CITY OF KIRKLAND
Planning and Community Development Department
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SEPA ENVIRONMENTAL CHECKLIST

UPDATED MAY 2015

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

1. Name of proposed project, if applicable: *Evans Dock*

2. Name of applicant: *Dallas Evans*

3. Address and phone number of applicant and contact person:
Dallas Evans, 8331 Juanita Drive Northeast, Kirkland, WA 98034
Contact; Marine Restoration & Construction LLC / Contact: Rebecca Henderson, P.O. Box 884, Kirkland, WA 98083
Phone: (425)576-8661

4. Date checklist prepared:
5/19/15

5. Agency requesting checklist:
The City of Kirkland

6. Proposed timing or schedule (including phasing, if applicable):
Project will take 3-4 weeks (+/-). No phasing is proposed for this project.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
The homowner plans to construct a new house on the site in the near future. There are no further plans on the shoreline that we are ware of.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
We are not aware of any environmental information being prepared for the site.

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.
None that we are aware of.

10. List any government approvals or permits that will be needed for your proposal, if known.
This project will require authorization from The City of Kirkland Land Use and Building departments, It will require authorization from the Army Corps of Engineers, the Washington Department of Fish and Wildlife, the Department of Ecology, and the Department of Natural Resources.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) *The proposed project entails the construction of 711 square foot dock with 2 mooring piles, and a freestanding boatlift. as mitigation the applicant proposes to remove a portion of his bulkhead to create a more natural beach and proposes a planting plan.*

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.
Site Address: 8331 Juanita Drive Northeast,, Kirkland, WA 98034. King County, Parcel Number: 3760500242, Quarter Section: NW-31-26-5
Please see plan set for legal description, site plan. cvicinity map and topographical map.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site:

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

b. What is the steepest slope on the site (approximate percent slope)? *2% (+/-)*

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.

No formal soil assessment performed.

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

King County Parcel Viewer shows the note having erosion and landslide hazards. The project will take place on the shoreline.

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.

The homeowner proposes to remove a portion of the exsiting rock bulkhead (54 linear feet (+/-) to create a more natural beach as mitigation. We propose to place 25 cubic yards of 1" minus spawning gravel above OHWL and below the OHWL.

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

We do not foresee erosion occuring as a result of this project.

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

None.

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

A silt curtain will be available to deplow whenever the potential of siltation could occur.

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.

Normal vehical emissions will occur during construction. The completed project will not cause any new emissions.

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

None that we are aware of.

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

Vehicles will only be operated when in use .

3. **Water**

a. Surface Water:

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

The project is on Lake Washington.

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 project will occur in and over Lake Washington.

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.

No dredging is proposed as part of this project.

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.

"None mapped" as per King County Parcel Vuewer.

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:

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 proposed.

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.

Rain water will flow off of completed project naturally into the Lake.

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

We do not foresee the possibility of waste materials entering ground waters.

A silt curtain and containment boom will be available to deploy if there is a chance for waste materials to enter the Lake.

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

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?
Please see planting plan page of plans to see planting details. The removal of invasive ivy is proposed.

c. List threatened and endangered species known to be on or near the site.
According to the U.S. Fish and Wildlife list for Washington State's Federal register of endangered and threatened species, Chinook Salmon, Steelhead, and Bull Trout are listed as threatened. These creatures live in Lake Washington but It is unclear whether they actually live in the vicinity

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
As mitigation for the project, the applicant proposed to remove a portion of the existing bulkhead to created a more natural beach. Additionally, the applicant is proposing a planting plan which includes emergent plants, native trees, shrubs, and ground cover. Please see the proposed mitigation plan for more details.

e. List all noxious weeds and invasive species known to be on or near the site.
The site contains invasive ivy. Approximatally 120 square feet of the ivy is to be removed along the shoreline for this project.

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:

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

b. List any threatened and endangered species known to be on or near the site.
According to the U.S. Fish and Wildlife list for Washington State's Federal register of endangered and threatened species, Chinook Salmon, Steelhead, and Bull Trout are listed as threatened. These creatures live in Lake Washington but It is unclear whether they actually live in the vicinity.

c. Is the site part of a migration route? If so, explain.
Lake Washington is a salmon migration route. It is unclear if this particular site is actually part of the route.

d. Proposed measures to preserve or enhance wildlife, if any:
The proposed beach, plantings, and invasive plant removal are inteded to be a positive impact on wildlife..

e. List any invasive animal species known to be on or near the site.
None that we are aware of.

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.
The proposed project will not require new utilities or services. The boatlift will be powered by solar energy and will not require an outside source for energy.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
No.

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:
The boatlift being solar powered is a conservation measure.

7. Environmental Health

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.
None that we are aware of.

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

None that we are aware of.

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 that we are aware of.

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 that we are aware of.

4) Describe special emergency services that might be required.
None that we are aware of.

5) Proposed measures to reduce or control environmental health hazards, if any:
None proposed.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
None that we are aware of.

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.
Pile driving and normal construction noise will be generated during the construction of this project. The finished project will not generate new sources of noise.

3) Proposed measures to reduce or control noise impacts, if any:
The pile driver will utilize up to two sound attenuation devises, a wood block and rubber pad. Equipment will be used only when necessary.

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.
The site and adjacent properties are used as single family residential.

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?
Not that we are aware of.

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.
The site contains a house and a bulhead.

d. Will any structures be demolished? If so, what?
A portion of the existing bulkhead will be removed to create a more natural beach.

e. What is the current zoning classification of the site?
RSA 6

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

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

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

King County Parcel Viewer that the site has erosion hazards and landslide hazards.

i. Approximately how many people would reside or work in the completed project?
None.

j. Approximately how many people would the completed project displace?
None.

k. Proposed measures to avoid or reduce displacement impacts, if any:
None proposed.

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:
Land use permits from the City of Kirkland, permits from the Army Corps of Engineers, the Washington Department of Fish and Wildlife, and approval from the Department of Natural Resources will be obtained.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:
None proposed.

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
None.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
None.

c. Proposed measures to reduce or control housing impacts, if any:
None proposed.

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?
The mooring piles will be a maximum of 7' above OHW.

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

b. Proposed measures to reduce or control aesthetic impacts, if any:
None proposed.

11. **Light and Glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
None.

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

c. What existing off-site sources of light or glare may affect your proposal?
Not that we are aware of.

d. Proposed measures to reduce or control light and glare impacts, if any:
None proposed.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?
Juanita Beach Park is about a mile away.

b. Would the proposed project displace any existing recreational uses? If so, describe.
No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
None proposed

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.
None that we are aware of.

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.
None that we are aware of.

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.

The Army Corps of Engineers as the lead agency will consult with interested tribes.

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.
None proposed.

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.
The site is served by a private driveway which connects to NE Juanita Drive.

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?
The site is no served by public transit. The nearest transit line is about a mile and a half a way.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?
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).
None proposed.

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

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?
None.

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:
None proposed.

15. Public Services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.
No.

b. Proposed measures to reduce or control direct impacts on public services, if any.
None proposed

16. Utilities

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

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: _____

Name of signee Tyler Somers

Position and Agency/Organization Marine Restoration & Construction LLC

Date Submitted: _____

D. supplemental sheet for nonproject actions

(**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.