

SCANNED



THURSTON COUNTY
COMMUNITY PLANNING & ECONOMIC DEVELOPMENT

NOV 08 2020 ENVIRONMENTAL CHECKLIST

BUILDING DEVELOPMENT CENTER

"USE BLACK INK ONLY"

1. Applicant: Nisqually Indian Tribe
 Address: 4820 She-Nah-Num Drive SE
Olympia, Wa 98513
 Phone: 360-456-5224
 Cell: _____
 E-Mail Address: stjean.william@nisqually-nsn.gov

* * * * OFFICIAL USE ONLY * * * *

Folder Sequence # _____

Project # : _____

Related Cases: _____

Date Received: _____ By: _____

* * * * OFFICIAL USE ONLY * * * *

2. Point of Contact: Chris Gourley (WDFW)
 Address: 600 Capitol Way North
Olympia, WA 98501
 Phone: 360-790-3118
 Cell: 360-790-3118
 E-Mail Address: Chris.Gourley@dfw.wa.gov

3. Owner: City of Centralia
 Address: 1100 N Tower Ave
Centralia, WA 98531
 Phone: _____
 Cell: _____
 E-Mail Address: _____

4. Property Address or location:

20000 Cook Rd SE, Yelm, WA 98597

5. Quarter/Quarter Section/Township/Range: NW&SW, S1, T16, R2E

6. Tax Parcel #: 22601210100

7. Total Acres: 133.35

8. Permit Type: Shoreline/ Critical Area/Building

9. Zoning: RRR1/5

10. Shoreline Environment: Conservancy (In update, Natural and Riral Conservancy)

11. Water Body: Nisqually River, Centralia Canal

12. Brief Description of the Proposal and Project Name:

Construction of an adult salmon trap within the existing fish ladder at Centralia diversion dam. Aluminum frame trap with pickets; two gates will block passage up the fish ladder, directing fish into the trap area; floor that lifts ~5' to allow staff to capture the fish and put them into a cable lift system to move fish to a roofed 17'x14' sorting facility on a cement slab; sorting area includes fish troughs for handling, enumerating, scientific sampling, and tagging; return pipes back to the fish ladder for returning fish upstream.

Thurston County
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13. Did you attend a presubmission conference for this project? ☒ Yes ☐ No

If yes, when? 12/03/2020

14. Estimated Project Completion Date: Fall 2023

15. List of all Permits, Licenses or Government Approvals Required for the Proposal (federal, state and local--including rezones):

HPA, County permits as required

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

None are known.

17. Do you know of any plans by others which may affect the property covered by your proposal? If yes, explain:

None are known.

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

Spring to summer 2023, concluding by fall for fish returns.

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

A Habitat Assessment, Wetland Report, and no rise certification have been prepared. County permits may require additional reviews under critical areas.



THURSTON COUNTY COMMUNITY PLANNING & ECONOMIC DEVELOPMENT ENVIRONMENTAL ELEMENTS

To be Completed by Applicant

Evaluation for Agency Use Only

1. Earth

- a. General description of the site (check one):

☒ Flat

☐ Rolling

☐ Hilly

☐ Steep Slopes

☐ Mountainous

☐ Other: _____

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

Land does not exceed 15% grade, except at shoreline.

- 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.

Puyallup silt loam is the primary soil type per WSS, NRCS.

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

None.

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

Grading will occur for the building that will be used for sorting. A concrete slab will also be placed. Net fill is 0. Approximately 30 CY of cut and 30 CY of fill are proposed.

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

This site is previously disturbed and is adjacent to the existing facility. Some elements are within the existing footprint of the facility (within the fish ladder) and others are within existing impervious areas.

To be Completed by Applicant

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

The project proposes an increase of impervious surface of roughly 240 SF for the new building and additional 560 feet of gravel placement.

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

BMPs will be implemented during construction to contain any stormwater runoff. Straw wattles, silt fencing, or diversion trenches with check dams may be used where needed.

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.

Minor construction emissions will occur from large equipment use for grading. After project completion, no emissions are expected.

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

None.

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

All large equipment will be fitted with standard emission control devices.

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.

The Centralia Canal is to the north and west of the project and the Nisqually River is the location of the fish ladder for passage. The project will occur in and adjacent to the existing fish ladder. The prepared Wetland Report discusses wetland presence on site.

To be Completed by Applicant

**Evaluation for
Agency Use Only**

- (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 work will occur adjacent to the Centralia Canal and adjacent to the Nisqually River and within wetland buffers.

- (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.

No work is anticipated within any water or wetlands.

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

No surface waters will be withdrawn or diverted.

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

Yes. FEMA FIRM panel 53067C0390E Zone A, no BFE

- (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.

There will be no discharge of waste materials to surface waters.

b. Ground

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

No ground water will be withdrawn and no water will be discharged to ground water.

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- (2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste materials will be discharged into ground from septic or other sources.

c. Water Run-off (including stormwater)

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

Stormwater runoff will be limited due to the small increase in impervious surfaces. Water will flow into the channel.

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

It is highly unlikely, as waste materials will not be present on site.

- (3) Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

BMPs during construction will be in place. Other required measures may be put in place after project completion.

4. **Plants**

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

☒ **Deciduous tree:** ☒ alder ☐ maple ☐ aspen ☐ other _____

☒ **Evergreen tree:** ☒ fir ☐ cedar ☐ pine ☐ other _____

☐ **Shrubs**

☒ **Grass**

☐ **Pasture**

☐ **Crop or grain**

☒ **Wet soil plants:** ☐ cattail ☒ buttercup ☐ bulrush ☐ skunk cabbage
other _____

☐ **Water plants:** ☐ water lily ☐ eelgrass ☐ milfoil ☐ other _____

Other types of vegetation _____

To be Completed by Applicant

- b. What kind and amount of vegetation will be removed or altered?

Small trees and grass will be removed to clear for the new structure. The area is previously disturbed and is on a highly altered landscape.

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

Golden paintbrush (*Castilleja levisecta*) and water howellia (*Howellia aquatilis*) are both listed as threatened within the area.

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

No vegetation enhancement is proposed.

5. Animals

- a. Check 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: _____

☒ **Mammals** ☒ deer, ☐ bear, ☐ elk, ☐ beaver,
☐ other: _____

☒ **Fish:** ☐ bass, ☒ salmon, ☒ trout, ☐ herring, ☐ shellfish,
☐ other: _____

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

Olympia, Tenino, and Yelm pocket gophers, marbled murrelets, streaked horned lark, yellow-billed cuckoo, Oregon spotted frog, and bull trout are all listed as threatened within the area.

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

The project area is along the Pacific flyway for bird migration and is also a salmon migration route.

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

The facility is being enhanced to allow for additional aquaculture research for fish counting and tagging within the Nisqually basin. This will allow for a more complete picture of salmon migration in the area.

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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.

Electrical energy will be used to power the lights and facility components, but will only be used for the on-site buildings and their scientific collection needs.

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

No. The structure will not block any potential solar usage.

- 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 facility will not operate year round and will only be utilized during upstream salmon migration periods.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No. No chemicals will be stored on site. No emergency response spill plan has been prepared due to the lack of hazardous or chemicals.

- (1) Describe special emergency services that might be required.

A facility already exists at this site and no additional emergency services are anticipated.

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

No chemicals will be stored on site.

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**Evaluation for
Agency Use Only**

b. Noise

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

No impacts from outside noise are anticipated.

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

Construction (short-term) noise will not impact surroundings. Usage in migration seasons (24/7) will be minimal from internal elements only.

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

None are proposed.

8. Land and Shoreline Use

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

The site is a hydro dam with fish passage. Adjacent properties are forested and used for agriculture.

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

No.

- c. Describe any structures on the site.

Currently the site is a hydro dam with facilities associated with the dam and fish ladder as well as graveled parking areas.

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

No structures will be demolished.

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

The area is zoned RRR 1/5 (Rural Residential Resource)

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

RRR 1/5

- g. If applicable, what is the current Shoreline Master Program designation of the site?

Current designation is Conservancy and proposed is Natural and Rural Conservancy.

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

Potentially aquifer recharge and wetlands

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

Up to 4 people would work in the area.

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

None.

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

There will not be any displacements.

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

The land use designation is not at jeopardy due to this proposal.

9. **Housing**

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

None.

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

N/A

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

N/A

10. Aesthetics

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

The tallest structure will be roughly 12 feet tall to the peak of roof.

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

None will be altered, as structures exist and the surrounding area is forested and River.

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

None.

11. Light and Glare

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

The facility may have glare associated with the structure, but it is not anticipated. Roofing or siding materials may contribute to this.

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

No.

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

None.

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

None.

12. Recreation

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

Fishing is allowed on parts of the river at certain times of year. Other surrounding areas are not public recreation areas.

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

No.

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

N/A

13. Historic and Cultural Preservation

- a. Are there any 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.

City of Centralia and Nisqually Indian Tribe will be attending to Cultural Reviews.

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

City of Centralia and Nisqually Indian Tribe will be attending to Cultural Reviews.

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

City of Centralia and Nisqually Indian Tribe will be attending to Cultural Reviews.

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.

Cook Road already provides access to the site and will continue to do so.

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

No. The closest bus stops are in the City of Yelm over 6 miles from the project site.

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

An unmarked parking area will hold up to 6 vehicles.

- 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.

- 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.

Up to 4 people will be working at the facility at a given time during migration periods. This may result in up to 20 extra vehicular trips per day to this area.

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

No impacts are expected.

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.

There are no anticipated public service need increases.

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

Proper chemical storage and safety measures.

16. Utilities

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

Electricity, telephone, septic

- 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.

Additional electrical lines will be placed for the facility from existing service.

17. Signature

- a. 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.

Print Name Christina Gourley, WDFW

Date Submitted 07/07/2022

Signature: Christina L Gourley

Digitally signed by Christina L. Gourley
DN: c=US, e=christina.gourley@dc.wa.gov, o=Washington
Department of Fish and Wildlife, ou=Capital and Asset
Management Program, cn=Christina L. Gourley
Date: 2022.07.07 11:09:43 -0700



THURSTON COUNTY
SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS
(Do not use this sheet for project actions)

Non-project proposals are those which are not tied to a specific site, such as adoption of plans, policies, or ordinances.

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment. When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

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Agency Use Only**

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

To be Completed by Applicant

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, flood plains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment