## **CITY OF MERCER ISLAND**

### **COMMUNITY PLANNING & DEVELOPMENT**

9611 SE 36TH STREET | MERCER ISLAND, WA 98040 PHONE: 206.275.7605 | www.mercergov.org



|  | CITY USE ONLY |  |  |  |
|--|---------------|--|--|--|
|  | Date Received |  |  |  |
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# **ENVIRONMENTAL CHECKLIST**

#### **PURPOSE OF CHECKLIST**

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, 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.

#### **PRE-APPLICATON MEETING**

A pre-application meeting is used to determine whether a land use project is ready for review, to review the land use application process, and to provide an opportunity for initial feedback on a proposed application. Some land use applications require a pre-application – in particular: short and long subdivisions, lot line revisions, shoreline permits, variances, and critical area determinations. The City strongly recommends that all land use applications use the pre-application process to allow for feedback by City staff.

**Please note:** pre-application meetings are held on Tuesdays, by appointment. To schedule a meeting, submit the meeting request form and the pre-application meeting fee (see fee schedule). Meetings must be scheduled at least one week in advance. Applicants are required to upload a project narrative, a list of questions/discussion points, and preliminary plans to the Mercer Island File Transfer Site one week ahead of the scheduled meeting date.

#### **SUBMITTAL REQUREMENTS**

In addition to the items listed below, the code official may require the submission of any documentation reasonably necessary for review and approval of the land use application. An applicant for a land use approval and/or development proposal shall demonstrate that the proposed development complies with the applicable regulations and decision criteria.

- A. Completed pre-application.
- B. **Development Application Sheet.** Application form must be fully filled out and signed.
- C. **Development Plan Set.** Please refer to the Land Use Application- Plan Set Guide in preparing plans.
- D. **Title Report.** Less than 30 days old.
- E. SEPA checklist.

#### **INSTRUCTIONS FOR 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 impact.

#### **USE OF CHECKLIST FOR NONPROJECT PROPOSALS**

For nonproject proposals complete this checklist and the supplemental sheet for nonproject actions (Part D). The lead agency may exclude any question for the environmental elements (Part B) which they determine do not contribute meaningfully to the analysis of the proposal. For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

### A. BACKGROUND

1. Name of proposed project, if applicable:

**Ogden Point Short Plat** 

2. Name of applicant:

Ladybug Trust c/e Michael E. Morgan

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

Michael Morgan 1420 Fifth Avenue Suite 4200

Seattle, Washington 98101-2375

Contact: Teresa Gash (425) 415-2020

20300 Woodinville Snohomish Road NE Suite A, Woodinville WA 98072

4. Date checklist prepared:

April 8, 2019

5. Agency requesting checklist:

City of Mercer Island

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

Short Plat subdivision recording is anticipated as soon as all necessary approvals have been obtained. The short plat does not require and construction improvements or phasing. After short plat approval and recording any utilities or construction permits would be applied for under future new single family residence plans on the new platted lot.

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

Future plans could include single family remodel permit, swimming pool installation, and new single family residence permit for newly created lot as well as associated utility permits as necessary.

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

Attached are the Ogden Point Short Plat site plan, critical areas exhibit, tree plan as well as an Arborist Report prepared by American Forest Management 8/18/2016, revised 1/12/2018 and updated 2/6/2019, Geotechnical Engineering Study prepared by Geotech Consultants, Inc. January 31, 2019.

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:

There is currently an issued partial demo permit for the existing residence and dock repair permit.

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

10. Preliminary Short Plat approval, SEPA determination, Critical Areas Determination, Traffic Concurrency, Final Short Plat approval.

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.)

11. The proposal is for a Preliminary Short Plat of one existing single family lot (three contiguous parcels) of approximately 1.1 acres to subdivide into two single family residential lots. The existing lot is currently occupied by one single family residence which has been issued a permit to partially demolish part of the residence in order to not present any non-conforming structures with the newly proposed short plat configuration.

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.

12. The location of the project is along the west side of W. Mercer Way at 3675 W. Mercer Way on Mercer Island, WA located in King County, Washington. The site is bordered to the west by Lake Washington. The project site includes 3 tax parcels 3623500275, 3623500274, 3623500273 (which

per MICC19.01.050.G.5 the three parcels are deemed to be consolidated as one lot) and are located in a portion of Gov. Lot 2, SW ¼ SEC. 12, TWP. 24N., RGE 4E., W.M.

| _ |   |  |  |   |   |   |   |  |  |   |  |   |                               |
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|   | a.  |  | Genera   | •   | 1011 0  |   | te (Ci                                      |  |  |   |  |   |                               |
|   | Flat                                      |  |  | Rolling                                     |   | Hilly   |   | Steep<br>⊠   | slopes   | Mountainou  | s 🗆  | Other   |                               |
|   | b.  |  | What is  | the stee                                    | pest s  | slope o   | n the                                       | site (app  | roximate                                       | e percent slop  | e)?  |   |                               |
|   |   | orther   |  |   |   |   |   |  |  | wn toward L   |  | ashingto                                      | n to the                      |
|   | south                                     | west v   | vhile the  | southeri                                    | n port  | ion of  | the p                                       | roperty  | lopes ge                                       | ntly to the ed  | ge of L                                    | ake Was                                       | hington.                      |
|   | Maxir                                     | num s  | lopes ex   | ceed 120                                    | %. Av   | erage   | slope                                       | s are 33.  | 1% (prop                                       | osed lot 1) 4   | ).9% (p                                    | roposed                                       | lot 2).                       |
|   |   |  |  |   |   |   |   |  |  |   |  |   |                               |
|   | C.  |  | What g   | eneral tv                                   | nes n   | f soils   | are fo                                      | ound on  | the site (                                     | for example,  | clav s                                     | and grav                                      | el neat                       |
|   | С.  |  | _  |   | •   |   |   |  |  | ral soils, spe  | •  |   |                               |
|   |   |  |  |   |   |   |   |  |  | nce and whet  |  |   |                               |
|   |   |  |  | ving any                                    |   |   |   |  |  |   |  |   |                               |
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|   | d.  |  | Are the  | re surfac                                   | e indi  | cations   | s or h                                      | istory of  | unstable                                       | soils in the in   | nmedi                                      | ate vicini                                    | ty? If so,                    |
|   |   |  | describ  | e.  |   |   |   |  |  |   |  |   |                               |
|   | dated<br>previo<br>know<br>steep<br>Hazar | April :<br>ous do<br>n recei<br>slopes<br>d Asse | 2009 sho<br>cumente<br>nt deep-s<br>s have oc<br>essment i | ows the sold landslike seated landscared in | ite ha<br>des cl<br>ndslic<br>the a<br>ws the | is been<br>lose by<br>des in t<br>area ai<br>at the : | desi<br>to the<br>the ar<br>round<br>site h | gnated a<br>ne northw<br>rea howe<br>I this nei<br>as been | s a Land<br>vest and<br>ever shall<br>ghborhoo | y Kathy Troos<br>slide Hazard A<br>southeast of<br>low slides wit<br>od. The Merco<br>ed as a Seism | Area ai<br>the site<br>hin the<br>er Islan | nd also s<br>e. There<br>looser s<br>d Seismi | hows<br>is no<br>oils on<br>c |
|   | e.  |  | Describ  | e the pu                                    | rpose   | , type,   | tota  | l area, a  | nd appro                                       | ximate quan   | ities a                                    | nd total                                      | affected                      |
|   |   |  | area of  | any filling                                 | g, exc  | avatior   | n, and                                      | d grading  | propose  | d. Indicate so  | urce of                                    | fill.   |                               |
|   |   |  |  |   |   |   |   |  |  | any grading   |  |   |                               |
|   | consti                                    | ruction  | activiti   | es theref                                   | ore to  | tal are   | ea an                                       | d approx   | imate qu                                       | ıantities are ı   | ot kno                                     | wn at th                                      | is time.                      |
|   |   |  |  |   |   |   |   |  |  |   |  |   |                               |
|   | f.  |  | Could e  | rosion oc                                   | cur a   | s a resu  | ılt of                                      | clearing,  | construc                                       | tion, or use?   | If so, g                                   | enerally                                      | describe.                     |
|   | During                                    | g futui  |  |   |   |   |   |  |  | would be pr   |  |   |                               |
|   |   |  | n, the pro<br>abilized.                                    | -   | of ero  | osion w   | vould                                       | decreas  | e when a                                       | rainage is co   | ntrolle                                    | d and cle                                     | ared                          |
|   |   |  |  |   |   |   |   |  |  |   |  |   |                               |
|   | g.  |  | About v  | what per                                    | cent (  | of the  | site v                                      | will be co   | overed w                                       | ith imperviou   | s surfa                                    | ices afte                                     | r project                     |
|   | 5   |  |  | •   |   |   |   | t or build   |  | 12.2.2.00   | 14   |   | 1 1                           |
|   |   |  | CONSTIG  | וטון ווטווט                                 | CAUI  | iipic, a  | Spriai                                      | t or built   | 111163/1                                       |   |  |   |                               |

Currently no additional impervious areas are proposed. Future impervious surfaces could include the roof area of a single family residence, patio, walkways and driveways.

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

No land disturbing activities are proposed with this short plat. The partial demolition project and future single family residence construction could use industry standard means to control erosion including include: sedimentation traps, runoff filtration, mulching, filter fences and diversion swales

#### 2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, and industrial wood smoke) during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

This application for Short Subdivision currently does not include any construction activities therefore approximate quantities are not known at this time. Potential sources of emissions could be from construction vehicles and equipment.

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

#### None known.

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

Should future construction activities by undertaken during the dry season, periodic watering, if deemed necessary, could be used to control dust. Automobile emissions are regulated by the Washington State Department of Licensing.

#### 3. Water

#### a. Surface:

i. 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.

Yes, the site is bordered to the west by Lake Washington.

ii. 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.

The proposed Short Subdivision does not require any work in or adjacent to the described waters however partial demolition of the existing single family residence and any future single family residence construction on the newly created lot would. Please refer to attached Short Plat plans (2/22/19) for Ogden Point, Site Plan, Existing Driveway profile, Critical Areas Exhibit and Tree Plan (2/28/19) prepared by David Evans and Associates, Inc.

|                                | iii.                               | 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.  |
|--------------------------------|------------------------------------|--|
| None                           | propose                            | rd.  |
|                                |                                    |  |
|                                | iv.                                | Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.   |
| No.                            |                                    |  |
|                                | V.                                 | Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.   |
| No.                            |                                    |  |
|                                | vi.                                | 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.                             | Gro                                | und 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.                            |                                    |  |
|                                |                                    |  |
|                                | ii.                                | 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. |
| -                              | -                                  | plat lots will use the sanitary sewer system, therefore there would be no major  |
| sources                        | of waste                           | material which could be discharged into the ground.  |
| C.                             | i.                                 | ter runoff (including stormwater):  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.  |
| landscap<br>downspo<br>stormwa | oed area<br>outs and<br>oter to Lo | ne from onsite hardscape areas (roof area, driveways, patios and walk ways) and so. In the sites existing condition runoff is collected by catch basins, yard drains and discharged to Lake Washington. Future developments would also discharge take Washington and might include stormwater best management practices (BMPs) are City of Mercer Island's drainage code.  |

|   | ii. Could waste materials enter ground or surface waters? If so, generally describe.   |
|---|--|
| -   | e site will have a single family residential land use and would have the potential for was   |
| materials                                       | to enter ground and surface water typical to those types of projects. The existing site h  |
| two docks                                       | s with moorage spaces for boats which may also carry potentials for waste to enter surfa   |
| waters.   |  |
|   |  |
|   |  |
| d.  | Proposed measures to reduce or control surface, ground, runoff water, and draina   |
|   | pattern impacts, if any:   |
| In the site                                     | es existing condition runoff is collected by catch basins, yard drains and downspouts a  |
|   | ed to Lake Washington. Future developments would also discharge stormwater to La   |
| _   | ton and might include stormwater best management practices (BMPs) as required by t   |
| _   | ercer Island's drainage code.  |
|   |  |
|   |  |
| Plants  |  |
| a.  | Check types of vegetation found on the site  |
|   | □ Deciduous tree: Alder, Maple, Aspen, other   |
|   |  |
|   | ⊠ Shrubs   |
|   | <br>⊠ Grass  |
|   | ☐ Pasture  |
|   | ☐ Crop or grain  |
|   | _ crop or gram   |
|   | □ Wet soil plants: Cattail butteroup bulrush skunk cabbage other   |
|   | ☐ Wet soil plants: Cattail, buttercup, bulrush, skunk cabbage, other   |
|   | ☐ Water plants: Water lily, eelgrass, milfoil, other   |
| _   | <ul><li>□ Water plants: Water lily, eelgrass, milfoil, other</li><li>□ Other types of vegetation</li></ul>   |
| b.  | <ul> <li>□ Water plants: Water lily, eelgrass, milfoil, other</li> <li>□ Other types of vegetation</li> <li>What kind and amount of vegetation will be removed or altered?</li> </ul>  |
| None pro  | <ul> <li>□ Water plants: Water lily, eelgrass, milfoil, other</li> <li>□ Other types of vegetation</li> <li>What kind and amount of vegetation will be removed or altered?</li> <li>posed with the short plat application, however removal of existing vegetation, to include</li> </ul>   |
| None prop<br>trees, shr                         | ☐ Water plants: Water lily, eelgrass, milfoil, other ☐ Other types of vegetation ☐ What kind and amount of vegetation will be removed or altered?  posed with the short plat application, however removal of existing vegetation, to include tubs, lawn as necessary for a driveway, utility connection and home site would be   |
| None prop<br>trees, shr                         | <ul> <li>□ Water plants: Water lily, eelgrass, milfoil, other</li> <li>□ Other types of vegetation</li> <li>What kind and amount of vegetation will be removed or altered?</li> <li>posed with the short plat application, however removal of existing vegetation, to include</li> </ul>   |
| None prop<br>trees, shr                         | <ul> <li>□ Water plants: Water lily, eelgrass, milfoil, other</li> <li>□ Other types of vegetation</li> <li>□ What kind and amount of vegetation will be removed or altered?</li> <li>posed with the short plat application, however removal of existing vegetation, to include tubs, lawn as necessary for a driveway, utility connection and home site would be</li> </ul>   |
| None prop<br>trees, shre<br>necessary           | ☐ Water plants: Water lily, eelgrass, milfoil, other ☐ Other types of vegetation ☐ What kind and amount of vegetation will be removed or altered?  posed with the short plat application, however removal of existing vegetation, to include tubs, lawn as necessary for a driveway, utility connection and home site would be of for future single family residence permit on newly created lot.  List threatened or endangered species known to be on or near the site.  |
| None prop<br>trees, shre<br>necessary           | <ul> <li>□ Water plants: Water lily, eelgrass, milfoil, other</li> <li>□ Other types of vegetation</li> <li>What kind and amount of vegetation will be removed or altered?</li> <li>posed with the short plat application, however removal of existing vegetation, to include ubs, lawn as necessary for a driveway, utility connection and home site would be of for future single family residence permit on newly created lot.</li> </ul>   |
| None prop<br>trees, shre<br>necessary           | ☐ Water plants: Water lily, eelgrass, milfoil, other ☐ Other types of vegetation ☐ What kind and amount of vegetation will be removed or altered?  posed with the short plat application, however removal of existing vegetation, to include tubs, lawn as necessary for a driveway, utility connection and home site would be a for future single family residence permit on newly created lot.  List threatened or endangered species known to be on or near the site.   |
| None prop<br>trees, shre<br>necessary           | ☐ Water plants: Water lily, eelgrass, milfoil, other ☐ Other types of vegetation ☐ What kind and amount of vegetation will be removed or altered?  posed with the short plat application, however removal of existing vegetation, to include ubs, lawn as necessary for a driveway, utility connection and home site would be of for future single family residence permit on newly created lot.  List threatened or endangered species known to be on or near the site.  the observed on or near the site.  |
| None prop<br>trees, shre<br>necessary           | ☐ Water plants: Water lily, eelgrass, milfoil, other ☐ Other types of vegetation ☐ What kind and amount of vegetation will be removed or altered?  posed with the short plat application, however removal of existing vegetation, to include tubs, lawn as necessary for a driveway, utility connection and home site would be a for future single family residence permit on newly created lot.  List threatened or endangered species known to be on or near the site.   |
| None prop<br>trees, shre<br>necessary  c.  None | <ul> <li>□ Water plants: Water lily, eelgrass, milfoil, other</li> <li>□ Other types of vegetation</li> <li>What kind and amount of vegetation will be removed or altered?</li> <li>posed with the short plat application, however removal of existing vegetation, to include tubs, lawn as necessary for a driveway, utility connection and home site would be of for future single family residence permit on newly created lot.</li> <li>List threatened or endangered species known to be on or near the site.</li> <li>Proposed landscaping, use of native plants, or other measures to preserve or enhancements.</li> </ul>  |
| c. None None As m                               | <ul> <li>□ Water plants: Water lily, eelgrass, milfoil, other</li> <li>□ Other types of vegetation</li> <li>□ What kind and amount of vegetation will be removed or altered?</li> <li>Posed with the short plat application, however removal of existing vegetation, to include tubs, lawn as necessary for a driveway, utility connection and home site would be a for future single family residence permit on newly created lot.</li> <li>□ List threatened or endangered species known to be on or near the site.</li> <li>□ Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:</li> </ul>   |
| C. None  d. As m                                | □ Water plants: Water lily, eelgrass, milfoil, other □ Other types of vegetation What kind and amount of vegetation will be removed or altered? posed with the short plat application, however removal of existing vegetation, to include ubs, lawn as necessary for a driveway, utility connection and home site would be for future single family residence permit on newly created lot. List threatened or endangered species known to be on or near the site. e observed on or near the site. Proposed landscaping, use of native plants, or other measures to preserve or enhan vegetation on the site, if any: nuch native vegetation as practical would be retained during construction. Cleared and  |
| C. None  d. As m                                | □ Water plants: Water lily, eelgrass, milfoil, other □ Other types of vegetation What kind and amount of vegetation will be removed or altered?  posed with the short plat application, however removal of existing vegetation, to include the short plat application, however removal of existing vegetation, to include the short plat application, however removal of existing vegetation, to include the short plat application, however removal of existing vegetation, to include the short platter of proposed landscaping residence permit on newly created lot.  List threatened or endangered species known to be on or near the site.  Proposed landscaping, use of native plants, or other measures to preserve or enhand vegetation on the site, if any:  Proposed landscaping, use of native plants, or other measures to preserve or enhand vegetation on the site, if any:  Proposed landscaping application would be retained during construction. Cleared and led areas would be revegetated with native grasses/plants as practical and mitigated frequired by the MIMC.  |
| C. None  d. As m                                | □ Water plants: Water lily, eelgrass, milfoil, other □ Other types of vegetation What kind and amount of vegetation will be removed or altered?  posed with the short plat application, however removal of existing vegetation, to include the short plat application, however removal of existing vegetation, to include the short plat application, however removal of existing vegetation, to include the short plat application, however removal of existing vegetation and home site would be a for future single family residence permit on newly created lot.  List threatened or endangered species known to be on or near the site.  Proposed landscaping, use of native plants, or other measures to preserve or enhand vegetation on the site, if any:  much native vegetation as practical would be retained during construction. Cleared and led areas would be revegetated with native grasses/plants as practical and mitigated for the site is a practical and mitigated |

#### 5. Animals

a. State any birds and 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:

Heron, eagles, salmon, songbirds and trout have been viewed or are known to be on or near the project site.

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

None observed on site. The City of Mercer Island GIS locates a known Eagle nest SW west of the subject site about 800'. The subject property is located outside of the 330' and 660' Eagle Nest Buffers.

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

Not to our knowledge.

d. Proposed measure to preserve or enhance wildlife, if any:

Retention of as many existing trees and native vegetation as is compatible with any future single family residential construction on newly created lot 2 will assist in preserving wildlife habitat.

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

None known. Canadian Geese and moles are known to be present on site.

#### 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.

Electricity and natural gas would be the primary sources of energy for the proposal and would be used for heating, lighting and other miscellaneous household purposes. Wood burning and passive solar gain would be secondary sources of heat.

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

#### Not to our knowledge.

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 inclusion of energy conservation measures would be per the applicable codes and the choice of individual residents.

#### 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 to     | our knowledge.  |
|    |             |   |
|    |             | i. Describe any known or possible contamination at the site from present or past uses.  |
|    | None to     | our knowledge.  |
|    |             |   |
|    |             | ii. 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 to     | our knowledge.  |
|    |             | iii. 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 to     | our knowledge.  |
|    |             | iv. Describe special emergency services that might be required.   |
|    | No specio   | al emergency services would be required by the proposed project.  |
|    |             | v. Proposed measures to reduce or control environmental health hazards, if any:   |
|    | To meet     | all fire and building code provisions for fire and life safety.   |
|    | 10 111000   | un jne una banang coae provisions jor jne una nje sajety.   |
|    | h           | Noise   |
|    | b.          | <ul><li>i. What types of noise exist in the area which may affect your project (for example:</li></ul>  |
|    |             | traffic, equipment, operation, other)?  |
|    | Noise fro   | m traffic on surrounding roadways and residences could have a minimal impact on the   |
|    | project.    | ,,  |
|    |             |   |
|    |             | ii. 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 lev   | els would be intermittently high throughout construction, but should be limited to normal   |
|    | _           | ours. After construction, residential activity and traffic noise created by daily vehicular   |
|    | trips wou   | ıld increase ambient noise levels in the vicinity.  |
|    |             |   |
|    |             | iii. Proposed measures to reduce or control noise impacts, if any:  |
|    |             | roper construction equipment exhaust muffling devices and limitation of construction to   |
|    | normal w    | vaking hours would minimize construction related noise impacts.   |
| 8. | Land and    | shoreline use   |
| ο. | Lanu anu    |   |
|    | 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 of | currently houses one single family residence with associated garage and outbuildings.   |

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? No, the site has no known agricultural, forest land significance to our knowledge. Describe any structures on the site. The site currently houses one single family residence built in 1982 and its associated attached garage and swimming pool. There is a multistory out building located along the north property line and a shed that houses equipment used to pump irrigation water from Lake Washington at the properties southwest corner. Will any structures be demolished? If so, what? The existing single family residence is proposed to be partially demolished and remodeled in order to not present any non-conforming structures with the newly proposed short plat property lines. What is the current zoning classification of the site? e. The current zoning of the site if Single Family –R-15, Minimum 15,000s/f lots. What is the current comprehensive plan designation of the site? The current comprehensive plan designation of the site is "Single Family Residential". If applicable, what is the current shoreline master program designation of the site? The current shoreline master program designation of the site is "Urban Residential". Has any part of the site been classified as an "environmentally sensitive" area? If so, h. specify. Yes, portions of the site are classified "environmentally sensitive" due to the Steep slope hazard, erosion hazard and landslide hazards. Please refer to the attached Geotechnical Engineering Study prepared by Geotech Consultants, Inc. dated January 31, 2019. Approximately how many people would reside or work in the completed project? Upon completion, two families are expected to live on the new lots. This would be approximately 5.72 people. (2.86 per residence x 2 residences). Approximately how many people would the completed project displace? The completed project would not displace any people as it is adding one lot per the proposed short plat. k. Proposed measures to avoid or reduce displacement impacts, if any: None proposed. I. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: Compliance with existing regulatory codes and standards.

9. Housing

|     | a.                          | Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.                         |
|-----|-----------------------------|---|
|     | One new sir                 | ngle family residential lot will be provided. It is unknown at this time the income level   |
|     | proposed be                 | ut the general area is predominantly middle to high income housing.   |
|     | b.                          | Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.                      |
|     | No units are<br>demo and r  | e proposed to be eliminated. The existing residence is proposed to undergo a partial remodel.   |
|     | C.                          | Proposed measures to reduce or control housing impacts, if any:   |
|     | None.                       |   |
| 10. | Aesthetics                  |   |
|     | a.                          | What is the tallest height of any proposed structure(s), not including antennas? What is the principal exterior material(s) proposed? |
|     | No structure<br>and standar | es are proposed, future structures will seek compliance with existing regulatory codes  |
|     | b.                          | What views in the immediate vicinity would be altered or obstructed?  |
|     | None.                       | What views in the immediate violine, would be differed of obstructed.   |
|     |                             |   |
|     | C.                          | Proposed measures to reduce or control aesthetics impacts, if any:  |
|     |                             | ance of building setbacks, building height regulations and retention of as much native as practical during construction.              |
| 11. | Light and gl                | are   |
|     | a.                          | What type of light or glare will the proposal produce? What time of day would it mainly occur?  |
|     | The propose night.          | al would produce light from automobile headlights and home lighting, primarily at   |
|     |                             |   |
|     | b.                          | Could light or glare from the finished project be a safety hazard or interfere with views?  |
|     | Not to our k                | thowleage.  |
|     |                             | What existing off-site sources of light or glare may affect your proposal?  |
|     | Surrounding                 | g residences and traffic.   |
|     |                             |   |
|     | d.                          | Proposed measures to reduce or control light and glare impacts, if any:   |
|     | None propo                  | ъси.  |
| 12. | Recreation                  |   |
|     | _                           |   |

- What designated and informal recreational opportunities are in the immediate vicinity? None known in the immediate vicinity. 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: Applicable recreation impact fees will be paid to City of Mercer Island Parks and Recreation Dept.
- 13. Historic and cultural preservation

Are there any buildings, structures, or sites, located on or near the site that are over 45 a. years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.

Although there are buildings over 45 years old located near the site, none that we have found listed in the Washington Information System for Architectural & Archaeological Records.

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 to our knowledge.

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.

Methods used to assess potential impacts were King County property records as well as Washington Information System for Architectural & Archaeological Records.

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.

Construction would be temporarily halted should evidence of historic, archaeological, scientific or cultural importance by discovered. Applicable agencies would then be contacted

#### 14. Transportation

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

Access from the site to public streets is via a private shared driveway to W. Mercer Way.

| b.        | Is the site or affected geographic area currently served by public transit? If so, general describe. If not, what is the approximate distance to the nearest transit stop?  |
|-----------|---|
| The site  | is serviced by KC Metro Transit with a stop at 62720 W Mercer Way & SE Maker St.  |
|           |   |
|           |   |
| C.        | How many additional parking spaces would the completed project or nonproject propos have? How many would the project or proposal eliminate?   |
| _         | would be accommodated in residents' garages. Assuming the homes have two-car garage ff-street parking spaces will be provided. No parking would be eliminated.  |
| d.        | Will the proposal require any new or improvements to existing roads, streets, pedestria   |
|           | bicycle or state transportation facilities, not including driveways? If so, generally descril (indicate whether public or private).   |
| No, no i  | mprovements are proposed.   |
|           |   |
| e.        | Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or a  |
|           | transportation? If so, generally describe.  |
| The proj  | ect should not generate any additional use of water, rail or air transportation.  |
|           |   |
| f.        | How many vehicular trips per day would be generated by the completed project proposal? If known, indicate when peak volumes would occur and what percentage the volume would be trucks (such as commercial and non-passenger vehicles). What da or transportation models were used to make these estimates? |
|           | posed short subdivision is to create one additional single family residential lot therefore and 9.57 ADT could be generated by the newly created lot.   |
|           |   |
| g.        | Will the proposal interfere with, affect or be affected by the movement of agriculturand forest products on roads or streets in the area? If so, generally describe.  |
| Not to o  | ur knowledge.   |
|           |   |
| h.        | Proposed measures to reduce or control transportation impacts, if any:  |
| Paymen    | t of applicable City of Mercer Island impact fees, as well as any County or WSDOT traf  |
| impact f  | ees.  |
| Public se | ervices   |
| a.        | Would the project result in an increased need for public services (for example; fi protection, police protection, health care, schools, other)? If so, generally describe.  |
|           | posal would place additional demands on public services proportional to one addition<br>imily detached housing; however, facilities are generally in place to handle these addition<br>'s.  |
|           |   |

for in the City of Mercer Island Codes, applicable impact mitigation fees will be paid for impacts, if any, to roads, schools, and parks. 16. Utilities Check utilities currently available at the site: a. 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. No new utilities are proposed with the Short Plat application however would be applied for with an application for a new single family residence for the newly created lot. **SIGNATURE** I certify (or declare) under penalty of perjury under the laws of the State of Washington that the answers to the attached SEPA Checklist are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision. 4-8-2019 Date Submitted:

Residents would become part of the tax base user group that supports these services. As provided

# SEPA RULES

#### SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not 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; productions, storage, or release of toxic or hazardous substances; or production of noise?   |
|----|---|
|    |   |
|    |   |
|    | Proposed measures to avoid or reduce 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. |
|    |  |

[Statutory Authority: RCW 43.21C.110. WSR 16-13-012 (Order 15-09), § 197-11-960, filed 6/2/16, effective 7/3/16. Statutory Authority: RCW 43.21C.110 and 43.21C.100 [43.21C.170]. WSR 14-09-026 (Order 13-01), § 197-11-960, filed 4/9/14, effective 5/10/14. Statutory Authority: RCW 43.21C.110. WSR 13-02-065 (Order 12-01), § 197-11-960, filed 12/28/12, effective 1/28/13; WSR 84-05-020 (Order DE 83-39), § 197-11-960, filed 2/10/84, effective 4/4/84.]