WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

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

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

A. BACKGROUND

1. Name of proposed project, if applicable:
Scott Ditch Fish Screening Project

2. Name of applicant:
Washington Department of Fish and Wildlife and
Yakama Nation Fisheries

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

WDFW	**YN**
Pat Schille	**Henry Fraser**
3705 W. Washington Avenue	**201 North Pearl Street**
Yakima, WA 98903	**Ellensburg, WA 98926**

4. Date checklist prepared:
June 22, 2012

5. Agency requesting checklist:
WDFW

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

Work will occur October thru March beginning in 2012 and will be complete by 2015.

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

No, there are no immediate plans for further activity related to or connected with this proposal. There are many fish habitat enhancement opportunities in the South Naches Channel and the Naches River near this project location, including fish passage projects but none are planned at this time in association with this project.

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

Engineered Drawings and Design Report

Cultural and Historic survey Reports (2000 and 2012)

Permit applications

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.

None known

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

ESA Section 7 Consultation with USFWS and NOAA Fisheries
NHPA Section 106 consultation with SHPO and THPO
CWA Section 404 permit from US Army Corps of Engineers
CWA Section 401 from Washington Department of Ecology
HPA from Washington Department of Fish and Wildlife
SMA/CAO Review from Yakima County Planning
Floodplain Development Review from Yakima County Building Division

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

The proposed project will replace an outdated, poorly functioning fish screen that does not meet WDFW or NOAA Fisheries criteria for the protection of fish life. The existing drum screen and paddle wheel will be removed from Scott Ditch at the completion of the irrigation season (sometime in October) and a horizontal flat plate fish screen (Farmers Screen Alliance-FSA) will replace it. The majority of the construction will occur within the existing Scott Ditch channel. The check dam in South Naches Channel will be updated to have higher walls and a new concrete center pier with angle iron for dam boards; this work will require a temporary stream bypass in the channel during construction. The existing dike upstream of the Scott Ditch checkdam will be raised by about one foot for roughly 110 feet along the left bank of the South Naches Channel to prevent it from overtopping at high flows. This slight raise in water surface elevation is required to operate the fish screen at WDFW and NOAA Fisheries criteria. Additionally, the fish bypass pipe will be buried through a pasture to return fish back to South Naches Channel. In order to bring in the appropriate equipment to complete this project, the existing bridge crossing South Naches Channel will need reinforced; no work within the OHWM is expected for this work. An access road will be improved to the fish screen site to minimize ground disturbance and minimize mud being tracked to and from the construction area.

Scott Ditch serves irrigators near the town of Naches. The point of diversion is located on private property. WDFW and YN are working cooperatively with landowners, irrigators, and the South Naches Irrigation District to complete this important fish screening project.

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.

Scott Ditch is an irrigation diversion off of the South Naches Channel near the town of Naches. The South Naches Channel currently functions as a managed side channel of the Naches River to convey irrigation water to several irrigators and ditches. Each diversion is independently screened so the Channel provides good fish habitat, particularly for rearing salmonids.

1. **500 Craig Road Naches, WA 98937**
2. **SE ¼ Section 4, Township 14, Range 17**
3. **46.72575°N; -120.71289°W**

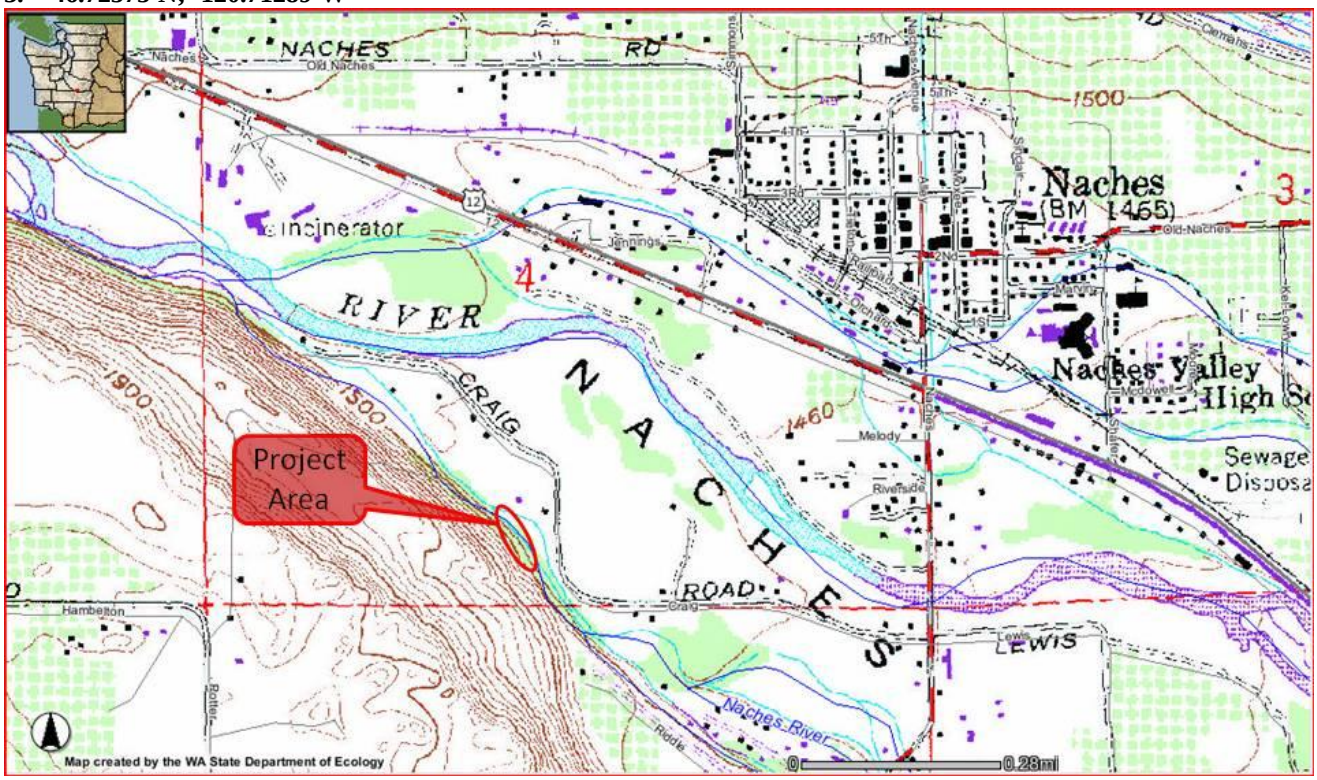

Figure 1. Location of the proposed Scott Ditch Fish Screening Project.

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

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

The work area is flat with a steep slope adjacent to Scott Ditch.

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

~20% but no work will occur on this steep slope adjacent to Scott Ditch. Work will occur on slopes less than 5%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

Weirman gravelly fine sandy loam is the dominant soil type throughout the project area. The steep slope is Kiona stony silt loam. The area is not prime farmland.

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

No, this is currently a stable area. A levee and headgate controlling flow into South Naches Channel protects surrounding properties from flooding in the Naches River. Historically, this area was within the active Naches River channel migration zone and floodplain. It is currently disconnected by a levee creating this stability.

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

Fill will be hauled in to construct an access road to minimize disturbance to natural resources during construction (about 520 tons of 1 ¼" minus crushed rock) with an additional 30 cubic yards of material to surface the road. About 60 cubic yards of existing material will be scraped/graded during road construction and will be used to raise the dike along the left bank of South Naches Channel about one foot in elevation. All fill will come from nearby sources and/or on site spoils. Excavation and backfilling will occur within the Scott Ditch irrigation channel to remove the existing, non-compliant fish screen and to install the new fish screen. Excavation from Scott Ditch through the pasture to the South Naches Channel will be necessary to install the fish bypass pipe. Pea gravels for bedding material may be imported to lay the pipe, but native soils will be used to backfill around the pipe. About 22 cubic yards of 5/8" crushed rock will be needed around the site. Reinforced concrete will be formed on site to house the fish screening infrastructure and to make the check dam operable for the new FSA fish screen.

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

There will be little to minimal clearing associated with this project. Most of the areas of excavation currently have pasture grass as vegetative cover. Some shrubs will be grubbed to construct the bypass return and to increase the check dam height. Most of the construction will occur within the existing Scott Ditch alignment. Access roadways will be rocked to minimize rutting and/or tracking mud to and from the site. Disturbed areas will be reseeded with the appropriate vegetation (native or pasture) as soon as construction is complete. Straw mulch will be placed to further minimize the chances of erosion.

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

Concrete will be poured within Scott Ditch to properly construct and install the new fish screen. The approximate concrete footprint will be 150' x 12' within the irrigation ditch. The existing checkdam already has a small concrete footprint which will not be increased, just raised in elevation. No other impervious surfaces are proposed.

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

Best Management Practices will be applied throughout construction to minimize temporary impacts associated with construction and long term impacts as well. Work will not occur on steep slopes, disturbance will be minimized as much as possible, roads will be improved to reduce erosion potential and mud tracking potential, disturbed areas will be replanted as soon as possible and mulched immediately.

2. Air

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

Emissions during construction may include dust and diesel exhaust from heavy equipment and trucks entering and working at the job site. These will be short term and there will be no emissions upon completion of this project.

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

None known.

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

Work will be completed as quickly and efficiently as possible and vehicles and equipment will be turned off when not in use to minimize vehicular emissions. Work will occur in the fall and winter months when dust is less likely to be a concern, but water trucks will be used if necessary.

3. **Water**

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Yes, the South Naches Channel functions as a managed side channel of the Naches River at about River Mile 13 to deliver irrigation water to several smaller ditches. Scott Ditch diverts from the South Naches Channel. There will be no work in the Naches River. All work will occur in or adjacent to Scott Ditch and the South Naches Channel.

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.

Yes, the existing bridge crossing the South Naches Channel may need reinforced and that is being examined at this time. Work to increase the height of the check dam in the South Naches Channel will require a temporary bypass around the existing check dam such that concrete can be cast in place within the channel without harming fish life. The existing dike just upstream of the checkdam will be raised about one foot in elevation to ensure no adjacent properties are impacted by the proposed project. The fish bypass pipe leaving the new fish screen in Scott Ditch will be buried in a pasture and daylight to enter South Naches Channel. All other work will occur within Scott Ditch, behind the closed headgate to remove the existing fish screen and construct the new fish screen.

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.

The majority of the excavation and filling will occur behind the existing headgate within the irrigation ditch. Minor work will occur along the bank of the South Naches Channel where the fish bypass pipe outlets to return fish to the Channel, less than five cubic yards of material will be excavated or filled below the ordinary high water mark of the South Naches Channel at that point. Large sandbags or ecology blocks will temporarily be placed within the South Naches Channel and a culvert will be installed to temporarily bypass the Channel around the check dam during construction. A new reinforced concrete center piling with angle iron for dam board slots will be built and the dam walls will be raised to operate the fish screen in compliance with state and federal laws. As soon as the concrete has adequately cured, water will be returned to the Channel. There will be no work in wetlands. All material will be obtained from local sources.

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

There will no new diversions associated with this project. The existing, adjudicated water right will remain unchanged but the fish screen will be replaced so that is no longer entrains fish into the irrigation canal and will be compliant with state and federal fish screening criteria.

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

Yes, the entire work area is within the 100 year floodplain but behind a levee on the Naches River.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No, conservation measures will be applied such that there will be no discharges to surface waters.

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

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.

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.

Best Management Practices will be applied to prevent stormwater runoff from entering the South Naches Channel. Mulch, rock, sloping, and revegetation will all be used to prevent runoff.

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

There is a slight chance that waste materials could enter South Naches Channel either from petroleum spills or turbidity from runoff during construction.

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

Best Management Practices will be applied to ensure runoff does not enter the South Naches Channel. Additional measures will be applied to further protect all fish bearing streams in compliance with provisions in the permits and authorizations for work from numerous regulatory agencies. Revegetation and mulch will be supplemented with straw wattles if necessary to protect water quality.

4. **Plants**

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

X deciduous tree: alder, maple, aspen, other

_____ evergreen tree: fir, cedar, pine, other

X shrubs

X grass

X pasture

_____ crop or grain

_____ 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?

Improvements to the existing access road and construction of the fish bypass return pipe will have temporary impacts on the pasture grasses. Some riparian shrubs will be disturbed while constructing the outlet to the fish bypass pipe and while increasing the height of the dike along South Naches Channel.

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

None are known to occur at this site, but Ute Ladies'-tresses are on the ESA list for Yakima County.

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

No disturbance to riparian or native plants is proposed. Pasture grasses will be reseeded upon completion as the staging area and job site will continue to be used as pasture by the landowner. Where possible, native cuttings will be planted along the South Naches channel to enhance the existing riparian buffer.

5. **Animals**

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

birds: hawk, heron, eagle, songbirds, other: wood ducks, other waterfowl, raptors
mammals: deer, bear, elk, **beaver, other: coyotes, small mammals**
fish: bass, **salmon, trout,** herring, shellfish, **other**: **sculpins, minnows, suckers, whitefish**

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

Middle Columbia River Steelhead
Columbia River Bull Trout

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

Yes, juvenile and adult salmonids are present within the South Naches Channel and may migrate into the channel for refuge from high mainstem Naches River flows and/or for good rearing conditions. Migratory songbirds also use the riparian corridor along the Naches River and South Naches Channel.

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

The proposed project will prevent the entrainment of native fish (including salmon and trout) into the irrigation ditch. Minimization measures include timing the work during low flow conditions when there is the least chance of encountering native fish at a vulnerable life stage and best management practices will minimize impacts to other wildlife.

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.

No new energy will be used once the project is installed. There are no moving or mechanical parts on the fish screen that will require energy.

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

No, all new structures will be close to existing grade.

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:

The proposed fish screen will not require any energy to operate in criteria with state and federal fish screening criteria.

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.

During construction heavy equipment will be working in and near South Naches Channel and Scott Ditch. There is always the potential for a petroleum spill. Additionally, concrete will be poured in the Scott Ditch channel for the new fish screen. The concrete work will occur behind the closed headgate so the chance of fish bearing water coming into contact with uncured concrete is extremely low. Uncured concrete can alter the pH of water making it toxic to aquatic organisms.

1) Describe special emergency services that might be required.

In the event of a chemical or petroleum spill, the Departments of Military, Ecology, and Fish & Wildlife will be contacted immediately. Yakima County Sheriff's Office and the local fire district would be first responders in the event of an emergency.

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

All equipment will be in good working condition prior to work beginning and it will be inspected daily for leaks and other malfunctions. In addition, a spill containment kit will be onsite at all times. All local, state, and federal safety laws will apply during construction.

b. **Noise**

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

None know--noises in the area consist of rural traffic and other rural activities. These will not 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.

During construction, there will be increased noises associated with heavy equipment and large trucks hauling materials into and away from the work area. Construction will occur during daylight hours and during normal working days, Monday thru Friday. Exceptions may be made to these working hours with sudden weather changes or at critical stages in construction. Work schedules will be coordinated with adjacent landowners, irrigators, and the Irrigation District.

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

Vehicular traffic in and out of the work area will be minimized as much as possible through carpools and well planned trips. Heavy equipment and large trucks will be turned off when not in use and work will only occur during daylight hours on normal working days except when modifications are approved by cooperating partners and adjacent landowners.

8. **Land and shoreline use**

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

The Scott Ditch point of diversion is located on private property. The property is currently rural in nature and serves as pasture for livestock. Scott Ditch provides irrigation water for agricultural uses down the ditch.

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

Yes and it continues to be used for agriculture and rural homes.

c. Describe any structures on the site.

A private driveway bridge crosses South Naches Channel to access two homes and their surrounding outbuildings. There is a check structure in the South Naches Channel used to divert water into Scott Ditch. A headgate controls water into Scott Ditch. A paddle wheel driven drum screen is located in Scott Ditch but it does not meet state or federal criteria to prevent entrainment into the irrigation diversion. A fish bypass return pipe is buried through the pasture from the fish screen to South Naches Channel.

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

The driveway bridge may be reinforced to ensure safety and stability for large equipment and trucks crossing the South Naches Channel. The paddle wheel and fish screen will be removed from the site.

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

Valley Rural

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

Rural Self Sufficient

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

Not applicable

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

South Naches Channel is fish bearing so every precaution will be taken to protect fish life and water quality in South Naches Channel.

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

There will be no changes to the number of people who live or work at this site. Rural homes will remain and routine ditch and fish screen maintenance activities will continue with current staffing.

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

None

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

Not applicable

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

The landowners and irrigation interests have been involved throughout the design phases for this project and support the current design and work plan. The proposed project will obtain all of the necessary permits and authorizations prior to construction. The project will update a non-compliant fish screen in Scott Ditch to continue the existing uses in this rural area.

9. **Housing**

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

None

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

None

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

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?

Fencing surrounding the fish screen will not exceed six feet in height. There are no buildings proposed.

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

The existing fish screen and infrastructure will be replaced with a different type of screen with a larger footprint. The new fish screen has a low profile, but there will be new infrastructure adjacent to the rock cliff that abuts Scott Ditch.

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

Project sponsors worked with irrigators and landowners to reduce the project footprint and design a compliant fish screen. The proposed project is the preferred alternative to the landowners as it is low profile and has a smaller footprint than earlier proposals.

11. **Light and glare**

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

There may be some glare off of the steel components of the fish screen during hours of direct sunlight.

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

No

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

None known

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

There are no impacts expected due to glare or light. The cliff wall is likely to shade the metal components further reducing the likelihood of impacts.

12. **Recreation**

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

The project area is surrounded by private property with no public access. Private landowners recreate on their land and there will only be temporary impacts to their activities during active construction.

b. Would the proposed project displace any existing recreational uses? If so, describe.

Private landowners' recreational activities may be temporarily displaced during implementation of the project. Close coordination with the landowners will minimize these impacts.

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

Project proponents will work closely with private landowners to minimize construction activities during preferred times of recreational use.

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

A survey of the project site was completed in 2000 and updated in 2012. An American Indian pictograph was documented nearby, but will not be altered or impacted with completion of this project.

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

The archaeological survey reports discuss the importance of irrigation infrastructure to the area as well as use by American Indians.

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

Recommendations from archaeologists and cultural resources specialists with the Yakama Nation will be followed in accordance with NHPA Section 106 consultation.

14. **Transportation**

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

The private entrance to the project site is located off of Craig Road which connects to South Naches Road. Construction vehicles may also use Highway 12, Summitview Avenue, and/or Naches-Tieton Road.

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

No; public transit is more than one mile from the site.

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

Not applicable

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

No; the private driveway bridge may need reinforcements and the farm access road to the fish screen site will be improved to reduce erosion risks during construction.

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

No

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

There will be no change. Daily site visits by maintenance personnel during the irrigation season will continue after project implementation.

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

Not applicable

15. **Public services**

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

Not likely

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

This will be a low maintenance facility and will be protected with fencing to prevent children from coming close to the fish screening infrastructure. During construction, first responders may need to respond, but all safety regulations will be strictly enforced and adhered to in order to minimize that need.

16. **Utilities**

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

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

No power or utilities required to operate this proposed fish screening facility.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: Patrick C Schille (Schille)

Date Submitted: July 19, 2012

Signature: Henry F. Fraser (Fraser)

Date Submitted: 7-23-12