

SEPA ENVIRONMENTAL CHECKLIST

UPDATED 2014

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: [\[help\]](#)

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: [\[help\]](#)

Coleman Creek Fish Passage and Screening Project at Ellensburg Water Company's Canal

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

Ellensburg Water Company(EWC) and Kittitas County Conservation District (KCCD)

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

Larry Brown, EWC Superintendent

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

July 17, 2014

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

Washington Department of Fish and Wildlife

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

September 2014-June 2017

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. [\[help\]](#)

Cultural Resources Report

Engineered Designs

Design Report

Applications for Permits and Authorizations (JARPA, APPS, SPIF)

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. [\[help\]](#)

The Kittitas Highway Bridge over Coleman Creek is also seeking permits and authorizations. The project sponsors are coordinating with Kittitas County on the two projects but either project can proceed independently without impacting the other.

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

[\[help\]](#)

ESA Section 7 Consultation (USFWS & NOAA Fisheries)

NHPA Section 106 Consultation

CWA Section 404 from the US Army Corps of Engineers

CWA Section 401 from Washington Department of Ecology

HPA from Washington Department of Fish and Wildlife

Floodplain Development Permit from Kittitas County

Building Permit from Kittitas County

Construction Stormwater Permit from Washington Department of Ecology

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

The proposed project will remove the culvert that conveys Coleman Creek under Ellensburg Water Company's (EWC) canal and is a partial fish passage barrier. It will construct a large inverted siphon to convey the canal under Coleman Creek and rebuild the stream channel to provide fish passage for all species and life stages while completely separating creek and canal water at the intersection. The siphon will extend under North Ferguson Road as well; removing the bridge over EWC.

Upstream, this project will remove a fish passage barrier and install a compliant fishway and fish screen in Coleman Creek and will deliver water to the EWC. The existing concrete and wooden check dam in Coleman Creek will be replaced with a new concrete sill and fishway that receives dam boards to provide adequate water surface elevation to submerge the new flat plate fish screens at the point of diversion. A new access road to the screen site will be constructed so the screen facility can be maintained.

The completed project will remove two fish passage barriers, screen an unscreened diversion, and improve water quality by separating canal and creek waters at the intersection of Coleman Creek with EWC's main canal.

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. [\[help\]](#)

1. Kittitas County, about 3.5 miles east of Ellensburg
2. Approximate stream mile 3.8 on Coleman Creek, near the intersection of Coleman Creek with Ellensburg Water Company's main canal
3. NE ¼ Section 9, Township 17, Range 19
4. Parcel Numbers: 903936, 162233, 772233, 842233
5. Project is located near the intersection of Kittitas Highway and North Ferguson Road along Coleman Creek.

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

1. Earth

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

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

Deedale clay loam, flooded 0-2% slopes; Farmland of Statewide Significance

Some of these fertile soils will be excavated, but upon project construction will be used to backfill the excavated and disturbed areas.

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. [\[help\]](#)

Approximately 4900 cubic yards of streambed material will be used to rebuild the stream channel and provide fish passage. Streambed material will be obtained from onsite excavations, local quarries and concrete will be formed in place to construct the new irrigation diversion dam, fishway, and inverted siphon infrastructure. During construction approximately 5000 cubic yards of material will be temporarily excavated to bypass the stream around the work area, remove existing structures, and prepare the streambed and work area for new structures. Upon completion, streambanks will be contoured to a natural slope and all disturbed upland areas will be returned to pre-project conditions unless otherwise shown on design drawings.

Less than 4 acres of disturbance will occur with the complete project.

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

Yes, but best management practices will be applied during all phases of construction to minimize disturbance and prevent additional erosion. Measures will be applied to prevent soil from eroding into Coleman Creek and Ellensburg Water Company's canal and the surrounding land will be stabilized with compatible crops and/or landscaping to pre-existing conditions.

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

Less than 3% will be covered with impervious surfaces to construct a compliant fish screen and fishway and correctly isolate the EWC canal from Coleman Creek. The existing concrete will be demolished and a more natural streambed of Coleman Creek will go over the inverted siphon for the EWC canal.

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

The areas of disturbance will be minimized as much as possible and best management practices will be applied to prevent eroded soils from entering the creek or canal to protect water quality. Disturbed areas will be replanted with native vegetation along streambanks and compatible crop or landscaping where appropriate. Impervious surfaces will be minimized as much as possible.

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. [\[help\]](#)

There are no long term sources of air emissions associated with this project. Diesel exhaust from equipment working during construction is the only known emission associated with this proposal.

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

None known

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

All vehicles will be in good working order and turned off when not in use. Dust control will occur as needed during construction.

3. Water

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

Coleman Creek is a tributary to Naneum Creek, which flows into Wilson Creek and ultimately the Yakima River. Ferguson Ditch/Creek flows into Coleman Creek within the project area. Ellensburg Water Company's main canal crosses the Kittitas Valley and the project occurs where EWC canal crosses Coleman Creek.

- 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, the project will separate the EWC canal from Coleman Creek and Ferguson Ditch/Creek. Much of the work will occur within 200 feet of Coleman Creek.

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

Approximately 2000 cy of material will be excavated from the streambed and canal during construction. Approximately 1700 cy of streambed material (rocks, cobbles, gravels) and soil will be placed upon completion of the project. Native alluvium and soils will be used to backfill as much as possible during construction if materials are suitable. Large boulders and additional gravel/cobble will be imported from local quarries.

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

There are no new withdrawals or diversions proposed. The existing diversions will be screened in compliance with state and federal criteria for up to 19 cfs upon project completion. During construction, Coleman Creek flows will be temporarily diverted around the immediate work area and returned to the restored streambed as quickly as possible.

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

Yes, most of the project work will occur within the 100 year floodplain of Coleman Creek.

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. [\[help\]](#)

During a storm event, it is possible that erosion could cause a discharge of soil and/or unstabilized streambed/bank material. There is also a chance that uncured concrete could come into contact with fish bearing waters if a storm event occurs.

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; hyporheic flow will be pumped out of the work area during construction and discharged on adjacent fields to slowly infiltrate back into the system.

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. [\[help\]](#)

Not Applicable

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. [\[help\]](#)

Best management practices will be applied to prevent runoff from entering the waterbodies. Instream work will be completed as quickly as possible and weather forecasts will be monitored daily to prepare for any forecasted large storm events. In an emergency, stormwater may be captured within a small section of EWC's main canal to avoid a discharge to fish bearing waters.

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

Soil and/or uncured concrete could enter surface waters during a storm event.

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

The project will eliminate the co-mingling of canal and creek water while providing fish passage through this reach of Coleman Creek. Currently, Coleman Creek flows under the canal during the irrigation season and upon completion of the project, the canal will flow under the creek. There are no changes proposed to the

drainage pattern of flows in this vicinity, but the project will restore fish passage and improve water quality in Coleman Creek.

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

Erosion control measures will be applied throughout all phases of construction and until final site stabilization is achieved. In addition, the weather forecast will be monitored closely to prepare the construction area for any expected storms.

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? [\[help\]](#)

Up to 800 linear feet (2 reaches, each 400 feet long) of streambanks may have significant vegetation disturbance to properly rebuild the streambed and banks during construction. Staging areas and access routes will disturb agricultural crops and landscaping. Existing native vegetation will be avoided as much as possible.

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

None known although Ute Ladies' Tresses are listed as threatened on the Endangered Species List.

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

All disturbed streambanks will be protected from erosion in the short term with erosion control fabric and/or mulch and will be replanted with native riparian species suitable to the location for long term stability. Disturbed ground outside the streambanks will be replanted with suitable vegetation, including reseeding crops and/or lawns where appropriate.

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

Reed canary grass, crack willow, Canadian thistle

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: [\[help\]](#)

birds: , , , , other: ,

mammals: deer, bear, elk, beaver, other: small mammals and rodents
fish: bass, salmon, trout, herring, shellfish, other: sculpins, minnows, suckers,
lamprey

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

Mid-Columbia Steelhead
Columbia River Bull Trout

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

Yes, once fish passage barriers are corrected, migratory fish (juvenile and adult salmon as well as resident fish) will access the newly available habitat. Migratory song birds also use the riparian buffer along Coleman Creek during the nesting season.

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

Instream work will occur during the approved instream fish window and riparian disturbance will occur outside of the migratory song bird nesting season. Every effort will be made to minimize disturbance and impacts during construction. This project is proposed to enhance fish and wildlife habitat and has received funding from salmon recovery entities. Numerous conservation measures and best management practices will be applied during construction and site restoration after construction is complete.

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

There may be small populations of sunfish (pumpkinseed, bluegill) present throughout Coleman Creek as well as eastern brook trout. Common invasive birds like sparrows and starlings are nearby as well.

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. [\[help\]](#)

Electricity will be used to power the brushes to sweep the face of the fish screen clean.

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: [\[help\]](#)

In order to meet state and federal fish screening criteria, the screen must be self-cleaning and will require electricity to power the cleaning brushes. The wiper brushes will require minimal energy and will be set to move at the lowest possible intervals, depending on sediment and debris load in Coleman Creek.

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. [\[help\]](#)

Petroleum products to fuel and maintain equipment will be present on site. Concrete structures will be poured in place to construct the fish screen and the inverted siphon under Coleman Creek. Uncured concrete and petroleum products could both be toxic to aquatic life if they come into contact with fish bearing water.

- 1) Describe any known or possible contamination at the site from present or past uses.
There is a possibility that residue from agricultural chemicals (pesticides, fertilizers, herbicides) would be present within the project area.
- 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.
Underground irrigation pipelines are present in the project area and underground septic systems and their associated drainfields are nearby. No other underground infrastructure is known of at this time, but a locate will be completed prior to construction.
- 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.
Petroleum products to fuel and maintain equipment during construction will be onsite. Nontoxic lubricants will be used to maintain the fish screen as needed through the life of the project.
- 4) Describe special emergency services that might be required.
Washington Departments of Military, Ecology, and Fish & Wildlife may respond to a chemical spill. Local emergency responders including Kittitas County Sheriff's Department and the Local Fire District may respond to emergencies during construction. No long term needs for emergency services are expected to change as a result of this project.
- 5) Proposed measures to reduce or control environmental health hazards, if any:

Chemicals and refueling will occur as far away from the wetted stream as possible and best management practices will be applied to the construction site to prevent accidental spills to Coleman Creek, Ferguson Ditch/Creek, and EWC's main canal. The work site will be isolated from flowing waters during construction of the concrete structures to ensure that uncured concrete does not come into contact with fish bearing water. All temporary access routes around the construction site will meet current state and local safety requirements as approved by Kittitas County's Public Works Department. Access routes will also have the appropriate BMPs to ensure water quality is protected in Coleman Creek.

b. Noise

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

Noise from traffic and farming operations exist near the project area; none will affect the 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. [\[help\]](#)

Heavy equipment, trucks, generators, and pumps will generate noise above ambient levels during construction. Work will occur during daylight hours and usually during the regular work week; Monday-Friday. Depending on weather forecasts, some work may occur during the weekends and/or evening hours to prepare the site for storm events. Work schedules will be arranged with surrounding landowners.

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

All equipment will be turned off when not in use and all construction related activities will be coordinated with all stakeholders, including surrounding landowners to minimize impacts during construction. Once the project is complete, noise will not be generated above ambient levels.

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. [\[help\]](#)

Most of the surrounding property is in irrigated, commercial agricultural production with rural residences intermixed. Olmstead State Park is located adjacent to Coleman Creek and is within the project area. Olmstead State Park in the project area is currently leased to a private producer, further downstream the park is open to the public. Upon project completion, there will be no change in use of nearby or adjacent lands.

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? [\[help\]](#)

The properties are currently in agricultural production and will remain so upon project completion. The project will bring the existing irrigation diversion for EWC into compliance with state and federal criteria to continue the existing irrigated agricultural practices.

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. [\[help\]](#)

Kittitas Highway crosses Coleman Creek at the upstream extent of the project area

North Ferguson Road crosses Coleman Creek within the project area

North Ferguson Road crosses EWC's main canal

EWC's main canal crosses Coleman Creek within the project area

Headgates and check-dam for EWC's diversion from Coleman Creek

Vaults and pipes for EWC deliveries to down gradient irrigators

Vaults and pipes for private deliveries to down gradient irrigators

Homes and outbuildings on the east and west sides of Coleman Creek

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

Yes, the existing headgates and check dam in Coleman Creek to divert flow into EWC's main canal will be demolished and replaced with a compliant fish screen and an approved fishway to provide year round fish passage. The existing intersection of EWC's main canal with Coleman Creek will be reconfigured such that the canal flows in an inverted

siphon under Coleman Creek to eliminate intermingling of creek and canal flows. The North Ferguson road bridge over EWC will be demolished as the siphon will go under the road.

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

Commercial Ag

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

Commercial Ag

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

Not applicable

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

Commercial agricultural lands are important as are the fish bearing streams; Coleman Creek and Ferguson Ditch/Creek.

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

Not applicable

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: [\[help\]](#)

Kittitas County representatives have been involved throughout project development and all of the local, state, and federal permits and authorizations will be obtained prior to constructing the project.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

The EWC is a major supplier of irrigation water for producers throughout the Kittitas Valley. The project will bring the EWC into compliance with fish screening and passage laws to ensure delivery of irrigation water to their customers is maintained. The proposed project will benefit fish and wildlife as well as the maintain irrigated agricultural production.

9. Housing

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

Not applicable

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

Not applicable

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

Not applicable

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? [\[help\]](#)

A 6' tall chain link fence will surround the fish screen facility and an overhead light fixture will be approximately 25 feet tall.

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

There will be riparian disturbance associated with project implementation that may alter surrounding landowners' views, but all disturbed areas will be replanted upon project completion. The new fish screen facility will replace the older headgates and check dam that are currently somewhat camouflaged by existing riparian vegetation. The intersection of Coleman Creek with EWC's main canal will have a more natural appearance of a streambed as the canal will flow under the creek upon project completion.

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

The areas of disturbance will be minimized as much as possible and surrounding landowners will continue to be consulted with as the project moves forward. Revegetated areas will be maintained to control invasive species and promote survival of new vegetation.

11. Light and glare

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

Minimal glare may occur from the chain link fence and fish screen facility during daylight hours of direct sunlight. One overhead light fixture will be installed near the fish screen facility.

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 known

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

Impervious surfaces will be minimized to the greatest extent possible and the surrounding landowners will be consulted about how the light will operate.

12. Recreation

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

There are no designated recreational opportunities within the project area, but private landowners may allow fishing and/or swimming access to Coleman Creek on their properties. Olmstead State Park provides public access downstream of the project area; but the public does not use the portion of the Park that is adjacent to the work area.

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

No, the project area is used for commercial agricultural production, even on the Olmstead State Park owned property near the project site. Visitors to Olmstead State Park may have minor, and temporary traffic delays to bypass the construction area during implementation.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)

Project proponents will continue to coordinate with surrounding landowners, including Olmstead State Park to minimize impacts to recreational users during construction. There will be no long term impacts to recreational users.

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 located on or near the site? If so, specifically describe. [\[help\]](#)

There are structures that are over than 45 years old, including the EWC's main canal. The canal has had maintenance and updates to the portion that will be altered with this proposed project, but overall, the canal is likely eligible for listing. Olmstead State Park is also listed, but there will be no changes to the Park.

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. [\[help\]](#)

Olmstead State Park and Ellensburg Water Company's main canal are both important features on the landscape that indicate the rich agricultural history of the Kittitas Valley.

- **Archaeological Review and Inventory of the Coleman Creek, Ellensburg Water Company Crossing Project, Kittitas County, Washington**

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. [\[help\]](#)

Bonneville Power Administration is the lead federal agency for the project and will complete National Historic Preservation Act Section 106 consultation with the SHPO and THPOs. A professional archaeologist will survey the project area to provide information to the SHPO, THPOs, and BPA.

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.

This project will comply with NHPA Section 106 and recommendations made by archaeologists, SHPO, and THPOs. The project will bring the EWC into compliance with state and federal fish screening and passage

laws at its intersection with Coleman Creek. The project will have significant fish benefits but will also help to maintain commercial agriculture in the Kittitas Valley.

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. [\[help\]](#)

Kittitas Highway and North Ferguson Road will be used to access the proposed project area. A temporary road will be constructed for North Ferguson Road during construction to maintain vehicular access to Olmstead State Park throughout project implementation.

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, public transit is not available within at least three miles.

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

Not applicable

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

There will no longer be a bridge over EWC's main canal on North Ferguson Road. The inverted siphon conveying the canal will pass under the roadway. A permanent, private access road to the fish screening facility will be constructed as part of this project to maintain the structure.

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? [\[help\]](#)

No change; routine maintenance for the EWC canal and diversion will continue, especially throughout the irrigation season.

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: [\[help\]](#)

Project proponents will continue to coordinate with Kittitas County and surrounding landowners to minimize impacts. Access will be maintained on North Ferguson Road throughout construction although there may be minor delays.

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. [\[help\]](#)

No

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

Not applicable

16. Utilities

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

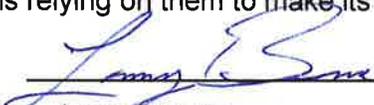
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. [\[help\]](#)

Overhead power will be brought directly to the fish screen facility during construction.

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: _____

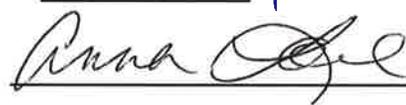


Name of signee Larry Browne

Position and Agency/Organization Ellensburg Water Company, Superintendent

Date Submitted: 7-24-14

Signature: _____



Name of signee Anna Lael

Position and Agency/Organization Kittitas County Conservation District, Manager

Date Submitted: 7/24/14

