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 [HELP]

1. Name of proposed project, if applicable:

Kirkland Dock replacement

2. Name of applicant:

Carey Kirkland

3. Address and phone number of applicant and contact person:
Applicant: Carey Kirkland
11411 Blue Heron Lane NE
Bainbridge Island, WA 98110
253-670-5451
careykirkland@gmail.com

4. Date checklist prepared:
July 21, 2021

5. Agency requesting checklist:
City of Bainbridge Island, Washington

6. Proposed timing or schedule (including phasing, if applicable):
January 2022

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

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Letter of permission submitted to the US Army Corps of Engineers The JARPA application will be forwarded to the WA St Dept Fish & Wildlife to review the impacts of the proposed project to any threatened or endangered species.

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 other applications are pending for governmental approvals.

10. List any government approvals or permits that will be needed for your proposal, if known.
- City of Bainbridge Island
  SEPA Determination, Bainbridge Island
  Shoreline Substantial Development Exemption Permit,
  Building Permit, Bainbridge Island
- WA ST Dept of Fish & Wildlife- Hydraulic Project Approval- approved
- U. S. Army Corps of Engineers Section 10 and Section 404 permits, Endangered Species Act, Section 7 consultation concurrence, NOAA Fisheries Service & U.S. Fish and Wildlife Service

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.)

Remove pier, ramp and float. Replace in the same footprint with new pier, ramp and float supported by twelve 8" to 10" galvanized steel piling.

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.

11411 Blue Heron Lane NE
Bainbridge Island, WA 98110
The legal description of the proposed project is:
SEC 8, TWP 25, RNG 2E

B. Environmental Elements [HELP]

1. *Earth* [help]

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other _____

Fairly steep slope from road to house and to bulkhead. Very steep from house to bulkhead. Bulkhead is approx. 5-66' drop to beach.

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

>40%. steep drop from house to bulkhead.

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.

Upland soils are glacial till, a sandy-loam with gravel inclusions. Tidelands and underwater substrate consists of medium rock, cobble, and sand.

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

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.

None

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

No

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

There will be no change in the overall size, but the new pier and ramp will be fully grated, and the float will be 50% functionally grated with 60% open area in the grating. No upland work is proposed.

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

It is not anticipated that construction will result in any erosion.

2. Air [help]

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.

During construction, the running of equipment will contribute some emissions in the area. Once construction is complete, the final project will not increase emissions above current use level.

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

There are no off-site sources of emissions or odor that may will affect this proposal.

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

The equipment used at the project site will pass all emission standards required by the state agencies.

3. Water [help]

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.

The project is located in Kitsap Co. in Manzanita 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, the proposed replacement of a pier/ramp/float is over the water abutting the subject property.

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.

There will be no dredge material placed in or removed from the surface waters. Fill consists of twelve galvanized steel piling.

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

No

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

No

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground Water: [help]

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.

No

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None

c. Water runoff (including stormwater):

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

Existing storm water surface run-off will continue to follow the slope to the beach. The proposed project will not increase 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:

None proposed

4. Plants [help]

a. Check the types of vegetation found on the site:

_X__deciduous tree: alder, maple, aspen, other
_X_ evergreen tree: fir, cedar, pine, other
_X_ shrubs
_X__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 will be no vegetation removed or altered as part of this project

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

No threatened or endangered plants are known to occur on the site.

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

No change to the existing bank is proposed.

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

None known

5. Animals [help]

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:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

Bald eagles have been observed in Manzanita Bay. A variety of waterfowl, including America coot, mallard and bufflehead have been observed in the project vicinity. Other birds that may occur and use the area include crows, kingfishers, gulls, great blue heron, and a variety of songbirds. A variety of resident and anadromous fish species may utilize the nearshore areas of the project, including chinook salmon, flounders, sculpins and gunnels.

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

Federally listed threatened or endangered species that may be near the site include chinook, bald eagles, and marbled murrelets. Several species of juvenile salmon may use the nearshore waters of the project area. There are no known

spawning streams for chinook in the vicinity of the project.

c. Is the site part of a migration route? If so, explain.
Juvenile salmonids migrate along the marine nearshore areas. Although the site could be used by migratory waterfowl, no particular habitat characteristics make the site any more attractive to waterfowl than other Puget Sound nearshore locations.

d. Proposed measures to preserve or enhance wildlife, if any:
The project will be required to comply with the work windows authorized as a part of the HPA and as required by the BIMC. The dock incorporates grating to allow light penetration, which benefits fish and vegetation below, as required by the City's SMP. Project timing and conservation measures will be used to mitigate and minimize impacts to the listed species and their habitat.

e. List any invasive animal species known to be on or near the site.
None known.

6. Energy and Natural Resources [help]

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.
None proposed.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
The project would not affect the potential use of solar energy by adjacent properties.

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:
No measures to conserve energy are included in this proposal.

7. Environmental Health [help]

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

1) Describe any known or possible contamination at the site from present or past uses.
None known

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.

None known

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.

None known

4) Describe special emergency services that might be required.

If a spill occurs the US Coast Guard, Washington Department of Ecology, WA Dept of Fish & Wildlife, and Foss Environmental Emergency Response Cleanup Team will be contacted.

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

A hazardous spill management plan will be present on the site. Spill cleanup and containment materials will also be on site. Included in the cleanup packets will be containment booms, materials designed to absorb petroleum produces, and plastic bags to be used for material transport. No measures to reduce or control hazards are assumed needed or proposed.

b. Noise

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

There are no noise sources in the area that would affect the 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.

Noise impacts from operation of the construction equipment would be limited to weekday hours. This equipment will include a tugboat; barge mounted crane; and hand held power tools. All equipment will operate from float with the exception of hand held power tools to assemble the parts.

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

Reqired to comply with BIMC 16.16, Noise regulations. To minimize impacts to local residents, most construction will be limited to between 7am and 6pm during the work week. Construction would occur at a time when salmonids are least likely to be present.

8. Land and Shoreline Use [help]

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.

Residential. The site includes a single-family residence. The proposal will not affect current land 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 as a result 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?

The site has not been used for agriculture.

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.

Single family residence, detached garage, bulkhead, pier, ramp, floats.

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

Yes, the existing dock will be demolished, and replaced.

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

R-2.

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

Residential - 2

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

Shoreline Residential

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?

No persons would reside or work in the completed project.

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

The completed project would not displace any people.

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

No measures to avoid or reduce displacement impacts are necessary or proposed.

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

The proposal 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 [help]

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

Does not apply.

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

Does not apply.

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

Does not apply.

10. Aesthetics [help]

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

The tallest proposed structure is the float mooring piles with a height that varies from approximately 10-15' above the tidelands.

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

The views from adjacent properties will not be altered or obstructed. The end of the structure may be visible from the residential dwellings but will not impact the water views.

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

None proposed.

11. Light and Glare [help]

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

The float will have reflectors for safety.

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

No light or glare from the finished project would be a safety hazard or interfere with views.

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

No offsite sources of light or glare affect this proposal.

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

Impacts from light and glare are addressed in SMP Section 6.3.5(7). Lighting shall: a. Satisfy the provisions of BIMC 18.15.040; b. Be the minimum necessary, or as required by the Coast Guard, to locate the dock at night; and c. Should minimize glare.

12. Recreation [help]

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

Waterfront recreation opportunities at the site include boating, swimming, fishing and beach combing.

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

No existing recreational uses would be displaced. The proposed project would enhance the opportunities for both residents to access recreational boating and other water related activities.

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

No measures to reduce or control impacts on recreation are needed.

13. Historic and cultural preservation [help]

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 such places or objects are on or next to the site.

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.

No

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.

No methods to assess the potential impacts are assumed necessary or proposed.

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.

The BIMC contains provisions for protecting cultural and historic resources. The project is required to meet BIMC 16.12.030.C.2©(iii)(G). It is not anticipated that any cultural or historic resources will be affected or impacted.

14. Transportation [help]

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 site is currently accessed from Blue Heron Lane. This will remain.

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?
Kitsap Transit transportation serves the vicinity. The nearest transit stop is approx. 1 mile away.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
Does not apply.

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).
No new roads or streets, or improvements to existing roads or streets, would be needed or required.

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
The project would occur on the shores of Puget Sound where water transportation is frequent, and could still pass by. The proposed project will not use rail or air transportation.

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?
No vehicular trips per day would be generated by the completed project.

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.

h. Proposed measures to reduce or control transportation impacts, if any:
No measures to reduce or control transportation impacts are necessary or proposed.

15. Public Services [help]

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.
The project would not result in an increased need for public services.

b. Proposed measures to reduce or control direct impacts on public services, if any.
No measures to reduce or control direct impacts on public services are necessary or proposed.

16. Utilities [help]

a. Circle utilities currently available at the site:

electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other **propane**

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 new utilities will be required for the completed project. Existing utility providers will supply pier with electricity and water if necessary.

C. Signature [HELP]

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: Leann Ebe McDonald

Name of signee Leann Ebe McDonald

Position and Agency/Organization Shoreline Solutions LLC

Date Submitted: July 21, 2021

D. Supplemental sheet for nonproject actions [HELP]

(**IT IS NOT NECESSARY** to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.