

## 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.

## **A. Background** [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)

**Tillman Creek Habitat Enhancement Project**

2. Name of applicant: [\[help\]](#)

**Kittitas Conservation Trust**

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3. Address and phone number of applicant and contact person: [\[help\]](#)

**Kittitas Conservation Trust**  
**Mitchell Long, Executive Director**  
**PO Box 428**  
**Roslyn, WA 98941-0428**  
**Phone: (509) 649-2951**

4. Date checklist prepared: [\[help\]](#)

**May 18, 2018**

5. Agency requesting checklist: [\[help\]](#)

**Washington Department of Fish & Wildlife (WDFW)**

6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)

**Construction of the proposed project will occur between August and September, 2018.**  
**Construction is estimated to take three days to complete.**

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)

**No.**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)

- **State of Washington Parks & Recreation Commission & Suncadia Environmental Company, LLC Ironhorse State Park Easement and Agreement, No. E962502SUN1, 2012.**
- **Tillman Creek Flow Mitigation Project Description, 2013.**
- **Tillman Creek Flow Augmentation Design Drawings, 2013.**
- **WDFW Hydraulic Project Approval, 2013 & 2018.**
- **Potential Effects to Middle Columbia River Steelhead from Implementation of a Water Bank Program in the Tillman Subbasin Under a Long Term Storage and Delivery Agreement, February 2013.**
- **Supplement To: Potential Effects to Middle Columbia River Steelhead from Implementation of a Water Bank Program in the Tillman Subbasin Under a Long Term Storage and Delivery Agreement, February 2013.**
- **State of Washington Parks & Recreation Commission & Kittitas Conservation Trust Iron Horse State Park Easement and Agreement No. E962502KCT1, 2015.**
- **Tillman Creek Flow Improvement Design Drawings, 2017.**
- **Joint Aquatic Resource Permit Application, 2018.**

- **Cultural Resources Report, 2018.**
- **State Environmental Policy Act Checklist, 2018.**

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. [\[help\]](#)

No.

10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)

- **U.S. Army Corps of Engineers**
  - **Section 404**
  - **Section 106 of the National Historic Preservation Act Consultation**
  - **Endangered Species Act Section 7 Consultation**
- **Washington Department of Ecology**
  - **Section 401 Water Quality Certification**
- **Washington Department of Fish & Wildlife**
  - **SEPA**
  - **Hydraulic Project Approval (HPA)**
- **Kittitas County**
  - **Shoreline Exemption**

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

**Tillman Creek is one of several tributaries to the upper Yakima River that drains the north-facing slope of South Cle Elum Ridge, east of Peoh Point and southwest of the City of South Cle Elum. Tillman Creek flows north from the base of South Cle Elum Ridge to the confluence with the Yakima River. Tillman Creek provides habitat for juvenile steelhead, coho, and spring Chinook salmonids. According to the Washington Department of Fish and Wildlife (WDFW), Tillman Creek currently has poor connectivity to the mainstem Yakima River during times of low flow and extended periods of drought.**

**There is an existing diversion structure made of steel located on an unnamed stream (hereinafter referred to as “No Name Creek”) that was installed for the New Suncadia, LLC (Suncadia) Tillman Creek Flow Augmentation Project through the Suncadia Mitigation Water Banking Program. The structure currently diverts flow from No Name Creek to Tillman Creek to improve aquatic habitat and connectivity with the Yakima River, but requires the annual construction of rock berms to function as intended. This existing structure is not adequate to divert all flow, has maintenance issues, and was not intended to be the permanent structure for the Flow Augmentation Project. The proposed project will remove the steel diversion structure and replace it with a permanent structure.**

**Replacing the existing flow diversion structure will involve constructing a rock sill structure to continue directing up to 5.0 cubic feet per second flow from No Name Creek into Tillman Creek south of the railroad grade that now constitutes the John Wayne Trail. No Name Creek is about one-half mile west of Tillman Creek and is approximately five to seven degrees cooler than Tillman Creek. The adjacent property owner suggests and the topographic map confirms that the unnamed stream could have**

historically been a tributary to Tillman Creek. It appears that the stream was channeled and re-routed directly to the Yakima River through a culvert when the railroad grade was installed; therefore the proposed project helps restore historic and more natural conditions for a functional aquatic environment.

This aquatic habitat enhancement project was originally suggested to the Kittitas Conservation Trust (KCT) by fishery biologists from the Washington Department of Fish and Wildlife and the Yakama Nation. KCT believes it is the best solution to provide additional colder flows to Tillman Creek and to improve the connectivity between Tillman Creek and the Yakima River. Increasing the amount of cold water in Tillman Creek is critical for steelhead trout, coho and spring Chinook salmon and enhancing wetland habitat.

The Suncadia Flow Augmentation Project was approved by the Washington Department of Ecology and the U.S. Bureau of Reclamation. The U.S. Bureau of Reclamation's 2013 Biological Assessment (BA) for the Suncadia Flow Augmentation Project, "*Potential Effects to Middle Columbia River Steelhead from Implementation of a Water Bank Program in the Tillman Subbasin Under a Long Term Storage and Delivery Agreement*", concluded that the project may effect, but is not likely to adversely affect steelhead or steelhead critical habitat in the Yakima River or Tillman Creek. The National Marine Fisheries Service and U.S. Fish and Wildlife Services concurred in the USBR's conclusion.

The BA states the net hydrologic effect would provide an overall benefit to steelhead because higher flows from the unnamed tributary (No Name Creek) will improve habitat conditions in lower Tillman Creek and will improve Tillman – Yakima River connectivity.

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. [\[help\]](#)

The project is located south-west of the City of South Cle Elum.

The approximate latitude and longitude of the project location is 47.17576, -120.98485.

The project is located in T20N, R15E, Section 33, ¼ Section SW.

The property is in Washington State Parks ownership and there is no parcel number found through the Kittitas County Assessor's website.

See page 1 of the attached design drawings.

## B. ENVIRONMENTAL ELEMENTS [\[help\]](#)

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

a. General description of the site: [\[help\]](#)

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

b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

1 – 2 %

- 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. [\[help\]](#)

**The NRCS Web Soil Survey maps the project area as primarily ashy sandy loam, moist soils. The soil will be disturbed and moved within the project area, but will not be hauled off site.**

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [\[help\]](#)

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

**Before excavation work occurs, Kittitas Conservation Trust will identify native plants to be salvaged and re-planted on site after the project is complete.**

**For site preparation, approximately 10 cubic yards of material will be excavated in the footprint of the rock sill. After the large rocks for the sill are placed, approximately 3 cubic yards of the excavated soil will be sluiced into the voids of the sill. The remaining excavated material, about 7 cubic yards, will be graded to match existing ground contours and excess soil will be disposed along the existing Iron Horse Trail (John Wayne Pioneer Trail) within 200-feet of the project site and outside of wetlands and floodplains. KCT will seed the disturbed areas with native grasses, sedges and rushes.**

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

**Minor erosion may occur due to disturbed soils.**

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

**None.**

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

**KCT will identify native plants to be salvaged and re-planted on site after completion of the project. All disturbed soils will be seeded with native grasses, sedges and rushes.**

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

**There will be temporary emissions associated with the construction equipment for building the rock sill structure. Project personnel will access the site via vehicle. There should be no significant impact to air quality.**

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

**Project personnel will carpool to the work area as much as possible and vehicles will be turned off when not in use.**

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

a. Surface Water:

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. [\[help\]](#)

**Yes, Tillman Creek and an unnamed creek (referred to as No Name Creek). No Name Creek conveys water to Tillman Creek. Tillman Creek flows into the Yakima River.**

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. [\[help\]](#)

**Yes. This project is designed as an aquatic enhancement project and will add up to 5cfs of cold water from No Name Creek to Tillman Creek, increasing flow and enhancing aquatic habitat. See attached design drawings.**

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. [\[help\]](#)

**A 4-foot wide rock sill with rock berms extending out 6-8 feet on each side will be constructed. Approximately 15 18"-28" sized large rocks will be locally sourced and hauled in for the rock sill. The voids in the sill be filled with on-site native materials.**

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

**The sand and gravel materials sluiced into voids will be washed to flush most surface silts and fine sands in a downstream sump, with turbid water recycled and then pumped to flat ground within 100-feet of the project for infiltration into the ground.**

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

**No, the project site is not within the mapped 100-year floodplain.**

- 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. [\[help\]](#)

**No. The contractor will operate a 2"-diameter trash pump to pump muddy water from excavations to prevent overflow into the stream. The water will be discharged on flat ground within 100-feet of the project for infiltration into the ground.**

b. Ground Water:

- 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. [\[help\]](#)

**No.**

- 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. [\[help\]](#)

**None.**

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. [\[help\]](#)

**This project is not likely to impact the amount or material associated with runoff, including storm water runoff events.**

- 2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)

**The contractor will operate a 2"-diameter trash pump to pump muddy water from excavations to prevent overflow into the stream. The water will be discharged on flat ground within 100-feet of the project for infiltration into the ground.**

- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [\[help\]](#)

**Yes, this project will divert up to 5 cubic feet per second of flow from an unnamed stream, referred to as No Name Creek, to Tillman Creek. See attached design drawings.**

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [\[help\]](#)

**This project is designed as an aquatic habitat enhancement project. The increased flow in Tillman Creek will improve habitat for juvenile steelhead trout, coho and Chinook salmon, and resident fishes.**

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

a. Check the types of vegetation found on the site: [\[help\]](#)

- 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? [\[help\]](#)

**Approximately 40 square feet of material will need to be excavated. Before excavation, Kittitas Conservation Trust will identify native plants to be salvaged. If necessary, the contractor may assist with removal of relatively large plants. The plants will be set aside in pots for the construction duration (estimated to be 3 days) and then re-planted by KCT and/or the contractor. All disturbed areas will be seeded with a native seed mix.**

c. List threatened and endangered species known to be on or near the site. [\[help\]](#)

**Ute Ladies'-Tresses: not known to occur on site, but may be in the vicinity.**

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

**The area of disturbance will be seeded with a native seed mix consisting of bunch grasses, sedges and rushes.**

e. List all noxious weeds and invasive species known to be on or near the site. [\[help\]](#)

**Potential noxious weeds/invasive species that may be on or near the project site include:**

- Canada thistle**
- Bull thistle**
- Chicory**
- Common mullein**
- Diffuse knapweed**
- Gypsy flower**



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. [\[help\]](#)

- **Birds:** Northern goshawk; Northern spotted owl; flammulated owl; great horned owl; golden eagle; White-headed woodpecker; songbirds
- **Mammals:** elk; mule deer; bear; beaver; blue grouse; lynx; gray wolf; mountain quail; bighorn sheep
- **Fish:** summer steelhead and rainbow trout; spring Chinook salmon; coho salmon; westslope cutthroat; brook trout; bull trout
- **Reptiles and amphibians:** Northern alligator lizard; western fence lizard; western rattlesnake; ring-necked snake; racer; common garter snake; Columbia spotted frog; rubber boa; western toad

b. List any threatened and endangered species known to be on or near the site. [\[help\]](#)

**Middle Columbia River Steelhead  
Columbia River Bull Trout  
Canada Lynx  
Gray Wolf**

c. Is the site part of a migration route? If so, explain. [\[help\]](#)

No.

d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)

**This project is designed as an aquatic habitat enhancement project. The increased flow in Tillman Creek will improve habitat for juvenile steelhead trout, coho and Chinook salmon, and resident fishes.**

e. List any invasive animal species known to be on or near the site. [\[help\]](#)

**None known.**

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. [\[help\]](#)

**None. Upon completion, there will be no need for an energy source at the project site.**

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)

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: [\[help\]](#)

**None. Upon completion, there will be no need for an energy source at the project site.**

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. [\[help\]](#)

**There is a remote chance that petroleum products could leak from the construction equipment or project personnel's vehicles onto the ground. All equipment will be kept in good working condition to minimize this risk. All equipment will have an approved spill kit to contain and clean up spills if they should occur.**

- 1) Describe any known or possible contamination at the site from present or past uses.  
[\[help\]](#)

**None known.**

- 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. [\[help\]](#)

**None known.**

- 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. [\[help\]](#)

**There may be a diesel refueling truck on site to fill equipment during construction.**

- 4) Describe special emergency services that might be required. [\[help\]](#)

**In the event of a fuel or oil spill, the contractor will be required to immediately contact the nearest office of the Washington State Department of Ecology and the WDFW. In the event of a wildfire, the contractor will be required to immediately call 911 and contact the Washington State Department of Natural Resources.**

- 5) Proposed measures to reduce or control environmental health hazards, if any: [\[help\]](#)

**All equipment will be kept in good working condition to minimize the risk of leaks. All equipment will have an approved spill kit to contain and clean up spills if they should occur.**

b. **Noise** [\[help\]](#)

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

**Minimal noise from vehicle traffic and recreationists using the John Wayne Trail.**

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. [\[help\]](#)

**Noise associated with the construction equipment will occur during daylight hours. Equipment noise may exceed 100 decibels. There will be no long-term increase in noise due to this project.**

3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)

**Equipment will be turned off when not in use.**

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

**The property is owned by Washington State Parks and the project location is in the Right of Way for the John Wayne Pioneer Trail. This proposed project is outside of the immediate footprint of the John Wayne Pioneer Trail and will not affect the current use of the property. The adjacent properties and nearby land are rural residential home sites and agricultural fields. This proposal will not affect current land uses on adjacent or nearby 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? [\[help\]](#)

**None.**

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: [\[help\]](#)

**No.**

c. Describe any structures on the site. [\[help\]](#)

**To the north of the project site is the John Wayne Trail with an existing 30" diameter culvert that discharges to the Yakima River. There is also a PSE power pole and underground fiber optic cable to the north of the project area. There is an existing diversion structure made of steel that diverts flow from No Name Creek to Tillman Creek.**

d. Will any structures be demolished? If so, what? [\[help\]](#)

**The existing steel diversion structure will be removed and replaced with a new rock sill structure.**

e. What is the current zoning classification of the site? [\[help\]](#)

**Agriculture 5 Zoning**

f. What is the current comprehensive plan designation of the site? [\[help\]](#)

**Rural Residential Land Use**

g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

**Rural Conservancy**

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)

**Kittitas County maps the project area as rural conservancy.**

i. Approximately how many people would reside or work in the completed project? [\[help\]](#)

**None.**

j. Approximately how many people would the completed project displace? [\[help\]](#)

**None.**

k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)

**Not applicable.**

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)

**The goal of this project is to improve aquatic habitat for sensitive species of fish and wildlife that are of cultural, ecological and economic importance. This project is sponsored by Kittitas Conservation Trust and is supported by project partners.**

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)

**None, this project will not impact agricultural or forest lands of commercial significance.**

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

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)

None.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)

None.

- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)

Not applicable.

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? [\[help\]](#)

**The rock sill will be approximately 16-inches in height.**

- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)

None.

- b. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)

**This project will not impact aesthetics.**

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

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)

**Additional glare and light will only occur during project implementation. Construction will occur on normal business days during daylight hours.**

- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)

No.

- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)

None.

- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)

None.

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

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)

**The John Wayne Pioneer Trail is enjoyed by hikers, horseback riders, bikers, Boy Scouts, rail historians, scientists, and trail enthusiasts of all sorts.**

- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)

**This project will not change or displace 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: [\[help\]](#)

**None.**

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

**None known. An archaeological assessment was conducted in May 2018.**

- 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. [\[help\]](#)

**None known. An archaeological assessment was conducted in May 2018.**

- 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. [\[help\]](#)

**An archaeological assessment has been conducted by a state approved archaeological contractor. As a result of this investigation, one archaeological resource was identified: the former railroad of the Chicago Milwaukee St. Paul. The railroad has been dismantled and maintained as a recreational trail. The trail itself will not be altered or disturbed by the project activities. No buried resources were identified.**

- 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. [\[help\]](#)

**None.**

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

**Kittitas Conservation Trust (KCT) has an easement agreement with Washington State Parks for construction and maintenance of the flow diversion site. KCT also has a site access agreement with State Parks for access through a locked gate to the Trail from South Cle Elum.**

- 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? [\[help\]](#)

No.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

None.

- 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). [\[help\]](#)

No.

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

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? [\[help\]](#)

None.

- 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. [\[help\]](#)

No.

- h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)

None.

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

No.

b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)

None.

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

a. Circle utilities currently available at the site: [\[help\]](#)  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,  
other \_\_\_\_\_

**Unknown. There is a PSE power pole and underground fiber optic cable to the north of the project area. There will be a request for location of all utilities placed to one-call prior to construction to avoid any disturbance to potential utilities in the project area.**

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. [\[help\]](#)

None.

**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: \_\_\_\_\_

Name of signee \_\_\_\_\_

Position and Agency/Organization \_\_\_\_\_

Date Submitted: \_\_\_\_\_

  
Mitchell Long  
Executive Director Kittitas Conservation Trust  
6/25/2018