SEPA¹ Environmental Checklist

Purpose of checklist

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization, or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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

Instructions for lead agencies

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals

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.

¹ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/Checklist-guidance

A.Background

Find help answering background questions²

1. Name of proposed project, if applicable:

Jamestown S'Klallam Tribe Shellfish Aquaculture – Sequim Bay

2. Name of applicant:

Applicant: W. Ron Allen

Contact Person: Alex Scagliotti

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

Applicant: P. 360-681-4621

Contact Person: P. 360-477-9712 E. ascagliotti@jamestowntribe.org

Address: 1033 Old Blyn Hwy Sequim, WA 98382

4. Date checklist prepared:

May 24, 2024

5. Agency requesting checklist:

Washington Department of Natural Resources

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

Continuous lease to begin Summer 2024

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

Nο

- 8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
 - 2023 Eelgrass survey + map that includes 25' buffer
 - Map indicating exclusion areas to avoid forage fish spawning areas
 - Programmatic Biological Assessment, Shellfish Activities in Washington State Inland Marine Waters, U.S. Army Corps of Engineers Regulatory Program, October 2015.
 - Programmatic Biological Opinion, National Marine Fisheries Service, September 2015.
 - Programmatic Biological opinion for Shellfish Activities in Washington State Marine inland Waters, U.S. Fish and Wildlife Service, August 2016.
 - Cultural resources survey

² https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-A-Background

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.

Nο

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

WA Department of Ecology:

- CWA Section 401 certification
- Coastal Zone Management consistency approval

WA Department of Natural Resources

- Lease agreement
- Aquatic Use Authorization (obtained April 1st, 2024)

U.S. Army Corps of Engineers

- Letter of Permission
- RHA Section 10 permit

WA Department of Fish and Wildlife

- Fish Transport Permit
- Aquatic Farm Registration

WA Department of Health

- Harvest Site Certificate
- Shellfish Operation License
- 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 purpose of this project is to conduct commercial shellfish aquaculture and to continue enhancement and restoration activities. These include subsistence harvest of oysters (*Crassostrea gigas*, *C. virginica* and *C. sikamea*) and native Olympia oyster (*Ostrea lurida*) restoration. The activities are planned for up to seven acres of the 20.15 acre parcel managed by DNR.

Produced shellfish are used for commercial, subsistence, and ceremonial uses. The Tribe needs to grow shellfish because many growing areas where the Tribe is accustomed to harvesting wild shellfish have low recruitment or are suffering from poor water quality. The Tribe must farm shellfish in order to exercise their treaty rights.

Seeded Culch will be placed by hand for all shellfish. All planting, maintenance, and harvesting are performed by hand. The acreage listed is approximate and will fluctuate; however, the total cultivable area will not change.

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.

Aquaculture activities will take place on a 20.15 acre parcel surrounded by tribal fee and trust lands with no other adjacent landowners. The parcel (#032912State2) is located at Township 29 North, Range 03 West (Lat/long: 84.02533, -122.99967). Also see attachment A for a vicinity map.

B.Environmental Elements

1. Earth

Find help answering earth questions³

a. General description of the site:

The tidelands are mud flats that fall between the ordinary high water mark (OHWM) and approximately -2 mean lower low water (MLLW). There are no other defining features.

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other:

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

Less than 1% slope

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.

The majority of the site is fine sediment or muck that is not conducive access by foot. There will not be any soil removal.

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

³ https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-earth

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.

There will not be any filling, excavation or grading.

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

Nο

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

None

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

None necessary

2. Air

Find help answering air questions⁴

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.

Tidelands will be seeded and harvested via small vessel. There will be some greenhouse gas emissions associated with the boat's motor. Vessel access to the tidelands will be infrequent and for short periods of time throughout the year and emissions will be negligible.

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:

None

3 Water

Find help answering water questions⁵

a. Surface:
Find help answering surface water questions⁶

⁴ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-Air

⁵ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water

⁶ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Surface-water

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

Yes, the intertidal zone of Sequim Bay

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, infrequent small vessel access to the site for seeding and collecting harvest bags

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.

None

4. Will the proposal require surface water withdrawals or diversions? Give a 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:

Find help answering ground water questions⁷

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 a 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 (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

⁷ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Groundwater

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.

This project will not produce runoff.

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

No

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

No

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

N/A

4. Plants

Find help answering plants questions

a.	Check the types of vegetation found on the site:			
	\square deciduous tree: alder, maple, aspen, other			
	\square evergreen tree: fir, cedar, pine, other			
□ shrubs				
	□ grass			
	\square pasture			
\square 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 			
	\square other types of vegetation			
b.	What kind and amount of vegetation will be removed or altered?			

No vegetation will be removed

c. List threatened and 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.

None

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

None known

5. Animals

Find help answering animal questions⁸

a. List any birds and other animals that have been observed on or near the site or are known to be on or near the site.

Examples include:

- Birds: Various gulls, waterfowl, herons, raptors and shorebirds but no critical avian habitats according to the WDFW Priority Habitats and Species (PHS) map.
 Species of special concern known to inhabit Sequim Bay include:
 - Bald eagles (Haliaeetus leucocephalus) protected by the Bald and Golden Eagle Protection Act
 - Trumpeter Swans (Cygnus buccinator) are a species of conservation interest to WDFW
 - Pigeon guillemots (Cepphus columba) are an important indicator species that can utilize Sequim Bay but there are no nesting bluffs near the site.
 - Brant (Branta bermicla) are indicator species that rely on eelgrass and are therefore monitored and tracked.
- Mammals: Harbor seals
- Fishes of concern:
 - Sand Lance (Ammodytes hexapterus) as important forage fish
 - Hood Canal Summer Chum (*Oncorhynchus keta*) ESA threatened
 - Puget Sound Chinook (O. tshawytscha) ESA threatened
- Invertebrates of concern:
 - Olympia oyster (Ostrea lurida) are present on site due to current restoration efforts.
- b. List any threatened and endangered species known to be on or near the site.

Sequim Bay is known to host Hood Canal Summer Chum and Puget Sound Chinook.

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

⁸ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-5-Animals

All of western Washington is part of the Pacific Flyway. This project is not expected to affect migratory birds in any way.

Chum salmon are known to remain close to shorelines during ontogenetic outmigration and may utilize eelgrass beds at the far northern end of the site.

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

Enhancing with native Olympia Oyster (*Ostrea lurida*) restoration if substrate becomes firm enough to support it. We will continue to assess site's ability to support Olympia oysters and implement active restoration if environmental conditions allow.

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

European green crab (Carcinus maenas)

6. Energy and natural resources

Find help answering energy and natural resource questions⁹

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.

N/A

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

N/A

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.

N/A

7. Environmental health

Health Find help with answering environmental health questions 10

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

None known

1. Describe any known or possible contamination at the site from present or past uses.

None known

⁹ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-6-Energy-natural-resou

¹⁰ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-7-Environmental-health

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.

N/A

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.

N/A

4. Describe special emergency services that might be required.

N/A

5. Proposed measures to reduce or control environmental health hazards, if any.

N/A

b. Noise

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

None

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)?

Occasional watercraft engine noise when planting or hauling harvest bags. Boat access will be during daylight hours. All other visits will be on foot.

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

None needed

8. Land and shoreline use

Find help answering land and shoreline use questions 11

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.

Currently permitted for Olympia oyster restoration under NWP 27 and there are occasional site visits to assess oyster restoration viability with limited potential due to the extremely soft substrate conditions.

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 because of the proposal, if any? If resource lands have

SEPA Environmental checklist (WAC 197-11-960)

¹¹ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-8-Land-shoreline-use

not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No

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.

None

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

No

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

N/A on tidelands

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

N/A on tidelands

- g. If applicable, what is the current shoreline master program designation of the site? Clallam SMP use: Aquatic
 - h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

No

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

 None. Several visits per year for short duration of shellfish workers.
 - j. Approximately how many people would the completed project displace?

None

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

N/A

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

This application to switch the use of the tidelands from restoration to commercial aquaculture is to be in line with DNR directives.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

N/A

9. Housing

Find help answering housing questions¹²

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

Find help answering aesthetics questions 13

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?

None

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

None needed

11. Light and glare

Find help answering light and glare questions 14

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:

https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-9-Housing
 https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-10-Aesthetics
 https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-elements-10-Aesthetics
 https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-11-Light-glare

12. Recreation

Find help answering recreation questions

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

Boating – both motor and human-powered.

There is no known shellfish harvesting on the area due to poor growing conditions.

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:

None

13. Historic and cultural preservation

Find help answering historic and cultural preservation questions¹⁵

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

No

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.

Yes. See cultural resources report - attached.

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.

Cultural resources survey and report conducted by Wessen and Associates (attached)

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.

Foot access to the site will be via established paths so as not to disturb known archeological sites - as is done with surrounding aquaculture lands as per existing TEPA requirements on surrounding tribal lands.

¹⁵ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-13-Historic-cultural-p

14. Transportation

Find help with answering transportation questions¹⁶

 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.

Access will be gained via watercraft from John Wayne Marina or by foot via approved access points on Tribal lands mentioned above.

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?

Yes. A Clallam Transit System bus stop is located approximately 150 yards southeast of the site.

c. 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).

No.

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

No.

e. 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?

Access to tidelands will be predominantly via foot from Tribal offices and will not include additional traffic. Access via watercraft will occur two to four times per year from a vessel already moored at the marina and will similarly not add additional traffic.

f. 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.

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

None needed.

15. Public services

Find help answering public service questions 17

https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-14-Transportation
 https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-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.

No.

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

N/A

16. Utilities

Find help answering utilities questions 18

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

None.

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

Find help about who should sign¹⁹

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.



Type name of signee: Alex Scagliotti

Position and agency/organization: Environmental Planner – Jamestown S'Klallam Tribe

Date submitted: 5/24/2024

D.Supplemental sheet for nonproject actions

Find help for the nonproject actions worksheet 20

Do not use this section for project actions.

¹⁸ https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-16-utilities

¹⁹ https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-C-Signature

²⁰ https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-d-non-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 redu	uce or respond to such demand(s) a	are:
 Identify, if possible, whether the proposal may conflict with local, state, or fed or requirements for the protection of the environment. 			
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