

MASON COUNTY

Planning Division of Community
Development
615 W. Alder St. Bldg. 8, Shelton, WA 98584
360-427-9670 ext 352

SEPA DETERMINATION OF NON-SIGNIFANCE (DNS)

Permit #: SEP2023-00007

<u>Project Name:</u> Oakland Bay Floating Culture

<u>Project Description</u> Grow Pacific oysters and install a floating oyster bag system in Oakland Bay

Location: Subtidal area of Oakland Bay, between E Bell Rd and Chapman Cove, 47.227071 / -123.054634

<u>Parcel Number:</u> 32015-22-22222, 32016-22-22222

TAYLOR SHELLFISH

FARMS

<u>Lead Agency:</u> Mason County

Proponent:

<u>Lead Agency</u> <u>Contact:</u> Luke Viscusi 360-427-9670 ext. 282

Comment Deadline 05/04/2023

The Lead Agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed Environmental Checklist and other information on file with the Lead Agency. This information is available to the public upon request.

This DNS is issued under WAC 197-11-340(2). The Lead Agency will not act on this proposal for 14 days from the date shown below, when the determination is final. Comments must be submitted to the Dept of Community Development, 615 W Alder St, Shelton, WA 98584 by the comment deadline. Appeal of this determination must be filed with a 14-day period following this final determination date, per Mason County Code Chapter 15.11 Appeals

	04/19/2023	
Authorized Local Government Official	Date	

SEPA Environmental Checklist

\$730

Single Family DNS: \$600.00

☐ Other DNS: 0 to 9.99

acres:

10 to 20 acres: \$880

区DS / EIS:

Over 20 acres: \$110

\$5000

+ \$90 per

hour

Mason County Permit Center Use:

SEP <u>2023</u> - 00007

32015-22-22222 &

Parcel #: 32016-22-2222

Date Rcvd: 04/03/2023

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: [help]

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 <u>all parts of your proposal</u>, 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.

A. BACKGROUND [help]

1. Name of proposed project, if applicable: [help]

Oakland Bay Floating Culture

2. Name of applicant: [help]

Taylor Shellfish Farms

3. Address and phone number of applicant and contact person: [help]

Erin Ewald - Taylor Shellfish Farms – 360-432-3348 130 SE Lynch Rd., Shelton, WA 98584

4. Date checklist prepared: [help]

September 9, 2022 (Edited 4/3/2023)

5. Agency requesting checklist: [help]

Mason County Community Services

615 W. Alder St. - Bldg. 8, Shelton, WA 98584

Phone: (360) 427-9670 ext. 352

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

Proposed installation of anchors and main float lines is anticipated within a 6-month period. Floats and bags will be deployed and installed by boat. The gear is anticipated to remain continuously but can be removed for a few weeks for fishing access when coordinated with the Squaxin Island Tribe. Following installation of culture gear, ongoing operations will include maintenance of equipment, harvest and transfer of oysters, and addition of new oyster seed to floating baskets. All work will be done from boats.

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

No plans for future additions, expansion, or further activities other than ongoing culture activities.

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

- Macroalgae and Eelgrass Study for Proposed Subtidal Lease (November 2019).
- Habitat Management Plan (August 2022).

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. [help]

None identified.

- 10. List any government approvals or permits that will be needed for your proposal, if known. [help]
 - Mason County Shoreline Substantial Development Permit
 - Mason County Shoreline Conditional Use Permit
 - WA DNR Aquatic Use Authorization
 - SEPA approval
 - US Army Corps of Engineers Rivers and Harbors Act Section 10 Permit
 - Endangered Species Act and Essential Fish Habitat consultation
- 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.) [help]

The purpose of the Project is to grow Pacific oysters in subtidal waters. The proposal involves installation, maintenance, and operation of a floating oyster bag system in Oakland Bay (refer to JARPA Sheet 1). The Project site is within Washington State Department of Natural Resources (DNR) state-owned aquatic land and is approximately 50 acres (refer to JARPA Sheet 2). Oyster bags will be stocked with seed oysters to increase capacity and relieve pressure on the nearby Oakland Bay Floating Upweller System (FLUPSY) installation and will also be used for full growout of oysters.

The floating culture system is supported by anchors. The anchors will be installed by cranes and hydraulic machinery from a vessel with minimum substrate disturbance. The floating gear will be installed with double lines and bags separated by 20 to 30 feet (refer to JARPA Sheet 3). Each double line will consist of 2,000 feet of synthetic line attached to anchors at each end. There is a 25-foot section of rope at each end to allow for flipper access, which is a device that tips the bags over. Each double line will have surface buoys at each end and 2 midline floats if there is a chance that the line will drag on the seabed. Each end of the double line will be attached to one 2,000-pound wedge anchor. A total of 30 double lines and 60 anchors will be installed. There could also be a screw anchor in the center of each line, depending on need. Therefore, a conservative estimate of 30 screw anchors was also calculated for potential impact purposes.

The double lines are in 3 stacked systems, rafted side by side. Bags are made from ultraviolet (UV)-resistant, high-density polyethylene (HDPE) mesh and measure a maximum of 37 inches by 43 inches, including the buoys on each end of the bag. There are 2 styles of bags and buoys proposed to be used, and the second style is smaller (36 inches by 18 inches). Each bag will be stocked with 200 to 5,000 oysters depending on oyster size (i.e., seed vs. adult). At full installation, an estimated 9.1 acres of water surface will be used for floating culture gear or 18.3% of the 50-acre Project site.

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. [help]

Mason County Parcel #(s): Portions of 32015-22-22222, 32016-22-22222, boundary contained within WA DNR lease 20-104436.

Address: Subtidal marine in Oakland Bay, Mason County, WA

GPS location: 47.227071 N / -123.054634 W

Vicinity Map: Refer to the attached JARPA maps. The Project site corners are presented in Table 1.

Table 1. Latitude and Longitude of Project Site Corners

Location	Latitude	Longitude
NW Corner (A)	47.226000 N	-123.059108 W
NE Corner (B)	47.230349 N	-123.052932 W
SW Corner (C)	47.224121 N	-123.056164 W
SE Corner (D)	47.228415 N	-123.050025 W

B. ENVIRONMENTAL ELEMENTS [help]

1. Earth

a. General description of the site [help]

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other: aquatic/marine

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

Does not apply. Marine subtidal area.

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. [help]

Marine sediment (fine sand and silt).

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

Does not apply. Marine subtidal area.

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. [help]

Does not apply. Marine subtidal area. No fill, excavation, or grading is proposed.

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

Does not apply. Marine subtidal area.

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

0%

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

Does not apply. Marine subtidal area.

2. Air

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. [help]

Diesel or gasoline exhaust from vessels during shellfish aquaculture operations.

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

None identified.

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

Use of 4-stroke engines. Regular maintenance of vessel engines to ensure proper and efficient functioning.

3. Water

- a. Surface Water: [help]
 - 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. [help]

Yes. The entire Project parcel is a Washington State Department of Natural Resources (DNR) aquatic lease 20-104436 located in Oakland Bay; an inlet of south Puget Sound.

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. [help]

Yes. The floating oyster culture system will include the installation of anchors, lines, floats, and culture bags into subtidal areas of Oakland Bay.

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. [help]

None.

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

 No.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [help]

Project site is marine subtidal.

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. [help]

No.

b. Ground Water:

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 general description, purpose, and approximate quantities if known. [help]

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. [help]

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. [help]

Does not apply. Marine subtidal area.

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

 No waste material will be present or produced on-site.
- 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:

None required.

4. Plants [help] a. Check the types of vegetation found on the site: [help] 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 X other types of vegetation: marine algae (*Ulva* and other non-kelp species) b. What kind and amount of vegetation will be removed or altered? [help] None. c. List threatened and endangered species known to be on or near the site. [help] None. d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [help] None. e. List all noxious weeds and invasive species known to be on or near the site. None known. 5. Animals a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include: [help] birds: Great blue heron, bald eagle, migratory waterfowl, seabirds including gulls, cormorants, and alcids mammals: Harbor seal, Southern resident killer whale fish: Surf smelt, Pacific sand lance, salmon, Pacific herring, bocaccio rockfish

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

Bull trout, Chinook salmon, steelhead, bocaccio rockfish, yelloweye rockfish, marbled murrelet, and southern resident killer whale (SRKW).

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

Waters of Oakland Bay are likely to be used by migratory ducks and other waterfowl.

Salmonids will use the area as a migratory corridor. Floating gear is highly unlikely to interact with fish passage. The location is too shallow and isolated for SRKW.

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

The project will follow conservation measures described in the Programmatic Consultation for Shellfish Activities in Washington State Inland Marine Waters (Corps 2015; NMFS 2016; USFWS 2016).

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

None known.

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. [help]

Diesel or gasoline for vessel and vehicle engines. Used for marine vessels in deployment and maintenance of equipment and in harvest of oysters. Also used for vehicles to transport gear and product to and from upland processing or other local facilities.

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

No, the equipment floats at the water's surface.

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: [help]

No energy is actively used by the shellfish culture equipment. Shellfish culture will require only a small input of fuel for vessel operations as needed.

7. Environmental health

1) 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. [help]

No.

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

None known.

- 3) 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.
 None.
- 4) 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.

Gasoline or diesel fuel and lubricants for work vessels. Vessels will be inspected daily for leaks and not utilized if leaks are detected. No refueling, lubrication, or storage of chemicals will occur at the project site.

5) Describe special emergency services that might be required.

None. Staff will be trained to prevent and to respond to foreseeable small spills. Taylor shellfish has a safety manager on staff to oversee and coordinate emergency operations with other crew and to notify and partner with any local jurisdictions.

6) Proposed measures to reduce or control environmental health hazards, if any:
No environmental health hazards present.

b. Noise

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

None. Noise levels are typical for the rural location.

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)? Indi- cate what hours noise would come from the site. [help]

Short-term: Engine noise from slow-moving work boats during construction and operations. Vessel noise will be similar to recreational boating activities. All vessel activity will be restricted to daylight hours.

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

Vessel activity restricted to daylight hours.

8. Land and shoreline use

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. [help]

The site is currently used for navigation. Adjacent tidelands are used for log storage, a wastewater outfall, a marina, floating mussel culture, gravel barge loading, and shellfish FLUPSY. There are no land use impacts associated with the continued use for these activities.

converted to other uses as a result of the proposal, if any? None. d. 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? [help] None. e. 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. f. Describe any structures on the site. [help] None present. g. Will any structures be demolished? If so, what? [help] No. h. What is the current zoning classification of the site? [help] Water; the site is entirely located in the subtidal portion of Oakland Bay. i. What is the current comprehensive plan designation of the site? [help] Rural Residential 5 acres (RR5) If applicable, what is the current shoreline master program designation of the site? [help] Mason County Shorelines of the State – Marine Waters. k. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Aquatic locations can be classified as Fish and Wildlife Habitat Conservation Areas (MCC 8.52.170) based on the species or habitat in area per the Washington Department of Fish and

Wildlife (WDFW) Priority Habitat and Species (PHS) Program database (WDFW 2022).

b. Has the project site been used as working farmlands or working forest lands? If so,

c. How much agricultural or forest land of long-term commercial significance will be

describe.

No.

- I. Approximately how many people would reside or work in the completed project? [help]

 Approximately 10 employees would operate at the site.
- m. Approximately how many people would the completed project displace? [help]
 None.
- n. Proposed measures to avoid or reduce displacement impacts, if any: [help]
 None.
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [help]

Aquaculture is a preferred, water-dependent use under the County's Shoreline Master Program and the Shoreline Management act. This project will comply with all relevant permits, codes, and BMPs.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

9. Housing

None.

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

No new housing will be constructed.

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

No housing exists on the site.

c. Proposed measures to reduce or control housing impacts, if any: [help]
Not applicable.

10. Aesthetics

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

No structures to be built. Installation includes floating lines and bags on the water's surface and buoys at line ends.

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

Low-profile equipment would be visible on the surface of the water. No lines of sight would be obstructed.

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

The project would utilize gear with neutral colors to help reduce the aesthetic footprint, and it will comply with established conditions and best management practices to ensure gear is properly secured and maintained. Regular maintenance will be done to remove fouling organisms from bags and lines. Floats and bags will be periodically flipped to expose bags and oysters to air for drying and to control fouling organisms.

11. Light and glare

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

Lights for navigation will be installed per U.S. Coast Guard requirements.

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

No.

- c. What existing off-site sources of light or glare may affect your proposal? [help] None.
- d. Proposed measures to reduce or control light and glare impacts, if any: [help] None.

12. Recreation

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

 Typical use of south Puget Sound, including motorized and non-motorized boating and fishing.
- b. Would the proposed project displace any existing recreational uses? If so, describe. [help]
 Approximately 50 acres would become inaccessible to boaters due to presence of floating culture gear. The gear is anticipated to remain continuously but can be removed for a few weeks for fishing access when coordinated with the Squaxin Island Tribe. Given the location in Oakland Bay, the project will not pose an impediment to marine navigation.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [help]

Floating lines will be held fast by anchors to prevent them drifting outside of the designated Project site. Marker buoys will be installed to identify the project location and reduce potential recreational impacts.

13. Historic and cultural preservation

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 located on or near the site? If so, specifically describe. [help]

- b. The Oakland Site, which is the location of the historic Oakland townsite from the 1800's, is on the north shore of Oakland Bay, about 2-3 miles north of Shelton along WA-3. The site is registered as a historic site on the local (Mason County) and state registers. The Oakland Site is approximately 1,600 feet to the northwest of the proposed 50-acre site. Approximately 1.20 acres of the southeast corner of the proposed 50-acre site is also in the Maritime Washington National Heritage Area. However, National Heritage Areas are non-regulatory, and thus, there are no additional regulations for being partially located within the Maritime Washington National Heritage Area
- c. 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. [help]

Mason County staff reviewed the Washington Department of Archaeology and Historic Preservation's WISAARD mapping tool to determine the location of nearby cultural and historic resources. This project site is entirely located in subtidal marine habitat and therefore will not impact nearby cultural and historic resources. Taylor staff completed and reviewed underwater video survey of the subtidal floor, which revealed no structures or artifacts of any kind.

d. 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. [help]

Project site is entirely located in subtidal marine habitat.

e. 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.

No historic or cultural resources will be impacted by this project.

14. Transportation

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. [help]

None.

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 accessible only by boat.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [help]

 None.
- d. 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). [help]

No.

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

Siting in Oakland Bay requires the use of marine vessels to access the Project. The Project parcel is not located on any major marine transportation route.

f. 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? [help]

The site will be accessed at least once per week. Overall vessel traffic will be negligible compared to recreational boating in the area.

g. 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, there will be no interaction with road traffic.

h. Proposed measures to reduce or control transportation impacts, if any: [help]

Marker buoys will indicate the ends of floating lines to improve visibility to boaters.

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. [help]

None. Operations vessels for Taylor Shellfish Farms are self-supported.

b. Proposed measures to reduce or control direct impacts on public services, if any. [help]
None required.

16. Utilities

a. Circle utilities currently available at the site: [help]

electricity,	natural gas,	water,	refuse service,	telephone,
sanitary sev	wer, septic s	ystem,	other	

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

No utilities needed.

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:

Date Signed: 4/3/2023

Print Name of Signee: ______ Fund

If applicable, Position and Agency/Organization: Dr. Regulatory Affairs Taylor Shell fish

Date Submitted: 4/3/2023

D. REFERENCES

Corps (U.S. Army Corps of Engineers). 2015. Programmatic Biological Assessment: Shellfish Activities in Washington State Inland Marine Waters. U.S. Army Corps of Engineers Regulatory Program, Seattle, Washington.

Mason County. 2022. Mason County WA GIS [online mapping]. Mason County, Shelton, Washington. Available at: https://tinyurl.com/58b2dtwe (Assessed on June 6, 2022).

NMFS 2016. Programmatic Biological Opinion, National Marine Fisheries Service, September 2016.

USFWS 2016. Programmatic Biological Opinion for Shellfish Activities in Washington State Marine Waters, U.S. Fish and Wildlife Service, August 2016

WDFW (Washington Department of Fish and Wildlife). 2022. PHS on the Web. WDFW, Olympia, Washington. https://geodataservices.wdfw.wa.gov/hp/phs/ (Accessed on June 6, 2022).