

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:

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.

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A. Background [\[HELP\]](#)

1. Name of proposed project, if applicable:

Teaway Community Forest Grazing Improvements

2. Name of applicant:

Washington Department of Fish and Wildlife (WDFW)

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

Bridgette Glass; 360-790-3036; Bridgette.glass@dfw.wa.gov; 600 Capitol Way N., Olympia, WA 98501

4. Date checklist prepared:

06/01/2020

5. Agency requesting checklist:

WDFW

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

Most of the work will be completed August through October of 2020. Staging of materials may occur before August. Some fencing components that are in the upland may occur past October 30th but will be completed this calendar year.

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

Not at this time.

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

None have been prepared.

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 applications are pending.

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

Federal- USACE 404 Permit, State- SEPA, HPA, Kittias County-Shorelines, critical areas (floodplain).

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.)

There are a total of 13 sites for this project and the actions at these sites can include fence installation, hardened crossing installation, and/or woody debris bank stabilization. Of those 13 sites, fencing will be installed at 11 sites. A total of 3.2 miles of fence will be installed or repaired to protect wetlands and exclude cattle from areas of the stream they access for water or for crossing purposes. Exclusion fences will be installed and will remain fixed in place while some fences will be installed as drop fences that can be laid down after cattle season is over to prevent injury to wildlife when snow covers the fences. Of those 13 sites, hardened crossings will be installed at six sites on

four streams/ivers within the Teanaway Community Forest to harden areas in the stream where cattle cross or use as a drinking source. Across all those six sites, below ordinary high water approximately 70 CY of native streambed will be removed and 70 CY of quarry spalls will be added as fill. Above the ordinary high water mark, a total of 139 CY of native streambed will be removed and a total of 59 CY of quarry spalls will be added resulting in a net of 80 CY of cut across those six sites. Only one site will have woody material used for bank stabilization (Storey (19)).

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.

This project has 13 sites within the Teanaway Community Forest in Kittitas County which are located approximately 4-8 miles north of the town of Cle Elum. Each site is listed below with the parcel number, latitude/longitude, Section, Township and Range, and the nearest adjacent waterbody.

Site	Parcel	Latitude/ Longitude	Section, Township, Range	Waterbody
Casland (11)	037-804835	47.254084 / - 120.884720	S- 6, T-20N, R 16-E	Teanaway River
WFT (22)	037-717535	47.262634 / - 120.91306	S- 36, T-21N, R- 15E	None
Storey (19)	037-337635	47.280176 / - 120.850469	S-28, T-21N, R- 16E	Storey Creek
Dickey (1)	037-337635	47.287664 / - 120.834665	S-28, T-21N, R- 16E	Dickey Creek
Shirk (18)	037-117535	47.305796 / - 120.868978	S-17, T-21N, R- 16E	Shirk Creek
Indian (3)	037-607535	47.313021 / - 120.836905	S-17, T-21N, R- 16E	Indian Creek
Indian (5)	037-927535	47.316553 / - 120.828113	S-15, T-21N, R- 16E	Indian Creek
Indian (6)	037-917535	47.326769 / - 120.801602	S-11, T-21N, R- 16E	Indian Creek
No-name (14)	037-627535	47.317457 / - 120.852831	S-17, T-21N, R- 16E	No name Creek
Jack (7)	037-297535	47.330177 / - 120.839939	S- 9, T- 21N, R- 16E	Jack Creek
Floodplain	037-057535 & 037-037535	47.336556 / - 120.851000	S- 4&5, T21N, R- 16E	N. Fork Teanaway River & Jungle Creek

Little Jungle (10)	037-057535	47.333835 / - 120.863381	S-5, T-21N, R-16E	Jungle Creek
Jungle (8)	037-067535	47.345124 / - 120.873129	S-6, T-21N, R-16E	Jungle

B. Environmental Elements [\[HELP\]](#)

1. Earth [\[help\]](#)

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

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

The steepness of the slopes is not known but generally expected to match the descriptions of soil slopes below. Some of these project areas may have work adjacent to steep slopes but no work would be occurring on those slopes.

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.

According to the Natural Resources Conservation Service (NRCS) soil mapping data, the following soils are found at the 13 sites:

1. Casland (11)- *Patnish-Mippon-Myzel complex, 0-3% slopes and Cumulic Haploxerolls, 0-3% slopes. Patnish-Mippon-Myzel complexes are considered prime farmland and occur at elevations from 1,800 to 4,800 ft with 25 to 40 inches of mean annual precipitation. Cumulic soils are considered farmland of statewide importance and occur at elevations between 500 and 4,900 ft with 7 to 40 inches of mean annual precipitation.*
2. WFT (22)- *Cumulic Haploxerolls, 0-3% slopes. This series was described previously.*
3. Storey (19)- *Cumulic Haploxerolls which are described above and Nard ashy loam, 5-25% slopes. Nard Ashy loam occurs at elevations between 1,800 and 4,500 ft and are considered farmlands of statewide importance. Nard Ashy loam soils receive 30 to 40 inches of mean annual precipitation.*
4. Dickey (1)- *This site contains Standup very gravelly ashy sandy loam 30-60% slopes and Cumulic Haploxerolls which are described previously. Standup soils occur at elevations between 2,500 and 5,300 ft with 35 to 55 inches of mean annual pricipiation and are not considered to be prime farmland.*
5. Shirk (18)- *This site contains Nard ashy loam 5-25% slopes (described above), Cumulic Haploxerolls 0-3% slopes (described above) and Ampad ashy sandy loam 30-60% slopes. Ampad soils occur at elevations between 2,100 and 4,900 ft with 25-40 inches of mean annual precipitation and are not considered to be prime farmland.*
6. Indian (3)- *Cumulic Haploxerolls, 0-3% slopes (described above).*
7. Indian (5)- *Cumulic Haploxerolls, 0-3% slopes (described above).*
8. Indian (6)- *Cumulic Haploxerolls, 0-3% slopes (described above), and Keechelus gravelly ashy loam 30-60% slopes. Keechelus soils occur at elevations between 2,500 and 4,900 ft with 35 to 55 inches of mean annual precipitation and are not considered to be prime farmland.*

9. No-name (14)- *This site contains Nard ashy loam, 0-3% slopes, (described above), and Cumulic Haploxerolls, 0-3% slopes (described above).*
10. Jack (7)- *This site contains Cumulic Haploxerolls, 0-3% slopes which were described above.*
11. Floodplain- *This site contains Cumulic Haploxerolls, 0-3% slopes (described above), Nard ashy loam, 0-3% slopes (described above), Keechelus gravelly ashy loam, 30-60% (described above), and Patnish-Mippon-Myzel complex, 0-3% slopes (described above).*
12. Little Jungle (10)- *This site contains Nard ashy loam, 5-25% slopes which is described above.*
13. Jungle (8)- *This site contains Keechelus gravelly ashy loam, 30-60% south slopes and north slopes and Patnish-Mippon-Myzel complex, 0-3% slopes both described above.*

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

There are no indicators of unstable soils indicative of a natural rock slide. The purpose of this project is to prevent erosion on creek and river banks where cattle go in search of water. Those soils are unstable due to repeated usage.

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.

Above the ordinary high water mark (OHWM), a total of 139 CY of native streambed material will be cut and a total of 59 CY of quarry spall fill as designated in the permit drawings will be added into four different creeks to prevent further degradation of stream habitat by hardening the crossing for cattle. The fill will be sourced locally. The net is 80 CY cut from mostly the banks to provide adequate slopes for cattle crossing.

Site	Waterbody	Above Ordinary High Water Mark (CY)	
		Cut (native material)	Fill (quarry spalls)
Casland (11)	Teanaway River	0	0
WFT (22)	Wetland	0	0
Storey (19)	Storey Creek	0	0
Dickey (1)	Dickey Creek	2	2
Shirk (18)	Shirk Creek	0	0
Indian (3)	Indian Creek	4	4
Indian (5)	Indian Creek	38	8
Indian (6)	Indian Creek	58	8
No-name (14)	No-name Creek	32	32
Jack (7)	Jack Creek	5	5
Floodplain	N. Fork Teanaway	0	0
Little Jungle (10)	Jungle Creek	0	0
Jungle (8)	Jungle Creek	0	0
TOTAL		139	59

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

Erosion is unlikely as a result of the proposed project as ground disturbance will be limited. The fence installation is a linear project but there will be limited ground disturbance required as a part of this project. The nature trail will be designed to limit erosion potential.

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

This project will not increase the amount of impervious surface after the project. The fence is not considered to be impervious surface. The quarry spalls which will be used to create the stream crossings are selected to not be impervious and to allow the movement of water.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
The proposed project has been designed to reduce erosion.

2. Air [\[help\]](#)

- 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.

During project construction, air emissions will be generated with construction equipment. Once the project has been completed, there will be no emissions generated. There may be emissions required if maintenance work is to be completed.

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

There are no off-site sources of emissions or odor that may affect the proposed project.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:
Standard air emission controls on equipment will be in place.

3. Water [\[help\]](#)

- a. Surface Water: [\[help\]](#)

- 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.
 1. **Casland (11)- Teanaway River is adjacent but no work will be done at this site in the water.**
 2. **WFT (22)- There is a wetland in the immediate vicinity of the work. This work will install exclusion fence to protect the fence from usage by cattle.**
 3. **Storey (19)- This project proposes placing fencing across Storey Creek in two locations and the installation of large woody debris to prevent further bank erosion.**
 4. **Dickey (1)- This project proposes work within and adjacent to Dickey Creek. An exclusion fence will be installed up to the edge of Dickey Creek and a hardened crossing will be installed for cattle usage.**
 5. **Shirk (18)- Fence installation work will occur adjacent to Shirk Creek.**
 6. **Indian (3)- A hardened crossing will be installed in Indian Creek.**
 7. **Indian (5)- A hardened crossing will be installed in Indian Creek.**
 8. **Indian (6)- A hardened crossing will be installed in Indian Creek along with exclusion fence that will cross the creek at two locations. There is a wetland in the adjacent vicinity that will be protected with the fencing.**
 9. **No-name (14)- No-name creek will be crossed three times with exclusion fence and two hardened crossings will be installed within the creek.**
 10. **Jack (7)- A hardened crossing will be installed within Jack Creek and two logs will be installed within Jack Creek to stabilize the bank.**
 11. **Floodplain- No work will occur in the water for this site but the work will occur in the immediate vicinity of the N. Fork Teanaway River and Jungle Creek.**
 12. **Little Jungle (10)- Exclusion fencing will be installed across Jungle Creek in two locations.**

13. Jungle (8)- Exclusion fencing will be installed across Jungle Creek in one location.

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.

See response to 3.a.1) for more information and the attached permit drawings.

2) 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.

Below the ordinary high water mark at four creeks, there will be 70 CY of native streambed material removed from the site and approximately 70 CY of quarry spall fill as specified in the attached permit drawings. The fill will be sourced locally.

Site	Waterbody	Below Ordinary High Water Mark (CY)	
		Cut (Native Material)	Fill (Quarry Spalls)
Casland (11)	Teaway River	0	0
WFT (22)	Wetland	0	0
Storey (19)	Storey Creek	0	0
Dickey (1)	Dickey Creek	6	6
Shirk (18)	Shirk Creek	0	0
Indian (3)	Indian Creek	11	11
Indian (5)	Indian Creek	16	16
Indian (6)	Indian Creek	16	16
No-name (14)	No-name Creek	16	16
Jack (7)	Jack Creek	5	5
Floodplain	N. Fork Teaway	0	0
Little Jungle (10)	Jungle Creek	0	0
Jungle (8)	Jungle Creek	0	0
TOTAL		70	70

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

No surface water withdrawals are proposed. Temporary surface water diversions may be necessary if the flow requires those to be established. Sheet 22 in the attached permit drawings documents our dewatering plan and proposed methodology.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. **Only the floodplain site is within a 100-year floodplain (Zone A) according to FEMA Firm Panel 5300950162B effective 5/5/1981.**

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.

The proposal does not involve any discharges of waste materials to surface waters.

b. Ground Water: [\[help\]](#)

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.

No groundwater will be withdrawn for a well for drinking water or other purposes.

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.

No waste material will be discharged into the ground from septic tanks or other sources.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

This project will not generate excess runoff nor will it alter the existing stormwater dynamics, and therefore, no methods are proposed for collection and disposal of water runoff including stormwater.

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

No materials that are being used are considered waste. All debris and trash associated with the construction will be removed from the site once the work has been completed.

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

This proposal will not affect drainage patterns in the vicinity of the site.

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

No impacts are anticipated from the proposed project and therefore no measures to impact drainage patterns are proposed.

4. **Plants** [\[help\]](#)

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

deciduous tree: alder, maple, aspen, other

evergreen tree: fir, cedar, pine, other

shrubs

grass

pasture

crop or grain

Orchards, vineyards or other permanent crops.

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?

No vegetation will be removed or altered.

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

There are no known threatened or endangered plant species

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

No landscaping measures are being proposed as part of this project.

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

Cheatgrass, knapweed and the occasional thistle may be present on or near the sites.

5. Animals [\[help\]](#)

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:

mammals: **deer**, **bear**, **elk**, beaver, other:

fish: bass, **salmon**, **trout**, herring, shellfish, other _____

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

According to the USFWS Information for Planning and Consultation, there are 10 species which may occur on or near the site. These include the gray wolf (Endangered), Canada lynx (Threatened), North American wolverine (proposed Threatened), Grizzly bear (Threatened), Marbled Murrelet (Threatened), Spotted Owl (Threatened), Yellow-billed Cuckoo (Threatened), and the bull trout (Threatened).

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

There are several species of migratory birds that use this area. It is not known whether there is an established migration route. The Bald Eagle, Black Swift, Brewer's Sparrow, Golden Eagle, Olive-sided Flycatcher, White Headed Woodpecker, Williamson's Sapsucker, and Willow flycatcher probably occur within the project areas.

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

This project is designed to restore fish and wildlife habitat resources in the Teanaway Community Forest and therefore no other measures are proposed.

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

The Barred Owl and brook trout may occur in the vicinity of the project area.

6. Energy and Natural Resources [\[help\]](#)

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.

Construction equipment will be fueled with diesel or gasoline. Once the construction work for this project is completed, no energy needs are anticipated.

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

If so, generally describe.

No, this project would have no effect on the potential use of solar power by adjacent properties.

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:

No energy conservation features are proposed as part of this project.

7. Environmental Health [\[help\]](#)

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.

There are no environmental health hazards that could occur as a result of this project.

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

There is no known contamination at the site from present or past uses.

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.

There are no known hazardous liquid or gas transmission lines located within the project area.

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.

No toxic or hazardous chemicals

4) Describe special emergency services that might be required.

No emergency services are anticipated as a result of the proposed project.

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

No measures are proposed to reduce or control environmental health hazards.

b. Noise

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

All of the sites are located within or directly adjacent to the Teanaway Community Forest. These areas are accessible through unimproved forest roads for the most part. There is little noise generated from that limited amount of traffic. None of this noise will affect the proposed project.

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.

Short-term noise will be generated through the construction associated with this project. There is no long-term noise anticipated.

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

Construction work will occur from 7 a.m. through 5 p.m. in order to reduce impacts to sites with adjacent neighbors.

8. Land and Shoreline Use [\[help\]](#)

- 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.

These sites are within the Teanaway Community Forest which is managed for

- 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?

The Teanaway Community Forest is considered a working forest for both timber and cattle. None of this will be converted as part of this project.

- 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, this project will not have any effects on surrounding working farm or forest land normal business operations.recreation

- c. Describe any structures on the site.

Some sites contain existing fence.

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

Some fence lines will be repaired, and in doing so, the current structure will be demolished and then it will be replaced in place with the new fence line.

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

Forest and Range, and Commercial Forest.

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

The land use is designated as a combination of rural working and commercial forest. The resources and open space designation for the project area is commercial forest, and forest and range.

- 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.

Yes, Kittitas County has identified two wetlands and a floodway in the vicinity of the project area.

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

None.

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

None.

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

None.

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

None.

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

No impacts are anticipated, and therefore no measures are proposed.

9. Housing [\[help\]](#)

- 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:

None.

10. Aesthetics [\[help\]](#)

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

The tallest proposed structure would be the fence material which will be approximately 5 ft above the surface comprised of wood and metal.

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

No views in the immediate vicinity will be altered or obstructed.

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

No impacts to the aesthetics are anticipated from the proposed project and therefore no measures are proposed.

11. Light and Glare [\[help\]](#)

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

The proposed project will not produce any light or glare.

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

There will be no light or glare from the finished project.

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

There are no sources of light or glare.

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

No measures are proposed.

12. Recreation [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity?
There are three designated campgrounds. Dispersed camping is not allowed. Hiking, fishing, birdwatching, horseback riding, biking and even motorized recreation is allowed in some parts of the Teanaway Community Forest. The motorized recreation includes snowmobiling and driving on some of the roads in the summer. Some parts in the upper sections of the Teanaway allow for kayaking with spring flows.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
The proposed project will not have any effect on existing recreational uses.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
This project will not impact the existing recreational opportunities. No measures are proposed to reduce or control impacts on recreation.

13. Historic and cultural preservation [\[help\]](#)

- 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 7-Jack project area is within the buffer of 45KT2881, a segment of the Jack Creek Spur of the Cascade Lumber Co Railroad. Project as designed will have no adverse impact to the historic railroad.
- 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.
Four archaeological sites within project API, specifically the 29 Pines portion of the project: 45KT4317, consisting of an historic component and pre contact lithic materials. 45KT4316, consisting of a pre contact flake tool, 45KT1088 consisting of an historic hearth and pre contact lithic material (debitage and flake tool), and 45KT1087 reported by Emerson as a lithic site comprised of CCS lithic debitage, basalt chopper, and a biface. Three shovel probes were excavated with 17 pieces of lithic debitage. The 3-Indian Creek project area is within the buffer of 45KT1243, a lithic scatter 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.
DAHP WISAARD, tribal consultation under GEO-0505. Cultural resource survey, GIS data.
- 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.
Fence design will be adjusted to have a 60ft buffer from archaeological sites identified in the cultural resource survey.

14. Transportation [\[help\]](#)

- 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.

The project sites are located off Teanaway Rd and Teanaway Rd N Fork both of which are accessible by the public. The nearest highway is highway 970 located east of the town of Cle Elum. These streets and highways are shown on sheet 1 in the permit drawings.

- 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?
The project areas are not currently serviced by public transit. The nearest bus stop is approximately 12 miles away at the Safeway in Cle Elum, WA.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
The proposal does not intend to create or eliminate any parking spaces.
- 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).
The proposal will not require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities.
- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
No, the project will not require the use of those transportation methods.
- 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 proposed action will not increase the vehicle trips in the project areas.
- 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.
The proposal will not interfere with or be affected by the movement of agricultural and forest products on roads or streets.
- h. Proposed measures to reduce or control transportation impacts, if any:
No impacts are anticipated and therefore no measures are proposed.

15. Public Services [\[help\]](#)

- 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.
The proposed project will not result in an increased need for any public services.
- b. Proposed measures to reduce or control direct impacts on public services, if any.
No measures are proposed.

16. Utilities [\[help\]](#)

- a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

There are no utilities available at the site.

- c. 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.

There are no utilities proposed in this project for any of the sites.

C. Signature [\[HELP\]](#)

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: Bridgette Glass

Name of signee Bridgette Glass

Position and Agency/Organization Environmental Planner 3, WDFW

Date Submitted: 06/01/2020

