

SEPA 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.

A. Background [Find help answering background questions](#)

1. Name of proposed project, if applicable:

Puyallup Tribe of Indians Shellfish Aquaculture Farm

2. Name of applicant:

David Winfrey

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

3009 East Portland Avenue, Tacoma, WA, 98404

253-573-7933

4. Date checklist prepared:

11/6/23

5. Agency requesting checklist:

King County

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

Installation targeting spring of 2024. Operations would be ongoing.

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

No future additions or expansions are connected to this proposal.

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

Macroalgae/eelgrass survey report.

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.

No, there are no other pending government approvals affecting the property.

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

Section 10 permit from U.S. Army Corps of Engineers

- 11. Give a 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.)**

This project proposes to establish a new shellfish farm to cultivate Manila clams (*Venerupis philippinarium*) and Pacific Oysters (*Crassostrea gigas*) on 2.7 acres of intertidal land. Clams will be cultivated in the natural substrate at tidal elevations between approximately +5.0 feet (ft) and -2.0 ft mean lower low water (MLLW). Oysters will be grown in on-bottom bags at tidal elevations between approximately +2.0 and -2.0 ft MLLW. The farm will be owned and operated by the Puyallup Tribe of Indians and their sale will provide jobs and income for members of the Puyallup tribe.

- 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 project area is composed of 2.4 acres of intertidal land (Figure 1). The project is located on King County tax parcel numbers 2823039003, 2923039004, and 2923039105, sections 28 and 29, Township 23N, Range 3E (47.459554° N, 122.43845° W).



Figure 1. Project Area

B. Environmental Elements

1. Earth [Find help answering earth questions](#)

a. General description of the site:

All 3 parcels are a combination of marine shoreline and upland mixed forest. Tidelands are located within each parcel.

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

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

Slope is estimated as the slope of a typical feeder bluff shoreline found in the South Central Puget Sound (approximately 30% 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 marine intertidal is a mix of sand and cobble typical of undeveloped Puget Sound shoreline.

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

There are no surface indications or history of unstable soils in the immediate vicinity.

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.

Not applicable, no filling, excavating, or grading activities are proposed.

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

Not applicable, no clearing or construction is proposed.

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

Not applicable, no impervious surfaces will be constructed.

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

2. Air [Find help answering air questions](#)

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.

Negligible air emissions would be produced by boats accessing the tidelands.

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

No, there are no off-site sources of emissions or odor that would affect this proposal.

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

All equipment is properly maintained to conform to EPA emission standards.

3. Water [Find help answering water questions](#)

a. Surface Water: [Find help answering surface water questions](#)

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 proposed project is located within Puget Sound on the east shoreline of Vashon Island. The project is approximately 1,000 feet north along the shoreline from the outlets of Dilworth and Gorsuch creeks.

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.

Establishing the shellfish farm will require work in the intertidal zone of the Puget Sound. All work will be done by hand and will consist of removing debris such as driftwood and rocks, and securing bag-on-bottom culture bags and cover nets to the substrate using rebar.

2. 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.

Not applicable, no filling or dredging is required for this project.

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

No, there will be no surface water withdrawal or diversion.

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

The site is intertidal and does lie within the FEMA 100-year floodplain (identified as a coastal flood zone

with velocity hazard).

- 5. 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, there will be no discharge of waste materials.

b. Ground Water: [Find help answering ground water questions](#)

- 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, there will be no withdrawal from a well or discharge of waste materials into groundwater.

- 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.**

Not applicable.

c. Water Runoff (including stormwater):

- a) 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.**

Not applicable.

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

Not applicable.

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

No, the proposal will not alter or affect drainage patterns.

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

Not applicable.

4. Plants [Find help answering plants questions](#)

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
- orchards, vineyards, or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

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

There are no plans to remove or alter any vegetation.

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

No threatened or endangered plant species known to be on or near the site.

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

The project will comply with all conservation measures from the programmatic consultation for shellfish aquaculture in Washington state (Corps 2015, NMFS 2016, USFWS 2016). This includes avoiding native eelgrass (*Zostera marina*) beds and 16-foot buffers around delineated beds.

References

- Corps. 2015. Programmatic Biological Assessment: Shellfish Activities in Washington State Inland Marine Waters. U.S. Army Corps of Engineers Regulatory Program, Seattle, WA.
- NMFS. 2016. Endangered Species Act (ESA) Section 7(a)(2) Biological Programmatic Opinion and Magnuson-Stevens Fishery Conservation and Management Act Essential Fish Habitat Consultation: Washington State Commercial Shellfish Aquaculture and Restoration Programmatic. NOAA, NMFS, West Coast Region, NMFS Consultation Number WCR-2014-1502, Seattle, Washington.
- USFWS. 2016. Biological Opinion: Programmatic consultation for shellfish activities in Washington State inland marine waters. U.S. Fish and Wildlife Service, 01EWF00-2016-F-0121, Lacey, WA.

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

The invasive brown alga *Sargassum muticum* was observed at the project site.

5. Animals [Find help answering animal questions](#)

- 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: hawk, heron, eagle, songbirds, other:
- Mammals: deer, bear, elk, beaver, other:
- Fish: bass, salmon, trout, herring, shellfish, other: Bocaccio rockfish (*Sebastes paucispinus*), yelloweye rockfish (*Sebastes ruberrimus*), Pacific sand lance (*Ammodytes hexapterus*), Dungeness crab (*Cancer magister*)

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

Chinook Salmon (*Oncorhynchus tshawytscha*) Puget Sound ESU

Steelhead (*Oncorhynchus mykiss*) Puget Sound DPS

Yelloweye Rockfish (*Sebastes ruberrimus*) Puget Sound-Georgia Basin DPS

Bocaccio Rockfish (*Sebastes paucispinus*) Puget Sound-Georgia Basin DPS

Killer Whale (*Orcinus orca*) Southern Resident DPS

Marbled Murrelet (*Brachyramphus murmuratus*)

Bull Trout (*Salvelinus confluentus*)

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

Salmonids would migrate through the site, but no obstructions to migration would occur.

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

The project would comply with all conservation measures from the programmatic consultation for shellfish aquaculture in Washington state (Corps 2015, NMFS 2016, USFWS 2016). These measures are intended to avoid and minimize impacts to the environment and wildlife, to the extent practicable.

References

- Corps. 2015. Programmatic Biological Assessment: Shellfish Activities in Washington State Inland Marine Waters. U.S. Army Corps of Engineers Regulatory Program, Seattle, WA.
- NMFS. 2016. Endangered Species Act (ESA) Section 7(a)(2) Biological Programmatic Opinion and Magnuson-Stevens Fishery Conservation and Management Act Essential Fish Habitat Consultation: Washington State Commercial Shellfish Aquaculture and Restoration Programmatic. NOAA, NMFS, West Coast Region, NMFS Consultation Number WCR-2014-1502, Seattle, Washington.
- USFWS. 2016. Biological Opinion: Programmatic consultation for shellfish activities in Washington State inland marine waters. U.S. Fish and Wildlife Service, 01EWF00-2016-F-0121, Lacey, WA.

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

Several invasive species have been documented in the Puget Sound and could be on or near the site. These include several species of tunicate (*Styela clava*, *Ciona savignyi*) and

potentially the European green crab which was first documented in May 2022 in Hood Canal. This project complies with all regulations intended to limit the spread of aquatic invasive species.

6. Energy and Natural Resources [Find help answering energy and natural resource questions](#)

- 1. 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.**

Gasoline will be used for boats to travel to and from the project site. Boats may also be used on occasion to aid in the seeding of Manila clams.

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

No, this project will not affect the potential use of solar energy by adjacent properties.

- 3. 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.**

Energy inputs for the project will be minimal. The project requires minimal energy by design, as most of the setup and construction will occur by hand. The only required energy would be gasoline for boats used to access the site.

7. Environmental Health [Find help with answering environmental health questions](#)

- 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.

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

The site is listed on the Washington State 303(d) list for impaired water quality. It is listed for the following parameters: Dissolved Oxygen (Category 5). The most recent exceedance was in 2017. Other measured parameters (e.g., fecal coliform, temperature, and enterococci bacteria) were within the range of established thresholds.

- 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.**

There are no existing hazardous chemicals/conditions or pipelines that would affect the project development and design.

- 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.

There will be no toxic or hazardous chemicals at the project site. The project will comply with all conservation measures from the programmatic consultation for shellfish aquaculture in Washington state to minimize use of toxic or hazardous chemicals.

4. Describe special emergency services that might be required.

There are no expected special emergency services needed as incident occurrence is extremely low. However, fire and/or ambulance services may be required in the event of a worker accident.

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

There are no anticipated environmental health hazards. The risk of diesel or oil spill or accidents is minimal, and all precautions will be used for prevention. The operator will have a Safety Policy and Environmental Code of Practice that guides workers in safe and environmentally sound operations.

b. Noise

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

None will 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 operations, noise would be limited to occasional boat use and light construction noise from manual placement of rebar in shellfish farm.

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

Standard engine shielding will be used to minimize noise from boat motors.

8. Land and Shoreline Use [Find help answering land and shoreline use questions](#)

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.

The three parcels making up the site are undeveloped rural shoreline. Adjacent parcels consist of privately owned residential properties.

Possible alternative uses of the site would be recreational fishing or kayaking during high tide. Given that the clam and oyster farm will be located on the tidelands and not on the surface of the water, the proposal is unlikely to impact these other uses.

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

Not applicable.

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?

Not applicable.

c. Describe any structures on the site.

No structures are currently on the site.

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

No, there will be no structures demolished.

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

The current zoning classification is RA-10 – Rural area, one dwelling unit per 10 acres for parcels 2923039004, and 2923039105. For parcel 2823039003, the current zoning classification is RA2.5 – Rural area, one dwelling unit per 5 acres.

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

The current comprehensive plan designation is Rural area.

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

Conservancy.

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

Yes, the project site is considered a flood hazard area, based on FEMA flood mapping (King County Code (KCC) 21A. 24.382). Additionally, the project site is within the shoreline jurisdiction (KCC 21A.25).

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

No one will be residing in the completed project.

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

No one will be displaced by the completed project.

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.

None. The project as proposed is consistent with existing and projected land uses and plans.

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

Not applicable.

9. Housing [Find help answering housing questions](#)

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

There will be no housing units on the site.

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

There will be no housing units eliminated on the site.

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

Not applicable.

10. Aesthetics [Find help answering aesthetics questions](#)

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

The nets, bags, and associated gear would have a maximum height of 6 inches above the substrate and would only be visible at low tide. At high tide, all structures would be submerged.

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

No views in the immediate vicinity would be altered or obstructed.

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

The shellfish farm will have minimal aesthetic impacts. During high tide, no gear will be visible. During low tide, rebar, nets, and bags may be visible but will lie close to the floor of the tidelands.

11. Light and Glare [Find help answering light and glare questions](#)

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

Shellfish activities will mostly occur during the day; however, some work will occur at night based on the tide. Minimal light or glare would be produced when shellfish farm activities are conducted at night. The light sources during work at night would consist of personal headlamps, handheld flashlights, and battery-operated work lights (roughly one cubic foot, 1,000 lumens).

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

No, light or glare will not be a safety hazard or interfere with views.

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

No existing off-site light or glare will affect the project.

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

None.

12. Recreation [Find help answering recreation questions](#)

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

Recreational boating, kayaking, and fishing opportunities may exist in the immediate vicinity of the project. However, the amount of recreational use is relatively low, as there are no public access points to the shoreline nearby.

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

At some tidal elevations, there may be minimal interference with recreational boating or kayaking activities. Given the slope and character of the shoreline, it is unlikely that boaters would regularly use the project area.

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

As the proposed shellfish farm would be installed in the intertidal zone and would be underwater for much of the tidal cycle, impacts to recreation are largely avoided.

13. Historic and Cultural Preservation [Find help answering historic and cultural preservation questions](#)

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.

There are no recorded historic properties within the permit area, based on the National Register of Historic Places, Washington Information System for Architectural and Archaeological Records Data, and other sources of information, as reviewed by the U.S. Army Corps of

Engineers. Given the intertidal location and limited nature and extent of the proposed work, it is unlikely that the project would affect unrecorded historic property or evidence of historic use.

- 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.**

See 13a.

- 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.**

As noted above, available online resources were consulted to assess potential impacts. The location of the proposed project limits the potential for historic or cultural resources to occur. This is consistent with the conclusion made by the U.S. Army Corps of Engineers.

- 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.**

Given the project is anticipated to have no impact on historic or cultural resources, no avoidance or minimization measures are proposed.

14. Transportation [Find help with answering transportation questions](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.**

The project site will primarily be accessed by boat. Access may occasionally occur from the uplands by hiking down from the adjacent road.

- 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?**

No, the site is not currently served by public transit. The closest public transit site would be the Vashon Island Ferry Terminal.

- 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, the project will not require any new or improved roads.

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

The project will not rely on any public water, rail, or air transportation. Site access will be primarily by water on private vessels.

- 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?**

Regular maintenance will occur approximately two times per month for both the Manila clam and oyster farm operations. Travel will be conducted by boat to the project site.

- 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, it will not interfere, affect, or be affected by the movement of agricultural and forest products.

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

No measures to reduce or control transportation impacts are anticipated.

15. Public Services [Find help answering public service questions](#)

- 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.**

In the event of an accident, emergency services may be required. Shellfish farm employees are well trained and adhere to all worker safety requirements.

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

None

16. Utilities [Find help answering utilities questions](#)

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

Not applicable. The site is undeveloped shoreline, so no utilities are currently available at the site.

- 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 utilities are proposed for the project.

C. Signature [Find help about who should sign](#)

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.

X 

Type name of signee: [Click or tap here to enter text.](#) David Winfrey

Position and agency/organization: [Click or tap here to enter text.](#) Shellfish Biologist

Date submitted: [Click or tap to enter a date.](#) 11/30/2023

D. Supplemental sheet for nonproject actions [Find help for the nonproject actions worksheet](#)

IT IS NOT REQUIRED to use this section 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.