

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:

Case Inlet Shoreline Restoration Project

2. Name of applicant:

South Puget Sound Salmon Enhancement Group

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

Attn: Brian Combs
6700 Martin Way East
Olympia, WA 98516

4. Date checklist prepared:

September 13, 2012

5. Agency requesting checklist: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

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

September-November 2012: Obtain Permits

November 2012-March 2013: Project Implementation

July 2013-September 2013: Finish project, if not already complete

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

NO

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

The JARPA application has been prepared.

A toxics study of the former oyster processing house is pending.

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.

WDFW Right of Entry Permit

WDFW HPA permit

Army Corps Nationwide 27 Permit

Dept. of Ecology Water Quality Certification

Mason County Shoreline Exemption

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

The proposed project includes the removal of a 50' long by 25' wide overwater building and its associated creosote pilings and footings; the complete removal of a 200' long concrete bulkhead (>200 lineal ft.). After removal of the bulkhead, artificial fill associated with the lawn area behind the bulkhead will be removed and disposed of and the affected area will be re-contoured to meet the approximate shape of the surrounding salt marsh. An appropriate riparian planting plan will be developed to address the restored salt marsh and/or the new upland riparian zone.

The proposal is hypothesized to increase salmonid survival primarily through the removal of toxic creosote into the environment, increasing sediment to the forage fish spawning beach, and increasing salt marsh habitat. Also expected are increases/benefits to shore-form diversity, increased primary productivity and prey resources.

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

The site is located at 940 E. North Bay Road, Allyn, WA

Parcel # 12217-14-00020 and adjacent tideland

Also, see the JARPA and project designs

B. ENVIRONMENTAL ELEMENTS

I. Earth

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

b. What is the steepest slope on the site (approximate percent slope)?
 5% at the slope that descends from North Bay Road; the rest of the site is a mild slope, ~1%

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AGENCY USE ONLY

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.

Gravel and various degrees of mineral soils

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

Unknown

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

Up to 1500 cubic yards of fill will be removed from the lawn area between the residential house and the bulkhead and the excavated area will be graded to match adjacent shoreline contours. The fill to be removed is artificial fill placed to create a lawn in what was historically a tidal shoreline. The removed fill will be disposed of at either an appropriate upland site near the project area or at a disposal location determined by the Contractor.

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

Yes, slow rates of erosion could occur from tidal action and rainfall in the project area. An initial flush of sediment is expected to enter tidal waters as a result of exposing sediment and having bare ground in the work zone. However, the initial flush of sediment will be a relatively small quantity and the site is expected to stabilize within a matter of days. This is a typical scenario for shoreline restoration projects sanctioned by permitting agencies on past projects by SPSSEG. In order to reduce short and long-term erosion and siltation, bare upland areas will be covered with straw mulch or equivalent erosion control methods. Bare sediment within tidal areas will be kept to a minimum by using a silt curtain to reduce sediment drift in the water.

The project engineer predicts that long-term erosion will not significantly affect the existing driveway, other infrastructure, or surrounding properties, due to the low-energy wave environment in upper Case Inlet as well as the tendency for shorelines to accrete from the abundant sediment supply in the bay.

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

The site will yield a net decrease in impervious surfaces.

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

See section f. above for erosion control methods

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.

Project actions will yield dust and noise at levels that are typical of small construction projects. ON any given day there will be 1-3 machines working on the job site however this will be temporary and only last for about two weeks.

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

No

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

We do not anticipate levels of emissions needing control or reduction measures.

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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.

Case Inlet, Puget Sound is on the shoreline at the site

- 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, as per the project description the work will involve shoreline restoration actions.

- 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.

AS per above, up to 1500 yards of fill will be removed from the upland area behind the bulkhead. This area is not currently in the tidal area (due to the bulkhead) but after the project is complete it will be tidal. Additionally, up to 50 yards of concrete material from the footings of the over-water building will be removed from tidal sediment.

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

No

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

No

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

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.

None

c. Water runoff (including stormwater):

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

N/A

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

No

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

N/A

4. Plants

a. Check or circle 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, 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?

Up to 6 non-native, ornamental trees and/or shrubs will be removed from the lawn area.

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

None

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

A riparian corridor will be planted with native trees.

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: water fowl
- 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.

None

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

No

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

The project will yield an increase in wildlife habitat (i.e. shoreline and salt marsh habitat increase)

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.

Equipment fuel only

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

If so, generally describe.

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:

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.

The over-water building is suspected to contain asbestos. An environmental report is pending. Any asbestos or other toxic chemicals will be removed by the contractor or a certified HAZMAT specialist.

1) Describe special emergency services that might be required.

None known.

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

Any toxic chemicals documented in the pending environmental report will be removed and disposed of at an appropriate disposal facility by a professional trained in the removal of such hazards.

b. Noise

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

Typical equipment used in small construction projects.

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.

For the duration of the project (two weeks expected) an excavator will be working on the site daily and dump trucks will be coming and going as needed. All work will be during daylight hours from roughly 8AM-5PM.

3) Proposed measures to reduce or control noise impacts, if any:
None needed

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?
The site is not being actively used for any purpose. The buildings are empty and are unmaintained. Adjacent properties are used for residential and commercial shellfish purposes.

b. Has the site been used for agriculture? If so, describe.
No

c. Describe any structures on the site.
a) A residential house, currently not in use
b) An over-water shack, formerly used for oyster processing, that has been unused for several years

d. Will any structures be demolished? If so, what?
Yes, as per the project description the old oyster shack will be demolished.

e. What is the current zoning classification of the site?
RR5

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

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

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
None known

i. Approximately how many people would reside or work in the completed project?
None

j. Approximately how many people would the completed project displace?
None

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

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

No land use plans exist for the site.

9. Housing

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

N/A

- 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?

N/A

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

N/A

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

N/A

11. Light and glare

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

N/A

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

N/A

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

N/A

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

N/A

12. Recreation

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

None

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.

The former oyster shack may be proposed to be added to an historic register

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

This is unknown but a cultural resources report is pending

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

The historical significance of the oyster shack will be determined through the pending report and the permit process for Section 106 review and the appropriate measure will be taken per the permit recommendations.

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.

Access will be off of E. North Bay Road

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

Unknown

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

N/A

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.

N/A

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

None needed

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.

No

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

N/A

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.

None

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: Brian Combs - Brian Combs

Date Submitted: Sept. 17, 2012

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

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.

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:

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, floodplains, 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.