) 390 (B)
 Prevalence Index = B/A = 3.9

Hydrophytic Vegetation Indicators:
 Rapid Test for Hydrophytic Vegetation
 Dominance Test is >50%
 Prevalence Index is ≤3.0¹
 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 Wetland Non-Vascular Plants¹
 Problematic Hydrophytic Vegetation¹ (Explain)
¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes No

Remarks:

SOIL

Sampling Point: S5

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features			Loc ²	Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹			
0-11	10YR 3/2	100					Silty Clay Loam	
11-16+	2.5YR 3/2	100					Silty Clay Loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	Indicators for Problematic Hydric Soils³:
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1) (except MLRA 1)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Matrix (F3)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Redox Dark Surface (F6)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Depleted Dark Surface (F7)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Redox Depressions (F8)	

2 cm Muck (A10)
 Red Parent Material (TF2)
 Very Shallow Dark Surface (TF12)
 Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Salt Crust (B11) <input type="checkbox"/> Aquatic Invertebrates (B13) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Stunted or Stressed Plants (D1) (LRR A) <input type="checkbox"/> Other (Explain in Remarks)
	<input type="checkbox"/> Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> FAC-Neutral Test (D5) <input type="checkbox"/> Raised Ant Mounds (D6) (LRR A) <input type="checkbox"/> Frost-Heave Hummocks (D7)

Field Observations:

Surface Water Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches): _____	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches): _____	
Saturation Present? (includes capillary fringe)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: 25351 Hwy 10 City/County: Cle Elum Sampling Date: 3/22/18
 Applicant/Owner: Chimpanzee Sanctuary NW State: WA Sampling Point: S6
 Investigator(s): S. Walters & J. Mallahan Section, Township, Range: S11, T19, R16E W.M.
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): none Slope (%): >5%
 Subregion (LRR): LRR-A Lat: 47.1578612 Long: -120.8055295 Datum: NAD83
 Soil Map Unit Name: Swauk-Qualla complex, 5 - 15% NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Remarks: Inside of Wetland B	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: 5m ²)				
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____	<u>0</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: 3m ²)				
1. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = <u>0</u> FACW species _____ x 2 = <u>0</u> FAC species _____ x 3 = <u>0</u> FACU species _____ x 4 = <u>0</u> UPL species _____ x 5 = <u>0</u> Column Totals: <u>0</u> (A) <u>0</u> (B) Prevalence Index = B/A = _____
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
Herb Stratum (Plot size: 1m ²)				
1. <u>Typha latifolia</u>	_____	<u>Y</u>	<u>OBL</u>	Hydrophytic Vegetation Indicators: <input type="checkbox"/> Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> Dominance Test is >50% <input type="checkbox"/> Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Wetland Non-Vascular Plants ¹ <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: 3m ²)				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. _____	_____	_____	_____	
% Bare Ground in Herb Stratum _____ = Total Cover				

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: 25351 Hwy 10 City/County: Cle Elum Sampling Date: 3/22/18
 Applicant/Owner: Chimpanzee Sanctuary NW State: WA Sampling Point: S7
 Investigator(s): S. Walters & J. Mallahan Section, Township, Range: S11, T19, R16E W.M.
 Landform (hillslope, terrace, etc.): base of slope Local relief (concave, convex, none): none Slope (%): ~1%
 Subregion (LRR): LRR-A Lat: 47.1578612 Long: -120.8055295 Datum: NAD83
 Soil Map Unit Name: Swauk-Qualla complex, 5 - 15% NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Remarks: Inside of Hydric Area D, grasses were mowed making them impossible to identify.	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: <u>5m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>3m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Herb Stratum (Plot size: <u>1m²</u>)				
1. <u>Agrostis sp.</u>	<u>100</u>	<u>Y</u>	<u>FAC</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
	_____ = Total Cover			
Woody Vine Stratum (Plot size: <u>3m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
	<u>0</u> = Total Cover			
% Bare Ground in Herb Stratum _____				

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
 Total Number of Dominant Species Across All Strata: 1 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:
 Total % Cover of: _____ Multiply by:
 OBL species _____ x 1 = 0
 FACW species _____ x 2 = 0
 FAC species _____ x 3 = 0
 FACU species _____ x 4 = 0
 UPL species _____ x 5 = 0
 Column Totals: 0 (A) 0 (B)
 Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:
 Rapid Test for Hydrophytic Vegetation
 Dominance Test is >50%
 Prevalence Index is ≤3.0¹
 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 Wetland Non-Vascular Plants¹
 Problematic Hydrophytic Vegetation¹ (Explain)
¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes No

Remarks:
 *Unidentified grasses assumed to be FAC

SOIL

Sampling Point: S7

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features			Loc ²	Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹			
0-6	10YR 2/1	100					Clay Loam	
6-18+	10YR 2/1	94	10YR 3/2	6	C	M	Clay Loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Sandy Redox (S5)	Indicators for Problematic Hydric Soils³:
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Stripped Matrix (S6)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1) (except MLRA 1)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Depleted Matrix (F3)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input checked="" type="checkbox"/> Redox Dark Surface (F6)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Depleted Dark Surface (F7)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Redox Depressions (F8)	

2 cm Muck (A10)
 Red Parent Material (TF2)
 Very Shallow Dark Surface (TF12)
 Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):
 Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes No

Remarks:

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Salt Crust (B11) <input type="checkbox"/> Aquatic Invertebrates (B13) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Stunted or Stressed Plants (D1) (LRR A) <input type="checkbox"/> Other (Explain in Remarks)

<input type="checkbox"/> Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> FAC-Neutral Test (D5) <input type="checkbox"/> Raised Ant Mounds (D6) (LRR A) <input type="checkbox"/> Frost-Heave Hummocks (D7)	<p>Field Observations:</p> Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____ Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u> Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u> (includes capillary fringe)
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Wetland Hydrology Present? Yes No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: 25351 Hwy 10 City/County: Cle Elum Sampling Date: 3/22/18
 Applicant/Owner: Chimpanzee Sanctuary NW State: WA Sampling Point: S8
 Investigator(s): S. Walters & J. Mallahan Section, Township, Range: S11, T19, R16E W.M.
 Landform (hillslope, terrace, etc.): relatively flat Local relief (concave, convex, none): none Slope (%): <5%
 Subregion (LRR): LRR-A Lat: 47.1578612 Long: -120.8055295 Datum: NAD83
 Soil Map Unit Name: Swauk-Qualla complex, 5 - 15% NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: Outside of Hydric Area D	

VEGETATION – Use scientific names of plants.

	Absolute % Cover	Dominant Species?	Indicator Status	
Tree Stratum (Plot size: <u>5m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>3m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
Herb Stratum (Plot size: <u>1m²</u>)				
1. <u>Oxalis sp.</u>	<u>75</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Pasture Grasses*</u>	<u>60</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Plantago lanceolata</u>	<u>40</u>	<u>N</u>	<u>FACU</u>	
4. <u>Trifolium sp.</u>	<u>30</u>	<u>N</u>	<u>FAC</u>	
5. <u>Cirsium vulgare</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
6. <u>Digitalis purpurea</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
	<u>230</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>3m²</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
	<u>0</u>	= Total Cover		
% Bare Ground in Herb Stratum <u>0</u>				
Remarks:				

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>0</u>	x 2 = <u>0</u>
FAC species <u>90</u>	x 3 = <u>270</u>
FACU species <u>140</u>	x 4 = <u>560</u>
UPL species _____	x 5 = <u>0</u>
Column Totals: <u>230</u> (A)	<u>830</u> (B)

Prevalence Index = B/A = 3.6

Hydrophytic Vegetation Indicators:

Rapid Test for Hydrophytic Vegetation

Dominance Test is >50%

Prevalence Index is ≤3.0¹

Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

Wetland Non-Vascular Plants¹

Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes No

SOIL

Sampling Point: S8

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth (inches)	Matrix		Redox Features			Loc ²	Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹			
0-4	10YR 2/2	100					Sandy Loam	
4-10	10YR 3/2	100					Sandy Loam	
10-17	2.5YR 3/2	100					Sandy Loam	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)	Indicators for Problematic Hydric Soils ³ :
<input type="checkbox"/> Histosol (A1) <input type="checkbox"/> Histic Epipedon (A2) <input type="checkbox"/> Black Histic (A3) <input type="checkbox"/> Hydrogen Sulfide (A4) <input type="checkbox"/> Depleted Below Dark Surface (A11) <input type="checkbox"/> Thick Dark Surface (A12) <input type="checkbox"/> Sandy Mucky Mineral (S1) <input type="checkbox"/> Sandy Gleyed Matrix (S4)	<input type="checkbox"/> Sandy Redox (S5) <input type="checkbox"/> Stripped Matrix (S6) <input type="checkbox"/> Loamy Mucky Mineral (F1) (except MLRA 1) <input type="checkbox"/> Loamy Gleyed Matrix (F2) <input type="checkbox"/> Depleted Matrix (F3) <input type="checkbox"/> Redox Dark Surface (F6) <input type="checkbox"/> Depleted Dark Surface (F7) <input type="checkbox"/> Redox Depressions (F8)
	<input type="checkbox"/> 2 cm Muck (A10) <input type="checkbox"/> Red Parent Material (TF2) <input type="checkbox"/> Very Shallow Dark Surface (TF12) <input type="checkbox"/> Other (Explain in Remarks)
	³ Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present): Type: _____ Depth (inches): _____	Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks:	

HYDROLOGY

Wetland Hydrology Indicators:	
Primary Indicators (minimum of one required; check all that apply)	Secondary Indicators (2 or more required)
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Water-Stained Leaves (B9) (except MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Salt Crust (B11) <input type="checkbox"/> Aquatic Invertebrates (B13) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Stunted or Stressed Plants (D1) (LRR A) <input type="checkbox"/> Other (Explain in Remarks)
	<input type="checkbox"/> Water-Stained Leaves (B9) (MLRA 1, 2, 4A, and 4B) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> FAC-Neutral Test (D5) <input type="checkbox"/> Raised Ant Mounds (D6) (LRR A) <input type="checkbox"/> Frost-Heave Hummocks (D7)
Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____ Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____ Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

APPENDIX B

WASHINGTON DEPARTMENT OF ECOLOGY WETLAND RATING FORM

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Wetland name or number A

RATING SUMMARY – Eastern Washington

Name of wetland (or ID #): Wetland A Date of site visit: March 22, 2018
 Rated by S. Brainard Trained by Ecology? Yes No Date of training June 2015

HGM Class used for rating Depressional Wetland has multiple HGM classes? Y N

NOTE: Form is not complete without the figures requested (figures can be combined).
 Source of base aerial photo/map ESRI World Imagery

OVERALL WETLAND CATEGORY III (based on functions or special characteristics)

1. Category of wetland based on FUNCTIONS

- Category I – Total score = 22-27
- Category II – Total score = 19-21
- Category III – Total score = 16-18
- Category IV – Total score = 9-15

FUNCTION	Improving Water Quality			Hydrologic			Habitat			
<i>Circle the appropriate ratings</i>										
Site Potential	H	<input checked="" type="checkbox"/> M	L	<input checked="" type="checkbox"/> H	M	L	H	<input checked="" type="checkbox"/> M	L	
Landscape Potential	H	M	<input checked="" type="checkbox"/> L	H	<input checked="" type="checkbox"/> M	L	<input checked="" type="checkbox"/> H	M	L	
Value	H	M	<input checked="" type="checkbox"/> L	H	M	<input checked="" type="checkbox"/> L	<input checked="" type="checkbox"/> H	M	L	TOTAL
Score Based on Ratings	4			6			8			18

Score for each function based on three ratings (order of ratings is not important)

- 9 = H,H,H
- 8 = H,H,M
- 7 = H,H,L
- 7 = H,M,M
- 6 = H,M,L
- 6 = M,M,M
- 5 = H,L,L
- 5 = M,M,L
- 4 = M,L,L
- 3 = L,L,L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	CATEGORY	
	<i>Circle the appropriate category</i>	
Vernal Pools	II	III
Alkali	I	
Wetland of High Conservation Value	I	
Bog and Calcareous Fens	I	
Old Growth or Mature Forest – slow growing	I	
Aspen Forest	I	
Old Growth or Mature Forest – fast growing	II	
Floodplain forest	II	
None of the above		

Wetland name or number A

Maps and figures required to answer questions correctly for Eastern Washington Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	D 1.3, H 1.1, H 1.5	A1
Hydroperiods (including area of open water for H 1.3)	D 1.4, H 1.2, H 1.3	A1
Location of outlet (<i>can be added to map of hydroperiods</i>)	D 1.1, D 4.1	A1
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	D 2.2, D 5.2	A1
Map of the contributing basin	D 5.3	A2
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	A2
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	A3
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	D 3.3	A3

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	H 1.1, H 1.5	
Hydroperiods	H 1.2, H 1.3	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	R 2.4	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of wetland vs. width of stream (<i>can be added to another figure</i>)	R 4.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	L 1.1, L 4.1, H 1.1, H 1.5	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	H 1.1, H 1.5	
Hydroperiods	H 1.2, H 1.3	
Plant cover of dense trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of dense, rigid trees, shrubs, and herbaceous plants (<i>can be added to figure above</i>)	S 4.1	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	S 3.3	

Wetland name or number A

HGM Classification of Wetland in Eastern Washington

For questions 1-4, the criteria described must apply to the entire unit being rated.

If the hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1-4 apply, and go to Question 5.

1. Does the entire unit **meet both** of the following criteria?

- The vegetated part of the wetland is on the water side of the Ordinary High Water Mark of a body of permanent open water (without any plants on the surface) that is at least 20 ac (8 ha) in size
- At least 30% of the open water area is deeper than 10 ft (3 m)

NO - go to 2 YES - The wetland class is **Lake Fringe** (Lacustrine Fringe)

2. Does the entire wetland unit **meet all** of the following criteria?

- The wetland is on a slope (*slope can be very gradual*),
- The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks;
- The water leaves the wetland **without being impounded**.

NO - go to 3 YES - The wetland class is **Slope**
NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 foot deep).

3. Does the entire wetland unit **meet all** of the following criteria?

- The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river;
- The overbank flooding occurs at least once every 10 years.

NO - go to 4 YES - The wetland class is **Riverine**
NOTE: The Riverine wetland can contain depressions that are filled with water when the river is not flooding.

4. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year. *This means that any outlet, if present, is higher than the interior of the wetland.*

NO - go to 5 YES - The wetland class is **Depressional**

5. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. **GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-4 APPLY TO DIFFERENT AREAS IN THE WETLAND UNIT** (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

Wetland name or number A

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the wetland unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM Class to use in rating	
Slope + Riverine	Riverine	<input type="radio"/>
Slope + Depressional	<input type="checkbox"/> Depressional	<input checked="" type="radio"/>
Slope + Lake Fringe	Lake Fringe	<input type="radio"/>
Depressional + Riverine (the riverine portion is within the boundary of depression)	Depressional	<input type="radio"/>
Depressional + Lake Fringe	Depressional	<input type="radio"/>
Riverine + Lake Fringe	Riverine	<input type="radio"/>

*If you are still unable to determine which of the above criteria apply to your wetland, or if you have **more than 2 HGM classes** within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number A**DEPRESSIONAL WETLANDS****Water Quality Functions** - Indicators that the site functions to improve water qualityPoints
(only 1
score per
box)

D 1.0. Does the site have the potential to improve water quality?

D 1.1. Characteristics of surface water outflows from the wetland:

- Wetland has no surface water outlet points = 5
- Wetland has an intermittently flowing outlet points = 3
- Wetland has a highly constricted permanently flowing outlet points = 3
- Wetland has a permanently flowing, unconstricted, surface outlet points = 1

5D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (use NRCS definitions of soils) YES = 3 NO = 0 **0**

D 1.3. Characteristics of persistent vegetation (Emergent, Scrub-shrub, and/or Forested Cowardin classes)

- Wetland has persistent, ungrazed, vegetation for $> \frac{2}{3}$ of area points = 5
- Wetland has persistent, ungrazed, vegetation from $\frac{1}{3}$ to $\frac{2}{3}$ of area points = 3
- Wetland has persistent, ungrazed vegetation from $\frac{1}{10}$ to $< \frac{1}{3}$ of area points = 1
- Wetland has persistent, ungrazed vegetation $< \frac{1}{10}$ of area points = 0

3

D 1.4. Characteristics of seasonal ponding or inundation:

This is the area of ponding that fluctuates every year. Do not count the area that is permanently ponded.

- Area seasonally ponded is $> \frac{1}{2}$ total area of wetland points = 3
- Area seasonally ponded is $\frac{1}{4}$ - $\frac{1}{2}$ total area of wetland points = 1
- Area seasonally ponded is $< \frac{1}{4}$ total area of wetland points = 0

0

Total for D 1

Add the points in the boxes above

8**Rating of Site Potential** If score is: 12- 16 = H 6- 11 = M 0- 5 = L

Record the rating on the first page

D 2.0. Does the landscape have the potential to support the water quality function of the site?

D 2.1. Does the wetland receive stormwater discharges?

 Yes = 1 No = 0 **0**D 2.2. Is $> 10\%$ of the area within 150 ft of the wetland in land uses that generate pollutants? Yes = 1 No = 0 **0**

D 2.3. Are there septic systems within 250 ft of the wetland?

 Yes = 1 No = 0 **0**

D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions

D 2.1- D 2.3? Source _____

 Yes = 1 No = 0 **0**

Total for D 2

Add the points in the boxes above

0**Rating of Landscape Potential** If score is: 3 or 4 = H 1 or 2 = M 0 = L

Record the rating on the first page

D 3.0. Is the water quality improvement provided by the site valuable to society?

D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, or lake that is on the 303(d) list?

 Yes = 1 No = 0 **0**

D 3.2. Is the wetland in a basin or sub-basin where water quality is an issue in some aquatic resource [303(d) list, eutrophic lakes, problems with nuisance and toxic algae]?

 Yes = 1 No = 0 **0**

D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (answer YES if there is a TMDL for the drainage or basin in which the wetland is found)?

 Yes = 2 No = 0 **0**

Total for D 3

Add the points in the boxes above

0**Rating of Value** If score is: 2-4 = H 1 = M 0 = L

Record the rating on the first page

Comments: Areas surrounding the wetland are rated based on their current level of land use as directed by the rating system, which may not appear consistent with aerial imagery of the investigation area.

Wetland name or number A

DEPRESSIONAL WETLANDS		Points (only 1 score per box)
Hydrologic Functions - Indicators that the site functions to reduce flooding and erosion.		
D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. <u>Characteristics of surface water outflows from the wetland:</u> <input checked="" type="checkbox"/> Wetland has no surface water outlet points = 8 <input type="checkbox"/> Wetland has an intermittently flowing outlet points = 4 <input type="checkbox"/> Wetland has a highly constricted permanently flowing outlet points = 4 <input type="checkbox"/> Wetland has a permanently flowing unconfined surface outlet points = 0 <i>(If outlet is a ditch and not permanently flowing treat wetland as "intermittently flowing")</i>		8
D 4.2. <u>Depth of storage during wet periods:</u> <i>Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or deepest part (if dry).</i> <input type="checkbox"/> Seasonal ponding: > 3 ft above the lowest point in wetland or the surface of permanent ponding points = 8 <input checked="" type="checkbox"/> Seasonal ponding: 2 ft - < 3 ft above the lowest point in wetland or the surface of permanent ponding points = 6 <input type="checkbox"/> The wetland is a headwater wetland points = 4 <input type="checkbox"/> Seasonal ponding: 1 ft - < 2 ft points = 4 <input type="checkbox"/> Seasonal ponding: 6 in - < 1 ft points = 2 <input type="checkbox"/> Seasonal ponding: < 6 in or wetland has only saturated soils points = 0		6
Total for D 4		Add the points in the boxes above 14
Rating of Site Potential If score is: <input checked="" type="checkbox"/> 12-16 = H <input type="checkbox"/> 6-11 = M <input type="checkbox"/> 0-5 = L <i>Record the rating on the first page</i>		

D 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
D 5.1. Does the wetland receive stormwater discharges?	<input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/> 0
D 5.2. Is > 10% of the area within 150 ft of the wetland in a land use that generates runoff?	<input checked="" type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input type="checkbox"/> 1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses?	<input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/> 0
Total for D 5		Add the points in the boxes above 1
Rating of Landscape Potential If score is: <input type="checkbox"/> 3 = H <input checked="" type="checkbox"/> 1 or 2 = M <input type="checkbox"/> 0 = L <i>Record the rating on the first page</i>		

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. <u>The wetland is in a landscape that has flooding problems.</u> Choose the description that best matches conditions around the wetland being rated. <i>Do not add points. Choose the highest score if more than one condition is met.</i> The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds), AND <input type="checkbox"/> Flooding occurs in sub-basin that is immediately down-gradient of wetland points = 2 <input type="checkbox"/> Surface flooding problems are in a sub-basin farther down-gradient points = 1 <input checked="" type="checkbox"/> The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. <i>Explain why</i> <u>Wetland has no outlet, and its hydrology is constrained to the localized area.</u> points = 0 <input type="checkbox"/> There are no problems with flooding downstream of the wetland points = 0		0
D 6.2. Has the site has been identified as important for flood storage or flood conveyance in a regional flood control plan?	<input type="checkbox"/> Yes = 2 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/> 0
Total for D 6		Add the points in the boxes above 0
Rating of Value If score is: <input type="checkbox"/> 2-4 = H <input type="checkbox"/> 1 = M <input checked="" type="checkbox"/> 0 = L <i>Record the rating on the first page</i>		

Wetland name or number A

H 1.6. Special habitat features <i>Check the habitat features that are present in the wetland. The number of checks is the number of points.</i>		
<input type="checkbox"/> Loose rocks larger than 4 in OR large, downed, woody debris (> 4 in diameter) within the area of surface ponding or in stream.		
<input checked="" type="checkbox"/> Cattails or bulrushes are present within the wetland.		
<input type="checkbox"/> Standing snags (diameter at the bottom > 4 in) in the wetland or within 30 m (100 ft) of the edge.		
<input checked="" type="checkbox"/> Emergent or shrub vegetation in areas that are permanently inundated/ponded.		
<input type="checkbox"/> Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 45 degree slope) OR signs of recent beaver activity		
<input type="checkbox"/> Invasive species cover less than 20% in each stratum of vegetation (<i>canopy, sub-canopy, shrubs, herbaceous, moss/ground cover</i>)		
Total for H 1		10

Rating of Site Potential If score is: 15-18 = H 7-14 = M 0-6 = L Record the rating on the first page

H 2.0. Does the landscape have the potential to support habitat functions of the site?		
H 2.1. Accessible habitat (only area of habitat abutting wetland). If total accessible habitat is: <i>Calculate: % undisturbed habitat</i> <u>15</u> <i>+ [(% moderate and low intensity land uses)/2]</i> <u>10</u> <i>=</i> <u>25</u> <i>%</i>		
<input type="checkbox"/> > 1/3 (33.3%) of 1 km Polygon	points = 3	
<input checked="" type="checkbox"/> 20-33% of 1km Polygon	points = 2	
<input type="checkbox"/> 10-19% of 1km Polygon	points = 1	
<input type="checkbox"/> <10% of 1km Polygon	points = 0	
H 2.2. Undisturbed habitat in 1 km Polygon around wetland. <i>Calculate: % undisturbed habitat</i> <u>42</u> <i>+ [(% moderate and low intensity land uses)/2]</i> <u>17</u> <i>=</i> <u>59</u> <i>%</i>		
<input checked="" type="checkbox"/> Undisturbed habitat > 50% of Polygon	points = 3	
<input type="checkbox"/> Undisturbed habitat 10 - 50% and in 1-3 patches	points = 2	
<input type="checkbox"/> Undisturbed habitat 10 - 50% and > 3 patches	points = 1	
<input type="checkbox"/> Undisturbed habitat < 10% of Polygon	points = 0	
H 2.3. Land use intensity in 1 km Polygon:		
<input type="checkbox"/> > 50% of Polygon is high intensity land use	points = (- 2)	
<input checked="" type="checkbox"/> Does not meet criterion above	points = 0	
H 2.4. The wetland is in an area where annual rainfall is less than 12 in, and its water regime is not influenced by irrigation practices, dams, or water control structures. Generally, this means outside boundaries of reclamation areas, irrigation districts, or reservoirs		
	<input type="checkbox"/> Yes = 3 <input type="checkbox"/> No = 0 <input checked="" type="checkbox"/>	0
Total for H 2		5

Rating of Landscape Potential If score is: 4-9 = H 1-3 = M < 1 = L Record the rating on the first page

H 3.0. Is the habitat provided by the site valuable to society?		
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? Choose the highest score that applies to the wetland being rated		
Site meets ANY of the following criteria:		points = 2
<input type="checkbox"/> It has 3 or more priority habitats within 100 m (see Appendix B)		
<input type="checkbox"/> It provides habitat for Threatened or Endangered species (any plant or animal on state or federal lists)		
<input checked="" type="checkbox"/> It is mapped as a location for an individual WDFW species		
<input type="checkbox"/> It is a Wetland of High Conservation Value as determined by the Department of Natural Resources		
<input type="checkbox"/> It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan		
<input type="checkbox"/> Site has 1 or 2 priority habitats within 100 m (see Appendix B)	points = 1	
<input type="checkbox"/> Site does not meet any of the criteria above	points = 0	
Rating of Value If score is: <input checked="" type="checkbox"/> 2 = H <input type="checkbox"/> 1 = M <input type="checkbox"/> 0 = L Record the rating on the first page		

Wetland name or number A

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Please determine if the wetland meets the attributes described below and circle the appropriate category. NOTE: A wetland may meet the criteria for more than one set of special characteristics. Record all those that apply. NOTE: All wetlands should also be characterized based on their functions.

Wetland Type	Category
<i>Check off any criteria that apply to the wetland. Circle the category when the appropriate criteria are met.</i>	
<p>SC 1.0. Vernal pools</p> <p>Is the wetland less than 4000 ft², and does it meet at least two of the following criteria?</p> <ul style="list-style-type: none"> — Its only source of water is rainfall or snowmelt from a small contributing basin and has no groundwater input. — Wetland plants are typically present only in the spring; the summer vegetation is typically upland annuals. <i>If you find perennial, obligate, wetland plants, the wetland is probably NOT a vernal pool.</i> — The soil in the wetland is shallow [< 1 ft (30 cm) deep] and is underlain by an impermeable layer such as basalt or clay. — Surface water is present for less than 120 days during the wet season. <p style="text-align: right;">Yes – Go to SC 1.1 No = Not a vernal pool</p> <p>SC 1.1. Is the vernal pool relatively undisturbed in February and March? Yes – Go to SC 1.2 No = Not a vernal pool with special characteristics</p>	
<p>SC 1.2. Is the vernal pool in an area where there are at least 3 separate aquatic resources within 0.5 mi (other wetlands, rivers, lakes etc.)? Yes = Category II No = Category III</p>	Cat. II Cat. III
<p>SC 2.0. Alkali wetlands</p> <p>Does the wetland meet one of the following criteria?</p> <ul style="list-style-type: none"> — The wetland has a conductivity > 3.0 mS/cm. — The wetland has a conductivity between 2.0 and 3.0 mS, and more than 50% of the plant cover in the wetland can be classified as “alkali” species (see Table 4 for list of plants found in alkali systems). — If the wetland is dry at the time of your field visit, the central part of the area is covered with a layer of salt. <p>OR does the wetland unit meet two of the following three sub-criteria?</p> <ul style="list-style-type: none"> — Salt encrustations around more than 75% of the edge of the wetland — More than $\frac{3}{4}$ of the plant cover consists of species listed on Table 4 — A pH above 9.0. All alkali wetlands have a high pH, but please note that some freshwater wetlands may also have a high pH. Thus, pH alone is not a good indicator of alkali wetlands. <p style="text-align: right;">Yes = Category I No = Not an alkali wetland</p>	Cat. I
<p>SC 3.0. Wetlands of High Conservation Value (WHCV)</p> <p>SC 3.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? Yes – Go to SC 3.2 No – Go to SC 3.3</p> <p>SC 3.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? Yes = Category I No = Not a WHCV</p> <p>SC 3.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf Yes – Contact WNHP/WDNR and go to SC 3.4 No = Not a WHCV</p> <p>SC 3.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and it is listed on their website? Yes = Category I No = Not a WHCV</p>	Cat. I

Wetland name or number A

<p>SC 4.0 Bogs and Calcareous Fens Does the wetland (or any part of the wetland unit) meet both the criteria for soils and vegetation in bogs or calcareous fens? <i>Use the key below to identify if the wetland is a bog or calcareous fen. If you answer yes you will still need to rate the wetland based on its functions.</i></p> <p>SC 4.1. Does an area within the wetland have organic soil horizons (i.e., layers of organic soil), either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? <i>See Appendix C for a field key to identify organic soils.</i> Yes – Go to SC 4.3 No – Go to SC 4.2</p> <p>SC 4.2. Does an area within the wetland have organic soils, either peats or mucks, that are less than 16 in deep over bedrock or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? Yes – Go to SC 4.3 No = Is not a bog for rating</p> <p>SC 4.3. Does an area within the wetland have more than 70% cover of mosses at ground level AND at least 30% of the total plant cover consists of species in Table 5? Yes = Category I bog No – Go to SC 4.4 NOTE: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 5 are present, the wetland is a bog.</p> <p>SC 4.4. Is an area with peats or mucks forested (> 30% cover) with subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 5 provide more than 30% of the cover under the canopy? Yes = Category I bog No – Go to SC 4.5</p> <p>SC 4.5. Do the species listed in Table 6 comprise at least 20% of the total plant cover within an area of peats and mucks? Yes = Is a Calcareous Fen for purpose of rating No – Go to SC 4.6</p> <p>SC 4.6. Do the species listed in Table 6 comprise at least 10% of the total plant cover in an area of peats and mucks, AND one of the two following conditions is met: — Marl deposits [calcium carbonate (CaCO₃) precipitate] occur on the soil surface or plant stems — The pH of free water is ≥ 6.8 AND electrical conductivity is ≥ 200 uS/cm at multiple locations within the wetland Yes = Is a Category I calcareous fen No = Is not a calcareous fen</p>	<p style="text-align: center;">Cat. I</p> <p style="text-align: center;">Cat. I</p>
<p>SC 5.0. Forested Wetlands Does the wetland have an area of forest rooted within its boundary that meets at least one of the following three criteria? (<i>Continue only if you have identified that a forested class is present in question H 1.1</i>)</p> <ul style="list-style-type: none"> — The wetland is within the 100 year floodplain of a river or stream — Aspen (<i>Populus tremuloides</i>) represents at least 20% of the total cover of woody species — There is at least ¼ ac of trees (even in wetlands smaller than 2.5 ac) that are “mature” or “old-growth” according to the definitions for these priority habitats developed by WDFW (<i>see definitions in question H3.1</i>) <p style="text-align: right;">Yes – Go to SC 5.1 No = Not a forested wetland with special characteristics</p> <p>SC 5.1. Does the wetland have a forest canopy where more than 50% of the tree species (by cover) are slow growing native trees (<i>see Table 7</i>)? Yes = Category I No – Go to SC 5.2</p> <p>SC 5.2. Does the wetland have areas where aspen (<i>Populus tremuloides</i>) represents at least 20% of the total cover of woody species? Yes = Category I No – Go to SC 5.3</p> <p>SC 5.3. Does the wetland have at least ¼ acre with a forest canopy where more than 50% of the tree species (by cover) are fast growing species (<i>see Table 7</i>)? Yes = Category II No – Go to SC 5.4</p> <p>SC 5.4. Is the forested component of the wetland within the 100 year floodplain of a river or stream? Yes = Category II No = Not a forested wetland with special characteristics</p>	<p style="text-align: center;">Cat. I</p> <p style="text-align: center;">Cat. I</p> <p style="text-align: center;">Cat. II</p> <p style="text-align: center;">Cat. II</p>
<p>Category of wetland based on Special Characteristics <i>Choose the highest rating if wetland falls into several categories</i> If you answered No for all types, enter “Not Applicable” on Summary Form</p>	

Appendix B: WDFW Priority Habitats in Eastern Washington

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp. <http://wdfw.wa.gov/publications/00165/wdfw00165.pdf> or access the list from here: <http://wdfw.wa.gov/conservation/phs/list/>)

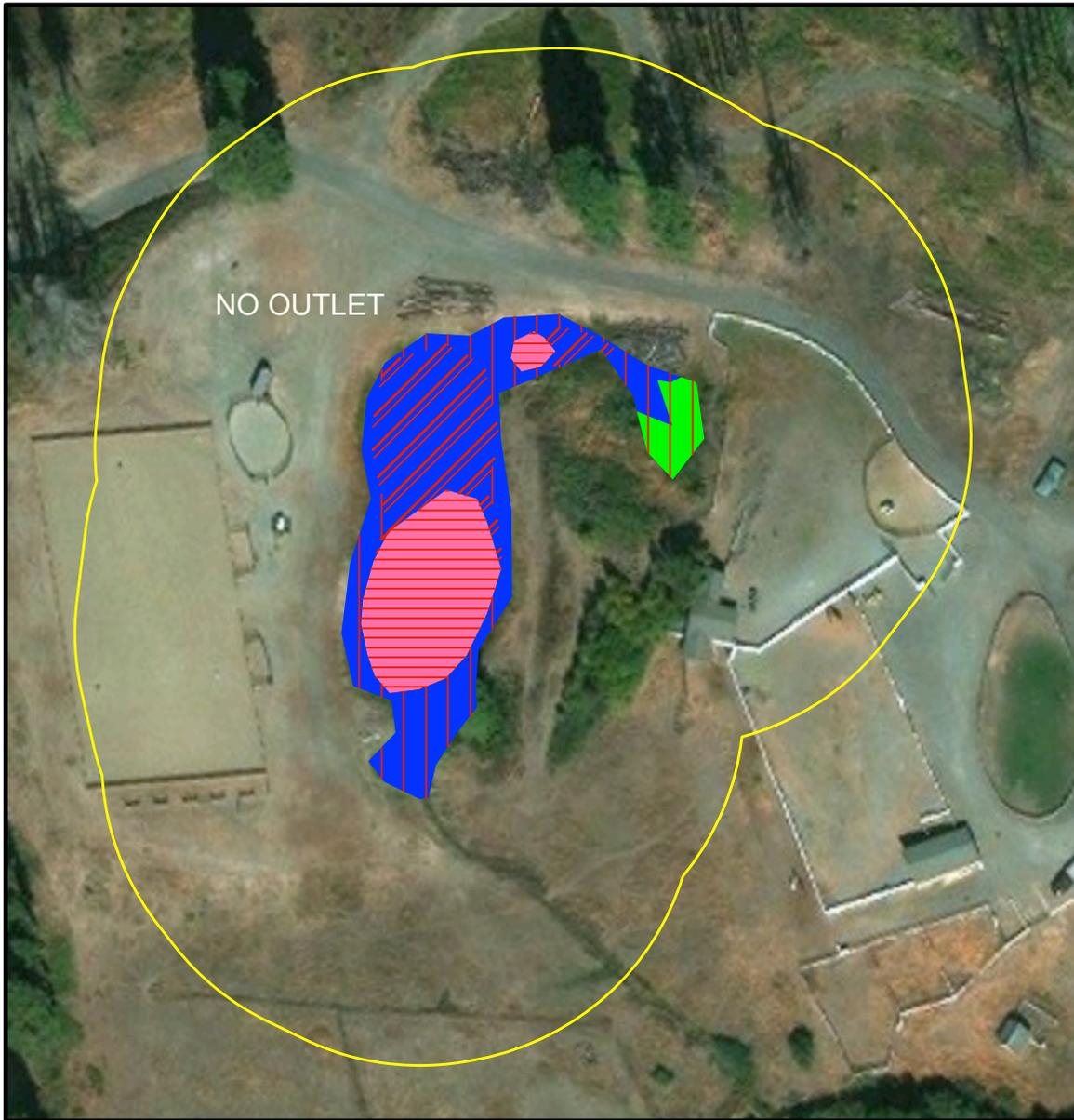
Count how many of the following priority habitats are within 330 ft (100 m) of the wetland: **NOTE:** *This question is independent of the land use between the wetland and the priority habitat.*

- Aspen Stands:** Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- Biodiversity Areas and Corridors:** Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- Old-growth/Mature forests:** Old-growth east of Cascade crest – Stands are highly variable in tree species composition and structural characteristics due to the influence of fire, climate, and soils. In general, stands will be >150 years of age, with 10 trees/ac (25 trees/ha) that are > 21 in (53 cm) dbh, and 1-3 snags/ac (2.5-7.5 snags/ha) that are > 12-14 in (30-35 cm) diameter. Downed logs may vary from abundant to absent. Canopies may be single or multi-layered. Evidence of human-caused alterations to the stand will be absent or so slight as to not affect the ecosystem's essential structures and functions. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west and 80-160 years old east of the Cascade crest.
- Oregon White Oak:** Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- Riparian:** The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- Instream:** The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- Caves:** A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- Cliffs:** Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- Talus:** Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- Snags and Logs:** Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 12 in (30 cm) in eastern Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.
- Shrub-steppe:** A nonforested vegetation type consisting of one or more layers of perennial bunchgrasses and a conspicuous but discontinuous layer of shrubs (see Eastside Steppe for sites with little or no shrub cover).
- Eastside Steppe:** Nonforested vegetation type dominated by broadleaf herbaceous flora (i.e., forbs), perennial bunchgrasses, or a combination of both. Bluebunch wheatgrass (*Pseudoroegneria spicata*) is often the prevailing cover component along with Idaho fescue (*Festuca idahoensis*), Sandberg bluegrass (*Poa secunda*), rough fescue (*F. campestris*), or needlegrasses (*Achnatherum* spp.).
- Juniper Savannah:** All juniper woodlands.

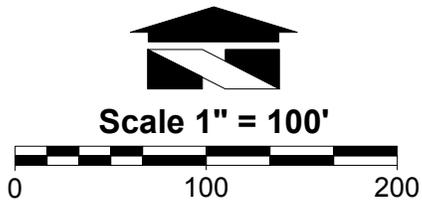
Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

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CHIMPANZEE SANCTUARY - HWY 10
 WETLAND RATING FIGURE 1 - WETLAND A



LEGEND	
	SCRUB-SHRUB
	AQUATIC BED
	EMERGENT VEGETATION
	SATURATED ONLY
	SEASONALLY FLOODED
	PERMANENTLY FLOODED
	150' FROM WL BOUNDARY



Wetland Resources, Inc.
 Delineation / Mitigation / Restoration / Habitat Creation / Permit Assistance
 9505 19th Avenue S.E. Suite 106 Everett, Washington 98208
 Phone: (425) 337-3174
 Fax: (425) 337-3045
 Email: mailbox@wetlandresources.com

WETLAND RATING
Wetland A

Chimpanzee Sanctuary NW
 Attn: J. B. Mulcahy
 PO Box 952
 Cle Elum, WA 98922

Figure A-1
 WRI Job # 18059
 Rated by: EC

CHIMPANZEE SANCTUARY - HWY 10
WETLAND RATING FIGURE 2- WETLAND A



**CONTRIBUTING BASIN
AREA RELATIVE TO
WETLAND UNIT IS 23:1**

LEGEND

- RELATIVELY UNDISTURBED
- LOW/MOD. INTENSITY
- HIGH INTENSITY
- ACCESSIBLE HABITAT
- WETLAND
- 1 KM FROM WETLAND
- CONTRIBUTING BASIN



Scale 1" = 1,000'



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Phone: (425) 337-3174
Fax: (425) 337-3045
Email: mailbox@wetlandresources.com

**WETLAND RATING
Wetland A**

Chimpanzee Sanctuary NW
Attn: J. B. Mulcahy
PO Box 952
Cle Elum, WA 98922

Figure A-2
WRI Job # 18059
Rated by: EC

CHIMPANZEE SANCTUARY - HWY 10
WETLAND RATING FIGURE 3- WETLAND A



Scale 1" = 3,000'



LEGEND

-  WETLAND
-  AQUATIC RESOURCES ON THE 303(d) LIST
-  WATERS WITH A TMDL

Wetland Resources, Inc.
Delineation / Mitigation / Restoration / Habitat Creation / Permit Assistance
 9505 19th Avenue S.E. Suite 106 Everett, Washington 98208
 Phone: (425) 337-3174
 Fax: (425) 337-3045
 Email: mailbox@wetlandresources.com

WETLAND RATING
Wetland A

Chimpanzee Sanctuary NW
 Attn: J. B. Mulcahy
 PO Box 952
 Cle Elum, WA 98922

Figure A-3
 WRI Job # 18059
 Rated by: EC

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Wetland name or number B

RATING SUMMARY – Eastern Washington

Name of wetland (or ID #): Wetland B Date of site visit: March 22, 2018
 Rated by S. Brainard Trained by Ecology? Yes ___ No Date of training June 2015

HGM Class used for rating Depressional Wetland has multiple HGM classes? Y N

NOTE: Form is not complete without the figures requested (figures can be combined).
 Source of base aerial photo/map ESRI World Imagery

OVERALL WETLAND CATEGORY IV (based on functions or special characteristics ___)

1. Category of wetland based on FUNCTIONS

- Category I – Total score = 22-27
- Category II – Total score = 19-21
- Category III – Total score = 16-18
- Category IV – Total score = 9-15

FUNCTION	Improving Water Quality			Hydrologic			Habitat			
<i>Circle the appropriate ratings</i>										
Site Potential	H	M	<input type="checkbox"/> L	H	M	<input type="checkbox"/> L	H	M	<input type="checkbox"/> L	
Landscape Potential	H	M	<input type="checkbox"/> L	H	M	<input type="checkbox"/> L	<input type="checkbox"/> H	M	L	
Value	H	M	<input type="checkbox"/> L	H	M	<input type="checkbox"/> L	<input type="checkbox"/> H	M	L	TOTAL
Score Based on Ratings	3			3			7			13

Score for each function based on three ratings (order of ratings is not important)

- 9 = H,H,H
- 8 = H,H,M
- 7 = H,H,L
- 7 = H,M,M
- 6 = H,M,L
- 6 = M,M,M
- 5 = H,L,L
- 5 = M,M,L
- 4 = M,L,L
- 3 = L,L,L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	CATEGORY	
	<i>Circle the appropriate category</i>	
Vernal Pools	II	III
Alkali	I	
Wetland of High Conservation Value	I	
Bog and Calcareous Fens	I	
Old Growth or Mature Forest – slow growing	I	
Aspen Forest	I	
Old Growth or Mature Forest – fast growing	II	
Floodplain forest	II	
None of the above		

Wetland name or number B

Maps and figures required to answer questions correctly for Eastern Washington Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	D 1.3, H 1.1, H 1.5	
Hydroperiods (including area of open water for H 1.3)	D 1.4, H 1.2, H 1.3	
Location of outlet (<i>can be added to map of hydroperiods</i>)	D 1.1, D 4.1	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	D 2.2, D 5.2	
Map of the contributing basin	D 5.3	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	D 3.3	

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	H 1.1, H 1.5	
Hydroperiods	H 1.2, H 1.3	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	R 2.4	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of wetland vs. width of stream (<i>can be added to another figure</i>)	R 4.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	L 1.1, L 4.1, H 1.1, H 1.5	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	H 1.1, H 1.5	B1
Hydroperiods	H 1.2, H 1.3	B1
Plant cover of dense trees, shrubs, and herbaceous plants	S 1.3	B5
Plant cover of dense, rigid trees, shrubs, and herbaceous plants (<i>can be added to figure above</i>)	S 4.1	B5
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	S 2.1, S 5.1	B1
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	B2
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	B3
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	S 3.3	B3

Wetland name or number B

HGM Classification of Wetland in Eastern Washington

For questions 1-4, the criteria described must apply to the entire unit being rated.

If the hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1-4 apply, and go to Question 5.

1. Does the entire unit **meet both** of the following criteria?

- The vegetated part of the wetland is on the water side of the Ordinary High Water Mark of a body of permanent open water (without any plants on the surface) that is at least 20 ac (8 ha) in size
- At least 30% of the open water area is deeper than 10 ft (3 m)

NO - go to 2

YES - The wetland class is **Lake Fringe** (Lacustrine Fringe)

2. Does the entire wetland unit **meet all** of the following criteria?

- The wetland is on a slope (*slope can be very gradual*),
- The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks;
- The water leaves the wetland **without being impounded**.

NO - go to 3

YES - The wetland class is **Slope**

NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 foot deep).

3. Does the entire wetland unit **meet all** of the following criteria?

- The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river;
- The overbank flooding occurs at least once every 10 years.

NO - go to 4

YES - The wetland class is **Riverine**

NOTE: The Riverine wetland can contain depressions that are filled with water when the river is not flooding.

4. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year. *This means that any outlet, if present, is higher than the interior of the wetland.*

NO - go to 5

YES - The wetland class is **Depressional**

5. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. **GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-4 APPLY TO DIFFERENT AREAS IN THE WETLAND UNIT** (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

Wetland name or number **B** _____

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the wetland unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM Class to use in rating	
Slope + Riverine	Riverine	<input type="radio"/>
Slope + Depressional	Depressional	<input type="radio"/>
Slope + Lake Fringe	Lake Fringe	<input type="radio"/>
Depressional + Riverine (the riverine portion is within the boundary of depression)	Depressional	<input type="radio"/>
Depressional + Lake Fringe	Depressional	<input type="radio"/>
Riverine + Lake Fringe	Riverine	<input type="radio"/>

*If you are still unable to determine which of the above criteria apply to your wetland, or if you have **more than 2 HGM classes** within a wetland boundary, classify the wetland as Depressional for the rating.*

SLOPE WETLANDS

Points
(only 1
score per
box)

Water Quality Functions - Indicators that the site functions to improve water quality

S 1.0. Does the site have the potential to improve water quality?		
S 1.1. Characteristics of average slope of wetland: (<i>a 1% slope has a 1 ft vertical drop in elevation for every 100 ft of horizontal distance</i>) <input type="checkbox"/> Slope is 1% or less points = 3 <input type="checkbox"/> Slope is > 1% - 2% points = 2 <input type="checkbox"/> Slope is > 2% - 5% points = 1 <input checked="" type="checkbox"/> Slope is greater than 5% points = 0		0
S 1.2. <u>The soil 2 in below the surface (or duff layer)</u> is true clay or tureorganic (<i>use NRCS definitio</i> <input type="checkbox"/> : Yes = 3 <input type="checkbox"/> No = 0)	<input checked="" type="checkbox"/>	0
S 1.3. Characteristics of the plants in the wetland that trap sediments and pollutants: Choose the points appropriate for the description that best fits the plants in the wetland. <i>Dense means you have trouble seeing the soil surface (>75% cover), and uncut means not grazed or mowed and plants are higher than 6 in.</i> <input type="checkbox"/> Dense, uncut, herbaceous plants > 90% of the wetland area points = 6 <input checked="" type="checkbox"/> Dense, uncut, herbaceous plants > ½ of area points = 3 <input type="checkbox"/> Dense, woody, plants > ½ of area points = 2 <input type="checkbox"/> Dense, uncut, herbaceous plants > ¼ of area points = 1 <input type="checkbox"/> Does not meet any of the criteria above for plants points = 0		3
Total for S 1	Add the points in the boxes above	3

Rating of Site Potential If score is: 12 = H 6-11 = M 0-5 = L *Record the rating on the first page*

S 2.0. Does the landscape have the potential to support the water quality function at the site?		
S 2.1. Is > 10% of the area within 150 ft on the uphill side of the wetland in land uses that generate pollutants? <input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/>	0
S 2.2. Are there other sources of pollutants coming into the wetland that are not listed in question S 2.1? Other sources _____ <input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/>	0
Total for S 2	Add the points in the boxes above	0

Rating of Landscape Potential If score is: 1-2 = M 0 = L *Record the rating on the first page*

S 3.0. Is the water quality improvement provided by the site valuable to society?		
S 3.1. Does the wetland discharge directly to a stream, river, or lake that is on the 303(d) list (<i>within 1 mi</i>)? <input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/>	0
S 3.2. Is the wetland in a basin or sub-basin where water quality is an issue? <i>At least one aquatic resource in the basin is on the 303(d) list.</i> <input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/>	0
S 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (<i>answer YES if there is a TMDL for the drainage or basin in which wetland is found</i>)? <input type="checkbox"/> Yes = 2 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/>	0
Total for S 3	Add the points in the boxes above	0

Rating of Value If score is: 2-4 = H 1 = M 0 = L *Record the rating on the first page*

Comments: Areas surrounding the wetland are rated based on their current level of land use as directed by the rating system, which may not appear consistent with aerial imagery of the investigation area.

Wetland name or number _____

SLOPE WETLANDS

Hydrologic Functions - Indicators that the site functions to reduce flooding and erosion

Points
(only 1
score per
box)

S 4.0. Does the site have the potential to reduce flooding and erosion?

S 4.1. Characteristics of plants that reduce the velocity of surface flows during storms: Choose the points appropriate for the description that best fits conditions in the wetland. *Stems of plants should be thick enough (usually > 1/8 in), or dense enough, to remain erect during surface flows.*

- Dense, uncut, **rigid** plants cover > 90% of the area of the wetland points = 1
 All other conditions points = 0

0

Rating of Site Potential If score is: 1 = M 0 = L

Record the rating on the first page

S 5.0. Does the landscape have the potential to support the hydrologic functions of the site?

S 5.1. Is more than 25% of the area within 150 ft upslope of wetland in land uses that generate excess surface runoff?

- Yes = 1 No = 0

0

Rating of Landscape Potential If score is: 1 = M 0 = L

Record the rating on the first page

S 6.0. Are the hydrologic functions provided by the site valuable to society?

S 6.1. Distance to the nearest areas downstream that have flooding problems:

- The sub-basin immediately down-gradient of site has surface flooding problems that result in damage to human or natural resources (e.g., houses or salmon redds) points = 2
 Surface flooding problems are in a sub-basin farther down-gradient points = 1
 No flooding problems anywhere downstream points = 0

S 6.2. Has the site been identified as important for flood storage and flood conveyance in a regional flood control plan?

- Yes = 2 No = 0

0

Total for S 6

Add the points in the boxes above

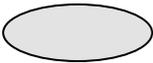
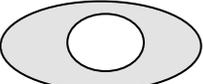
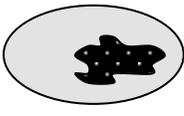
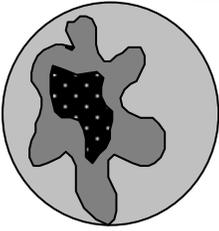
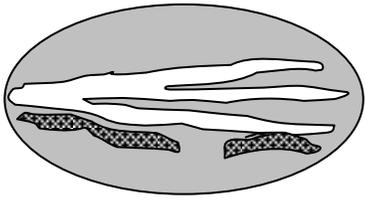
0

Rating of Value If score is: 2-4 = H 1 = M 0 = L

Record the rating on the first page

NOTES and FIELD OBSERVATIONS:

Wetland name or number **B** _____

These questions apply to wetlands of all HGM classes.		(only 1 score per box)
HABITAT FUNCTIONS - Indicators that site functions to provide important habitat		
H 1.0. Does the wetland have the potential to provide habitat for many species?		
<p>H 1.1. Structure of the plant community: <i>Check the Cowardin vegetation classes present and categories of emergent plants. Size threshold for each category is $\geq \frac{1}{4}$ ac or $\geq 10\%$ of the wetland if wetland is < 2.5 ac.</i></p> <p> <input type="checkbox"/> Aquatic bed <input type="checkbox"/> Emergent plants 0-12 in (0-30 cm) high are the highest layer and have $> 30\%$ cover <input checked="" type="checkbox"/> Emergent plants >12-40 in (>30-100 cm) high are the highest layer with $>30\%$ cover <input type="checkbox"/> Emergent plants > 40 in (> 100 cm) high are the highest layer with $>30\%$ cover <input type="checkbox"/> Scrub-shrub (areas where shrubs have $>30\%$ cover) <input type="checkbox"/> Forested (areas where trees have $>30\%$ cover) </p> <p style="text-align: right;"> 4 or more checks: points = 3 3 checks: points = 2 2 checks: points = 1 1 check: points = 0 </p>	<p>0</p>	
<p>H 1.2. Is one of the vegetation types Aquatic Bed? <input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0 <input checked="" type="checkbox"/> </p>	<p>0</p>	
<p>H 1.3. <u>Surface water</u></p> <p>H 1.3.1. Does the wetland have areas of open water (without emergent or shrub plants) over at least $\frac{1}{4}$ ac OR 10% of its area during the March to early June OR in August to the end of September? <i>Answer YES for Lake Fringe wetlands.</i> <input type="checkbox"/> Yes = 3 points & go to H 1.4 <input type="checkbox"/> No = go to H 1.3.2 <input checked="" type="checkbox"/> </p> <p>H 1.3.2. Does the wetland have an intermittent or permanent, and unvegetated stream within its boundaries, or along one side, over at least $\frac{1}{4}$ ac or 10% of its area? <i>Answer yes only if H 1.3.1 is No.</i> <input type="checkbox"/> Yes = 3 <input type="checkbox"/> No = 0 <input checked="" type="checkbox"/> </p>	<p>0</p>	
<p>H 1.4. <u>Richness of plant species</u></p> <p>Count the number of plant species in the wetland that cover at least 10 ft². <i>Different patches of the same species can be combined to meet the size threshold. You do not have to name the species. Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Russian olive, Phragmites, Canadian thistle, yellow-flag iris, and saltcedar (Tamarisk)</i></p> <p># of species _____</p> <p style="text-align: right;"> Scoring: > 9 species: points = 2 <input type="checkbox"/> 4-9 species: points = 1 <input checked="" type="checkbox"/> < 4 species: points = 0 <input type="checkbox"/> </p>	<p>1</p>	
<p>H 1.5. <u>Interspersion of habitats</u></p> <p>Decide from the diagrams below whether interspersion among types of plant structures (described in H 1.1), and unvegetated areas (open water or mudflats) is high, moderate, low, or none.</p> <p><i>Use map of Cowardin and emergent plant classes prepared for questions H 1.1 and map of open water from H 1.3. If you have four or more plant classes or three classes and open water, the rating is always high.</i></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><input checked="" type="checkbox"/> None = 0 points</p> </div> <div style="text-align: center;">  <p><input type="checkbox"/> Low = 1 point</p> </div> <div style="text-align: center;">  <p><input type="checkbox"/> Moderate = 2 points</p> </div> </div> <p>All three diagrams in this row are</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><input type="checkbox"/> High = 3 points</p> </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  <p>Riparian braided channels with 2 classes</p> </div> </div>	<p>Figure__</p> <p>0</p>	

Wetland name or number **B** _____

H 1.6. Special habitat features <i>Check the habitat features that are present in the wetland. The number of checks is the number of points.</i>		
<input type="checkbox"/> Loose rocks larger than 4 in OR large, downed, woody debris (> 4 in diameter) within the area of surface ponding or in stream.		
<input checked="" type="checkbox"/> Cattails or bulrushes are present within the wetland.		
<input type="checkbox"/> Standing snags (diameter at the bottom > 4 in) in the wetland or within 30 m (100 ft) of the edge.		1
<input type="checkbox"/> Emergent or shrub vegetation in areas that are permanently inundated/ponded.		
<input type="checkbox"/> Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 45 degree slope) OR signs of recent beaver activity		
<input type="checkbox"/> Invasive species cover less than 20% in each stratum of vegetation (<i>canopy, sub-canopy, shrubs, herbaceous, moss/ground cover</i>)		
Total for H 1		2

Rating of Site Potential If score is: 15-18 = H 7-14 = M 0-6 = L Record the rating on the first page

H 2.0. Does the landscape have the potential to support habitat functions of the site?		
H 2.1. Accessible habitat (only area of habitat abutting wetland). If total accessible habitat is: <i>Calculate: % undisturbed habitat</i> <u>15</u> <i>+ [(% moderate and low intensity land uses)/2]</i> <u>10</u> <i>=</i> <u>26</u> <i>%</i>		
<input type="checkbox"/> > 1/3 (33.3%) of 1 km Polygon	points = 3	2
<input checked="" type="checkbox"/> 20-33% of 1km Polygon	points = 2	
<input type="checkbox"/> 10-19% of 1km Polygon	points = 1	
<input type="checkbox"/> <10% of 1km Polygon	points = 0	
H 2.2. Undisturbed habitat in 1 km Polygon around wetland. <i>Calculate: % undisturbed habitat</i> <u>39</u> <i>+ [(% moderate and low intensity land uses)/2]</i> <u>17</u> <i>=</i> <u>56</u> <i>%</i>		
<input checked="" type="checkbox"/> Undisturbed habitat > 50% of Polygon	points = 3	3
<input type="checkbox"/> Undisturbed habitat 10 - 50% and in 1-3 patches	points = 2	
<input type="checkbox"/> Undisturbed habitat 10 - 50% and > 3 patches	points = 1	
<input type="checkbox"/> Undisturbed habitat < 10% of Polygon	points = 0	
H 2.3. Land use intensity in 1 km Polygon:		
<input type="checkbox"/> > 50% of Polygon is high intensity land use	points = (- 2)	0
<input checked="" type="checkbox"/> Does not meet criterion above	points = 0	
H 2.4. The wetland is in an area where annual rainfall is less than 12 in, and its water regime is not influenced by irrigation practices, dams, or water control structures. Generally, this means outside boundaries of reclamation areas, irrigation districts, or reservoirs		
	<input type="checkbox"/> Yes = 3 <input type="checkbox"/> No = 0 <input checked="" type="checkbox"/>	0
Total for H 2		5

Rating of Landscape Potential If score is: 4-9 = H 1-3 = M < 1 = L Record the rating on the first page

H 3.0. Is the habitat provided by the site valuable to society?		
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? Choose the highest score that applies to the wetland being rated		
Site meets ANY of the following criteria:		points = 2
<input type="checkbox"/> It has 3 or more priority habitats within 100 m (see Appendix B)		4
<input type="checkbox"/> It provides habitat for Threatened or Endangered species (any plant or animal on state or federal lists)		
<input checked="" type="checkbox"/> It is mapped as a location for an individual WDFW species		
<input type="checkbox"/> It is a Wetland of High Conservation Value as determined by the Department of Natural Resources		
<input type="checkbox"/> It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan		
<input type="checkbox"/> Site has 1 or 2 priority habitats within 100 m (see Appendix B)	points = 1	
<input type="checkbox"/> Site does not meet any of the criteria above	points = 0	

Rating of Value If score is: 2 = H 1 = M 0 = L Record the rating on the first page

Wetland name or number B

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Please determine if the wetland meets the attributes described below and circle the appropriate category. NOTE: A wetland may meet the criteria for more than one set of special characteristics. Record all those that apply. NOTE: All wetlands should also be characterized based on their functions.

Wetland Type	Category
<i>Check off any criteria that apply to the wetland. Circle the category when the appropriate criteria are met.</i>	
<p>SC 1.0. Vernal pools</p> <p>Is the wetland less than 4000 ft², and does it meet at least two of the following criteria?</p> <ul style="list-style-type: none"> — Its only source of water is rainfall or snowmelt from a small contributing basin and has no groundwater input. — Wetland plants are typically present only in the spring; the summer vegetation is typically upland annuals. <i>If you find perennial, obligate, wetland plants, the wetland is probably NOT a vernal pool.</i> — The soil in the wetland is shallow [< 1 ft (30 cm) deep] and is underlain by an impermeable layer such as basalt or clay. — Surface water is present for less than 120 days during the wet season. <p style="text-align: right;">Yes – Go to SC 1.1 No = Not a vernal pool</p> <p>SC 1.1. Is the vernal pool relatively undisturbed in February and March? Yes – Go to SC 1.2 No = Not a vernal pool with special characteristics</p>	
<p>SC 1.2. Is the vernal pool in an area where there are at least 3 separate aquatic resources within 0.5 mi (other wetlands, rivers, lakes etc.)? Yes = Category II No = Category III</p>	Cat. II Cat. III
<p>SC 2.0. Alkali wetlands</p> <p>Does the wetland meet one of the following criteria?</p> <ul style="list-style-type: none"> — The wetland has a conductivity > 3.0 mS/cm. — The wetland has a conductivity between 2.0 and 3.0 mS, and more than 50% of the plant cover in the wetland can be classified as “alkali” species (see Table 4 for list of plants found in alkali systems). — If the wetland is dry at the time of your field visit, the central part of the area is covered with a layer of salt. <p>OR does the wetland unit meet two of the following three sub-criteria?</p> <ul style="list-style-type: none"> — Salt encrustations around more than 75% of the edge of the wetland — More than $\frac{3}{4}$ of the plant cover consists of species listed on Table 4 — A pH above 9.0. All alkali wetlands have a high pH, but please note that some freshwater wetlands may also have a high pH. Thus, pH alone is not a good indicator of alkali wetlands. <p style="text-align: right;">Yes = Category I No = Not an alkali wetland</p>	Cat. I
<p>SC 3.0. Wetlands of High Conservation Value (WHCV)</p> <p>SC 3.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? Yes – Go to SC 3.2 No – Go to SC 3.3</p> <p>SC 3.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? Yes = Category I No = Not a WHCV</p> <p>SC 3.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf Yes – Contact WNHP/WDNR and go to SC 3.4 No = Not a WHCV</p> <p>SC 3.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and it is listed on their website? Yes = Category I No = Not a WHCV</p>	Cat. I

Wetland name or number **B** _____

<p>SC 4.0 Bogs and Calcareous Fens Does the wetland (or any part of the wetland unit) meet both the criteria for soils and vegetation in bogs or calcareous fens? <i>Use the key below to identify if the wetland is a bog or calcareous fen. If you answer yes you will still need to rate the wetland based on its functions.</i></p> <p>SC 4.1. Does an area within the wetland have organic soil horizons (i.e., layers of organic soil), either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? <i>See Appendix C for a field key to identify organic soils.</i> Yes – Go to SC 4.3 No – Go to SC 4.2</p> <p>SC 4.2. Does an area within the wetland have organic soils, either peats or mucks, that are less than 16 in deep over bedrock or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? Yes – Go to SC 4.3 No = Is not a bog for rating</p> <p>SC 4.3. Does an area within the wetland have more than 70% cover of mosses at ground level AND at least 30% of the total plant cover consists of species in Table 5? Yes = Category I bog No – Go to SC 4.4 NOTE: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 5 are present, the wetland is a bog.</p> <p>SC 4.4. Is an area with peats or mucks forested (> 30% cover) with subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 5 provide more than 30% of the cover under the canopy? Yes = Category I bog No – Go to SC 4.5</p> <p>SC 4.5. Do the species listed in Table 6 comprise at least 20% of the total plant cover within an area of peats and mucks? Yes = Is a Calcareous Fen for purpose of rating No – Go to SC 4.6</p> <p>SC 4.6. Do the species listed in Table 6 comprise at least 10% of the total plant cover in an area of peats and mucks, AND one of the two following conditions is met: — Marl deposits [calcium carbonate (CaCO₃) precipitate] occur on the soil surface or plant stems — The pH of free water is ≥ 6.8 AND electrical conductivity is ≥ 200 uS/cm at multiple locations within the wetland Yes = Is a Category I calcareous fen No = Is not a calcareous fen</p>	<p>Cat. I</p> <p>Cat. I</p>
<p>SC 5.0. Forested Wetlands Does the wetland have an area of forest rooted within its boundary that meets at least one of the following three criteria? (<i>Continue only if you have identified that a forested class is present in question H 1.1</i>)</p> <ul style="list-style-type: none"> — The wetland is within the 100 year floodplain of a river or stream — Aspen (<i>Populus tremuloides</i>) represents at least 20% of the total cover of woody species — There is at least ¼ ac of trees (even in wetlands smaller than 2.5 ac) that are “mature” or “old-growth” according to the definitions for these priority habitats developed by WDFW (<i>see definitions in question H3.1</i>) <p>Yes – Go to SC 5.1 No = Not a forested wetland with special characteristics</p> <p>SC 5.1. Does the wetland have a forest canopy where more than 50% of the tree species (by cover) are slow growing native trees (<i>see Table 7</i>)? Yes = Category I No – Go to SC 5.2</p> <p>SC 5.2. Does the wetland have areas where aspen (<i>Populus tremuloides</i>) represents at least 20% of the total cover of woody species? Yes = Category I No – Go to SC 5.3</p> <p>SC 5.3. Does the wetland have at least ¼ acre with a forest canopy where more than 50% of the tree species (by cover) are fast growing species (<i>see Table 7</i>)? Yes = Category II No – Go to SC 5.4</p> <p>SC 5.4. Is the forested component of the wetland within the 100 year floodplain of a river or stream? Yes = Category II No = Not a forested wetland with special characteristics</p>	<p>Cat. I</p> <p>Cat. I</p> <p>Cat. II</p> <p>Cat. II</p>
<p>Category of wetland based on Special Characteristics <i>Choose the highest rating if wetland falls into several categories</i> If you answered No for all types, enter “Not Applicable” on Summary Form</p>	

Appendix B: WDFW Priority Habitats in Eastern Washington

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp. <http://wdfw.wa.gov/publications/00165/wdfw00165.pdf> or access the list from here: <http://wdfw.wa.gov/conservation/phs/list/>)

Count how many of the following priority habitats are within 330 ft (100 m) of the wetland: **NOTE:** *This question is independent of the land use between the wetland and the priority habitat.*

- Aspen Stands:** Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- Biodiversity Areas and Corridors:** Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- Old-growth/Mature forests:** Old-growth east of Cascade crest – Stands are highly variable in tree species composition and structural characteristics due to the influence of fire, climate, and soils. In general, stands will be >150 years of age, with 10 trees/ac (25 trees/ha) that are > 21 in (53 cm) dbh, and 1-3 snags/ac (2.5-7.5 snags/ha) that are > 12-14 in (30-35 cm) diameter. Downed logs may vary from abundant to absent. Canopies may be single or multi-layered. Evidence of human-caused alterations to the stand will be absent or so slight as to not affect the ecosystem's essential structures and functions. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west and 80-160 years old east of the Cascade crest.
- Oregon White Oak:** Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- Riparian:** The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- Instream:** The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- Caves:** A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- Cliffs:** Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- Talus:** Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- Snags and Logs:** Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 12 in (30 cm) in eastern Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.
- Shrub-steppe:** A nonforested vegetation type consisting of one or more layers of perennial bunchgrasses and a conspicuous but discontinuous layer of shrubs (see Eastside Steppe for sites with little or no shrub cover).
- Eastside Steppe:** Nonforested vegetation type dominated by broadleaf herbaceous flora (i.e., forbs), perennial bunchgrasses, or a combination of both. Bluebunch wheatgrass (*Pseudoroegneria spicata*) is often the prevailing cover component along with Idaho fescue (*Festuca idahoensis*), Sandberg bluegrass (*Poa secunda*), rough fescue (*F. campestris*), or needlegrasses (*Achnatherum* spp.).
- Juniper Savannah:** All juniper woodlands.

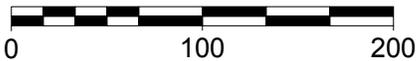
Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

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CHIMPANZEE SANCTUARY - HWY 10
WETLAND RATING FIGURE 1 - WETLAND B



Scale 1" = 100'



LEGEND

-  EMERGENT VEGETATION
-  SATURATED ONLY
-  SEASONALLY FLOODED
-  150' FROM WL BOUNDARY

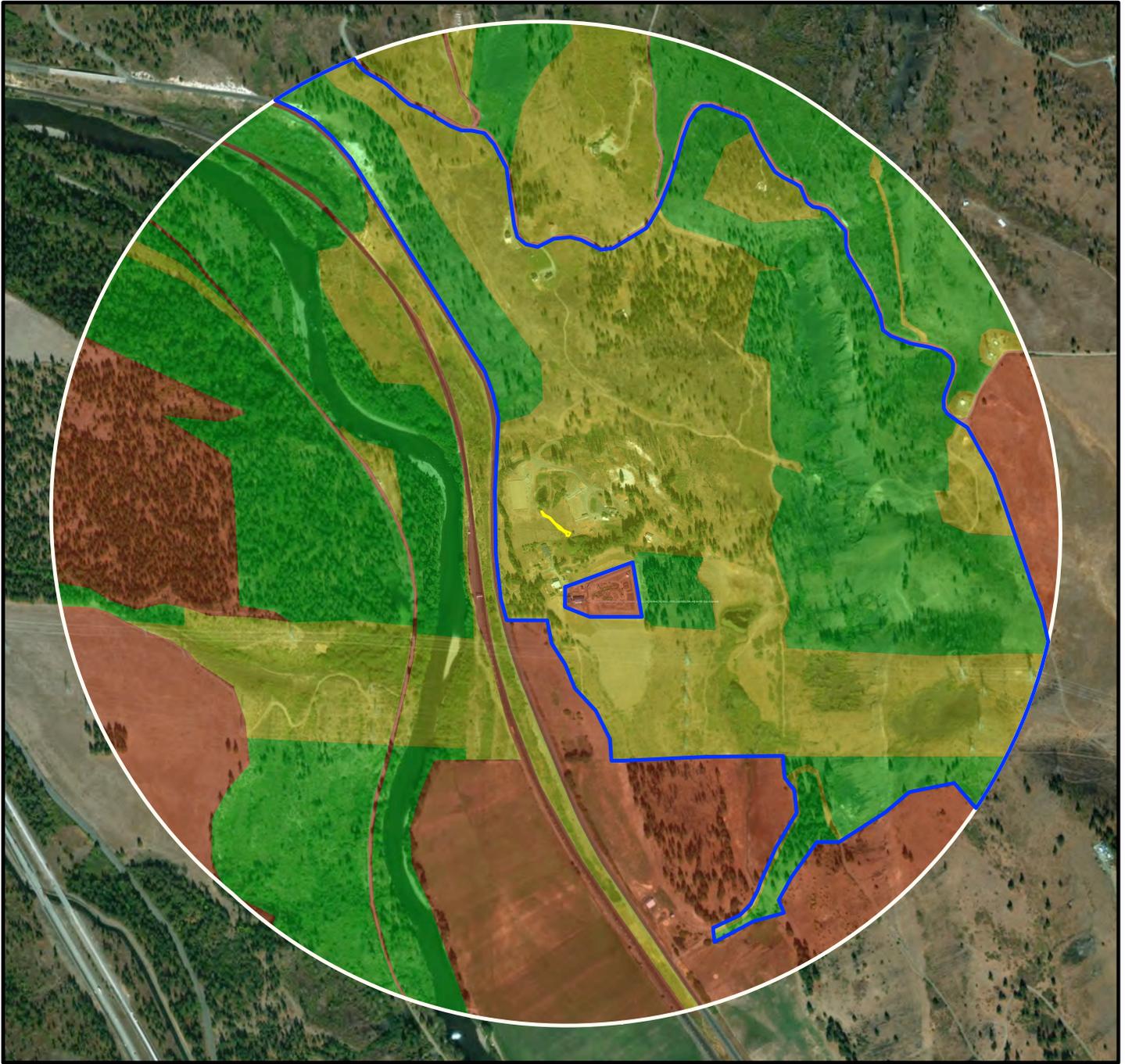
Wetland Resources, Inc.
Delineation / Mitigation / Restoration / Habitat Creation / Permit Assistance
9505 19th Avenue S.E. Suite 106 Everett, Washington 98208
Phone: (425) 337-3174
Fax: (425) 337-3045
Email: mailbox@wetlandresources.com

WETLAND RATING
Wetland B

Chimpanzee Sanctuary NW
Attn: J. B. Mulcahy
PO Box 952
Cle Elum, WA 98922

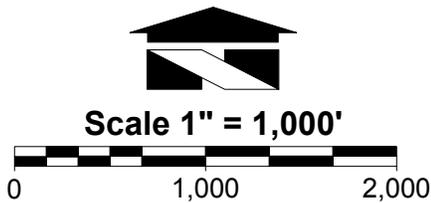
Figure B1
WRI Job # 18059
Rated by: EC

18059 CHIMPANZEE SANCTUARY NW - HWY 10
 WETLAND RATING FIGURE 2 - WETLAND B



LEGEND

- RELATIVELY UNDISTURBED
- LOW/MOD. INTENSITY
- HIGH INTENSITY
- ACCESSIBLE HABITAT
- WETLAND
- 1 KM FROM WETLAND
- CONTRIBUTING BASIN



Wetland Resources, Inc.
 Delineation / Mitigation / Restoration / Habitat Creation / Permit Assistance
 9505 19th Avenue S.E. Suite 106 Everett, Washington 98208
 Phone: (425) 337-3174
 Fax: (425) 337-3045
 Email: mailbox@wetlandresources.com

WETLAND RATING
Wetland B

Chimpanzee Sanctuary NW
 Attn: J. B. Mulcahy
 PO Box 952
 Cle Elum, WA 98922

Figure B2
 WRI Job # 18059
 Rated by: EC

CHIMPANZEE SANCTUARY - HWY 10
 WETLAND RATING FIGURE 3 - WETLAND B



Scale 1" = 3,000'



LEGEND

-  WETLAND
-  AQUATIC RESOURCES ON THE 303(d) LIST
-  WATERS WITH A TMDL

Wetland Resources, Inc.
 Delineation / Mitigation / Restoration / Habitat Creation / Permit Assistance
 9505 19th Avenue S.E. Suite 106 Everett, Washington 98208
 Phone: (425) 337-3174
 Fax: (425) 337-3045
 Email: mailbox@wetlandresources.com

**WETLAND RATING
 Wetland B**

Chimpanzee Sanctuary NW
 Attn: J. B. Mulcahy
 PO Box 952
 Cle Elum, WA 98922

Figure B3
 WRI Job # 18059
 Rated by: EC

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Wetland name or number C

RATING SUMMARY – Eastern Washington

Name of wetland (or ID #): Wetland C Date of site visit: March 22, 2018
 Rated by S. Brainard Trained by Ecology? Yes ___ No Date of training June 2015

HGM Class used for rating Depressional Wetland has multiple HGM classes? Y N

NOTE: Form is not complete without the figures requested (figures can be combined).
 Source of base aerial photo/map ESRI World Imagery

OVERALL WETLAND CATEGORY III (based on functions or special characteristics ___)

1. Category of wetland based on FUNCTIONS

- Category I – Total score = 22-27
- Category II – Total score = 19-21
- Category III – Total score = 16-18
- Category IV – Total score = 9-15

FUNCTION	Improving Water Quality			Hydrologic			Habitat			
<i>Circle the appropriate ratings</i>										
Site Potential	H	<input checked="" type="checkbox"/> M	L	H	<input checked="" type="checkbox"/> M	L	H	<input checked="" type="checkbox"/> M	L	
Landscape Potential	H	<input checked="" type="checkbox"/> M	L	H	<input checked="" type="checkbox"/> M	L	<input checked="" type="checkbox"/> H	M	L	
Value	H	M	<input checked="" type="checkbox"/> L	H	M	<input checked="" type="checkbox"/> L	<input checked="" type="checkbox"/> H	M	L	TOTAL
Score Based on Ratings	5			5			8			18

Score for each function based on three ratings (order of ratings is not important)

- 9 = H,H,H
- 8 = H,H,M
- 7 = H,H,L
- 7 = H,M,M
- 6 = H,M,L
- 6 = M,M,M
- 5 = H,L,L
- 5 = M,M,L
- 4 = M,L,L
- 3 = L,L,L

2. Category based on SPECIAL CHARACTERISTICS of wetland

CHARACTERISTIC	CATEGORY	
	<i>Circle the appropriate category</i>	
Vernal Pools	II	III
Alkali	I	
Wetland of High Conservation Value	I	
Bog and Calcareous Fens	I	
Old Growth or Mature Forest – slow growing	I	
Aspen Forest	I	
Old Growth or Mature Forest – fast growing	II	
Floodplain forest	II	
None of the above		

Wetland name or number C

Maps and figures required to answer questions correctly for Eastern Washington Depressional Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	D 1.3, H 1.1, H 1.5	C1
Hydroperiods (including area of open water for H 1.3)	D 1.4, H 1.2, H 1.3	C1
Location of outlet (<i>can be added to map of hydroperiods</i>)	D 1.1, D 4.1	C1
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	D 2.2, D 5.2	C1
Map of the contributing basin	D 5.3	C2
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	C2
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	D 3.1, D 3.2	C3
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	D 3.3	C3

Riverine Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	H 1.1, H 1.5	
Hydroperiods	H 1.2, H 1.3	
Ponded depressions	R 1.1	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	R 2.4	
Map of the contributing basin	R 2.2, R 2.3, R 5.2	
Plant cover of trees, shrubs, and herbaceous plants	R 1.2, R 4.2	
Width of wetland vs. width of stream (<i>can be added to another figure</i>)	R 4.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	R 3.1	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	R 3.2, R 3.3	

Lake Fringe Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	L 1.1, L 4.1, H 1.1, H 1.5	
Plant cover of trees, shrubs, and herbaceous plants	L 1.2	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	L 2.2	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	L 3.1, L 3.2	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	L 3.3	

Slope Wetlands

Map of:	To answer questions:	Figure #
Cowardin plant classes and classes of emergents	H 1.1, H 1.5	
Hydroperiods	H 1.2, H 1.3	
Plant cover of dense trees, shrubs, and herbaceous plants	S 1.3	
Plant cover of dense, rigid trees, shrubs, and herbaceous plants (<i>can be added to figure above</i>)	S 4.1	
Boundary of area within 150 ft of the wetland (<i>can be added to another figure</i>)	S 2.1, S 5.1	
1 km Polygon: Area that extends 1 km from entire wetland edge - including polygons for accessible habitat and undisturbed habitat	H 2.1, H 2.2, H 2.3	
Screen capture of map of 303(d) listed waters in basin (from Ecology website)	S 3.1, S 3.2	
Screen capture of list of TMDLs for WRIA in which wetland is found (website)	S 3.3	

Wetland name or number C

HGM Classification of Wetland in Eastern Washington

For questions 1-4, the criteria described must apply to the entire unit being rated.

If the hydrologic criteria listed in each question do not apply to the entire unit being rated, you probably have a unit with multiple HGM classes. In this case, identify which hydrologic criteria in questions 1-4 apply, and go to Question 5.

1. Does the entire unit **meet both** of the following criteria?

- The vegetated part of the wetland is on the water side of the Ordinary High Water Mark of a body of permanent open water (without any plants on the surface) that is at least 20 ac (8 ha) in size
- At least 30% of the open water area is deeper than 10 ft (3 m)

NO - go to 2 **YES - The wetland class is **Lake Fringe** (Lacustrine Fringe)**

2. Does the entire wetland unit **meet all** of the following criteria?

- The wetland is on a slope (*slope can be very gradual*),
- The water flows through the wetland in one direction (unidirectional) and usually comes from seeps. It may flow subsurface, as sheetflow, or in a swale without distinct banks;
- The water leaves the wetland **without being impounded**.

NO - go to 3 **YES - The wetland class is **Slope****
NOTE: Surface water does not pond in these type of wetlands except occasionally in very small and shallow depressions or behind hummocks (depressions are usually <3 ft diameter and less than 1 foot deep).

3. Does the entire wetland unit **meet all** of the following criteria?

- The unit is in a valley, or stream channel, where it gets inundated by overbank flooding from that stream or river;
- The overbank flooding occurs at least once every 10 years.

NO - go to 4 **YES - The wetland class is **Riverine****
NOTE: The Riverine wetland can contain depressions that are filled with water when the river is not flooding.

4. Is the entire wetland unit in a topographic depression in which water ponds, or is saturated to the surface, at some time during the year. *This means that any outlet, if present, is higher than the interior of the wetland.*

NO - go to 5 **YES - The wetland class is **Depressional****

5. Your wetland unit seems to be difficult to classify and probably contains several different HGM classes. For example, seeps at the base of a slope may grade into a riverine floodplain, or a small stream within a Depressional wetland has a zone of flooding along its sides. **GO BACK AND IDENTIFY WHICH OF THE HYDROLOGIC REGIMES DESCRIBED IN QUESTIONS 1-4 APPLY TO DIFFERENT AREAS IN THE WETLAND UNIT** (make a rough sketch to help you decide). Use the following table to identify the appropriate class to use for the rating system if you have several HGM classes present within the wetland unit being scored.

Wetland name or number C

NOTE: Use this table only if the class that is recommended in the second column represents 10% or more of the total area of the wetland unit being rated. If the area of the HGM class listed in column 2 is less than 10% of the wetland unit; classify the wetland using the class that represents more than 90% of the total area.

HGM classes within the wetland unit being rated	HGM Class to use in rating	
Slope + Riverine	Riverine	<input type="radio"/>
Slope + Depressional	<input type="checkbox"/> Depressional	<input checked="" type="radio"/>
Slope + Lake Fringe	Lake Fringe	<input type="radio"/>
Depressional + Riverine (the riverine portion is within the boundary of depression)	Depressional	<input type="radio"/>
Depressional + Lake Fringe	Depressional	<input type="radio"/>
Riverine + Lake Fringe	Riverine	<input type="radio"/>

*If you are still unable to determine which of the above criteria apply to your wetland, or if you have **more than 2 HGM classes** within a wetland boundary, classify the wetland as Depressional for the rating.*

Wetland name or number C**DEPRESSIONAL WETLANDS****Water Quality Functions** - Indicators that the site functions to improve water qualityPoints
(only 1
score per
box)

D 1.0. Does the site have the potential to improve water quality?

D 1.1. Characteristics of surface water outflows from the wetland:

- Wetland has no surface water outlet points = 5
- Wetland has an intermittently flowing outlet points = 3
- Wetland has a highly constricted permanently flowing outlet points = 3
- Wetland has a permanently flowing, unconstricted, surface outlet points = 1

3D 1.2. The soil 2 in below the surface (or duff layer) is true clay or true organic (use NRCS definitions of soils) YES = 3 NO = 0 **0**

D 1.3. Characteristics of persistent vegetation (Emergent, Scrub-shrub, and/or Forested Cowardin classes)

- Wetland has persistent, ungrazed, vegetation for $> \frac{2}{3}$ of area points = 5
- Wetland has persistent, ungrazed, vegetation from $\frac{1}{3}$ to $\frac{2}{3}$ of area points = 3
- Wetland has persistent, ungrazed vegetation from $\frac{1}{10}$ to $< \frac{1}{3}$ of area points = 1
- Wetland has persistent, ungrazed vegetation $< \frac{1}{10}$ of area points = 0

5

D 1.4. Characteristics of seasonal ponding or inundation:

This is the area of ponding that fluctuates every year. Do not count the area that is permanently ponded.

- Area seasonally ponded is $> \frac{1}{2}$ total area of wetland points = 3
- Area seasonally ponded is $\frac{1}{4}$ - $\frac{1}{2}$ total area of wetland points = 1
- Area seasonally ponded is $< \frac{1}{4}$ total area of wetland points = 0

0

Total for D 1

Add the points in the boxes above

8**Rating of Site Potential** If score is: 12- 16 = H 6- 11 = M 0- 5 = L

Record the rating on the first page

D 2.0. Does the landscape have the potential to support the water quality function of the site?

D 2.1. Does the wetland receive stormwater discharges?

 Yes = 1 No = 0 **0**D 2.2. Is $> 10\%$ of the area within 150 ft of the wetland in land uses that generate pollutants? Yes = 1 No = 0 **0**

D 2.3. Are there septic systems within 250 ft of the wetland?

 Yes = 1 No = 0 **1**

D 2.4. Are there other sources of pollutants coming into the wetland that are not listed in questions

D 2.1- D 2.3? Source _____

 Yes = 1 No = 0 **0**

Total for D 2

Add the points in the boxes above

1**Rating of Landscape Potential** If score is: 3 or 4 = H 1 or 2 = M 0 = L

Record the rating on the first page

D 3.0. Is the water quality improvement provided by the site valuable to society?

D 3.1. Does the wetland discharge directly (i.e., within 1 mi) to a stream, river, or lake that is on the 303(d) list?

 Yes = 1 No = 0 **0**

D 3.2. Is the wetland in a basin or sub-basin where water quality is an issue in some aquatic resource [303(d) list, eutrophic lakes, problems with nuisance and toxic algae]?

 Yes = 1 No = 0 **0**

D 3.3. Has the site been identified in a watershed or local plan as important for maintaining water quality (answer YES if there is a TMDL for the drainage or basin in which the wetland is found)?

 Yes = 2 No = 0 **0**

Total for D 3

Add the points in the boxes above

0**Rating of Value** If score is: 2-4 = H 1 = M 0 = L

Record the rating on the first page

Comments: Areas surrounding the wetland are rated based on their current level of land use as directed by the rating system, which may not appear consistent with aerial imagery of the investigation area.

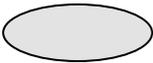
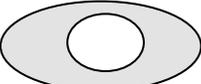
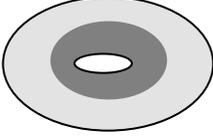
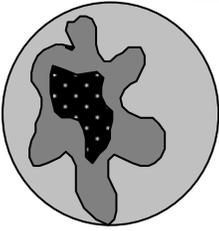
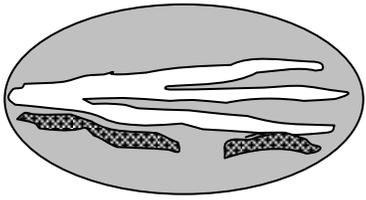
Wetland name or number C

DEPRESSIONAL WETLANDS		Points (only 1 score per box)
Hydrologic Functions - Indicators that the site functions to reduce flooding and erosion.		
D 4.0. Does the site have the potential to reduce flooding and erosion?		
D 4.1. <u>Characteristics of surface water outflows from the wetland:</u> <input type="checkbox"/> Wetland has no surface water outlet points = 8 <input checked="" type="checkbox"/> Wetland has an intermittently flowing outlet points = 4 <input type="checkbox"/> Wetland has a highly constricted permanently flowing outlet points = 4 <input type="checkbox"/> Wetland has a permanently flowing unconfined surface outlet points = 0 <i>(If outlet is a ditch and not permanently flowing treat wetland as "intermittently flowing")</i>		4
D 4.2. <u>Depth of storage during wet periods:</u> <i>Estimate the height of ponding above the bottom of the outlet. For wetlands with no outlet, measure from the surface of permanent water or deepest part (if dry).</i> <input type="checkbox"/> Seasonal ponding: > 3 ft above the lowest point in wetland or the surface of permanent ponding points = 8 <input type="checkbox"/> Seasonal ponding: 2 ft - < 3 ft above the lowest point in wetland or the surface of permanent ponding points = 6 <input type="checkbox"/> The wetland is a headwater wetland points = 4 <input type="checkbox"/> Seasonal ponding: 1 ft - < 2 ft points = 4 <input checked="" type="checkbox"/> Seasonal ponding: 6 in - < 1 ft points = 2 <input type="checkbox"/> Seasonal ponding: < 6 in or wetland has only saturated soils points = 0		2
Total for D 4		Add the points in the boxes above 6
Rating of Site Potential If score is: <input type="checkbox"/> 12-16 = H <input checked="" type="checkbox"/> 6-11 = M <input type="checkbox"/> 0-5 = L <i>Record the rating on the first page</i>		

D 5.0. Does the landscape have the potential to support the hydrologic functions of the site?		
D 5.1. Does the wetland receive stormwater discharges?	<input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/> 0
D 5.2. Is > 10% of the area within 150 ft of the wetland in a land use that generates runoff?	<input checked="" type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input type="checkbox"/> 1
D 5.3. Is more than 25% of the contributing basin of the wetland covered with intensive human land uses?	<input type="checkbox"/> Yes = 1 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/> 0
Total for D 5		Add the points in the boxes above 1
Rating of Landscape Potential If score is: <input type="checkbox"/> 3 = H <input checked="" type="checkbox"/> 1 or 2 = M <input type="checkbox"/> 0 = L <i>Record the rating on the first page</i>		

D 6.0. Are the hydrologic functions provided by the site valuable to society?		
D 6.1. <u>The wetland is in a landscape that has flooding problems.</u> Choose the description that best matches conditions around the wetland being rated. <i>Do not add points. Choose the highest score if more than one condition is met.</i> The wetland captures surface water that would otherwise flow down-gradient into areas where flooding has damaged human or natural resources (e.g., houses or salmon redds), AND <input type="checkbox"/> Flooding occurs in sub-basin that is immediately down-gradient of wetland points = 2 <input type="checkbox"/> Surface flooding problems are in a sub-basin farther down-gradient points = 1 <input checked="" type="checkbox"/> The existing or potential outflow from the wetland is so constrained by human or natural conditions that the water stored by the wetland cannot reach areas that flood. <i>Explain why</i> <u>Wetland outlets its hydrology only to the constrained localized area.</u> points = 0 <input type="checkbox"/> There are no problems with flooding downstream of the wetland points = 0		0
D 6.2. Has the site has been identified as important for flood storage or flood conveyance in a regional flood control plan?	<input type="checkbox"/> Yes = 2 <input type="checkbox"/> No = 0	<input checked="" type="checkbox"/> 0
Total for D 6		Add the points in the boxes above 0
Rating of Value If score is: <input type="checkbox"/> 2-4 = H <input type="checkbox"/> 1 = M <input checked="" type="checkbox"/> 0 = L <i>Record the rating on the first page</i>		

Wetland name or number C

These questions apply to wetlands of all HGM classes.		(only 1 score per box)
HABITAT FUNCTIONS - Indicators that site functions to provide important habitat		
H 1.0. Does the wetland have the potential to provide habitat for many species?		
<p>H 1.1. Structure of the plant community: <i>Check the Cowardin vegetation classes present and categories of emergent plants. Size threshold for each category is $\geq \frac{1}{4}$ ac or $\geq 10\%$ of the wetland if wetland is < 2.5 ac.</i></p> <p><input checked="" type="checkbox"/> Aquatic bed <input checked="" type="checkbox"/> Emergent plants 0-12 in (0-30 cm) high are the highest layer and have $> 30\%$ cover <input type="checkbox"/> Emergent plants >12-40 in (>30-100 cm) high are the highest layer with $>30\%$ cover <input type="checkbox"/> Emergent plants > 40 in (> 100 cm) high are the highest layer with $>30\%$ cover <input type="checkbox"/> Scrub-shrub (areas where shrubs have $>30\%$ cover) 4 or more checks: points = 3 <input checked="" type="checkbox"/> Forested (areas where trees have $>30\%$ cover) 3 checks: points = 2 2 checks: points = 1 1 check: points = 0</p>	2	
H 1.2. Is one of the vegetation types Aquatic Bed?	<input checked="" type="checkbox"/> Yes = 1 No = 0 <input type="checkbox"/>	1
<p>H 1.3. <u>Surface water</u></p> <p>H 1.3.1. Does the wetland have areas of open water (without emergent or shrub plants) over at least $\frac{1}{4}$ ac OR 10% of its area during the March to early June OR in August to the end of September? <i>Answer YES for Lake Fringe wetlands.</i> <input checked="" type="checkbox"/> Yes = 3 points & go to H 1.4 No = go to H 1.3.2 <input type="checkbox"/></p> <p>H 1.3.2. Does the wetland have an intermittent or permanent, and unvegetated stream within its boundaries, or along one side, over at least $\frac{1}{4}$ ac or 10% of its area? <i>Answer yes only if H 1.3.1 is No.</i> <input type="checkbox"/> Yes = 3 No = 0 <input checked="" type="checkbox"/></p>	3	
<p>H 1.4. <u>Richness of plant species</u></p> <p>Count the number of plant species in the wetland that cover at least 10 ft². <i>Different patches of the same species can be combined to meet the size threshold. You do not have to name the species. Do not include Eurasian milfoil, reed canarygrass, purple loosestrife, Russian olive, Phragmites, Canadian thistle, yellow-flag iris, and saltcedar (Tamarisk)</i></p> <p># of species _____</p> <p style="text-align: right;">Scoring: > 9 species: points = 2 <input type="checkbox"/> 4-9 species: points = 1 <input checked="" type="checkbox"/> < 4 species: points = 0 <input type="checkbox"/></p>	1	
<p>H 1.5. <u>Interspersion of habitats</u></p> <p>Decide from the diagrams below whether interspersion among types of plant structures (described in H 1.1), and unvegetated areas (open water or mudflats) is high, moderate, low, or none.</p> <p><i>Use map of Cowardin and emergent plant classes prepared for questions H 1.1 and map of open water from H 1.3. If you have four or more plant classes or three classes and open water, the rating is always high.</i></p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p><input type="checkbox"/> None = 0 points</p> </div> <div style="text-align: center;">  <p><input type="checkbox"/> Low = 1 point</p> </div> <div style="text-align: center;">  <p><input type="checkbox"/> Moderate = 2 points</p> </div> <div style="text-align: center;">  </div> </div> <p>All three diagrams in this row are</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p><input checked="" type="checkbox"/> High = 3 points</p> </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  <p>Riparian braided channels with 2 classes</p> </div> </div>	3	Figure__

Wetland name or number C

H 1.6. Special habitat features <i>Check the habitat features that are present in the wetland. The number of checks is the number of points.</i>		
<input type="checkbox"/> Loose rocks larger than 4 in OR large, downed, woody debris (> 4 in diameter) within the area of surface ponding or in stream.		
<input checked="" type="checkbox"/> Cattails or bulrushes are present within the wetland.		
<input type="checkbox"/> Standing snags (diameter at the bottom > 4 in) in the wetland or within 30 m (100 ft) of the edge.		
<input checked="" type="checkbox"/> Emergent or shrub vegetation in areas that are permanently inundated/ponded.		
<input type="checkbox"/> Stable steep banks of fine material that might be used by beaver or muskrat for denning (> 45 degree slope) OR signs of recent beaver activity		
<input type="checkbox"/> Invasive species cover less than 20% in each stratum of vegetation (<i>canopy, sub-canopy, shrubs, herbaceous, moss/ground cover</i>)		
Total for H 1		12

Rating of Site Potential If score is: 15-18 = H 7-14 = M 0-6 = L Record the rating on the first page

H 2.0. Does the landscape have the potential to support habitat functions of the site?		
H 2.1. Accessible habitat (only area of habitat abutting wetland). If total accessible habitat is: <i>Calculate: % undisturbed habitat</i> <u>15</u> <i>+ [(% moderate and low intensity land uses)/2]</i> <u>10</u> <i>=</i> <u>25</u> <i>%</i>		
<input type="checkbox"/> > 1/3 (33.3%) of 1 km Polygon	points = 3	
<input type="checkbox"/> 20-33% of 1km Polygon	points = 2	
<input checked="" type="checkbox"/> 10-19% of 1km Polygon	points = 1	
<input type="checkbox"/> <10% of 1km Polygon	points = 0	
H 2.2. Undisturbed habitat in 1 km Polygon around wetland. <i>Calculate: % undisturbed habitat</i> <u>39</u> <i>+ [(% moderate and low intensity land uses)/2]</i> <u>16</u> <i>=</i> <u>55</u> <i>%</i>		
<input checked="" type="checkbox"/> Undisturbed habitat > 50% of Polygon	points = 3	
<input type="checkbox"/> Undisturbed habitat 10 - 50% and in 1-3 patches	points = 2	
<input type="checkbox"/> Undisturbed habitat 10 - 50% and > 3 patches	points = 1	
<input type="checkbox"/> Undisturbed habitat < 10% of Polygon	points = 0	
H 2.3. Land use intensity in 1 km Polygon:		
<input type="checkbox"/> > 50% of Polygon is high intensity land use	points = (- 2)	
<input checked="" type="checkbox"/> Does not meet criterion above	points = 0	
H 2.4. The wetland is in an area where annual rainfall is less than 12 in, and its water regime is not influenced by irrigation practices, dams, or water control structures. Generally, this means outside boundaries of reclamation areas, irrigation districts, or reservoirs		
	<input type="checkbox"/> Yes = 3 <input type="checkbox"/> No = 0 <input checked="" type="checkbox"/>	0
Total for H 2		4

Rating of Landscape Potential If score is: 4-9 = H 1-3 = M < 1 = L Record the rating on the first page

H 3.0. Is the habitat provided by the site valuable to society?		
H 3.1. Does the site provide habitat for species valued in laws, regulations, or policies? Choose the highest score that applies to the wetland being rated		
Site meets ANY of the following criteria:		points = 2
<input type="checkbox"/> It has 3 or more priority habitats within 100 m (see Appendix B)		
<input type="checkbox"/> It provides habitat for Threatened or Endangered species (any plant or animal on state or federal lists)		
<input checked="" type="checkbox"/> It is mapped as a location for an individual WDFW species		
<input type="checkbox"/> It is a Wetland of High Conservation Value as determined by the Department of Natural Resources		
<input type="checkbox"/> It has been categorized as an important habitat site in a local or regional comprehensive plan, in a Shoreline Master Plan, or in a watershed plan		
<input type="checkbox"/> Site has 1 or 2 priority habitats within 100 m (see Appendix B)	points = 1	
<input type="checkbox"/> Site does not meet any of the criteria above	points = 0	

Rating of Value If score is: 2 = H 1 = M 0 = L Record the rating on the first page

Wetland name or number C

CATEGORIZATION BASED ON SPECIAL CHARACTERISTICS

Please determine if the wetland meets the attributes described below and circle the appropriate category. NOTE: A wetland may meet the criteria for more than one set of special characteristics. Record all those that apply. NOTE: All wetlands should also be characterized based on their functions.

Wetland Type	Category
<i>Check off any criteria that apply to the wetland. Circle the category when the appropriate criteria are met.</i>	
<p>SC 1.0. Vernal pools</p> <p>Is the wetland less than 4000 ft², and does it meet at least two of the following criteria?</p> <ul style="list-style-type: none"> — Its only source of water is rainfall or snowmelt from a small contributing basin and has no groundwater input. — Wetland plants are typically present only in the spring; the summer vegetation is typically upland annuals. <i>If you find perennial, obligate, wetland plants, the wetland is probably NOT a vernal pool.</i> — The soil in the wetland is shallow [< 1 ft (30 cm) deep] and is underlain by an impermeable layer such as basalt or clay. — Surface water is present for less than 120 days during the wet season. <p style="text-align: right;">Yes – Go to SC 1.1 No = Not a vernal pool</p> <p>SC 1.1. Is the vernal pool relatively undisturbed in February and March? Yes – Go to SC 1.2 No = Not a vernal pool with special characteristics</p>	
<p>SC 1.2. Is the vernal pool in an area where there are at least 3 separate aquatic resources within 0.5 mi (other wetlands, rivers, lakes etc.)? Yes = Category II No = Category III</p>	Cat. II Cat. III
<p>SC 2.0. Alkali wetlands</p> <p>Does the wetland meet one of the following criteria?</p> <ul style="list-style-type: none"> — The wetland has a conductivity > 3.0 mS/cm. — The wetland has a conductivity between 2.0 and 3.0 mS, and more than 50% of the plant cover in the wetland can be classified as “alkali” species (see Table 4 for list of plants found in alkali systems). — If the wetland is dry at the time of your field visit, the central part of the area is covered with a layer of salt. <p>OR does the wetland unit meet two of the following three sub-criteria?</p> <ul style="list-style-type: none"> — Salt encrustations around more than 75% of the edge of the wetland — More than $\frac{3}{4}$ of the plant cover consists of species listed on Table 4 — A pH above 9.0. All alkali wetlands have a high pH, but please note that some freshwater wetlands may also have a high pH. Thus, pH alone is not a good indicator of alkali wetlands. <p style="text-align: right;">Yes = Category I No = Not an alkali wetland</p>	Cat. I
<p>SC 3.0. Wetlands of High Conservation Value (WHCV)</p> <p>SC 3.1. Has the WA Department of Natural Resources updated their website to include the list of Wetlands of High Conservation Value? Yes – Go to SC 3.2 No – Go to SC 3.3</p> <p>SC 3.2. Is the wetland listed on the WDNR database as a Wetland of High Conservation Value? Yes = Category I No = Not a WHCV</p> <p>SC 3.3. Is the wetland in a Section/Township/Range that contains a Natural Heritage wetland? http://www1.dnr.wa.gov/nhp/refdesk/datasearch/wnhpwetlands.pdf Yes – Contact WNHP/WDNR and go to SC 3.4 No = Not a WHCV</p> <p>SC 3.4. Has WDNR identified the wetland within the S/T/R as a Wetland of High Conservation Value and it is listed on their website? Yes = Category I No = Not a WHCV</p>	Cat. I

Wetland name or number C

<p>SC 4.0 Bogs and Calcareous Fens Does the wetland (or any part of the wetland unit) meet both the criteria for soils and vegetation in bogs or calcareous fens? <i>Use the key below to identify if the wetland is a bog or calcareous fen. If you answer yes you will still need to rate the wetland based on its functions.</i></p> <p>SC 4.1. Does an area within the wetland have organic soil horizons (i.e., layers of organic soil), either peats or mucks, that compose 16 in or more of the first 32 in of the soil profile? <i>See Appendix C for a field key to identify organic soils.</i> Yes – Go to SC 4.3 No – Go to SC 4.2</p> <p>SC 4.2. Does an area within the wetland have organic soils, either peats or mucks, that are less than 16 in deep over bedrock or an impermeable hardpan such as clay or volcanic ash, or that are floating on top of a lake or pond? Yes – Go to SC 4.3 No = Is not a bog for rating</p> <p>SC 4.3. Does an area within the wetland have more than 70% cover of mosses at ground level AND at least 30% of the total plant cover consists of species in Table 5? Yes = Category I bog No – Go to SC 4.4 NOTE: If you are uncertain about the extent of mosses in the understory, you may substitute that criterion by measuring the pH of the water that seeps into a hole dug at least 16 in deep. If the pH is less than 5.0 and the plant species in Table 5 are present, the wetland is a bog.</p> <p>SC 4.4. Is an area with peats or mucks forested (> 30% cover) with subalpine fir, western red cedar, western hemlock, lodgepole pine, quaking aspen, Engelmann spruce, or western white pine, AND any of the species (or combination of species) listed in Table 5 provide more than 30% of the cover under the canopy? Yes = Category I bog No – Go to SC 4.5</p> <p>SC 4.5. Do the species listed in Table 6 comprise at least 20% of the total plant cover within an area of peats and mucks? Yes = Is a Calcareous Fen for purpose of rating No – Go to SC 4.6</p> <p>SC 4.6. Do the species listed in Table 6 comprise at least 10% of the total plant cover in an area of peats and mucks, AND one of the two following conditions is met: — Marl deposits [calcium carbonate (CaCO₃) precipitate] occur on the soil surface or plant stems — The pH of free water is ≥ 6.8 AND electrical conductivity is ≥ 200 uS/cm at multiple locations within the wetland Yes = Is a Category I calcareous fen No = Is not a calcareous fen</p>	<p>Cat. I</p> <p>Cat. I</p>
<p>SC 5.0. Forested Wetlands Does the wetland have an area of forest rooted within its boundary that meets at least one of the following three criteria? (<i>Continue only if you have identified that a forested class is present in question H 1.1</i>)</p> <ul style="list-style-type: none"> — The wetland is within the 100 year floodplain of a river or stream — Aspen (<i>Populus tremuloides</i>) represents at least 20% of the total cover of woody species — There is at least ¼ ac of trees (even in wetlands smaller than 2.5 ac) that are “mature” or “old-growth” according to the definitions for these priority habitats developed by WDFW (<i>see definitions in question H3.1</i>) <p>Yes – Go to SC 5.1 No = Not a forested wetland with special characteristics</p> <p>SC 5.1. Does the wetland have a forest canopy where more than 50% of the tree species (by cover) are slow growing native trees (<i>see Table 7</i>)? Yes = Category I No – Go to SC 5.2</p> <p>SC 5.2. Does the wetland have areas where aspen (<i>Populus tremuloides</i>) represents at least 20% of the total cover of woody species? Yes = Category I No – Go to SC 5.3</p> <p>SC 5.3. Does the wetland have at least ¼ acre with a forest canopy where more than 50% of the tree species (by cover) are fast growing species (<i>see Table 7</i>)? Yes = Category II No – Go to SC 5.4</p> <p>SC 5.4. Is the forested component of the wetland within the 100 year floodplain of a river or stream? Yes = Category II No = Not a forested wetland with special characteristics</p>	<p>Cat. I</p> <p>Cat. I</p> <p>Cat. II</p> <p>Cat. II</p>
<p>Category of wetland based on Special Characteristics <i>Choose the highest rating if wetland falls into several categories</i> If you answered No for all types, enter “Not Applicable” on Summary Form</p>	

Appendix B: WDFW Priority Habitats in Eastern Washington

Priority habitats listed by WDFW (see complete descriptions of WDFW priority habitats, and the counties in which they can be found, in: Washington Department of Fish and Wildlife. 2008. Priority Habitat and Species List. Olympia, Washington. 177 pp. <http://wdfw.wa.gov/publications/00165/wdfw00165.pdf> or access the list from here: <http://wdfw.wa.gov/conservation/phs/list/>)

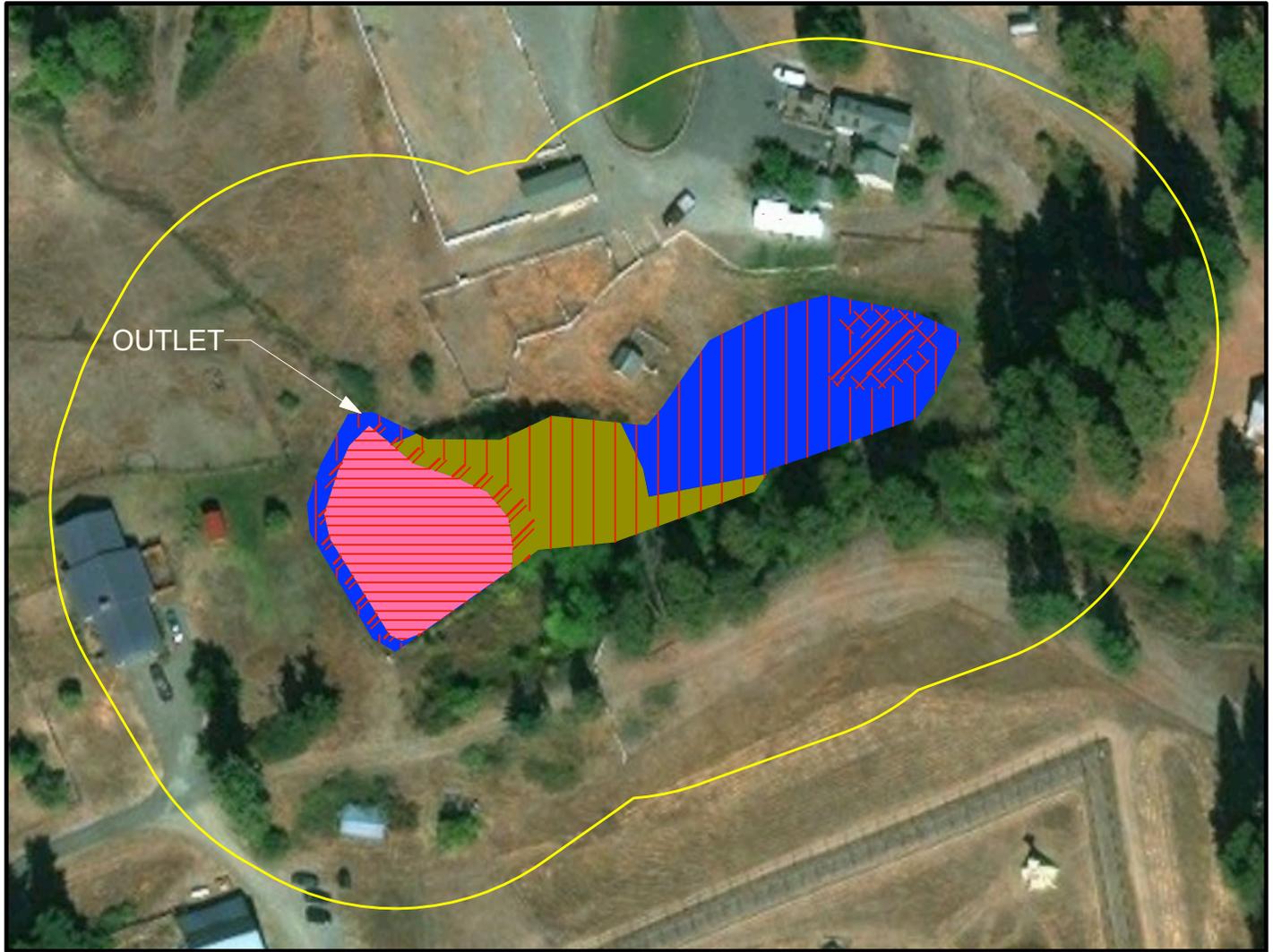
Count how many of the following priority habitats are within 330 ft (100 m) of the wetland: **NOTE:** *This question is independent of the land use between the wetland and the priority habitat.*

- Aspen Stands:** Pure or mixed stands of aspen greater than 1 ac (0.4 ha).
- Biodiversity Areas and Corridors:** Areas of habitat that are relatively important to various species of native fish and wildlife (*full descriptions in WDFW PHS report*).
- Old-growth/Mature forests:** Old-growth east of Cascade crest – Stands are highly variable in tree species composition and structural characteristics due to the influence of fire, climate, and soils. In general, stands will be >150 years of age, with 10 trees/ac (25 trees/ha) that are > 21 in (53 cm) dbh, and 1-3 snags/ac (2.5-7.5 snags/ha) that are > 12-14 in (30-35 cm) diameter. Downed logs may vary from abundant to absent. Canopies may be single or multi-layered. Evidence of human-caused alterations to the stand will be absent or so slight as to not affect the ecosystem's essential structures and functions. Mature forests – Stands with average diameters exceeding 21 in (53 cm) dbh; crown cover may be less than 100%; decay, decadence, numbers of snags, and quantity of large downed material is generally less than that found in old-growth; 80-200 years old west and 80-160 years old east of the Cascade crest.
- Oregon White Oak:** Woodland stands of pure oak or oak/conifer associations where canopy coverage of the oak component is important (*full descriptions in WDFW PHS report p. 158 – see web link above*).
- Riparian:** The area adjacent to aquatic systems with flowing water that contains elements of both aquatic and terrestrial ecosystems which mutually influence each other.
- Instream:** The combination of physical, biological, and chemical processes and conditions that interact to provide functional life history requirements for instream fish and wildlife resources.
- Caves:** A naturally occurring cavity, recess, void, or system of interconnected passages under the earth in soils, rock, ice, or other geological formations and is large enough to contain a human.
- Cliffs:** Greater than 25 ft (7.6 m) high and occurring below 5000 ft elevation.
- Talus:** Homogenous areas of rock rubble ranging in average size 0.5 - 6.5 ft (0.15 - 2.0 m), composed of basalt, andesite, and/or sedimentary rock, including riprap slides and mine tailings. May be associated with cliffs.
- Snags and Logs:** Trees are considered snags if they are dead or dying and exhibit sufficient decay characteristics to enable cavity excavation/use by wildlife. Priority snags have a diameter at breast height of > 12 in (30 cm) in eastern Washington and are > 6.5 ft (2 m) in height. Priority logs are > 12 in (30 cm) in diameter at the largest end, and > 20 ft (6 m) long.
- Shrub-steppe:** A nonforested vegetation type consisting of one or more layers of perennial bunchgrasses and a conspicuous but discontinuous layer of shrubs (see Eastside Steppe for sites with little or no shrub cover).
- Eastside Steppe:** Nonforested vegetation type dominated by broadleaf herbaceous flora (i.e., forbs), perennial bunchgrasses, or a combination of both. Bluebunch wheatgrass (*Pseudoroegneria spicata*) is often the prevailing cover component along with Idaho fescue (*Festuca idahoensis*), Sandberg bluegrass (*Poa secunda*), rough fescue (*F. campestris*), or needlegrasses (*Achnatherum* spp.).
- Juniper Savannah:** All juniper woodlands.

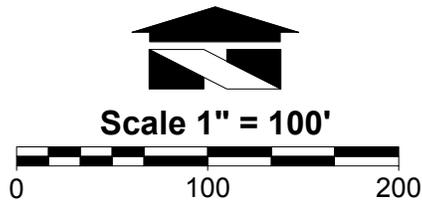
Note: All vegetated wetlands are by definition a priority habitat but are not included in this list because they are addressed elsewhere.

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CHIMPANZEE SANCTUARY - HWY 10
 WETLAND RATING FIGURE 1 - WETLAND C



LEGEND	
	SCRUB-SHRUB
	AQUATIC BED
	EMERGENT VEGETATION
	FORESTED VEGETATION
	SATURATED ONLY
	SEASONALLY FLOODED
	PERMANENTLY FLOODED
	150' FROM WL BOUNDARY



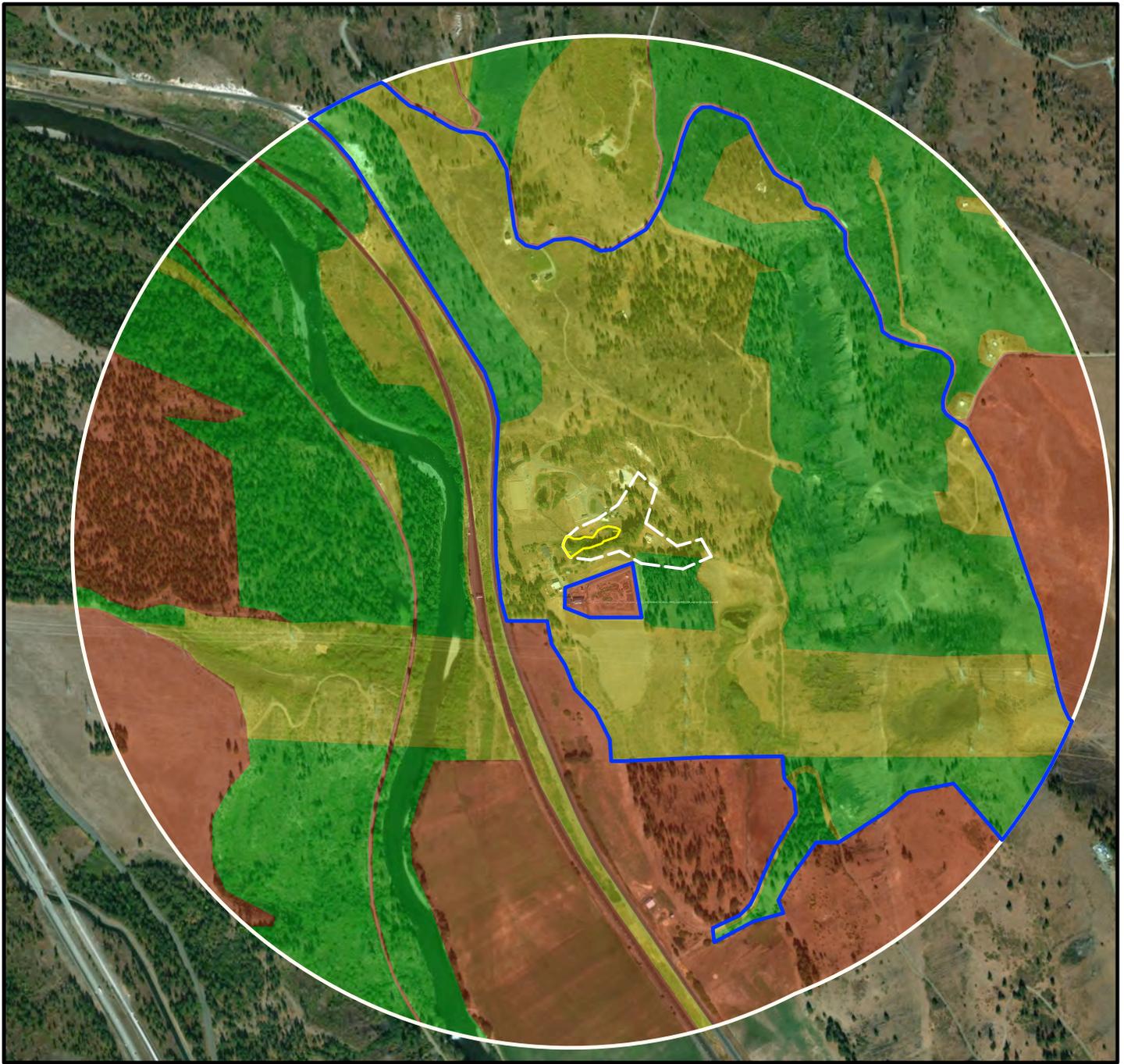
Wetland Resources, Inc.
 Delineation / Mitigation / Restoration / Habitat Creation / Permit Assistance
 9505 19th Avenue S.E. Suite 106 Everett, Washington 98208
 Phone: (425) 337-3174
 Fax: (425) 337-3045
 Email: mailbox@wetlandresources.com

WETLAND RATING
Wetland C

Chimpanzee Sanctuary NW
 Attn: J. B. Mulcahy
 PO Box 952
 Cle Elum, WA 98922

Figure C1
 WRI Job # 18059
 Rated by: EC

CHIMPANZEE SANCTUARY - HWY 10
 WETLAND RATING FIGURE 2 - WETLAND C



**CONTRIBUTING BASIN
 AREA RELATIVE TO
 WETLAND UNIT IS 8:1**

LEGEND

- RELATIVELY UNDISTURBED
- LOW/MOD. INTENSITY
- HIGH INTENSITY
- ACCESSIBLE HABITAT
- WETLAND
- 1 KM FROM WETLAND
- CONTRIBUTING BASIN



Scale 1" = 1,000'



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 Email: mailbox@wetlandresources.com

**WETLAND RATING
 Wetland C**

Chimpanzee Sanctuary NW
 Attn: J. B. Mulcahy
 PO Box 952
 Cle Elum, WA 98922

Figure C2
 WRI Job # 18059
 Rated by: EC

CHIMPANZEE SANCTUARY - HWY 10
 WETLAND RATING FIGURE 3 - WETLAND C



Scale 1" = 3,000'



LEGEND

-  WETLAND
-  AQUATIC RESOURCES ON THE 303(d) LIST
-  WATERS WITH A TMDL

Wetland Resources, Inc.
 Delineation / Mitigation / Restoration / Habitat Creation / Permit Assistance
 9505 19th Avenue S.E. Suite 106 Everett, Washington 98208
 Phone: (425) 337-3174
 Fax: (425) 337-3045
 Email: mailbox@wetlandresources.com

WETLAND RATING
Wetland C

Chimpanzee Sanctuary NW
 Attn: J. B. Mulcahy
 PO Box 952
 Cle Elum, WA 98922

Figure C3
 WRI Job # 18059
 Rated by: EC

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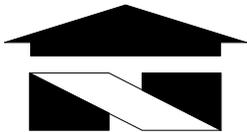
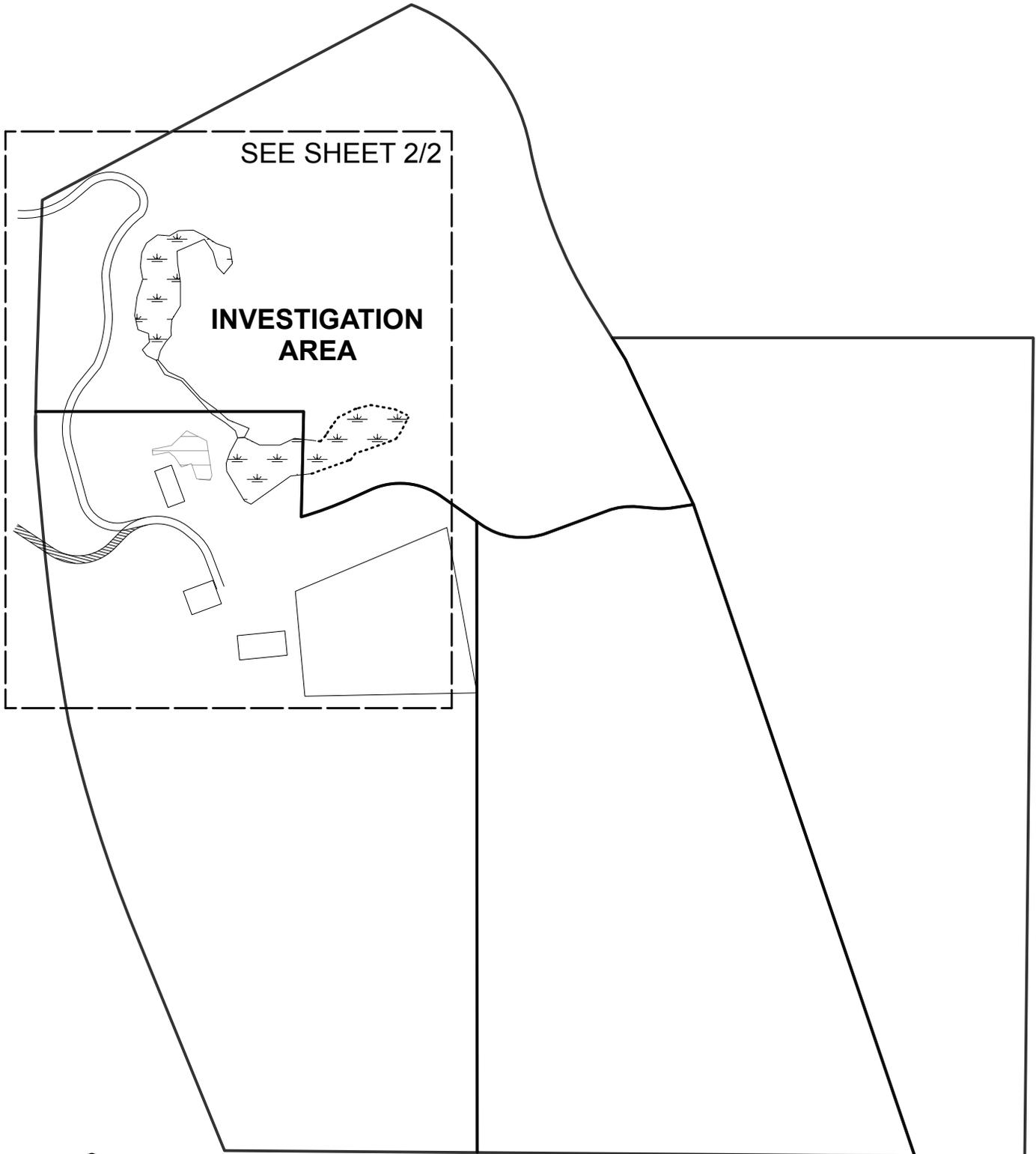
APPENDIX C

CRITICAL AREAS STUDY
AND BUFFER RESTORATION PLAN MAP
(2 SHEETS)

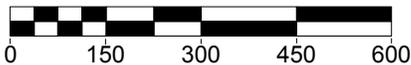
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CRITICAL AREAS STUDY MAP
CHIMPANZEE SANCTUARY NW - DRIVEWAY REPLACEMENT

PORTION OF SECTION 11, TOWNSHIP 19N, RANGE 16E, W.M.



Scale 1" = 300'



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Email: mailbox@wetlandresources.com

CRITICAL AREAS STUDY MAP
Chimpanzee Sanctuary NW
Driveway Replacement
Kittitas County, WA

Chimpanzee Sanctuary NW
Attn: J B Mulcahy
PO Box 952
Cle Elum, WA 98922

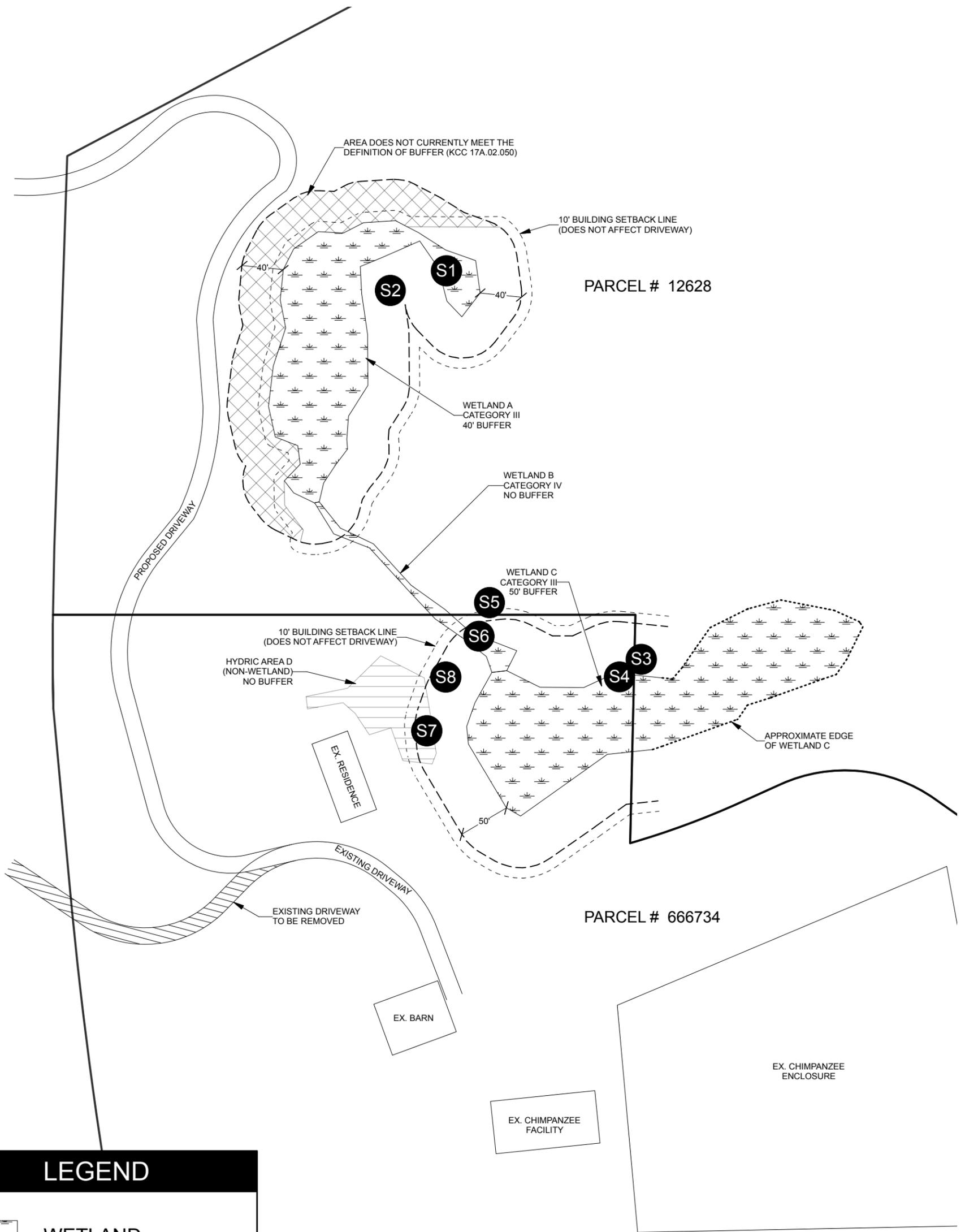
Sheet 1/2
WRI Job#: 18059
Drawn by: S. Walters
Date: May 9, 2018

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CRITICAL AREAS STUDY MAP

CHIMPANZEE SANCTUARY NW - DRIVEWAY REPLACEMENT

PORTION OF SECTION 11, TOWNSHIP 19N, RANGE 16E, W.M.



LEGEND	
	WETLAND
	BUFFER
	DOES NOT MEET BUFFER DEFINITION
	BSBL
	HYDRIC AREA (NON-WETLAND)
	DATA SITES
	PARCEL LINE

Scale 1" = 100'

Wetland Resources, Inc.
Delineation / Mitigation / Restoration / Habitat Creation / Permit Assistance
 9505 19th Avenue S.E., Suite 106 Everett, Washington 98208
 Phone: (425) 337-3174
 Fax: (425) 337-3045
 Email: mailbox@wetlandresources.com

CRITICAL AREAS STUDY MAP
Chimpanzee Sanctuary NW
Driveway Replacement
 Kittitas County, WA

Chimpanzee Sanctuary NW Sheet 2/2
 Attn: J B Mulcahy WRI Job#: 18059
 PO Box 952 Drawn by: S. Walters
 Cle Elum, WA 98922 Date: May 9, 2018

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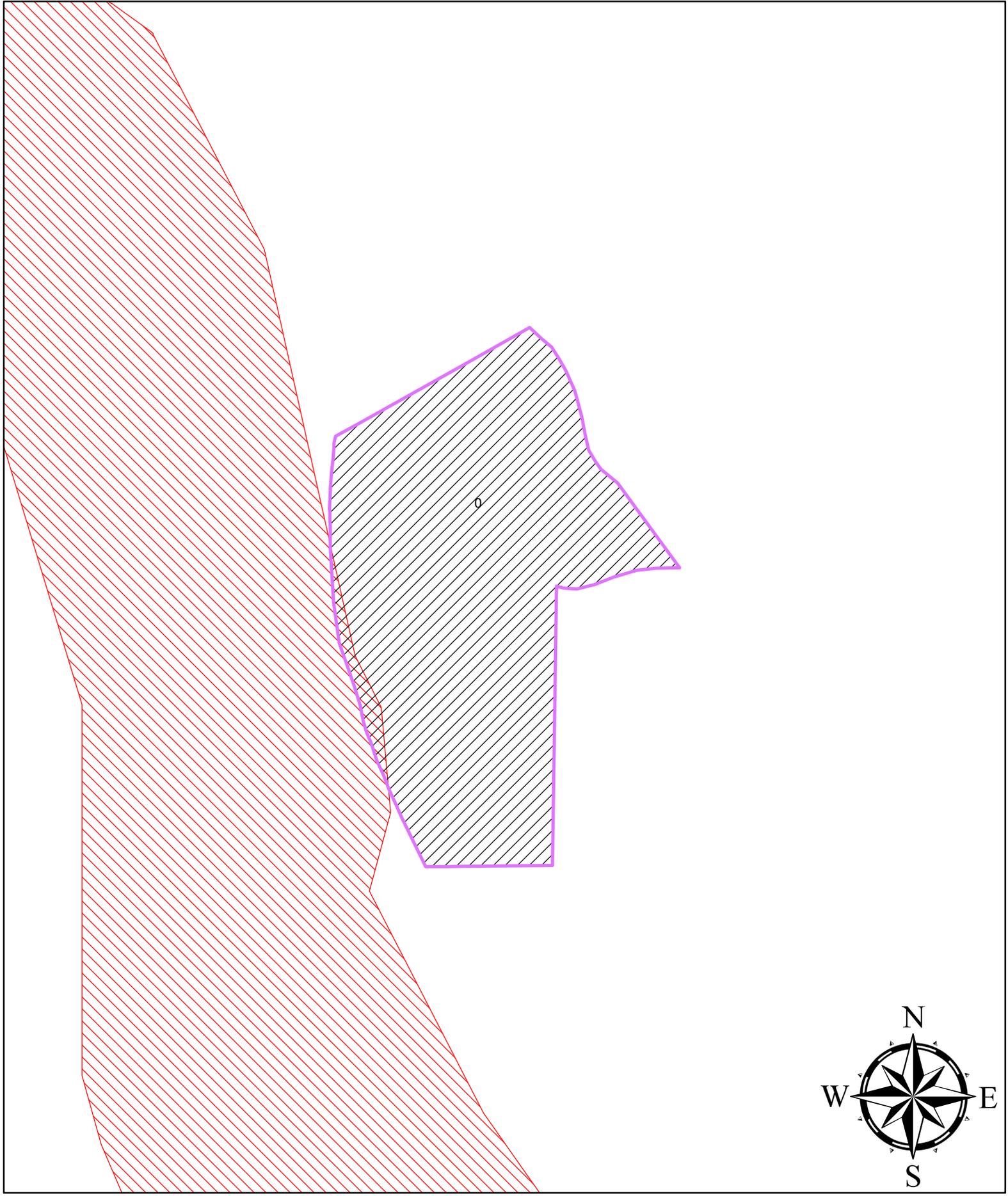


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

SE-18-0005 Chimpanzee Sanctuary NW

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Miles

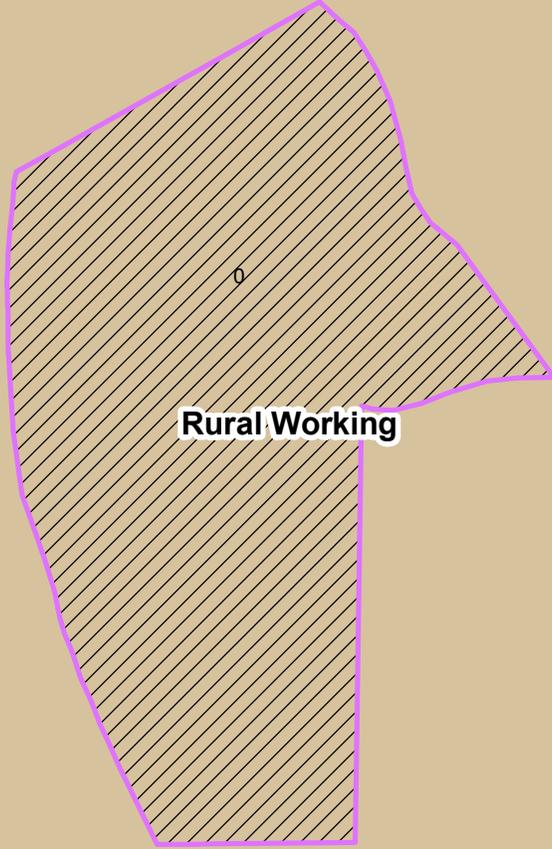
Aerial View



SE-18-00005 Chimpanzee Sanctuary NW

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Miles

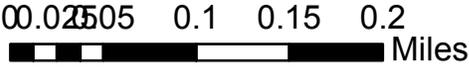
Channel Migration Zones



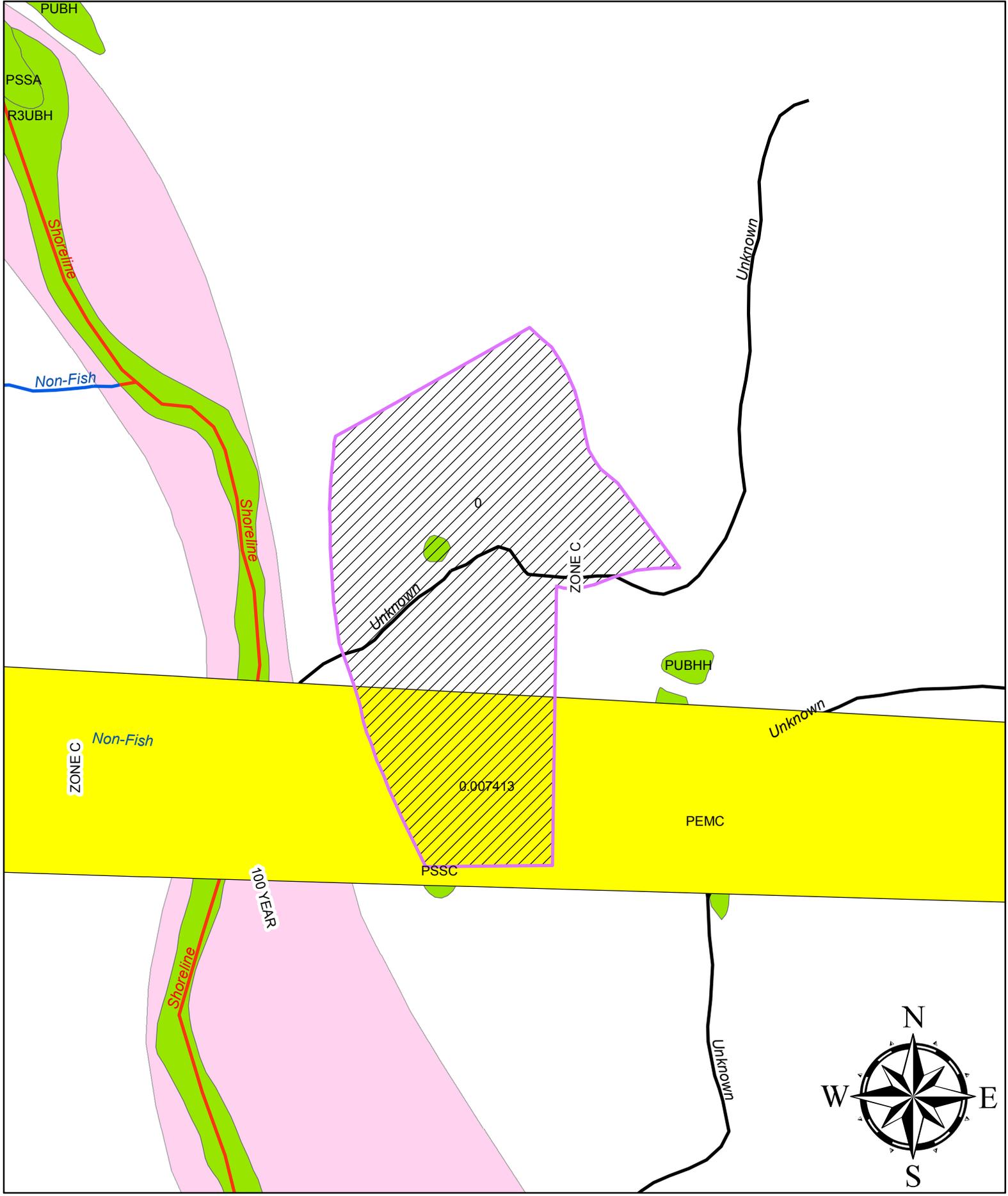
Rural Working



SE-18-00005 Chimpanzee Sanctuary NW



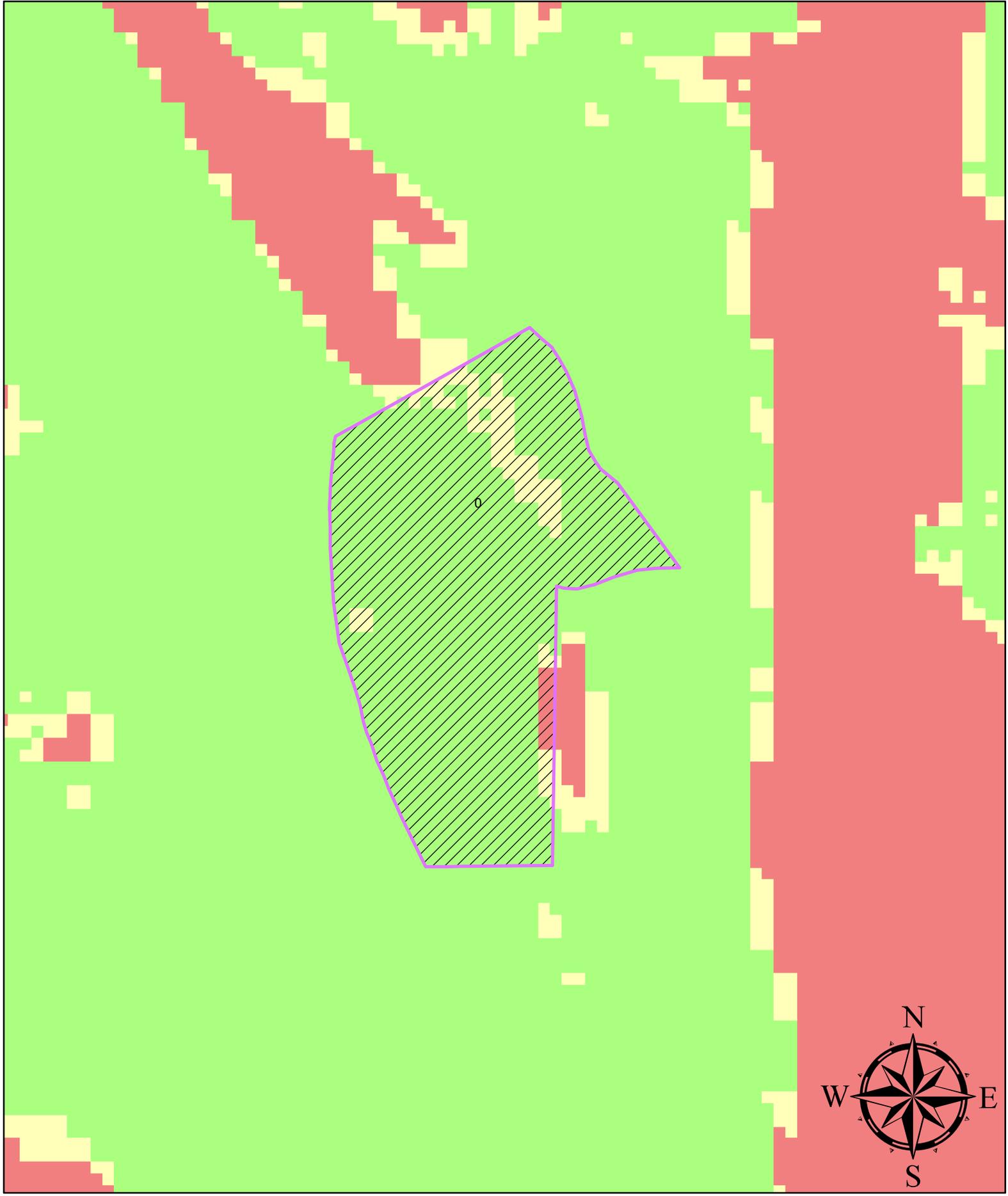
Comprehensive Plan Land Use



SE-18-00005 Chimpanzee Sanctuary NW

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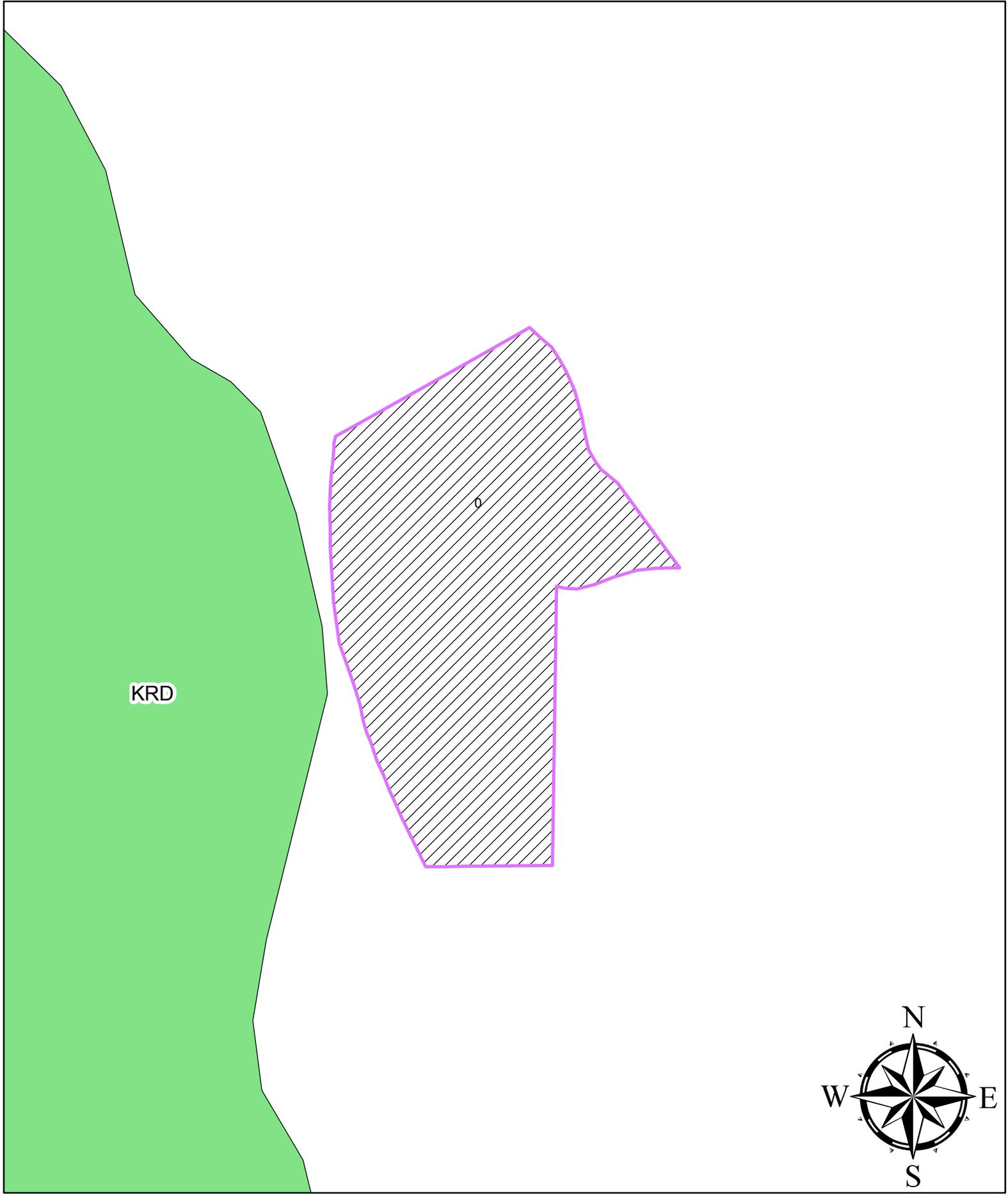
Critical Areas



SE-18-00005 Chimpanzee Sanctuary NW

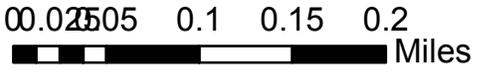
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Hazardous Slopes

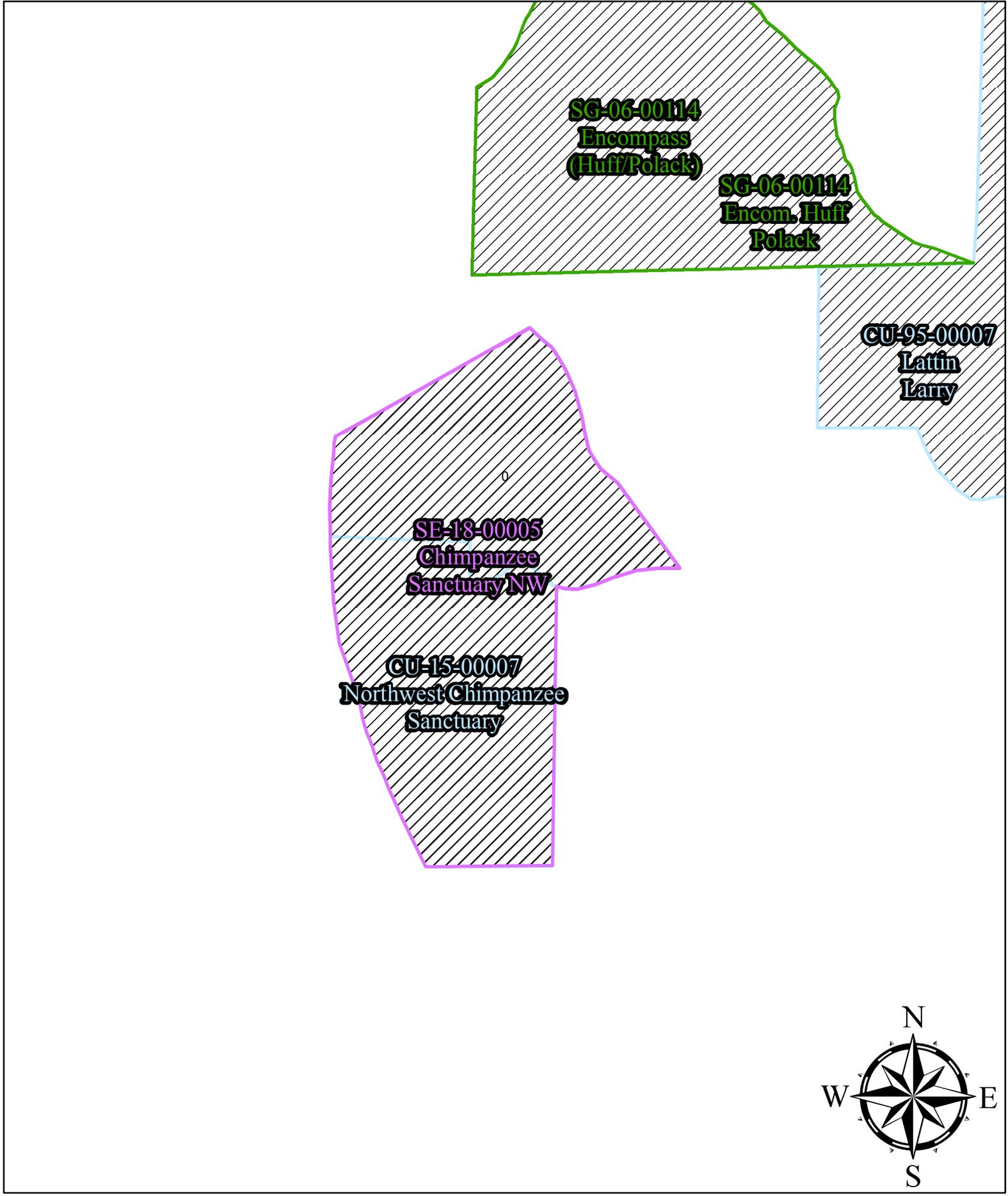


KRD

SE-18-00005 Chimpanzee Sanctuary NW



Irrigation Districts



SE-18-00005 Chimpanzee Sanctuary NW

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Miles

Land Use Projects

UPPER YAKIMA
RIPARIAN AREA

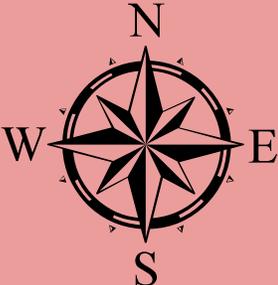
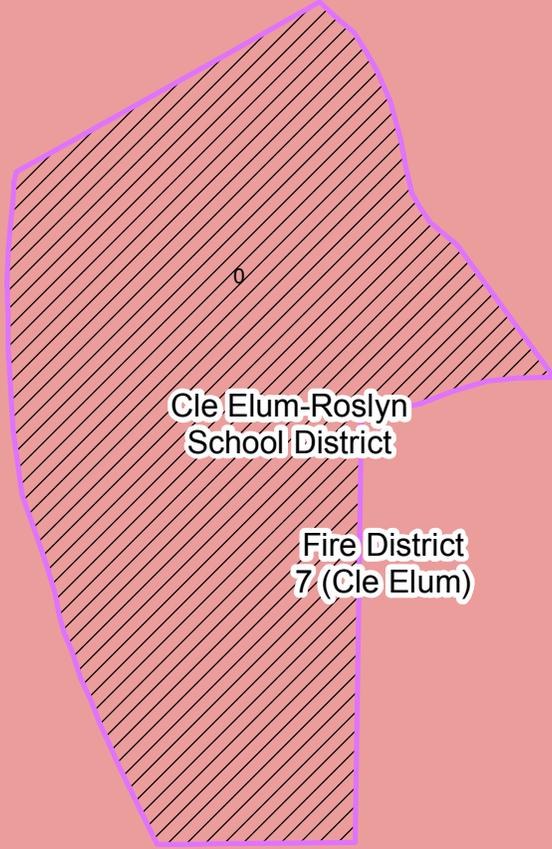
SWAUK
PRAIRIE DEER
WINTER RANGE



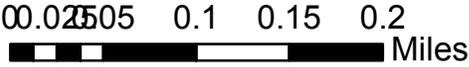
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Miles

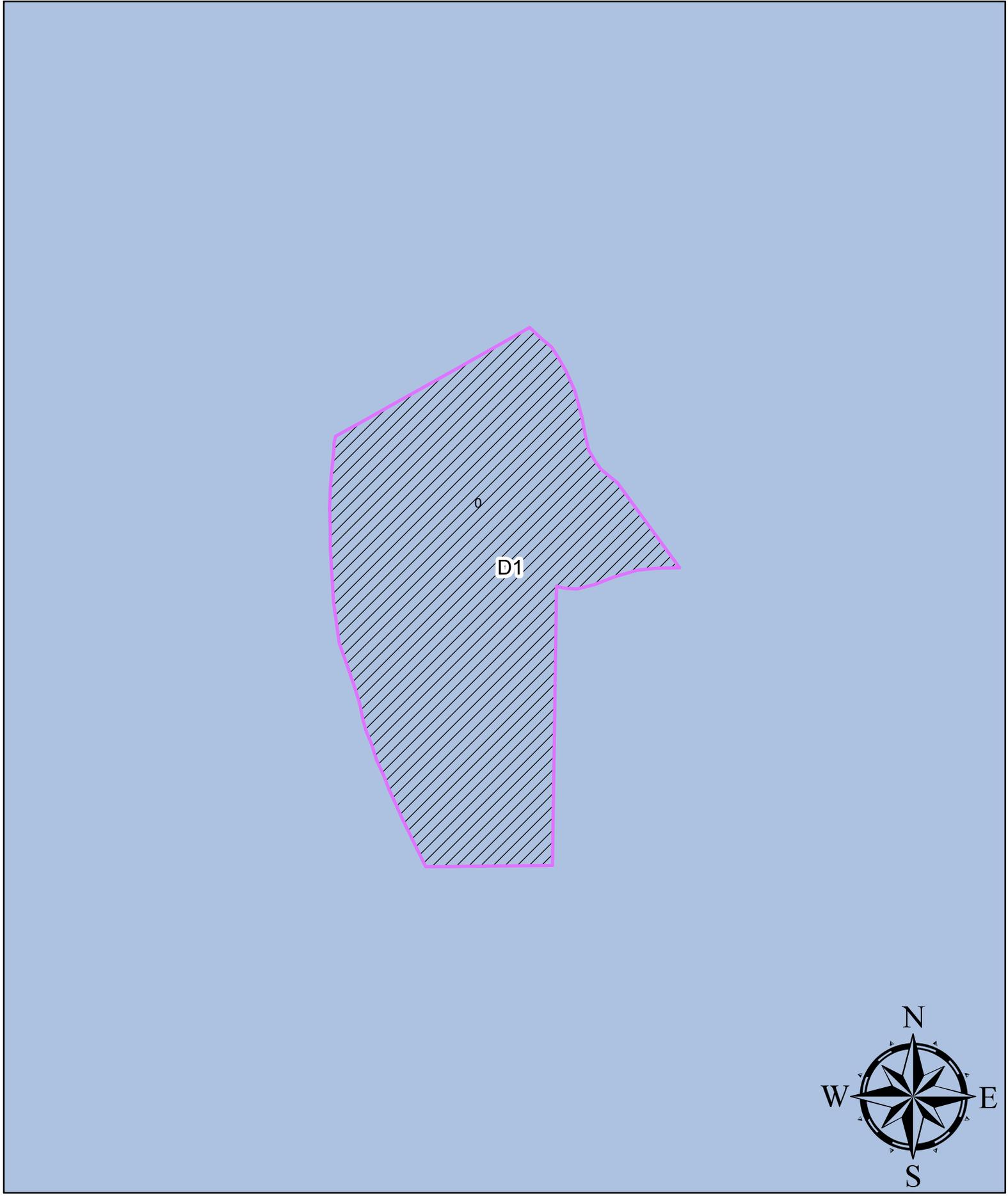
Priority Species Habitat



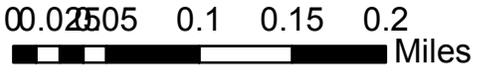
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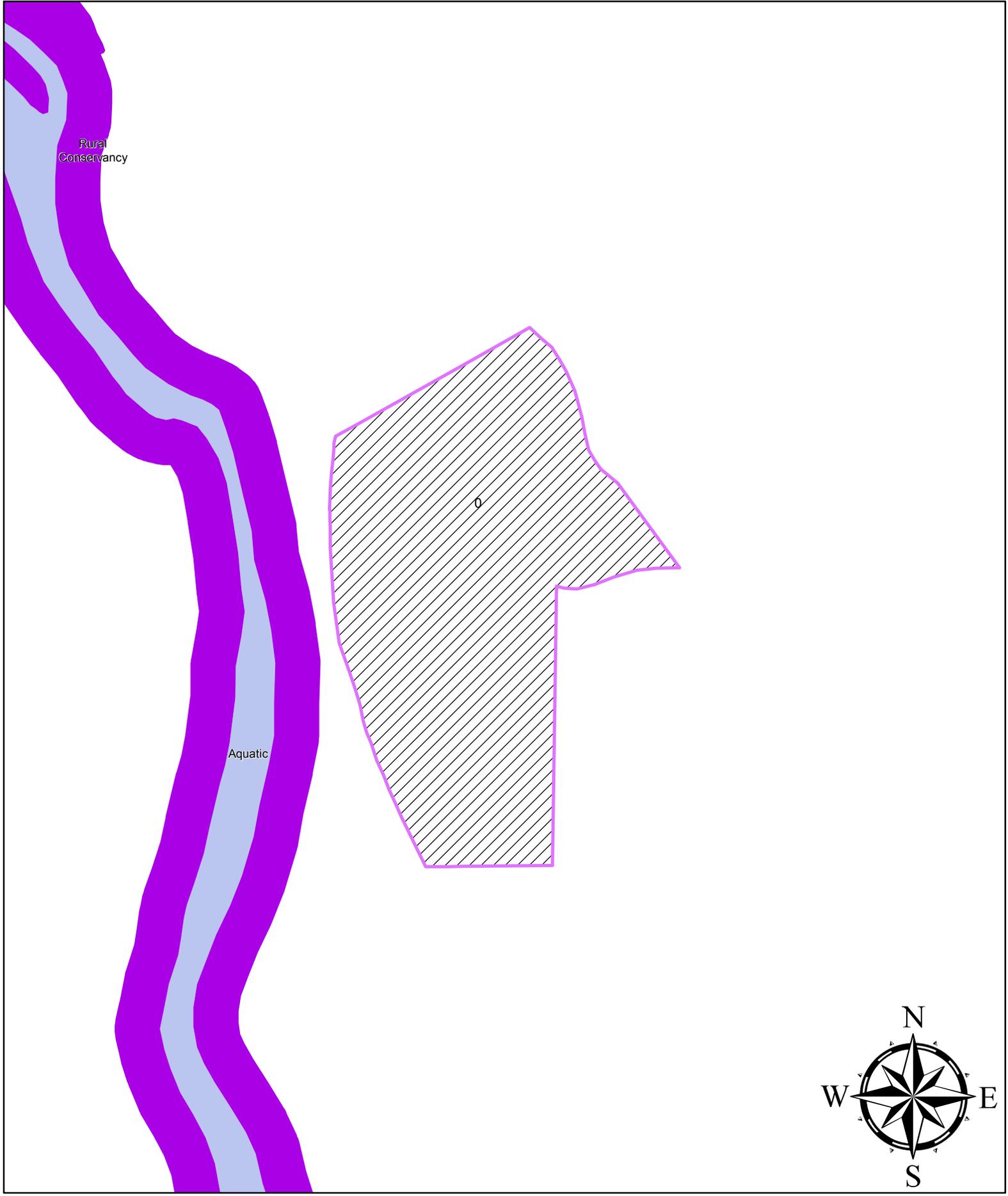
School and Fire Districts



SE-18-00005 Chimpanzee Sanctuary NW



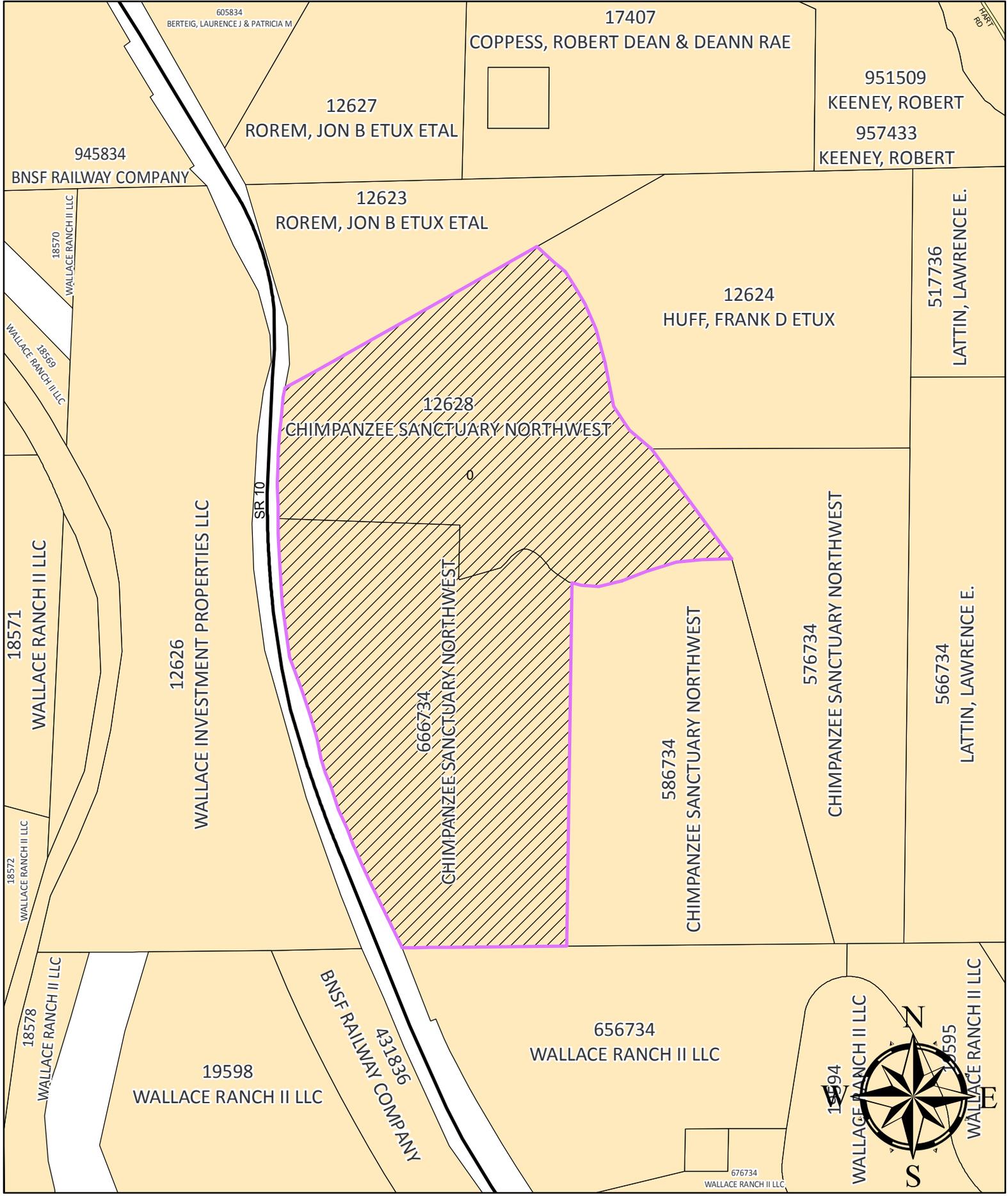
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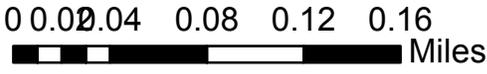
SE-18-00005 Chimpanzee Sanctuary NW

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Miles

Shorelines



SE-18-0005 Chimpanzee Sanctuary NW



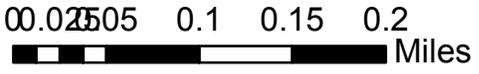
Vicinity



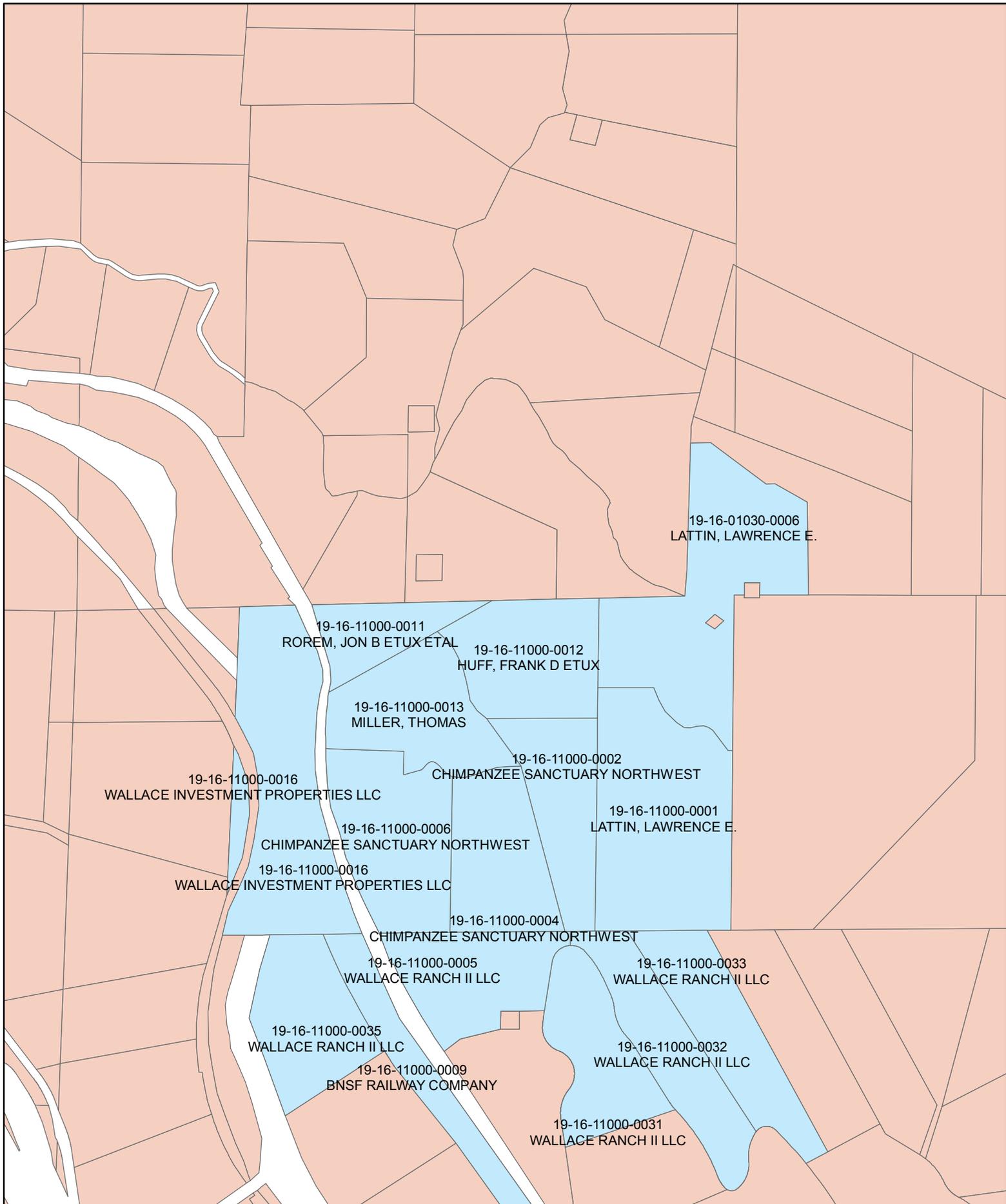
**Forest
and Range**



SE-18-00005 Chimpanzee Sanctuary NW

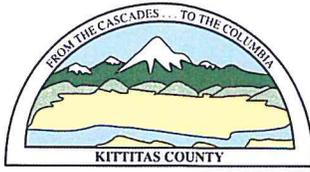


Zoning



SE-18-00005 Chimpanzee NW

Adjacent Parcels



State Environmental Policy Act MITIGATED DETERMINATION OF NONSIGNIFICANCE

- Description:** Northwest Chimpanzee Sanctuary (CU-15-00007) is a proposed addition to a 26.55 acre educational chimpanzee care facility affiliated with Central Washington University. The project is proposed on a site that is zoned Forest and Range. The proposal is classified under Kittitas County Code (KCC) 17.15.040 as a “public or private school” and as such is a conditional use in the Forest and Range zone.
- Proponent:** John B. Mulcahy, landowner.
- Location:** 1 parcel, located approximately 4 miles Southeast of the City of Cle Elum on the east side of State Road 10 in a portions of the NE and NW quarters of Sec 11, T19N, R16E, and WM in Kittitas County, bearing Assessor’s map number 19-16-11000-0006.
- Lead Agency:** Kittitas County Community Development Services

The lead agency for this proposal has determined that the proposal will not have a probable significant adverse impact on the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030 (2) (c) and WAC 197-11. This decision was made after review of a SEPA environmental checklist and other information on file with the lead agency, after considering voluntary mitigation measures which the lead agency or the applicant will implement as part of the proposal, and after considering mitigation measures required by existing laws and regulations that will be implemented by the applicant as part of the Kittitas County permit process. The responsible official finds this information reasonably sufficient to evaluate the environmental impact of this proposal. This information is available to the public on request.

The lead agency has determined that certain mitigation measures are necessary in order to issue a Mitigated Determination of Non-Significance (MDNS) for this proposal. Failure to comply with the mitigation measures identified hereafter will result in the issuance of a Determination of Significance (DS) for this project. The mitigation measures include the following:

Water

- 1) The water system is classified as a Group B water system. The addition of users to the waters system described in the project narrative will require reclassification as a Group A water system. The applicant must submit a Group A application to the State Department of Health.
- 2) The project’s water system shall be subjected to a capacity analysis by a State of Washington licensed engineer.
- 3) All water proposed to be used must be obtained from a water budget neutral source.
- 4) Nitrate tests must be performed on the water system.

- 5) The Washington Department of Ecology requires the NPDES Construction General Permit if there is any potential for stormwater discharge from the construction site.
- 6) The Washington Department of Ecology also believes that wetlands on the property may extend further than is indicated Wetland Inventory Maps. The proposed new road approach may intersect wetland areas or buffers. Wetland reconnaissance is required, and depending upon the outcome, wetland delineation or a wetland mitigation report will be required. The applicant can Contact Catherine Reed at (509) 575-2616 for wetland assistance.

Transportation

- 1) The parcel's approach shall be removed and a new access built moved to the south in order to ensure required sight distance of 495 feet.
- 2) A new Access Connection Permit must be obtained.

Septic and Stormwater

- 1) A Stormwater Plan prepared by a State of Washington licensed engineer is required.

Building

- 1) All buildings and structures shall require full engineering for lateral gravity and fire life-safety.
- 2) All restroom, meeting, and parking facilities shall be ADA accessible.

Fire

- 1) All structures must have adequate fire apparatus access.
- 2) Fire sprinklers shall be required in the new office building.
- 3) Exterior siding and materials shall meet with wildland-urban interface requirements.
- 4) Any gates must meet all standards outlined in KCC 20.03.020.

Cultural Resources and Historic Preservation

- 1) Should ground disturbing or other activities related to the proposed plat result in the inadvertent discovery of cultural or archaeological materials, work shall be stopped in the immediate area and contact be made with the Washington State DAHP. Work shall remain suspended until the find is assessed and appropriate consultation is conducted. Should human remains be inadvertently discovered, as dictated by Washington State RCW 27.44.055, work shall be immediately halted in the area and contact made with the coroner and local law enforcement in the most expeditious manner possible.

Light and Aesthetics

- 1) All outdoor lighting shall be shielded and directed downward to minimize the effect to nearby residential properties and SR 10.
- 2) Any signage for the proposed use will require a sign permit as per KCC 17.70 and may not be located in State or County right of way.

Noise

- 1) Development and construction practices during building of this project shall only occur between the hours of 7:00 am to 7:00 pm to minimize the effect of construction noise on nearby residential properties.

The above stated mitigation conditions listed above will be provided within conditions of the decision of the preliminary plat of approval.

Responsible Official: 
Robert "Doc" Hansen

Title: Planning Official

Address: Kittitas County Community Development Services
411 N. Ruby Street, Suite 2
Ellensburg, WA. 98926
Phone: (509) 962-7506 Fax: (509) 962-7682

Date: August 1st, 2016

This Mitigated DNS is issued under WAC 197-11-355 and WAC 197-11-390; the lead agency will not act on this proposal for 10 working days. Any action to set aside, enjoin, review, or otherwise challenge this administrative SEPA action's procedural compliance with the provisions of Chapter 197-11 WAC shall be commenced on or before 5:00 pm, August 11th, 2016.

Pursuant to Chapter 15A.04.020 KCC, this MDNS may be appealed by submitting specific factual objections in writing with a fee of \$500.00 to the Kittitas County Board of Commissioners, Kittitas County Courthouse Room 110, Ellensburg, WA 98926. Timely appeals must be received within 10 working days, or no later than 5:00 PM, August 11th, 2016. Aggrieved parties are encouraged to contact the Board at (509) 962-7508 for more information on appeal process.



State Environmental Policy Act MITIGATED DETERMINATION OF NONSIGNIFICANCE – ADDENDUM

- Description:** J.B. Mulcahy, Co-Director, Chimpanzee Sanctuary Northwest, plans to remove an existing driveway and build an approximately 800 foot driveway connecting parcels 666734 and 12628. This document is an addendum to an MDNS issued August 8th, 2016 in relation to Conditional Use Permit CU-15-00007, pursuant to Washington Administrative Code 197-11-625. The proposal has been amended to include the specific location of the planned driveway.
- Proponent:** Chimpanzee Sanctuary Northwest
- Location:** The project is located on two parcels approximately 4.5 miles southeast of Cle Elum in Section 11, T 19N, R16 E, WM in Kittitas County.
- Lead Agency:** Kittitas County

The responsible official finds this information reasonably sufficient to evaluate the environmental impact of this proposal. This information is available to the public on request or can be viewed at the Kittitas Community Development Services website at <http://www.co.kittitas.wa.us/cds/land-use/default.aspx> under “Miscellaneous SEPA Applications”.

The lead agency has determined that the existing mitigation measure issued with the Original Mitigated Determination of Non-Significance (MDNS) is sufficient for this Addendum proposal under WAC 197-11-350 and WAC 197-11-625. The lead agency has determined that the mitigation measures stipulated in the original MDNS will be sufficient to protect the critical area with one amendment to mitigation measure Water 6) and will replace with the below mitigation measure. Failure to comply with the mitigation measures identified hereafter will result in the issuance of a Determination of Significance (DS) for this project. The original and modified mitigation measures are listed below:

~~Water~~

- ~~6) The Washington Department of Ecology also believes that wetlands on the property may extend further than is indicated Wetland Inventory Maps. The proposed new road approach may intersect wetland areas or buffers. Wetland reconnaissance required, and depending upon the outcome, wetland delineation or a wetland mitigation report will be required. The applicant can contact Catherine Reed at (509) 575-2616 for wetland assistance.~~

Water

- 6) The proposed driveway has been routed to avoid vegetated buffers around existing wetlands, consistent with KCC 17A.04.020. The proposed driveway is routed outside the 40’ buffer around the Category III wetland to the north of the parcel # 12628, and is routed outside of the 50’ buffer around the Category III wetland to the south.

Pursuant to KCC Title 15 & WAC 197-11 the lead agency will not act on this proposal for 15 days. Any person, affected tribe, or agency may submit comments to the lead agency within 15 days of the date of issuance of the Addendum MDNS. The lead agency will then: retain, modify or withdraw the decision. The determination pertains to the original file SE-16-00002 and this Addendum file SE-18-00002.

**Responsible
Official:**


Lindsey Ozbolt

Title:

Planning Official, Community Development Services

Address:

Kittitas County Community Development Services
411 N. Ruby Street, Suite 2
Ellensburg, WA. 98926
Phone: (509) 962-7506 Fax: (509) 962-7682

Date:

May 31st, 2018

From: [Dusty Pilkington](#)
To: [Kim Dawson](#); [Julie Kjorsvik](#); [Lisa Iammarino](#); [Lisa Lawrence](#); [Patti Johnson](#); [Candie Leader](#); ["jessica@yakama.com"](#); ["jmarvin@yakama.com"](#); ["johnson@yakama.com"](#); ["enviroreview@yakama.com"](#); ["separegister@ecy.wa.gov"](#); ["sepaunit@ecy.wa.gov"](#); ["gcle461@ecy.wa.gov"](#); ["Renfrow, Brent D \(DFW\)"](#); ["Downes, Scott G \(DFW\)"](#); ["Nelson, Jennifer L \(DFW\)"](#); ["SEPA \(DAHP\)"](#); ["Mike Flory"](#); ["Mau, Russell E \(DOH\)"](#); ["cindy.preston@dnr.wa.gov"](#); ["rivers@dnr.wa.gov"](#); ["brooksideconsulting@gmail.com"](#); ["Deborah.j.knaub@usace.army.mil"](#); ["tribune@nkctribune.com"](#); ["terry@nkctribune.com"](#); ["Joanna Markell"](#); ["lonnie_allphin@ksd403.org"](#); ["Lucas Huck"](#); ["Karen Hodges"](#); ["PrilucJ@wsdot.wa.gov"](#); ["becky.kennedy@dnr.wa.gov"](#); ["Taylor Gustafson"](#); ["Tristen Lamb"](#); ["Nelson, Jennifer L \(DFW\)"](#); ["Holly Erdman"](#); ["Joe Seemiller"](#); ["White, Lori \(ECY\)"](#); ["lori.white@ECY.WA.GOV"](#); ["brenda.smits@doh.wa.gov"](#); ["Keli Bender"](#); ["office@kcf7.com"](#); ["Mrivera1@bpa.gov"](#)
Cc: [Lindsey Ozbolt](#)
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:42:59 AM
Attachments: [SE-18-00005 Chimpanzee Sanctuary NW MDNS Signed.pdf](#)
[SE-18-00005 Chimpanzee Sanvtuary Northwest Notice of SEPA Action mailer.pdf](#)
[SE-18-00005 Chimpanzee Sanctuary NW SEPA Checklist.pdf](#)

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us



**AFFIDAVIT OF MAILING AND PUBLICATION
NOTICE OF SEPA ACTION**

PROPOSAL NAME: SE-18-00005 Chimpanzee Sanctuary NW

NAME OF DOCUMENT: *Notice of SEPA Action*

NOTIFICATION MAIL DATE: *May 31st, 2018*

Mailer: In addition to attaching copies of the documents mailed, please attach a copy of the names and addresses of those to whom the documents were mailed and of notice sent to newspapers.

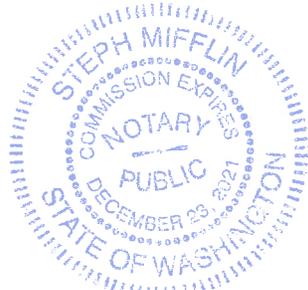
State of Washington
County of Kittitas

I certify that the acts of notification of land use action, including those requiring SEPA review, and other actions described in this document have occurred or have been performed.

[Handwritten Signature]

Staff Signature

Subscribed and sworn to before me this 31st day of May, 2018.



[Handwritten Signature]

Notary Public for the State of Washington
residing in Ellensburg

My appointment expires 12/23, 2021.

LATTIN, LAWRENCE E.
ATTN: VIVIAN EVANS
PO BOX 3092
BELLEVUE, WA 98009-3092

COPPESS, ROBERT DEAN & DEANN RAE
15117 272ND PL NE
DUVALL, WA 98019-6325

ROREM, JON B ETUX ETAL
8847 SE 59TH ST SE
MERCER ISLAND, WA 98040

CHIMPANZEE SANCTUARY
NORTHWEST
PO BOX 952
CLE ELUM, WA 98922-0952

HUFF, FRANK D ETUX
PO BOX 614
ELLENSBURG, WA 98926-1918

WALLACE RANCH II LLC
% WALLACE PROPERTIES INC
330 112TH AVE NE STE 200
BELLEVUE, WA 98004-5800

BNSF RAILWAY COMPANY
PO BOX 961089
FORT WORTH, TX 76161-0089

WALLACE INVESTMENT PROPERTIES
LLC
330 112TH AVE NE STE 200
BELLEVUE, WA 98004-5800

From: [Dusty Pilkington](#)
To: [Kim Dawson](#); [Julie Kjorsvik](#); [Lisa Iammarino](#); [Lisa Lawrence](#); [Patti Johnson](#); [Candie Leader](#); ["jessica@yakama.com"](#); ["jmarvin@yakama.com"](#); ["johnson@yakama.com"](#); ["enviroreview@yakama.com"](#); ["separegister@ecy.wa.gov"](#); ["sepaunit@ecy.wa.gov"](#); ["gcle461@ecy.wa.gov"](#); ["Renfrow, Brent D \(DFW\)"](#); ["Downes, Scott G \(DFW\)"](#); ["Nelson, Jennifer L \(DFW\)"](#); ["SEPA \(DAHP\)"](#); ["Mike Flory"](#); ["Mau, Russell E \(DOH\)"](#); ["cindy.preston@dnr.wa.gov"](#); ["rivers@dnr.wa.gov"](#); ["brooksideconsulting@gmail.com"](#); ["Deborah.j.knaub@usace.army.mil"](#); ["tribune@nkctribune.com"](#); ["terry@nkctribune.com"](#); ["Joanna Markell"](#); ["lonnie_allphin@ksd403.org"](#); ["Lucas Huck"](#); ["Karen Hodges"](#); ["PrilucJ@wsdot.wa.gov"](#); ["becky.kennedy@dnr.wa.gov"](#); ["Taylor Gustafson"](#); ["Tristen Lamb"](#); ["Nelson, Jennifer L \(DFW\)"](#); ["Holly Erdman"](#); ["Joe Seemiller"](#); ["White, Lori \(ECY\)"](#); ["lori.white@ECY.WA.GOV"](#); ["brenda.smits@doh.wa.gov"](#); ["Keli Bender"](#); ["office@kcf7.com"](#); ["Mrivera1@bpa.gov"](#)
Cc: [Lindsey Ozbolt](#)
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:42:59 AM
Attachments: [SE-18-00005 Chimpanzee Sanctuary NW MDNS Signed.pdf](#)
[SE-18-00005 Chimpanzee Sanvtuary Northwest Notice of SEPA Action mailer.pdf](#)
[SE-18-00005 Chimpanzee Sanctuary NW SEPA Checklist.pdf](#)

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

Notice of SEPA Action
Northwest Chimpanzee Sanctuary Access Driveway

Pursuant to WAC 197-11-625 and WAC 197-11-350 , Kittitas County Community Development Services did on May 31st, 2018 issue an Addendum to Mitigated Determination of Non-Significance (MDNS) on the proposed removal of an existing driveway and to build an approximately 800 foot driveway connecting parcels 666734 and 12628.

The lead agency for this proposal has determined that the mitigation measures stipulated in the original MDNS are sufficient to protect the critical area with the addition of a mitigation measure to route the proposed driveway away from wetland buffers. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.037(1) and WAC 197-11. This decision was made after review of a completed environmental checklist and other information on file with the lead agency, after considering voluntary mitigation measures which the lead agency or the applicant will implement as part of the proposal, and after considering mitigation measures required by existing laws and regulations that will be implemented by the applicant as part of the Kittitas County process. This SEPA document may be viewed at Kittitas County Community Development Services, 411 N. Ruby St. Suite 2, Ellensburg, WA. 98926 or online at [http://www.co.kittitas.wa.us/cds/land-use/current-planning.aspx?title=Miscellaneous SEPA Applications](http://www.co.kittitas.wa.us/cds/land-use/current-planning.aspx?title=Miscellaneous%20SEPA%20Applications).

This MDNS Addendum is issued under WAC 197-11-350 and WAC 197-11-625; the lead agency will not act on this proposal for 15 days. Any person, affected tribe, or agency may submit comments to the lead agency within 15 days of the date of issuance of the MDNS Addendum. Kittitas County Community Development Services shall reconsider the MDNS Addendum based on timely comments and may retain or modify the MDNS Addendum or, if the responsible official determines that significant adverse impacts are likely, withdraw the MDNS Addendum or supporting documents. If the MDNS Addendum is modified, the lead agency will send the modified MDNS Addendum to agencies with jurisdiction. Any agency with jurisdiction over this proposal, upon review of this MDNS Addendum (WAC 197-11-340) may, within the fifteen (15) day comment period, transmit to the initial lead agency a completed "Notice of assumption of lead agency status."

Written comments from the public may be submitted to the Kittitas County Community Development Services no later than June 15th, 2018 at 5:00 p.m. If you have any questions, please contact our office at (509)962-7506 or dusty.pilkington@co.kittitas.wa.us. Planner of Record: Dusty Pilkington

Staff Planner: Dusty Pilkington
411 N. Ruby St. Suite 2
Ellensburg, WA. 98926
509-962-7506
dusty.pilkington@co.kittitas.wa.us

Date: May 31st, 2018
Publish Daily Record: May 31st, 2018 & June 14th, 2018
Publish NKC Tribune: June 7th, 2018
Comment Period Ends: June 15th, 2018

DAILY RECORD/KITTITAS PUB
C/O IDAHO STATE JOURNAL RECEIVABLES
PO BOX 1570
POCATELLO ID 83204
(509)925-1414
Fax (509)925-5696

ORDER CONFIRMATION

Salesperson: MEGAN WOODRUFF

Printed at 05/30/18 07:19 by mwol18

Acct #: 84329

Ad #: 1769998

Status: New WHOLD

KC COMMUNITY DEVELOPMENT SERVICES
411 N. RUBY ST, SUITE 2
ELLENSBURG WA 98926

Start: 05/31/2018 Stop: 06/14/2018
Times Ord: 2 Times Run: ***
STD6 2.00 X 7.76 Words: 433
Total STD6 15.52
Class: 0001 LEGAL NOTICES
Rate: LEG2 Cost: 270.98
Affidavits: 1

Contact: STEPH MIFFLIN

Phone: (509)962-7506

Fax#:

Email: jeff.watson@co.kittitas.wa.u

Agency:

Ad Descrpt: N/SEPA SE-18-00005 CHIMP

Given by: DUSTY PILKINGTON

P.O. #: SE1800005/PILKINGTON

Created: mwol18 05/30/18 07:13

Last Changed: mwol18 05/30/18 07:18

PUB ZONE EDT TP RUN DATES
DR A 97 S 05/31 06/14
DRWN LEG2 97 S 05/31 06/14

AUTHORIZATION

Under this agreement rates are subject to change with 30 days notice. In the event of a cancellation before schedule completion, I understand that the rate charged will be based upon the rate for the number of insertions used.

Quote from Daily Record/Kittitas County Publishing (509) 925-1414
This ad will run as quoted unless cancellation is received. Please contact your sales rep 24 hours prior to first run date to cancel order.

Lindsay Ozbolt
Name (print of type)

Dusty Pilkington
Name (signature)

(CONTINUED ON NEXT PAGE)

DAILY RECORD/KITTITAS PUB
C/O IDAHO STATE JOURNAL RECEIVABLES
PO BOX 1570
POCATELLO ID 83204
(509)925-1414
Fax (509)925-5696

ORDER CONFIRMATION (CONTINUED)

Salesperson: MEGAN WOODRUFF

Printed at 05/30/18 07:19 by mw018

Acct #: 84329

Ad #: 1769998

Status: New WHOLD WHOI

Notice of SEPA Action
Northwest Chimpanzee Sanctuary Access Driveway
SE-18-00005

Pursuant to WAC 197-11-625 and WAC 197-11-350, Kittitas County Community Development Services did on May 31st, 2018 issue an Addendum to Mitigated Determination of Non-Significance (MDNS) on the proposed removal of an existing driveway and to build an approximately 800 foot driveway connecting parcels 666734 and 12628.

The lead agency for this proposal has determined that the mitigation measures stipulated in the original MDNS are sufficient to protect the critical area with the addition of a mitigation measure to route the proposed driveway away from wetland buffers. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.037(1) and WAC 197-11. This decision was made after review of a completed environmental checklist and other information on file with the lead agency, after considering voluntary mitigation measures which the lead agency or the applicant will implement as part of the proposal, and after considering mitigation measures required by existing laws and regulations that will be implemented by the applicant as part of the Kittitas County process. This SEPA document may be viewed at Kittitas County Community Development Services, 411 N. Ruby St. Suite 2, Ellensburg, WA. 98926 or online at [http://www.co.kittitas.wa.us/cds/land-use/current-planning.aspx?title=Miscellaneous SEPA Applications](http://www.co.kittitas.wa.us/cds/land-use/current-planning.aspx?title=Miscellaneous%20SEPA%20Applications).

This MDNS Addendum is issued under WAC 197-11-350 and WAC 197-11-625; the lead agency will not act on this proposal for 15 days. Any person, affected tribe, or agency may submit comments to the lead agency within 15 days of the date of issuance of the MDNS Addendum. Kittitas County Community Development Services shall reconsider the MDNS Addendum based on timely comments and may retain or modify the MDNS Addendum or, if the responsible official determines that significant adverse impacts are likely, withdraw the MDNS Addendum or supporting documents. If the MDNS Addendum is modified, the lead agency will send the modified MDNS Addendum to agencies with jurisdiction. Any agency with jurisdiction over this proposal, upon review of this MDNS Addendum (WAC 197-11-340) may, within the fifteen (15) day comment period, transmit to the initial lead agency a completed "Notice of assumption of lead agency status."

Written comments from the public may be submitted to the Kittitas County Community Development Services no later than June 15th, 2018 at 5:00 p.m. If you have any questions, please contact our office at (509) 962-7506 or dusty.pilkington@co.kittitas.wa.us. Planner of Record: Dusty Pilkington

Staff Planner: Dusty Pilkington
411 N. Ruby St. Suite 2
Ellensburg, WA. 98926
509-962-7506
dusty.pilkington@co.kittitas.wa.us

Date: May 31st, 2018
Publish Daily Record: May 31st, 2018 & June 14th, 2018
Publish NKC Tribune: June 7th, 2018
Comment Period Ends: June 15th, 2018



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

"Building Partnerships – Building Communities"

NOTICE OF SEPA ACTION

To: Applicable Agencies
Adjoining Property Owners
Applicant

From: Dusty Pilkington, Planner I

Date: May 31st, 2018

Subject: **SE-18-00005: Northwest Chimpanzee Sanctuary: SEPA MDNS ADDENDUM**

Pursuant to WAC 197-11-625 and WAC 197-11-350, Kittitas County Community Development Services did on May 31st, 2018 issue an Addendum to Mitigated Determination of Non-Significance (MDNS) on the proposed removal of an existing driveway and to build an approximately 800 foot driveway connecting parcels 666734 and 12628.

The lead agency for this proposal has determined that the mitigation measures stipulated in the original MDNS are sufficient to protect the critical area with the addition of a mitigation measure to route the proposed driveway away from wetland buffers. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.037(1) and WAC 197-11. This decision was made after review of a completed environmental checklist and other information on file with the lead agency, after considering voluntary mitigation measures which the lead agency or the applicant will implement as part of the proposal, and after considering mitigation measures required by existing laws and regulations that will be implemented by the applicant as part of the Kittitas County process. This SEPA document may be viewed at Kittitas County Community Development Services, 411 N. Ruby St. Suite 2, Ellensburg, WA. 98926 or online at [http://www.co.kittitas.wa.us/cds/land-use/current-planning.aspx?title=Miscellaneous SEPA Applications](http://www.co.kittitas.wa.us/cds/land-use/current-planning.aspx?title=Miscellaneous%20SEPA%20Applications).

This MDNS Addendum is issued under WAC 197-11-350 and WAC 197-11-625; the lead agency will not act on this proposal for 15 days. Any person, affected tribe, or agency may submit comments to the lead agency within 15 days of the date of issuance of the MDNS Addendum. Kittitas County Community Development Services shall reconsider the MDNS Addendum based on timely comments and may retain or modify the MDNS Addendum or, if the responsible official determines that significant adverse impacts are likely, withdraw the MDNS Addendum or supporting documents. If the MDNS Addendum is modified, the lead agency will send the modified MDNS Addendum to agencies with jurisdiction. Any agency with jurisdiction over this proposal, upon review of this MDNS Addendum (WAC 197-11-340) may, within the fifteen (15) day comment period, transmit to the initial lead agency a completed "Notice of assumption of lead agency status."

Written comments from the public may be submitted to the Kittitas County Community Development Services no later than June 15th, 2018 at 5:00 p.m. If you have any questions, please contact our office at (509)962-7506 or dusty.pilkington@co.kittitas.wa.us. Planner of Record: Dusty Pilkington

From: [Terry Hamberg](#)
To: [Dusty Pilkington](#)
Subject: Re: SE-18-00005 NW Chimpanzee Sanctuary
Date: Monday, June 04, 2018 6:08:30 PM

CONFIRMATION RECEIPT:

Thank you for sharing your Notice with Upper Kittitas County citizens. We have received your email and your notice will be published as requested.

Sincerely,
Terry Hamberg
Publisher



Northern Kittitas County Tribune
P.O. Box 308
Cle Elum, WA 98922
(509) 674-2511
fax: (509) 674-5571
tribune@nkctribune.com

On Jun 4, 2018, at 4:08 PM, Dusty Pilkington
<dusty.pilkington@co.kittitas.wa.us> wrote:

Greetings.

Could you publish this one for Thursday the 7th?

Thanks,

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

Notice: Email sent to Kittitas County may be subject to public disclosure as required by law.
message id: 38eb45916c6dcbdac24bb8719d004a14

<SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA action
legal.pdf>



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

1250 W Alder St • Union Gap, WA 98903-0009 • (509) 575-2490

June 12, 2018

Dusty Pilkington
Kittitas County Community Development
411 N. Ruby St., Suite 2
Ellensburg, WA 98926

Re: SE-18-00005

Dear Mr. Pilkington:

Thank you for the opportunity to comment on the Mitigated Determination of Nonsignificance SE-18-00005. We have reviewed the environmental checklist and have the following comments.

SHORELANDS

Kittitas County's Critical Areas Code, 17A.04.020, Wetland Buffers, recommends a 20 to 80 ft. wide vegetated buffer surrounding Category III wetlands. The Department of Ecology recommends the County request an 80' wide buffer surrounding each of the Category 3 wetlands. Ecology's recommendation is based on Best Available Science (BSA), our interagency guidance documents, the Habitat score of the previously reviewed wetland ratings, existing landuse intensity, the location of the site, and use of corridors in the area.

Ecology would require a 110' wide buffer for Category 3 wetlands that have a moderate Habitat score and a moderate intensity landuse. The existing landuse is considered either a moderate or high landuse intensity, due to the keeping of animals and regular maintenance. Ecology's buffer guidance documents assume the existing buffer is vegetated. The area surrounding Wetland A appears to be highly disturbed and lacks vegetation. The buffer width should be vegetated prior to the installation of the driveway. Without a planted buffer the driveway should be located even further away from the wetland. Planting the buffer will reduce noise, dust and other pollutants from entering the wetland, and provide structure adjacent to the wetland. The driveway should be located a minimum of 80' landward of the wetland boundary with at least 40' of it vegetated.

If you have any questions or would like to respond to these Shorelands comments, please contact Lori White at (509) 575-2616.

Sincerely,

Terra Burgess for Gwen Clear

Gwen Clear
Environmental Review Coordinator
Central Regional Office
(509) 575-2012

201802847



From: [Holly Erdman](#)
To: [Dusty Pilkington](#)
Cc: [Tristen Lamb](#)
Subject: RE: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Friday, June 15, 2018 11:09:13 AM

Dusty,

Thank you for this opportunity to comment on the chimpanzee sanctuary.

This system will continue to be classified as a Group B water system. Originally the classroom aspect of the proposal was what gave the impression that the system would need to be re-classified as a Group A water system. If a classroom is no longer in the proposal they will remain a Group B classification. They will just need to continue to do regular monitoring for bacteria annually and nitrates once every 3 years.

Thank you,

HOLLY ERDMAN
ENVIRONMENTAL HEALTH SPECIALIST
KITTITAS COUNTY PUBLIC HEALTH DEPARTMENT
507 N. NANUM STREET, SUITE 102
ELLENSBURG, WA. 98926

509-962-7580

From: Dusty Pilkington
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson; Julie Kjorsvik; Lisa Iammarino; Lisa Lawrence; Patti Johnson; Candie Leader; 'jessica@yakama.com'; 'jmarvin@yakama.com'; 'johnson@yakama.com'; 'enviroreview@yakama.com'; 'separegister@ecy.wa.gov'; 'sepaunit@ecy.wa.gov'; 'gcle461@ecy.wa.gov'; 'Renfrow, Brent D (DFW)'; 'Downes, Scott G (DFW)'; 'Nelson, Jennifer L (DFW)'; 'SEPA (DAHP)'; Mike Flory; 'Mau, Russell E (DOH)'; 'cindy.preston@dnr.wa.gov'; 'rivers@dnr.wa.gov'; 'brooksideconsulting@gmail.com'; 'Deborah.j.knaub@usace.army.mil'; 'tribune@nkctribune.com'; 'terry@nkctribune.com'; 'Joanna Markell'; 'lonnie_allphin@ksd403.org'; Lucas Huck; Karen Hodges; 'PrilucJ@wsdot.wa.gov'; 'becky.kennedy@dnr.wa.gov'; Taylor Gustafson; Tristen Lamb; 'Nelson, Jennifer L (DFW)'; Holly Erdman; Joe Seemiller; 'White, Lori (ECY)'; 'lori.white@ECY.WA.GOV'; 'brenda.smits@doh.wa.gov'; 'Keli Bender'; 'office@kcf7.com'; 'Mrivera1@bpa.gov'
Cc: Lindsey Ozbolt
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this

SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

Notice: Email sent to Kittitas County may be subject to public disclosure as required by law.
message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Mau, Russell E. \(DOH\)](#)
To: [Dusty Pilkington](#)
Cc: [Holly Erdman](#); [Smits, Brenda M \(DOH\)](#)
Subject: RE: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 9:56:20 AM

Mr. Pilkington:

Department of Health Office of Drinking Water (DOH ODW) does not have any comment regarding the driveway; however, any additional water usage (based SEPA document statement that additional chimpanzee structures are being considered) does need to be evaluated or assessed. At this time, Hart Ranch water system is a Group B – so Kittitas County Health would be the health organization that would initiate such an evaluation or assessment.

Thanks,

Russell E. Mau, Ph.D., P.E.
Regional Engineer
Department of Health, Office of Drinking Water
16201 East Indiana Avenue, Suite 1500, Spokane Valley, WA 99216
Desk: 509-329-2116
Cell: 509-951-5494
Fax: 509-329-2104
Russell.Mau@DOH.WA.GOV

Public Health - Always Working for a Safer and Healthier Washington

Visit our web site at www.doh.wa.gov/ehp/dw

From: Dusty Pilkington [mailto:dusty.pilkington@co.kittitas.wa.us]
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson <kim.dawson@co.kittitas.wa.us>; Julie Kjorsvik <julie.kjorsvik@co.kittitas.wa.us>; Lisa Iammarino <lisa.iammarino@co.kittitas.wa.us>; Lisa Lawrence <lisa.lawrence@co.kittitas.wa.us>; Patti Johnson <patti.johnson@co.kittitas.wa.us>; Candie Leader <candie.leader@co.kittitas.wa.us>; 'jessica@yakama.com' <jessica@yakama.com>; 'jmarvin@yakama.com' <jmarvin@yakama.com>; 'johnson@yakama.com' <johnson@yakama.com>; 'enviroreview@yakama.com' <enviroreview@yakama.com>; ECY RE SEPA REGISTER <separegister@ecy.wa.gov>; ECY RE SEPA REGISTER <separegister@ecy.wa.gov>; Clear, Gwen (ECY) <GCLE461@ECY.WA.GOV>; Renfrow, Brent D (DFW) <Brent.Renfrow@dfw.wa.gov>; Downes, Scott G (DFW) <Scott.Downes@dfw.wa.gov>; Nelson, Jennifer L (DFW) <Jennifer.Nelson@dfw.wa.gov>; SEPA (DAHP) <sepa@dahp.wa.gov>; Mike Flory <mike.flory@co.kittitas.wa.us>; Mau, Russell E (DOH) <Russell.Mau@DOH.WA.GOV>; PRESTON, CINDY (DNR) <CINDY.PRESTON@dnr.wa.gov>; DNR RE AQ LEASING RIVERS <DNRREAQLEASINGRIVERS@dnr.wa.gov>; 'brooksideconsulting@gmail.com' <brooksideconsulting@gmail.com>; 'Deborah.j.knaub@usace.army.mil' <Deborah.j.knaub@usace.army.mil>; Stoner, Jana <tribune@nkctribune.com>; 'terry@nkctribune.com' <terry@nkctribune.com>; 'Joanna Markell' <jmarkell@kvnews.com>; 'lonnie_allphin@ksd403.org' <lonnie_allphin@ksd403.org>; Lucas Huck <lucas.huck@co.kittitas.wa.us>; Karen Hodges <karen.hodges@co.kittitas.wa.us>; 'PrilucJ@wsdot.wa.gov' <PrilucJ@wsdot.wa.gov>; Kennedy, Becky (DNR)

<Becky.Kennedy@dnr.wa.gov>; Taylor Gustafson <taylor.gustafson@co.kittitas.wa.us>; Tristen Lamb <tristen.lamb@co.kittitas.wa.us>; Nelson, Jennifer L (DFW) <Jennifer.Nelson@dfw.wa.gov>; Holly Erdman <Holly.erdman@co.kittitas.wa.us>; Joe Seemiller <seemillerj@kvfr.org>; White, Lori (ECY) <lowh461@ECY.WA.GOV>; White, Lori (ECY) <lowh461@ECY.WA.GOV>; Smits, Brenda M (DOH) <brenda.smits@doh.wa.gov>; 'Keli Bender' <krd.keli@fairpoint.net>; 'office@kcf7.com' <office@kcf7.com>; 'Mrivera1@bpa.gov' <Mrivera1@bpa.gov>

Cc: Lindsey Ozbolt <lindsey.ozbolt@co.kittitas.wa.us>

Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

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KITTITAS COUNTY
DEPARTMENT OF PUBLIC WORKS

MEMORANDUM

TO: Community Development Services
FROM: Taylor Gustafson, Environmental/Transportation Planner *TG*
DATE: June 15, 2018
SUBJECT: Chimpanzee Sanctuary NW SE-18-00005

We have evaluated the submitted SEPA. Our comments appear below for your consideration:

1. Stormwater runoff must be treated and retained on site in accordance with the Stormwater Management Manual for Eastern Washington.



Copy

South Central Region
2809 Rudkin Road
Union Gap, WA 98903-1648
509-577-1600 / FAX: 509-577-1603
TTY: 1-800-833-6388
www.wsdot.wa.gov

June 14, 2018

Kittitas County Community Development Services
411 N. Ruby St., Suite 2
Ellensburg, WA 98926

Attention: Dusty Pilkington, Planner I

Subject: SE-18-00005 – Northwest Chimpanzee Sanctuary
SR 10 milepost 91.1 left

We originally reviewed and commented on this proposal in our letter to the County dated July 21, 2016 (CU-15-00007). We have reviewed this latest proposal and have the following revised comment.

The subject property is adjacent to State Route 10 (SR 10), a managed access Class 3 highway with a posted speed limit of 55 miles per hour. Currently, access to the property is via a grandfathered approach at milepost 91.1. This location does not provide the minimum required sight distance of 495' and, as a condition of development approval, the approach must be removed in its entirety; access to SR 10 must be gained at an alternate location.

The proponent has worked with WSDOT to identify an alternate means of ingress and egress to the subject property. We have approved the use of the northerly approach at milepost 90.96 and have issued an updated Access Connection Permit (ACP #46532) to the property owner. Construction inside WSDOT right-of-way is authorized, subject to the permit conditions.

Thank you for the opportunity to review and comment on this proposal. If you have any questions regarding these comments, please contact Jacob Prilucik at (509) 577-1635.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Paul Gonseth', with the word 'for:' written below it.

Paul Gonseth, P.E.
Planning Engineer

PG: jjp/mnk

cc: SR 10, File #1(2016)
Harry Nelson, Area 1 Maintenance Superintendent

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message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Taylor Gustafson](#)
To: [Dusty Pilkington](#)
Cc: [Mark Cook](#); [Candie Leader](#)
Subject: RE: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Friday, June 15, 2018 3:31:21 PM
Attachments: [SE-18-00005 Public Works Comments.pdf](#)

Hi Dusty,

Please find Public Works' comments attached.

Best,

Taylor

From: Dusty Pilkington
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson; Julie Kjorsvik; Lisa Iammarino; Lisa Lawrence; Patti Johnson; Candie Leader; 'jessica@yakama.com'; 'jmarvin@yakama.com'; 'johnson@yakama.com'; 'enviroreview@yakama.com'; 'separegister@ecy.wa.gov'; 'sepaunit@ecy.wa.gov'; 'gcle461@ecy.wa.gov'; 'Renfrow, Brent D (DFW)'; 'Downes, Scott G (DFW)'; 'Nelson, Jennifer L (DFW)'; 'SEPA (DAHP)'; Mike Flory; 'Mau, Russell E (DOH)'; 'cindy.preston@dnr.wa.gov'; 'rivers@dnr.wa.gov'; 'brooksideconsulting@gmail.com'; 'Deborah.j.knaub@usace.army.mil'; 'tribune@nkctribune.com'; 'terry@nkctribune.com'; 'Joanna Markell'; 'lonnie_allphin@ksd403.org'; Lucas Huck; Karen Hodges; 'PrilucJ@wsdot.wa.gov'; 'becky.kennedy@dnr.wa.gov'; Taylor Gustafson; Tristen Lamb; 'Nelson, Jennifer L (DFW)'; Holly Erdman; Joe Seemiller; 'White, Lori (ECY)'; 'lori.white@ECY.WA.GOV'; 'brenda.smits@doh.wa.gov'; 'Keli Bender'; 'office@kcf7.com'; 'Mrivera1@bpa.gov'
Cc: Lindsey Ozbolt
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

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Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

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message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Holly Erdman](#)
To: [Dusty Pilkington](#)
Cc: [Tristen Lamb](#)
Subject: RE: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Friday, June 15, 2018 11:09:13 AM

Dusty,

Thank you for this opportunity to comment on the chimpanzee sanctuary.

This system will continue to be classified as a Group B water system. Originally the classroom aspect of the proposal was what gave the impression that the system would need to be re-classified as a Group A water system. If a classroom is no longer in the proposal they will remain a Group B classification. They will just need to continue to do regular monitoring for bacteria annually and nitrates once every 3 years.

Thank you,

HOLLY ERDMAN
ENVIRONMENTAL HEALTH SPECIALIST
KITTITAS COUNTY PUBLIC HEALTH DEPARTMENT
507 N. NANUM STREET, SUITE 102
ELLENSBURG, WA. 98926

509-962-7580

From: Dusty Pilkington
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson; Julie Kjorsvik; Lisa Iammarino; Lisa Lawrence; Patti Johnson; Candie Leader; 'jessica@yakama.com'; 'jmarvin@yakama.com'; 'johnson@yakama.com'; 'enviroreview@yakama.com'; 'separegister@ecy.wa.gov'; 'sepaunit@ecy.wa.gov'; 'gcle461@ecy.wa.gov'; 'Renfrow, Brent D (DFW)'; 'Downes, Scott G (DFW)'; 'Nelson, Jennifer L (DFW)'; 'SEPA (DAHP)'; Mike Flory; 'Mau, Russell E (DOH)'; 'cindy.preston@dnr.wa.gov'; 'rivers@dnr.wa.gov'; 'brooksideconsulting@gmail.com'; 'Deborah.j.knaub@usace.army.mil'; 'tribune@nkctribune.com'; 'terry@nkctribune.com'; 'Joanna Markell'; 'lonnie_allphin@ksd403.org'; Lucas Huck; Karen Hodges; 'PrilucJ@wsdot.wa.gov'; 'becky.kennedy@dnr.wa.gov'; Taylor Gustafson; Tristen Lamb; 'Nelson, Jennifer L (DFW)'; Holly Erdman; Joe Seemiller; 'White, Lori (ECY)'; 'lori.white@ECY.WA.GOV'; 'brenda.smits@doh.wa.gov'; 'Keli Bender'; 'office@kcf7.com'; 'Mrivera1@bpa.gov'
Cc: Lindsey Ozbolt
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[SE-18-00005 Chimpanzee Sanctuary NW](#)

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Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

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From: [Dusty Pilkington](#)
To: "jb@chimpsnw.org"
Subject: FW: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 10:01:14 AM
Attachments: [SE-18-00005 Chimpanzee Sanctuary NW MDNS Signed.pdf](#)
[SE-18-00005 Chimpanzee Sanvtuary Northwest Notice of SEPA Action mailer.pdf](#)
[SE-18-00005 Chimpanzee Sanctuary NW SEPA Checklist.pdf](#)

Mr. Mulcahy,

Keeping you in the loop that the SEPA review on the driveway is underway.

Thanks,

Dusty

From: Dusty Pilkington
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson; Julie Kjorsvik; Lisa Iammarino; Lisa Lawrence; Patti Johnson; Candie Leader; 'jessica@yakama.com'; 'jmarvin@yakama.com'; 'johnson@yakama.com'; 'enviroreview@yakama.com'; 'separegister@ecy.wa.gov'; 'sepaunit@ecy.wa.gov'; 'gcle461@ecy.wa.gov'; 'Renfrow, Brent D (DFW)'; 'Downes, Scott G (DFW)'; 'Nelson, Jennifer L (DFW)'; 'SEPA (DAHP)'; Mike Flory; 'Mau, Russell E (DOH)'; 'cindy.preston@dnr.wa.gov'; 'rivers@dnr.wa.gov'; 'brooksideconsulting@gmail.com'; 'Deborah.j.knaub@usace.army.mil'; 'tribune@nkctribune.com'; 'terry@nkctribune.com'; 'Joanna Markell'; 'lonnie_allphin@ksd403.org'; Lucas Huck; Karen Hodges; 'PrilucJ@wsdot.wa.gov'; 'becky.kennedy@dnr.wa.gov'; Taylor Gustafson; Tristen Lamb; 'Nelson, Jennifer L (DFW)'; Holly Erdman; Joe Seemiller; 'White, Lori (ECY)'; 'lori.white@ECY.WA.GOV'; 'brenda.smits@doh.wa.gov'; 'Keli Bender'; 'office@kcf7.com'; 'Mrivera1@bpa.gov'
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Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

From: [Mau, Russell E. \(DOH\)](#)
To: [Dusty Pilkington](#)
Cc: [Holly Erdman](#); [Smits, Brenda M \(DOH\)](#)
Subject: RE: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 9:56:20 AM

Mr. Pilkington:

Department of Health Office of Drinking Water (DOH ODW) does not have any comment regarding the driveway; however, any additional water usage (based SEPA document statement that additional chimpanzee structures are being considered) does need to be evaluated or assessed. At this time, Hart Ranch water system is a Group B – so Kittitas County Health would be the health organization that would initiate such an evaluation or assessment.

Thanks,

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Regional Engineer
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<Becky.Kennedy@dnr.wa.gov>; Taylor Gustafson <taylor.gustafson@co.kittitas.wa.us>; Tristen Lamb <tristen.lamb@co.kittitas.wa.us>; Nelson, Jennifer L (DFW) <Jennifer.Nelson@dfw.wa.gov>; Holly Erdman <Holly.erdman@co.kittitas.wa.us>; Joe Seemiller <seemillerj@kvfr.org>; White, Lori (ECY) <lowh461@ECY.WA.GOV>; White, Lori (ECY) <lowh461@ECY.WA.GOV>; Smits, Brenda M (DOH) <brenda.smits@doh.wa.gov>; 'Keli Bender' <krd.keli@fairpoint.net>; 'office@kcf7.com' <office@kcf7.com>; 'Mrivera1@bpa.gov' <Mrivera1@bpa.gov>

Cc: Lindsey Ozbolt <lindsey.ozbolt@co.kittitas.wa.us>

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Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

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From: [Microsoft Outlook](#)
To: ["Deborah.j.knaub@usace.army.mil"](mailto:Deborah.j.knaub@usace.army.mil)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:45 AM

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'Deborah.j.knaub@usace.army.mil' <mailto:Deborah.j.knaub@usace.army.mil>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: postmaster@kcf7.com
To: ["office@kcf7.com"](mailto:office@kcf7.com)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:34 AM

Your message has been delivered to the following recipients:
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Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: postmaster@WSDOT.WA.GOV
To: ["PrilucJ@wsdot.wa.gov"](mailto:PrilucJ@wsdot.wa.gov)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:32 AM

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'PrilucJ@wsdot.wa.gov' <mailto:PrilucJ@wsdot.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["Keli Bender"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:29 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'Keli Bender' <<mailto:krd.keli@fairpoint.net>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: postmaster@journalnet.com
To: ["Joanna Markell"](mailto:Joanna.Markell)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:29 AM

Your message has been delivered to the following recipients:
'Joanna Markell' <<mailto:jmarkell@kvnews.com>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["becky.kennedy@dnr.wa.gov"](mailto:becky.kennedy@dnr.wa.gov); ["rivers@dnr.wa.gov"](mailto:rivers@dnr.wa.gov); ["cindy.preston@dnr.wa.gov"](mailto:cindy.preston@dnr.wa.gov)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:29 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'becky.kennedy@dnr.wa.gov' <mailto:becky.kennedy@dnr.wa.gov>
'rivers@dnr.wa.gov' <mailto:rivers@dnr.wa.gov>
'cindy.preston@dnr.wa.gov' <mailto:cindy.preston@dnr.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["lori.white@ECY.WA.GOV"](mailto:lori.white@ECY.WA.GOV); ["White, Lori \(ECY\)"](#); ["gcle461@ecy.wa.gov"](mailto:gcle461@ecy.wa.gov); ["sepaunit@ecy.wa.gov"](mailto:sepaunit@ecy.wa.gov); ["separegister@ecy.wa.gov"](mailto:separegister@ecy.wa.gov)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:28 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'lori.white@ECY.WA.GOV' <mailto:lori.white@ECY.WA.GOV>
'White, Lori (ECY)' <mailto:lowh461@ECY.WA.GOV>
'gcle461@ecy.wa.gov' <mailto:gcle461@ecy.wa.gov>
'sepaunit@ecy.wa.gov' <mailto:sepaunit@ecy.wa.gov>
'separegister@ecy.wa.gov' <mailto:separegister@ecy.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["SEPA \(DAHP\)"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:28 AM

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'SEPA (DAHP)' <<mailto:sepa@dahp.wa.gov>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["Nelson, Jennifer L \(DFW\)"; "Downes, Scott G \(DFW\)"; "Renfrow, Brent D \(DFW\)"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:27 AM

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'Downes, Scott G (DFW)' <mailto:Scott.Downes@dfw.wa.gov>
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From: [Microsoft Outlook](#)
To: ["brenda.smits@doh.wa.gov"](mailto:brenda.smits@doh.wa.gov); ["Mau, Russell E \(DOH\)"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:26 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'brenda.smits@doh.wa.gov' <mailto:brenda.smits@doh.wa.gov>
'Mau, Russell E (DOH)' <mailto:Russell.Mau@DOH.WA.GOV>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["brooksideconsulting@gmail.com"](mailto:brooksideconsulting@gmail.com)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:25 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'brooksideconsulting@gmail.com' <mailto:brooksideconsulting@gmail.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["jessica@yakama.com"](#); ["enviroreview@yakama.com"](#); ["johnson@yakama.com"](#); ["jmarvin@yakama.com"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:25 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

'jessica@yakama.com' <mailto:jessica@yakama.com>
'enviroreview@yakama.com' <mailto:enviroreview@yakama.com>
'johnson@yakama.com' <mailto:johnson@yakama.com>
'jmarvin@yakama.com' <mailto:jmarvin@yakama.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["terry@nkctribune.com"](mailto:terry@nkctribune.com); ["tribune@nkctribune.com"](mailto:tribune@nkctribune.com)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:24 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'terry@nkctribune.com' <mailto:terry@nkctribune.com>
'tribune@nkctribune.com' <mailto:tribune@nkctribune.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: postmaster@G3coe.onmicrosoft.com
To: [Joe Seemiller](mailto:seemillerj@kvfr.org)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:15 AM

Your message has been delivered to the following recipients:
Joe Seemiller <<mailto:seemillerj@kvfr.org>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: [Mike Flory](#); [Julie Kjorsvik](#); [Lisa Iammarino](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:01 AM

Your message has been delivered to the following recipients:

Mike Flory (mike.flory@co.kittitas.wa.us) <mailto:mike.flory@co.kittitas.wa.us>

Julie Kjorsvik (julie.kjorsvik@co.kittitas.wa.us) <mailto:julie.kjorsvik@co.kittitas.wa.us>

Lisa Iammarino (lisa.iammarino@co.kittitas.wa.us) <mailto:lisa.iammarino@co.kittitas.wa.us>

Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: [Holly Erdman](#); [Karen Hodges](#); [Lucas Huck](#); [Candie Leader](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:00 AM

Your message has been delivered to the following recipients:
Holly Erdman (holly.erdman@co.kittitas.wa.us) <mailto:holly.erdman@co.kittitas.wa.us>
Karen Hodges (karen.hodges@co.kittitas.wa.us) <mailto:karen.hodges@co.kittitas.wa.us>
Lucas Huck (lucas.huck@co.kittitas.wa.us) <mailto:lucas.huck@co.kittitas.wa.us>
Candie Leader (candie.leader@co.kittitas.wa.us) <mailto:candie.leader@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: [Lindsey Ozbolt](#); [Tristen Lamb](#); [Lisa Lawrence](#); [Kim Dawson](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:00 AM

Your message has been delivered to the following recipients:
Lindsey Ozbolt (lindsey.ozbolt@co.kittitas.wa.us) <mailto:lindsey.ozbolt@co.kittitas.wa.us>
Tristen Lamb (tristen.lamb@co.kittitas.wa.us) <mailto:tristen.lamb@co.kittitas.wa.us>
Lisa Lawrence (lisa.lawrence@co.kittitas.wa.us) <mailto:lisa.lawrence@co.kittitas.wa.us>
Kim Dawson (kim.dawson@co.kittitas.wa.us) <mailto:kim.dawson@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: [Patti Johnson](#); [Taylor Gustafson](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:00 AM

Your message has been delivered to the following recipients:
Patti Johnson (patti.johnson@co.kittitas.wa.us) <mailto:patti.johnson@co.kittitas.wa.us>
Taylor Gustafson (taylor.gustafson@co.kittitas.wa.us) <mailto:taylor.gustafson@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Kaiser, Mark](#)
To: [Dusty Pilkington](#)
Cc: [Prilucik, Jacob](#); [Gonseth, Paul](#)
Subject: SE-18-00005 – Northwest Chimpanzee Sanctuary
Date: Thursday, June 14, 2018 3:48:45 PM
Attachments: [SE-18-00005 – Northwest Chimpanzee Sanctuary.pdf](#)

Dusty attached is a copy of WSDOT's comments for SE-18-00005 – Northwest Chimpanzee Sanctuary, the original will be mailed to you for your records.

Mark Kaiser

WSDOT – Planning
2809 Rudkin Rd.
Union Gap, WA 98903-1648

Phone: 509-577-1668

From: [Burgess, Terra \(ECY\)](#)
To: [Dusty Pilkington](#)
Subject: SE-18-00005
Date: Tuesday, June 12, 2018 5:00:19 PM
Attachments: [201802847 Kittitas Co \(Pilkington\) Chimpanzee Sanctuary Northwest.pdf](#)

Please see attached for Ecology's comments on SE-18-00005.

Thank you,

Terra Burgess

Assistant to Sage Park, Regional Director

WA Department of Ecology | Central Region Office

1250 W. Alder Street | Union Gap WA 98903-0009

Main 509.575.2490 | Direct Dial 509.249.6296 | terra.burgess@ecy.wa.gov

From: [Terry Hamberg](#)
To: [Dusty Pilkington](#)
Subject: Re: SE-18-00005 NW Chimpanzee Sanctuary
Date: Monday, June 04, 2018 6:08:30 PM

CONFIRMATION RECEIPT:

Thank you for sharing your Notice with Upper Kittitas County citizens. We have received your email and your notice will be published as requested.

Sincerely,
Terry Hamberg
Publisher



Northern Kittitas County Tribune
P.O. Box 308
Cle Elum, WA 98922
(509) 674-2511
fax: (509) 674-5571
tribune@nkctribune.com

On Jun 4, 2018, at 4:08 PM, Dusty Pilkington
<dusty.pilkington@co.kittitas.wa.us> wrote:

Greetings.

Could you publish this one for Thursday the 7th?

Thanks,

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

Notice: Email sent to Kittitas County may be subject to public disclosure as required by law.
message id: 38eb45916c6dcbdac24bb8719d004a14

<SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA action
legal.pdf>

From: [Dusty Pilkington](#)
To: [Kelly Bacon](#)
Subject: SE-18-00005 Chimpanzee Sanctuary
Date: Friday, June 01, 2018 2:52:10 PM
Attachments: [Untitled Extract Pages.pdf](#)

Kelly,

Find attached the site plan as part of the critical areas report for the MDNS.

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

From: postmaster@WSDOT.WA.GOV
To: "PrilucJ@wsdot.wa.gov"
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:58 AM

Your message has been delivered to the following recipients:
'PrilucJ@wsdot.wa.gov' <<mailto:PrilucJ@wsdot.wa.gov>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: postmaster@journalnet.com
To: ["Joanna Markell"](mailto:Joanna.Markell)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:54 AM

Your message has been delivered to the following recipients:
'Joanna Markell' <<mailto:jmarkell@kvnews.com>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["Deborah.j.knaub@usace.army.mil"](mailto:Deborah.j.knaub@usace.army.mil)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:52 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'Deborah.j.knaub@usace.army.mil' <mailto:Deborah.j.knaub@usace.army.mil>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["becky.kennedy@dnr.wa.gov"](mailto:becky.kennedy@dnr.wa.gov); ["rivers@dnr.wa.gov"](mailto:rivers@dnr.wa.gov); ["cindy.preston@dnr.wa.gov"](mailto:cindy.preston@dnr.wa.gov)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:52 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'becky.kennedy@dnr.wa.gov' <mailto:becky.kennedy@dnr.wa.gov>
'rivers@dnr.wa.gov' <mailto:rivers@dnr.wa.gov>
'cindy.preston@dnr.wa.gov' <mailto:cindy.preston@dnr.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["Mau, Russell E \(DOH\)"; "Fire District" <Irrigation District> <School District> <Federal Agency">](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:51 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'Mau, Russell E (DOH)' <mailto:Russell.Mau@DOH.WA.GOV>
'Fire District' <Irrigation District> <School District> <Federal Agency' <mailto:brenda.smits@doh.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["White, Lori \(ECY\)"; "lori.white@ECY.WA.GOV"; "gcle461@ecy.wa.gov"; "sepaunit@ecy.wa.gov"; "separegister@ecy.wa.gov"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:51 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

'White, Lori (ECY)' <mailto:lowh461@ECY.WA.GOV>
'lori.white@ECY.WA.GOV' <mailto:lori.white@ECY.WA.GOV>
'gcle461@ecy.wa.gov' <mailto:gcle461@ecy.wa.gov>
'sepaunit@ecy.wa.gov' <mailto:sepaunit@ecy.wa.gov>
'separegister@ecy.wa.gov' <mailto:separegister@ecy.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["Nelson, Jennifer L \(DFW\)"; "Downes, Scott G \(DFW\)"; "Renfrow, Brent D \(DFW\)"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:50 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'Nelson, Jennifer L (DFW)' <mailto:Jennifer.Nelson@dfw.wa.gov>
'Downes, Scott G (DFW)' <mailto:Scott.Downes@dfw.wa.gov>
'Renfrow, Brent D (DFW)' <mailto:Brent.Renfrow@dfw.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: postmaster@G3coe.onmicrosoft.com
To: [Joe Seemiller](mailto:seemillerj@kvfr.org)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:49 AM

Your message has been delivered to the following recipients:
Joe Seemiller <<mailto:seemillerj@kvfr.org>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["SEPA \(DAHP\)"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:49 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'SEPA (DAHP)' <<mailto:sepa@dahp.wa.gov>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["brooksideconsulting@gmail.com"](mailto:brooksideconsulting@gmail.com)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:49 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'brooksideconsulting@gmail.com' <mailto:brooksideconsulting@gmail.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["terry@nkctribune.com"; "tribune@nkctribune.com"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:48 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'terry@nkctribune.com' <mailto:terry@nkctribune.com>
'tribune@nkctribune.com' <mailto:tribune@nkctribune.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: ["jessica@yakama.com"](mailto:jessica@yakama.com); ["enviroreview@yakama.com"](mailto:enviroreview@yakama.com); ["johnson@yakama.com"](mailto:johnson@yakama.com); ["jmarvin@yakama.com"](mailto:jmarvin@yakama.com)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:47 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

'jessica@yakama.com' <mailto:jessica@yakama.com>
'enviroreview@yakama.com' <mailto:enviroreview@yakama.com>
'johnson@yakama.com' <mailto:johnson@yakama.com>
'jmarvin@yakama.com' <mailto:jmarvin@yakama.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: [Lindsey Ozbolt](#); [Tristen Lamb](#); [Lisa Lawrence](#); [Kim Dawson](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:39 AM

Your message has been delivered to the following recipients:
Lindsey Ozbolt (lindsey.ozbolt@co.kittitas.wa.us) <mailto:lindsey.ozbolt@co.kittitas.wa.us>
Tristen Lamb (tristen.lamb@co.kittitas.wa.us) <mailto:tristen.lamb@co.kittitas.wa.us>
Lisa Lawrence (lisa.lawrence@co.kittitas.wa.us) <mailto:lisa.lawrence@co.kittitas.wa.us>
Kim Dawson (kim.dawson@co.kittitas.wa.us) <mailto:kim.dawson@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: [Holly Erdman](#); [Karen Hodges](#); [Lucas Huck](#); [Candie Leader](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:38 AM

Your message has been delivered to the following recipients:
Holly Erdman (holly.erdman@co.kittitas.wa.us) <mailto:holly.erdman@co.kittitas.wa.us>
Karen Hodges (karen.hodges@co.kittitas.wa.us) <mailto:karen.hodges@co.kittitas.wa.us>
Lucas Huck (lucas.huck@co.kittitas.wa.us) <mailto:lucas.huck@co.kittitas.wa.us>
Candie Leader (candie.leader@co.kittitas.wa.us) <mailto:candie.leader@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: [Mike Flory](#); [Julie Kjorsvik](#); [Lisa Iammarino](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:38 AM

Your message has been delivered to the following recipients:

Mike Flory (mike.flory@co.kittitas.wa.us) <mailto:mike.flory@co.kittitas.wa.us>

Julie Kjorsvik (julie.kjorsvik@co.kittitas.wa.us) <mailto:julie.kjorsvik@co.kittitas.wa.us>

Lisa Iammarino (lisa.iammarino@co.kittitas.wa.us) <mailto:lisa.iammarino@co.kittitas.wa.us>

Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Microsoft Outlook](#)
To: [Patti Johnson](#); [Taylor Gustafson](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:38 AM

Your message has been delivered to the following recipients:
Patti Johnson (patti.johnson@co.kittitas.wa.us) <mailto:patti.johnson@co.kittitas.wa.us>
Taylor Gustafson (taylor.gustafson@co.kittitas.wa.us) <mailto:taylor.gustafson@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW

From: [Dusty Pilkington](#)
To: [Kim Dawson](#); [Julie Kjorsvik](#); [Lisa Iammarino](#); [Lisa Lawrence](#); [Patti Johnson](#); [Candie Leader](#); ["jessica@yakama.com"](#); ["jmarvin@yakama.com"](#); ["johnson@yakama.com"](#); ["enviroreview@yakama.com"](#); ["separegister@ecy.wa.gov"](#); ["sepaunit@ecy.wa.gov"](#); ["gcle461@ecy.wa.gov"](#); ["Renfrow, Brent D \(DFW\)"](#); ["Downes, Scott G \(DFW\)"](#); ["Nelson, Jennifer L \(DFW\)"](#); ["SEPA \(DAHP\)"](#); ["Mike Flory"](#); ["Mau, Russell E \(DOH\)"](#); ["cindy.preston@dnr.wa.gov"](#); ["rivers@dnr.wa.gov"](#); ["brooksideconsulting@gmail.com"](#); ["Deborah.j.knaub@usace.army.mil"](#); ["tribune@nkctribune.com"](#); ["terry@nkctribune.com"](#); ["Joanna Markell"](#); ["lonnie_allphin@ksd403.org"](#); ["Lucas Huck"](#); ["Karen Hodges"](#); ["PrilucJ@wsdot.wa.gov"](#); ["becky.kennedy@dnr.wa.gov"](#); ["Taylor Gustafson"](#); ["Tristen Lamb"](#); ["Nelson, Jennifer L \(DFW\)"](#); ["Holly Erdman"](#); ["Joe Seemiller"](#); ["White, Lori \(ECY\)"](#); ["lori.white@ECY.WA.GOV"](#); ["Fire District"](#) <Irrigation District> <School District> <Federal Agency">
Cc: [Lindsey Ozbolt](#)
Subject: SE-18-00005 Chimpanzee Sanctuary NW
Date: Thursday, May 31, 2018 8:35:37 AM

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

From: [Megan Woodruff](#)
To: [Lindsey Ozbolt](#)
Cc: [Dusty Pilkington](#)
Subject: Re: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 1:05:23 PM

Thanks so much, Lindsey! =)

I appreciate your help!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

(509) 925-1414, ext. 253

Please note my new office hours:

MON-THURS: 7:00am-6:00pm

On FRIDAYS: If you have an immediate need,
please email [Robyn Smith \(rsmith@kvnews.com\)](mailto:rsmith@kvnews.com)
or call (509) 925-1414, Extension 230.

Thank you!

LEGAL Submission & Approval Deadlines						
If 1st publication date is a...	MON	TUE	WED	THU	FRI	SAT
DEADLINE FOR SUBMISSION	12pm FRI	12pm FRI	12pm MON	12pm TUES	12pm WED	12pm THU
DEADLINE FOR APPROVAL	3pm FRI	11am MON	11am TUE	11am WED	11am THU	11am FRI
COST open rate for legals is \$12.75 per column inch						
NEW CUSTOMERS prepayment is required for new customers - please include a billing address, phone number, and email to send the proof to						
AFFIDAVITS & TEAR SHEETS an affidavit, memo bill, and original tear sheet will be sent to you soon after the last publication date						

From: Lindsey Ozbolt <lindsey.ozbolt@co.kittitas.wa.us>

Sent: Wednesday, May 30, 2018 11:59 AM

To: Megan Woodruff

Cc: Dusty Pilkington

Subject: RE: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Hi Megan.

Thank you for reaching out to me! Attached is the signed confirmation, please publish.

Lindsey Ozbolt

Planning Official

Kittitas County Community Development Services

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

(509) 962-7046 | lindsey.ozbolt@co.kittitas.wa.us

From: Megan Woodruff [mailto:mwoodruff@kvnews.com]

Sent: Wednesday, May 30, 2018 11:53 AM

To: Lindsey Ozbolt

Cc: Dusty Pilkington

Subject: Fw: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Hi Lindsey!

Are you available to approve the attached legal for tomorrow's paper?

Thank you!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

(509) 925-1414, ext. 253

Please note my new office hours:

MON-THURS: 7:00am-6:00pm

On FRIDAYS: If you have an immediate need,
please email **Robyn Smith** (rsmith@kvnews.com)
or call (509) 925-1414, Extension 230.

Thank you!

LEGAL Submission & Approval Deadlines						
If 1st publication date is a...	MON	TUE	WED	THU	FRI	SAT
DEADLINE FOR SUBMISSION	12pm FRI	12pm FRI	12pm MON	12pm TUES	12pm WED	12pm THU
DEADLINE FOR APPROVAL	3pm FRI	11am MON	11am TUE	11am WED	11am THU	11am FRI
COST open rate for legals is \$12.75 per column inch						
NEW CUSTOMERS prepayment is required for new customers - please include a billing address, phone number, and email to send the proof to						
AFFIDAVITS & TEAR SHEETS an affidavit, memo bill, and original tear sheet will be sent to you soon after the last publication date						

From: Megan Woodruff

Sent: Wednesday, May 30, 2018 7:22 AM

To: Dusty Pilkington

Subject: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Good morning Dusty!

Attached is your legal proof scheduled for May 31 and June 14.

I added in the header (3rd line) the "SE-18-00005" project code, because I figured you would want that.

Please reply back with a final approval or any changes by 11:00am this morning.

Thank you!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

(509) 925-1414, ext. 253

Please note my new office hours:

MON-THURS: 7:00am-6:00pm

On FRIDAYS: If you have an immediate need, please email **Robyn Smith** (rsmith@kvnews.com) or call (509) 925-1414, Extension 230.

Thank you!

LEGAL Submission & Approval Deadlines						
If 1st publication date is a...	MON	TUE	WED	THU	FRI	SAT
DEADLINE FOR SUBMISSION	12pm FRI	12pm FRI	12pm MON	12pm TUES	12pm WED	12pm THU
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COST open rate for legals is \$12.75 per column inch						
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AFFIDAVITS & TEAR SHEETS an affidavit, memo bill, and original tear sheet will be sent to you soon after the last publication date						

From: Dusty Pilkington <dusty.pilkington@co.kittitas.wa.us>

Sent: Tuesday, May 29, 2018 5:00 PM

To: Megan Woodruff

Subject: SE-18-00005 Chimpanzee Sanctuary Northwest

Megan,

Could you run this one for May 31st?

Thanks!

Dusty

Dusty Pilkington

Planner I

Kittitas County Community Development Services

411 N Ruby St # 4, Ellensburg, WA 98926

(509) -962-7079

dusty.pilkington@co.kittitas.wa.us

Notice: Email sent to Kittitas County may be subject to public disclosure as required by law.
message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Lindsey Ozbolt](#)
To: "Megan Woodruff"
Cc: [Dusty Pilkington](#)
Subject: RE: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 11:59:07 AM
Attachments: [SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA addendum action legal signed.pdf](#)

Hi Megan.

Thank you for reaching out to me! Attached is the signed confirmation, please publish.

Lindsey Ozbolt

Planning Official

Kittitas County Community Development Services

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

(509) 962-7046 | lindsey.ozbolt@co.kittitas.wa.us

From: Megan Woodruff [mailto:mwoodruff@kvnews.com]
Sent: Wednesday, May 30, 2018 11:53 AM
To: Lindsey Ozbolt
Cc: Dusty Pilkington
Subject: Fw: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Hi Lindsey!

Are you available to approve the attached legal for tomorrow's paper?

Thank you!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

(509) 925-1414, ext. 253

Please note my new office hours:

MON-THURS: 7:00am-6:00pm

On FRIDAYS: If you have an immediate need,
please email **Robyn Smith** (rsmith@kvnews.com)
or call (509) 925-1414, Extension 230.

Thank you!

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AFFIDAVITS & TEAR SHEETS an affidavit, memo bill, and original tear sheet will be sent to you soon after the last publication date						

From: Megan Woodruff

Sent: Wednesday, May 30, 2018 7:22 AM

To: Dusty Pilkington

Subject: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Good morning Dusty!

Attached is your legal proof scheduled for May 31 and June 14.

I added in the header (3rd line) the "SE-18-00005" project code, because I figured you would want that.

Please reply back with a final approval or any changes by 11:00am this morning.

Thank you!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

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Sent: Tuesday, May 29, 2018 5:00 PM

To: Megan Woodruff

Subject: SE-18-00005 Chimpanzee Sanctuary Northwest

Megan,

Could you run this one for May 31st?

Thanks!

Dusty

Dusty Pilkington

Planner I

Kittitas County Community Development Services

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dusty.pilkington@co.kittitas.wa.us

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message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Megan Woodruff](#)
To: [Lindsey Ozbolt](#)
Cc: [Dusty Pilkington](#)
Subject: Fw: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 11:53:05 AM
Attachments: [AD1769998_inl.pdf](#)

Hi Lindsey!

Are you available to approve the attached legal for tomorrow's paper?

Thank you!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

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Thanks!

Dusty

Dusty Pilkington

Planner I

Kittitas County Community Development Services

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To: [Lindsey Ozbolt](#)
Cc: [Dusty Pilkington](#)
Subject: Re: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 11:51:23 AM
Attachments: [AD1769998_inl.pdf](#)

Hi Lindsey!

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legals@kvnews.com

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Dusty

Dusty Pilkington

Planner I

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From: [Megan Woodruff](#)
To: [Dusty Pilkington](#)
Subject: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 7:22:39 AM
Attachments: [AD1769998_jnl.pdf](#)

Good morning Dusty!

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mwoodruff@kvnews.com

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Dusty

Dusty Pilkington

Planner I

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dusty.pilkington@co.kittitas.wa.us

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From: [Dusty Pilkington](#)
To: "[Megan Woodruff](#)"
Subject: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Tuesday, May 29, 2018 5:00:44 PM
Attachments: [SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA action legal.pdf](#)
[SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA action legal.docx](#)

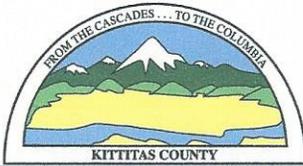
Megan,

Could you run this one for May 31st?

Thanks!

Dusty

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us



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

"Building Partnerships – Building Communities"

June 6th, 2018

J.B. Mulcahy

Chimpanzee Sanctuary Northwest

PO Box 952

Cle Elum, WA 98922

RE: Chimpanzee Sanctuary Northwest SEPA (SE-18-00005)

Mr. Mulcahy,

Community Development Services (CDS) on May 31st, 2018 issued an Addendum (attached) to a Mitigated Determination of Non-Significance (also attached) issued on August 1st, 2016 in regards to the driveway relocation under the Washington State Environmental Policy Act (SEPA). Agencies with jurisdiction and interested members of the public were given opportunity to comment on the proposal. The comment period ended June 15th, 2018. The following comments were received, and are attached:

May 31 st , 2018	Russel Mau, PhD, Washington Department of Health	Comment Email
June 12 th , 2018	Terra Burgess for Gwen Clear, Washington State Department of Ecology	Comment Letter
June 14 th , 2018	Paul Gonseth, Washington Department of Transportation	Comment Letter
June 15 th , 2018	Holly Erdman, Kittitas County Environmental Health	Comment Email
June 15 th , 2018	Taylor Gustafson, Kittitas Public Works	Comment Letter

CDS has decided to retain the MDNS Addendum based on the comments received. The SEPA process has now been concluded. Please feel free to contact me with any questions.

Dusty Pilkington

Planner I

Kittitas County Community Development Services

411 N Ruby St # 4, Ellensburg, WA 98926

(509) -962-7079

dusty.pilkington@co.kittitas.wa.us

CC: Lindsey Ozbolt, Planning Official
Dustin Pierce, Encompass Engineering

via email

via email

From: [J.B. Mulcahy](#)
To: [Dusty Pilkington](#)
Subject: Out of Office Reply Re: SE-18-00005 Chimpanzee NW Transmittal of Comments
Date: Wednesday, June 20, 2018 4:16:40 PM

I will be out of the office until Friday, June 22nd. If you need immediate assistance, please call our main office at 509-699-0728.

Thanks
JB

--

J.B. Mulcahy
Co-Director
Chimpanzee Sanctuary Northwest
Sanctuary: 509-699-0728 <(509)%20699-0728>
Cell: 509-470-4441 <(509)%20470-4441>
Visit our website at ChimpsNW.org

From: [Dusty Pilkington](#)
To: ["jb@chimpsnw.org"](mailto:jb@chimpsnw.org)
Cc: ["Dustin Pierce"](#); [Lindsey Ozbolt](#)
Subject: SE-18-00005 Chimpanzee NW Transmittal of Comments
Date: Wednesday, June 20, 2018 4:16:26 PM
Attachments: [SE-18-00005 Chimpanzee Sanctuary Northwest Transmittal of Comments .pdf](#)

Mr. Mulcahy,

Please find attached the comments and correspondence in regards to the driveway SEPA. A hard copy is en route via the US Postal Service.

Thank you,

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

From: [Taylor Gustafson](#)
To: [Dusty Pilkington](#)
Cc: [Mark Cook](#); [Candie Leader](#)
Subject: RE: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Friday, June 15, 2018 3:31:21 PM
Attachments: [SE-18-00005 Public Works Comments.pdf](#)

Hi Dusty,

Please find Public Works' comments attached.

Best,

Taylor

From: Dusty Pilkington
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson; Julie Kjorsvik; Lisa Iammarino; Lisa Lawrence; Patti Johnson; Candie Leader; 'jessica@yakama.com'; 'jmarvin@yakama.com'; 'johnson@yakama.com'; 'enviroreview@yakama.com'; 'separegister@ecy.wa.gov'; 'sepaunit@ecy.wa.gov'; 'gcle461@ecy.wa.gov'; 'Renfrow, Brent D (DFW)'; 'Downes, Scott G (DFW)'; 'Nelson, Jennifer L (DFW)'; 'SEPA (DAHP)'; Mike Flory; 'Mau, Russell E (DOH)'; 'cindy.preston@dnr.wa.gov'; 'rivers@dnr.wa.gov'; 'brooksideconsulting@gmail.com'; 'Deborah.j.knaub@usace.army.mil'; 'tribune@nkctribune.com'; 'terry@nkctribune.com'; 'Joanna Markell'; 'lonnie_allphin@ksd403.org'; Lucas Huck; Karen Hodges; 'PrilucJ@wsdot.wa.gov'; 'becky.kennedy@dnr.wa.gov'; Taylor Gustafson; Tristen Lamb; 'Nelson, Jennifer L (DFW)'; Holly Erdman; Joe Seemiller; 'White, Lori (ECY)'; 'lori.white@ECY.WA.GOV'; 'brenda.smits@doh.wa.gov'; 'Keli Bender'; 'office@kcf7.com'; 'Mrivera1@bpa.gov'
Cc: Lindsey Ozbolt
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
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dusty.pilkington@co.kittitas.wa.us

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message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Holly Erdman](#)
To: [Dusty Pilkington](#)
Cc: [Tristen Lamb](#)
Subject: RE: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Friday, June 15, 2018 11:09:13 AM

Dusty,

Thank you for this opportunity to comment on the chimpanzee sanctuary.

This system will continue to be classified as a Group B water system. Originally the classroom aspect of the proposal was what gave the impression that the system would need to be re-classified as a Group A water system. If a classroom is no longer in the proposal they will remain a Group B classification. They will just need to continue to do regular monitoring for bacteria annually and nitrates once every 3 years.

Thank you,

HOLLY ERDMAN
ENVIRONMENTAL HEALTH SPECIALIST
KITTITAS COUNTY PUBLIC HEALTH DEPARTMENT
507 N. NANUM STREET, SUITE 102
ELLENSBURG, WA. 98926

509-962-7580

From: Dusty Pilkington
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson; Julie Kjorsvik; Lisa Iammarino; Lisa Lawrence; Patti Johnson; Candie Leader; 'jessica@yakama.com'; 'jmarvin@yakama.com'; 'johnson@yakama.com'; 'enviroreview@yakama.com'; 'separegister@ecy.wa.gov'; 'sepaunit@ecy.wa.gov'; 'gcle461@ecy.wa.gov'; 'Renfrow, Brent D (DFW)'; 'Downes, Scott G (DFW)'; 'Nelson, Jennifer L (DFW)'; 'SEPA (DAHP)'; Mike Flory; 'Mau, Russell E (DOH)'; 'cindy.preston@dnr.wa.gov'; 'rivers@dnr.wa.gov'; 'brooksideconsulting@gmail.com'; 'Deborah.j.knaub@usace.army.mil'; 'tribune@nkctribune.com'; 'terry@nkctribune.com'; 'Joanna Markell'; 'lonnie_allphin@ksd403.org'; Lucas Huck; Karen Hodges; 'PrilucJ@wsdot.wa.gov'; 'becky.kennedy@dnr.wa.gov'; Taylor Gustafson; Tristen Lamb; 'Nelson, Jennifer L (DFW)'; Holly Erdman; Joe Seemiller; 'White, Lori (ECY)'; 'lori.white@ECY.WA.GOV'; 'brenda.smits@doh.wa.gov'; 'Keli Bender'; 'office@kcf7.com'; 'Mrivera1@bpa.gov'
Cc: Lindsey Ozbolt
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[SE-18-00005 Chimpanzee Sanctuary NW](#)

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Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
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dusty.pilkington@co.kittitas.wa.us

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message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Dusty Pilkington](#)
To: "jb@chimpsnw.org"
Subject: FW: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 10:01:14 AM
Attachments: [SE-18-00005 Chimpanzee Sanctuary NW MDNS Signed.pdf](#)
[SE-18-00005 Chimpanzee Sanvtuary Northwest Notice of SEPA Action mailer.pdf](#)
[SE-18-00005 Chimpanzee Sanctuary NW SEPA Checklist.pdf](#)

Mr. Mulcahy,

Keeping you in the loop that the SEPA review on the driveway is underway.

Thanks,

Dusty

From: Dusty Pilkington
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson; Julie Kjorsvik; Lisa Iammarino; Lisa Lawrence; Patti Johnson; Candie Leader; 'jessica@yakama.com'; 'jmarvin@yakama.com'; 'johnson@yakama.com'; 'enviroreview@yakama.com'; 'separegister@ecy.wa.gov'; 'sepaunit@ecy.wa.gov'; 'gcle461@ecy.wa.gov'; 'Renfrow, Brent D (DFW)'; 'Downes, Scott G (DFW)'; 'Nelson, Jennifer L (DFW)'; 'SEPA (DAHP)'; Mike Flory; 'Mau, Russell E (DOH)'; 'cindy.preston@dnr.wa.gov'; 'rivers@dnr.wa.gov'; 'brooksideconsulting@gmail.com'; 'Deborah.j.knaub@usace.army.mil'; 'tribune@nkctribune.com'; 'terry@nkctribune.com'; 'Joanna Markell'; 'lonnie_allphin@ksd403.org'; Lucas Huck; Karen Hodges; 'PrilucJ@wsdot.wa.gov'; 'becky.kennedy@dnr.wa.gov'; Taylor Gustafson; Tristen Lamb; 'Nelson, Jennifer L (DFW)'; Holly Erdman; Joe Seemiller; 'White, Lori (ECY)'; 'lori.white@ECY.WA.GOV'; 'brenda.smits@doh.wa.gov'; 'Keli Bender'; 'office@kcf7.com'; 'Mrivera1@bpa.gov'
Cc: Lindsey Ozbolt
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

From: [Mau, Russell E. \(DOH\)](#)
To: [Dusty Pilkington](#)
Cc: [Holly Erdman](#); [Smits, Brenda M \(DOH\)](#)
Subject: RE: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 9:56:20 AM

Mr. Pilkington:

Department of Health Office of Drinking Water (DOH ODW) does not have any comment regarding the driveway; however, any additional water usage (based SEPA document statement that additional chimpanzee structures are being considered) does need to be evaluated or assessed. At this time, Hart Ranch water system is a Group B – so Kittitas County Health would be the health organization that would initiate such an evaluation or assessment.

Thanks,

Russell E. Mau, Ph.D., P.E.
Regional Engineer
Department of Health, Office of Drinking Water
16201 East Indiana Avenue, Suite 1500, Spokane Valley, WA 99216
Desk: 509-329-2116
Cell: 509-951-5494
Fax: 509-329-2104
Russell.Mau@DOH.WA.GOV

Public Health - Always Working for a Safer and Healthier Washington

Visit our web site at www.doh.wa.gov/ehp/dw

From: Dusty Pilkington [mailto:dusty.pilkington@co.kittitas.wa.us]
Sent: Thursday, May 31, 2018 8:43 AM
To: Kim Dawson <kim.dawson@co.kittitas.wa.us>; Julie Kjorsvik <julie.kjorsvik@co.kittitas.wa.us>; Lisa Iammarino <lisa.iammarino@co.kittitas.wa.us>; Lisa Lawrence <lisa.lawrence@co.kittitas.wa.us>; Patti Johnson <patti.johnson@co.kittitas.wa.us>; Candie Leader <candie.leader@co.kittitas.wa.us>; 'jessica@yakama.com' <jessica@yakama.com>; 'jmarvin@yakama.com' <jmarvin@yakama.com>; 'johnson@yakama.com' <johnson@yakama.com>; 'enviroreview@yakama.com' <enviroreview@yakama.com>; ECY RE SEPA REGISTER <separegister@ecy.wa.gov>; ECY RE SEPA REGISTER <separegister@ecy.wa.gov>; Clear, Gwen (ECY) <GCLE461@ECY.WA.GOV>; Renfrow, Brent D (DFW) <Brent.Renfrow@dfw.wa.gov>; Downes, Scott G (DFW) <Scott.Downes@dfw.wa.gov>; Nelson, Jennifer L (DFW) <Jennifer.Nelson@dfw.wa.gov>; SEPA (DAHP) <sepa@dahp.wa.gov>; Mike Flory <mike.flory@co.kittitas.wa.us>; Mau, Russell E (DOH) <Russell.Mau@DOH.WA.GOV>; PRESTON, CINDY (DNR) <CINDY.PRESTON@dnr.wa.gov>; DNR RE AQ LEASING RIVERS <DNRREAQLEASINGRIVERS@dnr.wa.gov>; 'brooksideconsulting@gmail.com' <brooksideconsulting@gmail.com>; 'Deborah.j.knaub@usace.army.mil' <Deborah.j.knaub@usace.army.mil>; Stoner, Jana <tribune@nkctribune.com>; 'terry@nkctribune.com' <terry@nkctribune.com>; 'Joanna Markell' <jmarkell@kvnews.com>; 'lonnie_allphin@ksd403.org' <lonnie_allphin@ksd403.org>; Lucas Huck <lucas.huck@co.kittitas.wa.us>; Karen Hodges <karen.hodges@co.kittitas.wa.us>; 'PrilucJ@wsdot.wa.gov' <PrilucJ@wsdot.wa.gov>; Kennedy, Becky (DNR)

<Becky.Kennedy@dnr.wa.gov>; Taylor Gustafson <taylor.gustafson@co.kittitas.wa.us>; Tristen Lamb <tristen.lamb@co.kittitas.wa.us>; Nelson, Jennifer L (DFW) <Jennifer.Nelson@dfw.wa.gov>; Holly Erdman <Holly.erdman@co.kittitas.wa.us>; Joe Seemiller <seemillerj@kvfr.org>; White, Lori (ECY) <lowh461@ECY.WA.GOV>; White, Lori (ECY) <lowh461@ECY.WA.GOV>; Smits, Brenda M (DOH) <brenda.smits@doh.wa.gov>; 'Keli Bender' <krd.keli@fairpoint.net>; 'office@kcf7.com' <office@kcf7.com>; 'Mrivera1@bpa.gov' <Mrivera1@bpa.gov>

Cc: Lindsey Ozbolt <lindsey.ozbolt@co.kittitas.wa.us>

Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

Greetings. Find attached a Notice of SEPA Action, SEPA Checklist, and MDNS Addendum for the NW Chimpanzee Sanctuary. The comment period ends June 15th, 2018. Kittitas County will consider this SEPA action based upon timely comments, and will retain, modify, or withdraw this SEPA action at the end of the comment period. Additional information can be viewed at the link below.

[SE-18-00005 Chimpanzee Sanctuary NW](#)

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

Notice: Email sent to Kittitas County may be subject to public disclosure as required by law.
message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Microsoft Outlook](#)
To: ["Deborah.j.knaub@usace.army.mil"](mailto:Deborah.j.knaub@usace.army.mil)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:45 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'Deborah.j.knaub@usace.army.mil' <mailto:Deborah.j.knaub@usace.army.mil>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: postmaster@kcf7.com
To: ["office@kcf7.com"](mailto:office@kcf7.com)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:34 AM

Your message has been delivered to the following recipients:
'office@kcf7.com' <<mailto:office@kcf7.com>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: postmaster@WSDOT.WA.GOV
To: "PrilucJ@wsdot.wa.gov"
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:32 AM

Your message has been delivered to the following recipients:
'PrilucJ@wsdot.wa.gov' <<mailto:PrilucJ@wsdot.wa.gov>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["Keli Bender"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:29 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'Keli Bender' <mailto:krd.keli@fairpoint.net>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: postmaster@journalnet.com
To: ["Joanna Markell"](mailto:Joanna.Markell)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:29 AM

Your message has been delivered to the following recipients:
'Joanna Markell' <<mailto:jmarkell@kvnews.com>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["becky.kennedy@dnr.wa.gov"](mailto:becky.kennedy@dnr.wa.gov); ["rivers@dnr.wa.gov"](mailto:rivers@dnr.wa.gov); ["cindy.preston@dnr.wa.gov"](mailto:cindy.preston@dnr.wa.gov)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:29 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'becky.kennedy@dnr.wa.gov' <mailto:becky.kennedy@dnr.wa.gov>
'rivers@dnr.wa.gov' <mailto:rivers@dnr.wa.gov>
'cindy.preston@dnr.wa.gov' <mailto:cindy.preston@dnr.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["lori.white@ECY.WA.GOV"](mailto:lori.white@ECY.WA.GOV); ["White, Lori \(ECY\)"](#); ["gcle461@ecy.wa.gov"](mailto:gcle461@ecy.wa.gov); ["sepaunit@ecy.wa.gov"](mailto:sepaunit@ecy.wa.gov); ["separegister@ecy.wa.gov"](mailto:separegister@ecy.wa.gov)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:28 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'lori.white@ECY.WA.GOV' <mailto:lori.white@ECY.WA.GOV>
'White, Lori (ECY)' <mailto:lowh461@ECY.WA.GOV>
'gcle461@ecy.wa.gov' <mailto:gcle461@ecy.wa.gov>
'sepaunit@ecy.wa.gov' <mailto:sepaunit@ecy.wa.gov>
'separegister@ecy.wa.gov' <mailto:separegister@ecy.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["SEPA \(DAHP\)"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:28 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'SEPA (DAHP)' <<mailto:sepa@dahp.wa.gov>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["Nelson, Jennifer L \(DFW\)"; "Downes, Scott G \(DFW\)"; "Renfrow, Brent D \(DFW\)"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:27 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'Nelson, Jennifer L (DFW)' <mailto:Jennifer.Nelson@dfw.wa.gov>
'Downes, Scott G (DFW)' <mailto:Scott.Downes@dfw.wa.gov>
'Renfrow, Brent D (DFW)' <mailto:Brent.Renfrow@dfw.wa.gov>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["brenda.smits@doh.wa.gov"](mailto:brenda.smits@doh.wa.gov); ["Mau, Russell E \(DOH\)"](mailto:Russell.Mau@DOH.WA.GOV)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:26 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'brenda.smits@doh.wa.gov' <<mailto:brenda.smits@doh.wa.gov>>
'Mau, Russell E (DOH)' <<mailto:Russell.Mau@DOH.WA.GOV>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["brooksideconsulting@gmail.com"](mailto:brooksideconsulting@gmail.com)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:25 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'brooksideconsulting@gmail.com' <mailto:brooksideconsulting@gmail.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["jessica@yakama.com"](#); ["enviroreview@yakama.com"](#); ["johnson@yakama.com"](#); ["jmarvin@yakama.com"](#)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:25 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:

'jessica@yakama.com' <mailto:jessica@yakama.com>
'enviroreview@yakama.com' <mailto:enviroreview@yakama.com>
'johnson@yakama.com' <mailto:johnson@yakama.com>
'jmarvin@yakama.com' <mailto:jmarvin@yakama.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: ["terry@nkctribune.com"](mailto:terry@nkctribune.com); ["tribune@nkctribune.com"](mailto:tribune@nkctribune.com)
Subject: Relayed: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:24 AM

Delivery to these recipients or groups is complete, but no delivery notification was sent by the destination server:
'terry@nkctribune.com' <mailto:terry@nkctribune.com>
'tribune@nkctribune.com' <mailto:tribune@nkctribune.com>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: postmaster@G3coe.onmicrosoft.com
To: [Joe Seemiller](mailto:seemillerj@kvfr.org)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:15 AM

Your message has been delivered to the following recipients:
Joe Seemiller <<mailto:seemillerj@kvfr.org>>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: [Mike Flory](#); [Julie Kjorsvik](#); [Lisa Iammarino](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:01 AM

Your message has been delivered to the following recipients:

Mike Flory (mike.flory@co.kittitas.wa.us) <mailto:mike.flory@co.kittitas.wa.us>

Julie Kjorsvik (julie.kjorsvik@co.kittitas.wa.us) <mailto:julie.kjorsvik@co.kittitas.wa.us>

Lisa Iammarino (lisa.iammarino@co.kittitas.wa.us) <mailto:lisa.iammarino@co.kittitas.wa.us>

Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: [Holly Erdman](#); [Karen Hodges](#); [Lucas Huck](#); [Candie Leader](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:00 AM

Your message has been delivered to the following recipients:
Holly Erdman (holly.erdman@co.kittitas.wa.us) <mailto:Holly.erdman@co.kittitas.wa.us>
Karen Hodges (karen.hodges@co.kittitas.wa.us) <mailto:karen.hodges@co.kittitas.wa.us>
Lucas Huck (lucas.huck@co.kittitas.wa.us) <mailto:lucas.huck@co.kittitas.wa.us>
Candie Leader (candie.leader@co.kittitas.wa.us) <mailto:candie.leader@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: [Lindsey Ozbolt](#); [Tristen Lamb](#); [Lisa Lawrence](#); [Kim Dawson](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:00 AM

Your message has been delivered to the following recipients:
Lindsey Ozbolt (lindsey.ozbolt@co.kittitas.wa.us) <mailto:lindsey.ozbolt@co.kittitas.wa.us>
Tristen Lamb (tristen.lamb@co.kittitas.wa.us) <mailto:tristen.lamb@co.kittitas.wa.us>
Lisa Lawrence (lisa.lawrence@co.kittitas.wa.us) <mailto:lisa.lawrence@co.kittitas.wa.us>
Kim Dawson (kim.dawson@co.kittitas.wa.us) <mailto:kim.dawson@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Microsoft Outlook](#)
To: [Patti Johnson](#); [Taylor Gustafson](#)
Subject: Delivered: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)
Date: Thursday, May 31, 2018 8:43:00 AM

Your message has been delivered to the following recipients:
Patti Johnson (patti.johnson@co.kittitas.wa.us) <mailto:patti.johnson@co.kittitas.wa.us>
Taylor Gustafson (taylor.gustafson@co.kittitas.wa.us) <mailto:taylor.gustafson@co.kittitas.wa.us>
Subject: SE-18-00005 Chimpanzee Sanctuary NW (Attachments Added)

From: [Kaiser, Mark](#)
To: [Dusty Pilkington](#)
Cc: [Prilucik, Jacob](#); [Gonseth, Paul](#)
Subject: SE-18-00005 – Northwest Chimpanzee Sanctuary
Date: Thursday, June 14, 2018 3:48:45 PM
Attachments: [SE-18-00005 – Northwest Chimpanzee Sanctuary.pdf](#)

Dusty attached is a copy of WSDOT's comments for SE-18-00005 – Northwest Chimpanzee Sanctuary, the original will be mailed to you for your records.

Mark Kaiser

WSDOT – Planning
2809 Rudkin Rd.
Union Gap, WA 98903-1648

Phone: 509-577-1668

From: [Burgess, Terra \(ECY\)](#)
To: [Dusty Pilkington](#)
Subject: SE-18-00005
Date: Tuesday, June 12, 2018 5:00:19 PM
Attachments: [201802847 Kittitas Co \(Pilkington\) Chimpanzee Sanctuary Northwest.pdf](#)

Please see attached for Ecology's comments on SE-18-00005.

Thank you,

Terra Burgess

Assistant to Sage Park, Regional Director

WA Department of Ecology | Central Region Office

1250 W. Alder Street | Union Gap WA 98903-0009

Main 509.575.2490 | Direct Dial 509.249.6296 | terra.burgess@ecy.wa.gov

From: [Terry Hamberg](#)
To: [Dusty Pilkington](#)
Subject: Re: SE-18-00005 NW Chimpanzee Sanctuary
Date: Monday, June 04, 2018 6:08:30 PM

CONFIRMATION RECEIPT:

Thank you for sharing your Notice with Upper Kittitas County citizens. We have received your email and your notice will be published as requested.

Sincerely,
Terry Hamberg
Publisher



Northern Kittitas County Tribune
P.O. Box 308
Cle Elum, WA 98922
(509) 674-2511
fax: (509) 674-5571
tribune@nkctribune.com

On Jun 4, 2018, at 4:08 PM, Dusty Pilkington
<dusty.pilkington@co.kittitas.wa.us> wrote:

Greetings.

Could you publish this one for Thursday the 7th?

Thanks,

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

Notice: Email sent to Kittitas County may be subject to public disclosure as required by law.
message id: 38eb45916c6dcbdac24bb8719d004a14

<SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA action
legal.pdf>

From: [Dusty Pilkington](#)
To: [Kelly Bacon](#)
Subject: SE-18-00005 Chimpanzee Sanctuary
Date: Friday, June 01, 2018 2:52:10 PM
Attachments: [Untitled Extract Pages.pdf](#)

Kelly,

Find attached the site plan as part of the critical areas report for the MDNS.

Dusty Pilkington
Planner I
Kittitas County Community Development Services
411 N Ruby St # 4, Ellensburg, WA 98926
(509) -962-7079
dusty.pilkington@co.kittitas.wa.us

From: [Megan Woodruff](#)
To: [Lindsey Ozbolt](#)
Cc: [Dusty Pilkington](#)
Subject: Re: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 1:05:23 PM

Thanks so much, Lindsey! =)

I appreciate your help!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

(509) 925-1414, ext. 253

Please note my new office hours:

MON-THURS: 7:00am-6:00pm

On FRIDAYS: If you have an immediate need,
please email [Robyn Smith \(rsmith@kvnews.com\)](mailto:rsmith@kvnews.com)
or call (509) 925-1414, Extension 230.

Thank you!

LEGAL Submission & Approval Deadlines						
If 1st publication date is a...	MON	TUE	WED	THU	FRI	SAT
DEADLINE FOR SUBMISSION	12pm FRI	12pm FRI	12pm MON	12pm TUES	12pm WED	12pm THU
DEADLINE FOR APPROVAL	3pm FRI	11am MON	11am TUE	11am WED	11am THU	11am FRI
COST open rate for legals is \$12.75 per column inch						
NEW CUSTOMERS prepayment is required for new customers - please include a billing address, phone number, and email to send the proof to						
AFFIDAVITS & TEAR SHEETS an affidavit, memo bill, and original tear sheet will be sent to you soon after the last publication date						

From: Lindsey Ozbolt <lindsey.ozbolt@co.kittitas.wa.us>

Sent: Wednesday, May 30, 2018 11:59 AM

To: Megan Woodruff

Cc: Dusty Pilkington

Subject: RE: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Hi Megan.

Thank you for reaching out to me! Attached is the signed confirmation, please publish.

Lindsey Ozbolt

Planning Official

Kittitas County Community Development Services

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

(509) 962-7046 | lindsey.ozbolt@co.kittitas.wa.us

From: Megan Woodruff [mailto:mwoodruff@kvnews.com]

Sent: Wednesday, May 30, 2018 11:53 AM

To: Lindsey Ozbolt

Cc: Dusty Pilkington

Subject: Fw: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Hi Lindsey!

Are you available to approve the attached legal for tomorrow's paper?

Thank you!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

(509) 925-1414, ext. 253

Please note my new office hours:

MON-THURS: 7:00am-6:00pm

On FRIDAYS: If you have an immediate need,
please email **Robyn Smith** (rsmith@kvnews.com)
or call (509) 925-1414, Extension 230.

Thank you!

LEGAL Submission & Approval Deadlines						
If 1st publication date is a...	MON	TUE	WED	THU	FRI	SAT
DEADLINE FOR SUBMISSION	12pm FRI	12pm FRI	12pm MON	12pm TUES	12pm WED	12pm THU
DEADLINE FOR APPROVAL	3pm FRI	11am MON	11am TUE	11am WED	11am THU	11am FRI
COST open rate for legals is \$12.75 per column inch						
NEW CUSTOMERS prepayment is required for new customers - please include a billing address, phone number, and email to send the proof to						
AFFIDAVITS & TEAR SHEETS an affidavit, memo bill, and original tear sheet will be sent to you soon after the last publication date						

From: Megan Woodruff

Sent: Wednesday, May 30, 2018 7:22 AM

To: Dusty Pilkington

Subject: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Good morning Dusty!

Attached is your legal proof scheduled for May 31 and June 14.

I added in the header (3rd line) the "SE-18-00005" project code, because I figured you would want that.

Please reply back with a final approval or any changes by 11:00am this morning.

Thank you!

Megan Woodruff

Legal Specialist / Advertising Assistant

Daily Record, Ellensburg

mwoodruff@kvnews.com

legals@kvnews.com

(509) 925-1414, ext. 253

Please note my new office hours:

MON-THURS: 7:00am-6:00pm

On FRIDAYS: If you have an immediate need, please email **Robyn Smith** (rsmith@kvnews.com) or call (509) 925-1414, Extension 230.

Thank you!

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AFFIDAVITS & TEAR SHEETS an affidavit, memo bill, and original tear sheet will be sent to you soon after the last publication date						

From: Dusty Pilkington <dusty.pilkington@co.kittitas.wa.us>

Sent: Tuesday, May 29, 2018 5:00 PM

To: Megan Woodruff

Subject: SE-18-00005 Chimpanzee Sanctuary Northwest

Megan,

Could you run this one for May 31st?

Thanks!

Dusty

Dusty Pilkington

Planner I

Kittitas County Community Development Services

411 N Ruby St # 4, Ellensburg, WA 98926

(509) -962-7079

dusty.pilkington@co.kittitas.wa.us

Notice: Email sent to Kittitas County may be subject to public disclosure as required by law.
message id: 38eb45916c6dcbdac24bb8719d004a14

From: [Lindsey Ozbolt](#)
To: "Megan Woodruff"
Cc: [Dusty Pilkington](#)
Subject: RE: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 11:59:07 AM
Attachments: [SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA addendum action legal signed.pdf](#)

Hi Megan.

Thank you for reaching out to me! Attached is the signed confirmation, please publish.

Lindsey Ozbolt

Planning Official

Kittitas County Community Development Services

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

(509) 962-7046 | lindsey.ozbolt@co.kittitas.wa.us

From: Megan Woodruff [mailto:mwoodruff@kvnews.com]
Sent: Wednesday, May 30, 2018 11:53 AM
To: Lindsey Ozbolt
Cc: Dusty Pilkington
Subject: Fw: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Hi Lindsey!

Are you available to approve the attached legal for tomorrow's paper?

Thank you!

Megan Woodruff

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mwoodruff@kvnews.com

legals@kvnews.com

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From: Megan Woodruff

Sent: Wednesday, May 30, 2018 7:22 AM

To: Dusty Pilkington

Subject: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest

Good morning Dusty!

Attached is your legal proof scheduled for May 31 and June 14.

I added in the header (3rd line) the "SE-18-00005" project code, because I figured you would want that.

Please reply back with a final approval or any changes by 11:00am this morning.

Thank you!

Megan Woodruff

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Daily Record, Ellensburg

mwoodruff@kvnews.com

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Cc: [Dusty Pilkington](#)
Subject: Fw: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 11:53:05 AM
Attachments: [AD1769998_inl.pdf](#)

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Subject: Re: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 11:51:23 AM
Attachments: [AD1769998_inl.pdf](#)

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Subject: Confirmation: Ad 1769998 for KC COMMUNITY DEVELOPMENT SERVICES / Re: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Wednesday, May 30, 2018 7:22:39 AM
Attachments: [AD1769998_jnl.pdf](#)

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From: [Dusty Pilkington](#)
To: "[Megan Woodruff](#)"
Subject: SE-18-00005 Chimpanzee Sanctuary Northwest
Date: Tuesday, May 29, 2018 5:00:44 PM
Attachments: [SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA action legal.pdf](#)
[SE-18-00005 Chimpanzee Sanctuary Northwest Notice of SEPA action legal.docx](#)

Megan,

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Dusty

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