



King County
Department of Development
and Environmental Services
 900 Oakesdale Avenue Southwest
 Renton, WA 98057-5212
206-296-6600 TTY Relay: 711

SEPA CHECKLIST

For alternate formats, call 206-296-6600.

Purpose of the checklist

The State Environmental Policy Act (SEPA), RCW Chapter 43.21 C, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An Environmental Impact Statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for the applicants

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations such as zoning, shoreline and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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

A. Background

1. Name of the proposed project, if applicable:

Roecks Bulkhead Reconstruction

2. Name of applicant:

Eric Roecks

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

Eric Roecks
22514 99th LN SW
Vashon Island, WA 98070
206-972-4507
eroecks@gmail.com
Contact: Jennifer Rotsten, Sealevel Bulkhead Builders, Inc. 360-297-2401 Jenny@sealevelbb.com

4. Date checklist prepared: July 11, 2023

5. Agency requesting checklist: King County

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

Fall/Winter 2023

7. Do you have any plans for future additions, expansion or further activity related to or connected with this proposal? Yes No If yes, explain.

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

Critical Area Report, Geotechnical Report

9. Do you know whether applications are pending for government approvals of other proposals directly affecting the property covered by your proposal? Yes No If yes, explain.

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

King County Shoreline Exemption, Building Permit
WDFW, HPA

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.)

Replace concrete bulkhead with rock, +/-55'. Base rocks placed +/-3' or to refusal, whichever is reached first, with the remaining rocks stacked on top to total +/-6-7' above beach grade. The existing bulkhead comes to a sharp point approximately half way along the shoreline distance. This will be removed to straighten out the bulkhead alignment to connect to the neighboring bulkheads. At the center point, the bulkhead will be moved landward +/-18'. Total restoration +/-495sf. The quarry spalls will be placed behind the armor rock and filter fabric placed between the spalls and the bank. Once the bulkhead is installed, the old bulkhead will be removed along with the material between the two structures. This will prevent erosion and discharge onto the beach. Precast concrete steps installed. Access by barge.

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 or sites. 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 to this checklist.

Parcel 172203-9043
Address 22514 99th LN SW Vashon Island, WA
Township: 22N Section: 17 Range: 03E 1/4 Section: NW
POR OF GL 2 SEC 17 & OF LOT 1 BLK 3 & VAC WINONA & DELAWARE AVES IN ORCHARD BEACH ADD & OF LOT 1 BLK 5 ORCHARD BEACH REPLAT OF BLK 5 WITHIN FOLG BEG 326.02 FT S OF NW COR OF SEC 17 TH S 70-33-26 W 20.39 FT TO TPOB; TH S 70-33-26 W 63.73 FT; TH S11-00-00 E 301.57 FT TO NDR LN; TH N 47-05-06 E 24.91 FT; TH N 73-32-50 E 28.69 FT; TH N 08-25-00 W 295.33 FT TO TPOB (PER KC LEGAL LOT DETERMINATION #EMSC21-0027 DATED 09-30-2021)

To be completed by applicant	Evaluation for Agency Use Only
<p>B. Environmental elements</p> <p>1. Earth</p> <p>a. General description of the site (check one)</p> <p><input checked="" type="checkbox"/> Flat <input type="checkbox"/> Rolling <input type="checkbox"/> Hilly <input type="checkbox"/> Steep slopes <input type="checkbox"/> Mountainous <input type="checkbox"/> Other: _____</p> <p>b. What is the steepest slope on the site (approximate percent of slope)? See page 2 of attached geotech report for site slopes</p> <p>c. What general types of soil are found on the site (i.e., clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. See page 4 of attached geotech report for subsurface conditions</p> <p>d. Are there surface indications or history of unstable soils in the immediate vicinity? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, describe.</p> <p>e. Describe the purpose, type and approximate quantities of any filling or grading proposed. Indicate source of fill. No fill proposed. Grading will only include material removed for rock bulkhead footing (+/-100 cy) and removal of material between the old bulkhead and the rock bulkhead (+/-80 cy)</p>	

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<p>f. Could erosion occur as a result of clearing, construction or use? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, generally describe.</p> <p>g. About what percent of the site will be covered with impervious surfaces after project construction (i.e., asphalt or buildings)? N/A</p> <p>h. Proposed measures to reduce or control erosion or other impacts to the earth, if any: Removal of the concrete bulkhead after construction of the rock bulkhead will reduce erosion and discharge of material.</p>	
<p>2. Air</p> <p>a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke, greenhouse gases) during construction and when the project is completed? If any, generally describe and give approximate quantities if known? Exhaust during construction from machines.</p> <p>b. Are there any off-site sources of emissions or odor that may affect your proposal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, generally describe.</p>	

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<p>c. Proposed measures to reduce or control emissions or other impacts to air, if any: N/A</p> <p>3. Water</p> <p>a. Surface:</p> <p>1. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, salt water, lakes, ponds, wetlands)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe type and provide names. If appropriate, state what stream or river it flows into.</p> <p>2. Will the project require any work over, in or adjacent to (within 200 feet) the described waters? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please describe and attach available plans.</p> <p>3. Estimate the amount of fill and dredge material that would be placed or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.</p> <p>Removal of +/-100 cy for rock bulkhead footing and +/-80 cy of removal of material between the bulkheads.</p>	

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<p>4. Will the proposal require surface water withdrawals or diversions? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Give general description, purpose and approximate quantities if known.</p> <p>5. Does the proposal lie within a 100-year floodplain? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, note location on the site plan. Please see page 24 of Critical Area Report, site is a special flood hazard area.</p> <p>6. Does the proposal involve any discharges of waste materials to surface waters? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, describe the type of waste and anticipated volume of discharge.</p>	
<p>b. Ground</p> <p>1. Will groundwater be withdrawn or will water be discharged to groundwater? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Give general description, purpose and approximate quantities if known.</p> <p>2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (i.e., 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 expected to be served by the system or systems. N/A</p>	

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<p>c. Water runoff (including stormwater):</p> <p>1. Describe the source of runoff (including stormwater) 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.</p> <p style="padding-left: 40px;">N/A</p> <p>2. Could waste materials enter ground or surface waters? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, generally describe.</p> <p>d. Proposed measures to reduce or control surface, ground and runoff water impacts, if any:</p> <p style="padding-left: 40px;">N/A</p>	
<p>4. Plants</p> <p>a. Check or circle types of vegetation found on the site:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Deciduous tree: alder, maple, aspen, other <input checked="" type="checkbox"/> Evergreen tree: fir, cedar, pine, other <input checked="" type="checkbox"/> Shrubs <input checked="" type="checkbox"/> Grass <input type="checkbox"/> Pasture <input type="checkbox"/> Crop or grain <input type="checkbox"/> Wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other <input type="checkbox"/> Water plants: water lily, eelgrass, milfoil, other <input type="checkbox"/> Other _____ 	

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<p>b. What kind and amount of vegetation will be removed or altered? Grass</p> <p>c. List threatened or endangered species known to be on or near the site. None</p> <p>d. Proposed landscaping, use of native plants or other measures to preserve or enhance vegetation on the site, if any: None at this time</p>	
<p>5. Animals</p> <p>a. Check or circle any birds and animals which have been observed on or near the site:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Birds: hawk, heron, eagle, songbirds, other <input checked="" type="checkbox"/> Mammals: deer, bear, elk, beaver, other <input checked="" type="checkbox"/> Fish: bass, salmon, trout, herring, shellfish, other <p>b. List any threatened or endangered species known to be on or near the site. Marbled murrelet, spotted owl, chinook salmon, steelhead, killer whale, humpback whale, gray wolf</p> <p>c. Is the site part of a migration route? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, explain. See Critical Area Report</p>	

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<p>d. Proposed measures to preserve or enhance wildlife, if any: Restoring +/-495 sf of upper intertidal habitat</p> <p>6. Energy and natural resources</p> <p>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</p> <p>b. Would your project affect the potential use of solar energy by adjacent properties? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, generally describe. N/A</p> <p>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</p>	

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<p>7. Environmental health</p> <p>a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill or hazardous waste that could occur as a result of this proposal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, describe.</p> <p>1. Describe special emergency services that might be required. N/A</p> <p>2. Proposed measures to reduce or control environmental health hazards, if any: N/A</p> <p>b. Noise</p> <p>1. What types of noise exist in the area which may affect your project (i.e., traffic, equipment, operation, other)? N/A</p> <p>2. What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (i.e., traffic, construction, operation, other)? Indicate what hours noise would come from the site. N/A</p> <p>3. Proposed measures to reduce or control noise impacts, if any: N/A</p>	

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<p>8. Land and shoreline use</p> <p>a. What is the current use of the site and adjacent properties? SFR</p> <p>b. Has the site been used for agriculture? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, describe.</p> <p>c. Describe any structures on the site. Owner's home, garage and bulkhead</p> <p>d. Will any structures be demolished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If so, what? Concrete bulkhead</p> <p>e. What is the current zoning classification of the site? RA2.5P</p> <p>f. What is the current Comprehensive Plan designation of the site? Rural</p> <p>g. If applicable, what is the current shoreline master program designation of the site? Rural/Res Use</p>	

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- h. Has any part of the site been classified as an "environmentally sensitive" area? Yes No Is so, specify.
Shoreline
- i. Approximately how many people would reside or work in the completed project?
N/A
- j. Proposed measures to avoid or reduce displacement impacts, if any:
N/A
- k. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
N/A

9. Housing

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

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

10. Aesthetics

- a. What is the tallest height of any proposed structure or structures, not including antennas? What is the principal exterior building material or materials proposed?

+/-6-7' above beach grade

- b. What views in the immediate vicinity would be altered or obstructed?
None

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

11. Light and glare

- a. What type of light and 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? Yes No If yes, explain:

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

N/A

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

N/A

12. Recreation

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

N/A

- b. Would the proposed project displace any existing recreational uses?

Yes No If so, describe.

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

N/A

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Only****13. Historic and cultural preservation**

- a. Are there any places or objects listed on, or proposed for, the national state or local preservation registers known to be on or next to the site?
 Yes No If so, generally describe.

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

None

- c. Proposed measures to reduce or control impacts, if any:
 Coordination with County on any known areas of concern

14. Transportation

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

N/A

- b. Is the site currently served by public transit? Yes No
 If not, what is the approximate distance to the nearest transit stop?

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

N/A

- d. Will the proposal require any new roads or streets or improvements to existing roads or streets, not including driveways? Yes No
If so, generally describe (indicate whether public or private).

N/A

- e. Will the project use (or occur in the immediate vicinity of) water, rail or air transportation? Yes No If so, generally describe.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

N/A

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

N/A

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.

Jenny Rotsten

Signature

7/11/23

Date submitted

Check out the DDES Web site at www.kingcounty.gov/permits