



DEVELOPMENT SERVICES DEPARTMENT  
ENVIRONMENTAL COORDINATOR  
450 110<sup>th</sup> Ave NE., P.O. BOX 90012  
BELLEVUE, WA 98009-9012

**OPTIONAL DETERMINATION OF NON-SIGNIFICANCE (DNS) NOTICE MATERIALS**

The attached materials are being sent to you pursuant to the requirements for the Optional DNS Process (WAC 197-11-355). A DNS on the attached proposal is likely. This may be the only opportunity to comment on environmental impacts of the proposal. Mitigation measures from standard codes will apply. Project review may require mitigation regardless of whether an EIS is prepared. A copy of the subsequent threshold determination for this proposal may be obtained upon request.

File No. 09-104397-WG  
Project Name/Address: Cherberg Shoreline Restoration  
Planner: David Pyle  
Phone Number: 425-452-2973

**Minimum Comment Period: April 13, 2009**

Materials included in this Notice:

- Blue Bulletin
- Checklist
- Vicinity Map
- Plans
- Other:



1375 NW Mall Street, Suite 3  
Issaquah, WA 98027  
425.313.1078 (Bus)  
425.313.1077 (Fax)

February 18, 2009

City of Bellevue PCD  
Attn: David Pyle  
PO BOX 90012  
Bellevue WA 98009-9012

RE: Cherberg Short Plat 09-104397 LO

Dear Mr. Pyle,

This letter is in response to your letter dated February 2, 2009. A copy of the letter is attached for your reference.

- 1-4) A narrative has been provided in lieu of the report.
- 5) The Restoration/Mitigation Plan has been revised as requested.
- 6) Monitoring details are included on the plan and in the narrative.
- 7) See narrative.
- 8) See narrative.
- 9) All references to the Cherberg Short Plat have been removed from the plans.

Additional information regarding the birch trees is available and should be considered when identifying the code enforcement resolution. The applicant agrees and understands that mitigation is required but feels that the following facts are relevant in determining the resolution:

1. The trees were labeled incorrectly by the Surveyor. The actual diameters of the birch trees, as measured at ground level (not at the standard DBH) are 18", 19" and 21" (See Exhibit A).
2. An arborist was consulted to determine the health of the trees and has determined that the trees were decaying and unsafe, (See Exhibit B).
3. The United States Department of Agriculture states in document NA-FR-02-97 that the life of a birch tree is 40-50 years which further supports the arborist determination. The trees were planted around 1956 per the Site Landscape Plans.
4. Photos taken of the birch trees at the subject property in the summer and winter are enclosed (Exhibit C). These photos show that the trees did not hang over the lake, providing shade and fish habitat.

Cherberg Property  
09-104397 LO  
February 18, 2009  
Page 2 of 2

If you have any questions, please contact me at (425) 313-1078 or [Nicole@j3me.net](mailto:Nicole@j3me.net).

Sincerely,

A handwritten signature in black ink that reads "Nicole E. Mecum". The signature is written in a cursive, flowing style.

Nicole Mecum, PE

CC: Jim Cherberg

Enclosures

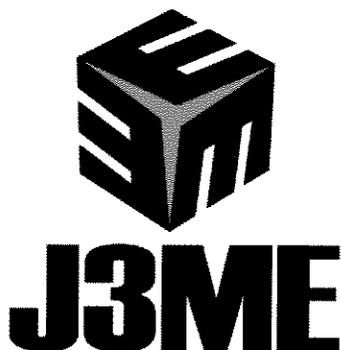
# Critical Areas Report

City of Bellevue Permit # 09-104397 LO

**Cherberg Property**  
**3229 106<sup>th</sup> Avenue SE**  
**Bellevue, WA**

**Prepared For**  
**Jim Cherberg**  
3229 106<sup>th</sup> Avenue SE  
Bellevue, WA 98004

February 18, 2009



**Prepared By:**  
Nicole E. Mecum, PE  
1375 NW Mall Street, Suite 3  
Issaquah, WA 98027  
425.313.1078 (Office)  
425.313.1077 (Fax)

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## Introduction

The Cherberg Property is located at 3229 106<sup>th</sup> Avenue SE in Bellevue, Washington. A critical areas narrative, in lieu of a Critical Areas Report, and mitigation plan are required resulting from an enforcement action (File number 08-134758) against the property by the City of Bellevue for alterations made to the critical area buffer without permits. In order to bring the site into compliance with city codes, the action and mitigation must be analyzed through a Critical Areas Permit as required in LUC 20.25H.210-.270.

The Critical Areas Report requirements will be fulfilled by this narrative. We have included a brief project overview as well as answered, at the request of David Pyle (City of Bellevue Land Use Planner), the following five questions:

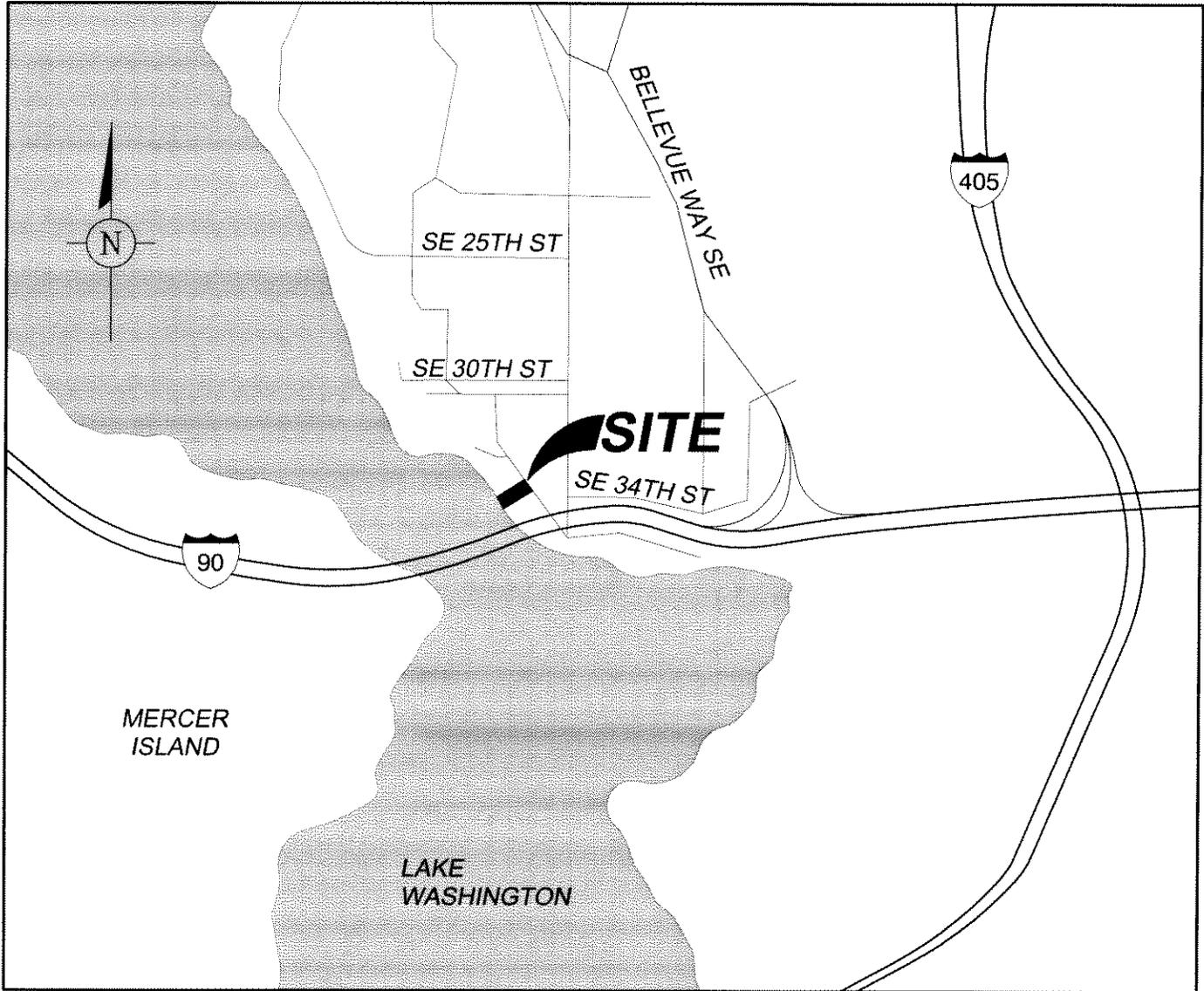
- 1) What the site looked like before the trees were cut, and what function existed on site.
- 2) What action was taken by the property owner?
- 3) What the result of the action was (in terms of changes to the landscape and shoreline function).
- 4) What is being done to restore those functions that were lost over time - what are the objectives of the proposed restoration (in terms of landscape improvements and shoreline function)?
- 5) How do you plan to ensure that the objectives will be met, and what do you plan to do if you do not meet them?

## Project Overview

### *Site Context*

The project site is approximately 0.75 acres, located in the R-3.5 zoning district at 3229 106<sup>th</sup> Avenue SE (**Figure 1 – Vicinity Map**). The site is currently developed with a single-family residence. The home is accessed from 106<sup>th</sup> Avenue SE via a paved driveway. The site is bounded to the east by 106<sup>th</sup> Avenue SE, to the north by a community beach access, the south by existing residential properties and to the west by Lake Washington.

The site consists of a westerly-facing slope that descends to Lake Washington. The site is encumbered with a 25' critical area buffer from the OHWM of the lake. Existing vegetation on the property is a mix of native and non-native species.



CHERBERG SHORT PLAT  
VICINITY MAP



1375 NW Mall Street, Suite 3  
Issaquah, WA 98027  
Tel (425) 313-1078  
Fax (425) 313-1077

DWN. BY: HDO	DATE: 2/17/09	JOB NO. MIS-015
CHKD. BY: N. MECUM	SCALE: NTS	<b>FIGURE 1</b>

## Narrative Questions

1) What the site looked like before the trees were cut, and what function existed on site see Figure 2.

The birch trees, *Betula Alba* variety, consisted of 3 trunks planted in 1956. Each trunk was less than 24 inches in diameter as noted on the survey. Trunk 1: 16-18 inches diameter and 9'4" from the bulkhead. Trunk 2: 18-20 inches diameter and 13'6" from the bulkhead. Trunk 3: 17-20.5 inches diameter and 16'6" from the bulkhead. The trunks were surrounded by grass lawn. The remainder of the yard is vegetated with grass as well. The only other significant vegetation in the back yard is a stand of bamboo approximately 40' from the cut trees. All trunks leaned away from the Ordinary High Water Mark, and did not cast shade over the water. The trees provided a shaded area over the grass lawn, and allowed small birds to perch. Trunk 1 had a hollow-rotten center core and the center core of trunk 2 was beginning to rot. The topography of the area is very flat, further limiting the influence of the trees on the lake.



Figure 2

2) What action was taken by the property owner?

The trees were removed to increase the safety of the use of the dock and to ease the personal anxiety created by the trees for Mr. Cherberg's wife, Nan. Nan fled her native country of Cambodia, witnessing dead bodies hanging from trees. Any type of tree with

a hanging or weeping aspect to its appearance evokes horrific memories for her. Removing this constant reminder from the site was necessary to ease her anxiety.

During the spring and summer months, the tree in full foliage blocked the view of the dock, so that Mr. Cherberg's children and other children could not be seen. After much consideration, the trees were removed in April 2008.

A certified arborist examined saved tree remnants and the remaining stumps and determined the trees exhibited a dangerous growth pattern, failing health, and increased susceptibility to damage in a windstorm. According to literature from the U.S. Department of Agriculture, the tree was more than likely in decline, as a tree of this type has a life expectancy of 40-50 years.

3) What the result of the action was (in terms of changes to the landscape and shoreline function).

The removal of the tree has provided a clear and safe view of the dock, and Nan is more comfortable emotionally. The view from water side is now open. No other changes to the landscape occurred during the tree removal and no changes to the grass lawn have developed subsequently.

Photographic evidence has shown that the tree limbs did not overhang the bulkhead or cast shade over the water. This has since been corroborated by the previous home owners, Mr. and Mrs. Stephen Anderson. Since the trees were inland of the shoreline, the effect of their removal on the shoreline function is less than what would be experienced through removal of a tree that provides shaded water habitat. The trees provided a level of stormwater runoff control that has been somewhat mitigated by retention of the stumps. The lost water uptake and evapo-transpiration function of these trees is negligible and will not result in a measurable impact on the shoreline.

The bulkhead prevents erosion from wave action and the tree roots were retained in place, maintaining soil stability in the affected area. No erosion has occurred to the lawn and it remains well intact. The only area where grass lawn is not present is a shallow depression immediately behind the bulkhead. This has been caused by years of waves breaching the bulkhead and was present in its current condition prior to removing the trees.

The Cherbergs have observed the usual amount of small fishes swimming about the dock and close to shore, subsequent to the tree removal. The Cherbergs have never observed an eagle landing in the trees. Jay Shepherd of WDFW explained that it was not the type of tree an eagle would perch in. The Cherbergs had not observed a kingfisher bird in the area until this summer and fall, after the tree had been removed. No impact has occurred to the usual migratory water fowl as flocks of buffle heads and other species have been photographed this winter in the water just feet off shore of the

bulkhead. As such, it appears fish and wildlife has experienced no adverse impacts due to the removal of the trees.

4) What is being done to restore those functions that were lost over time - what are the objectives of the proposed restoration (in terms of landscape improvements and shoreline function)?

The proposed restoration will remove non-native vegetation (e.g. bamboo and iris) and other non-native trees and plants upland of the bulkhead and replace them with an equivalent amount of vegetated space to replace and restore shoreline function of the trees. Vegetation will consist of native trees and plantings as prescribed in the City of Bellevue Critical Areas Handbook.

More trees can be planted to supplement those trees remaining and offset any reduction of storm water runoff control and deciduous leaf fall-off occurring as a result of the tree removal. Native trees planted where none currently exist will improve the overall appearance, and restore perching sites for smaller bird species (e.g. robins). The restoration/mitigation requirements have been included in this report.

5) How do you plan to ensure that the objectives will be met, and what do you plan to do if you do not meet them?

The trees and plants approved will be planted and maintained per the guidelines and recommendations contained in the Critical Areas Handbook. It is the full intention of the restoration plan to meet the objectives set forth and to successfully mitigate the code violation. Plants that do not survive the first three years will be replaced with identical species.

## **Mitigation Plan**

### ***Mitigation Plan Goals and Objectives***

- 1) Remove any non-native species, such as Himalayan blackberry, English ivy, Scot's broom, and holly, from the mitigation planting areas.
- 2) Establish an enhanced native plant community within the designated mitigation planting areas.
- 3) Maintain and monitor the mitigation planting areas for three years. Maintain the health and viability of plantings and ensure the mitigation planting areas remain free of non-native, invasive species.

### ***Performance Standards – Mitigation Planting Areas***

- 1) *Survival of planted vegetation*
  - 100% survival by the end of Year One.
  - 80% survival in Years Two and Three.
- 2) *Percent cover of planted vegetation*
  - Cover for woody vegetation (trees and shrubs) should be at least 60% by Year Two and 85% by Year Three.
- 3) *Diversity of planted vegetation*
  - Establishment of a minimum of two native shrub and three native groundcover species by Year Three.
- 4) *Percent cover of non-native/invasive weeds*
  - Less than 10% cover by invasive plant species in all years.

### ***Monitoring Methods***

A three-year monitoring plan will be implemented on the property per LUC 20.25H.220D. Monitoring will take place three times, once each at the end of Years One, Two and Three. First-year monitoring will take place in the first late summer or early fall, subsequent to plant installation. Monitoring in the following years will also take place at approximately the same time of year (i.e. before deciduous leaves drop) to ensure plants can be identified with associated survival and cover. If requested, the following information will be recorded and reported in an annual monitoring report to be submitted to the City of Bellevue.

- *Survival* - Survival counts of installed plants by species (Year One only). Years Two and Three do not need to differentiate by species.
- *Percent Cover* - Visual estimate quantifying native plant cover and non-native/invasive species in the mitigation planting areas.
- *Native Plant Diversity* – Identify how many different native plant types (species) are found in the mitigation planting areas.
- Photographic documentation of the mitigation planting areas as shown from fixed reference points.
- Recommendations for maintenance and/or repair of the mitigation planting areas.
- *Note: Volunteer native trees, shrubs, and groundcover may count toward survival, percent cover, and native plant diversity.*

## ***Contingencies***

The assurance device holder, or other approved property representative, will work with the City of Bellevue to develop a Contingency Plan (per LUC 20.252H.220E) in the event that additional steps need to be taken to meet the outlined performance standards and maintenance requirements. Examples of Contingency Plan components may include (but are not limited to) such items as soil amendments, plant substitutions, and additional plant installations.

## ***Maintenance***

The site will be maintained for three years (by the property owner or approved property representative) following completion of plant installations.

### *1) Survival and Diversity of Native Plants*

- Year One – Replace each dead plant (with the same species) in mitigation planting areas during the first fall dormant season (October 15 through March 1) following initial installation.
- Years Two and Three – Replace dead plants with appropriate native species (during the fall dormant season; October 15 through March 1) such that sufficient survival and percent cover requirements of the performance standards section are met.

### *2) Invasive Weed Maintenance*

- Weeding should occur at least twice per summer and once in the fall and winter. As soon as weeds start to emerge, the whole plant will be removed by hand, including the roots. Each installed plant will be kept free of weeds and grasses in a 24-inch diameter circle around the stem. No line trimmers or weed whackers are to be used near native plants. No weed killers should be used without first contacting the City of Bellevue's Land Use desk.

### *3) Watering*

- A temporary irrigation system will be installed for Year One only from June 1 through September 30, such that a minimum of two inches of water per week is applied to all mitigation planting areas. Watering may need to be adjusted due to extreme hot/dry weather or excessive rainfall. The temporary irrigation system may be run from hoses from the water supply for the home.

#### 4) *Mulch*

- The wood chip mulch ring around each plant will be maintained to a depth of four-inches thick, extending to the drip line of each plant. Area immediately adjacent to the stem/trunk will be kept free from mulch.

#### 5) *Fertilizer*

- A slow-release granular fertilizer shall be applied to each plant in Years Two and Three. No fertilizer is to be applied in Year One.

### **Construction Notes**

- 1) All plant installation is to take place during the dormant season (October 15 through March 1). Non-native/invasive weed removal should occur no more than one month before plant installation.
- 2) As soon as non-native/invasive weeds start to emerge, the whole plant will be removed by hand, including the roots. Each installed plant will be kept free of weeds and grasses in a 24-inch diameter circle around the stem. No line trimmers or weed whackers are to be used near native plants. No weed killers should be used without first contacting the City of Bellevue's Land Use desk.
- 3) Prepare a planting pit for each plant per the planting details.
- 4) Plants should be laid out generally per the plan, but may be adjusted for onsite conditions to avoid damage to existing plants. Any modification to layout should be made to remain in keeping with the designated spacing for each plant, as listed on the planting plan.
- 5) Apply a circular wood chip mulch ring to each plant, four-inches thick and extending at least to the drip-line of the plant. The space adjacent to the base of the trunk/stem of each plant should be left mulch-free.
- 6) A temporary irrigation system should be installed to cover the entire planted area. The system may be run from hoses from the water supply for the home. The system will only be required for Year One, from June 1 through September 30.

### **Assurance Device**

If requested, an assurance device will be submitted to the City in accordance with LUC 20.40.490 to ensure that elements of this plan are fully implemented.

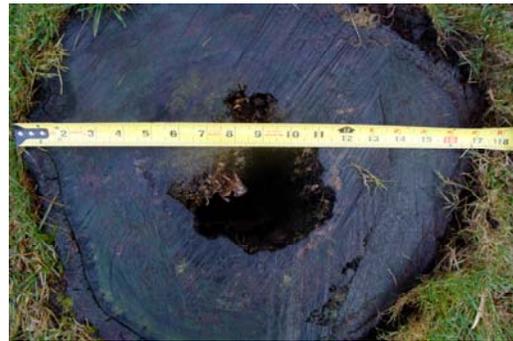




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## Cherberg Property Exhibit A

Tree 1:



Tree 2:



Tree 3:



# Exhibit B

Date: Wed, 7 Jan 2009 22:05:13 -0800  
From: lumberjacks1964@yahoo.com  
Subject: Re: birch tree  
To: can-cherberg@q.com

Les Edwards, owner and operator of Lumberjacks Tree Service-This is my professional opinion in regards to the Cherbergs birch tree, by the waterfront-My opinion-is 25 five years of in the business of tree service-I found decay, which started in the root ball and worked its way up the stem, to about three ft. above the root ball-the wood samples indicated, a codominant top-which had included bark-a weak point, at the union of the where the stems join together-This tree in my opinion was on the decline-and was a candidate to be condemned-any questions please call Les E owner at 425-345-8733.



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## Cherberg Property Exhibit C



03/12/2009

Cherberg Shoreline Restoration  
Project SEPA Checklist  
3229 106th Ave SE

City of Bellevue Submittal Requirements

**ENVIRONMENTAL**

SEPA Checklist Reviewed By:  
David Pyle, Land Use Planner  
425-452-2973 - dpyle@bellevuewa.gov

If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call the Permit Center (425-452-6864) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 to 4). Our TTY number is 425-452-4636.

**BACKGROUND INFORMATION**

Property Owner: **James Cherberg**

Proponent: **James Cherberg**

Contact Person: **Nicole Mecum**

(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: **1375 NW Mall Street Suite 3, Issaquah, WA 98027**

Phone: **(425) 313-1078**

Proposal Title: **Cherberg Property**

Proposal Location: **3229 106<sup>th</sup> Ave SE**

(Street address and nearest cross street or intersection) Provide a legal description if available.

**ENATAI WATERFRONT ADD UNREC NWLY 10 FT OF 8 & 9**

Please attach an 8 1/2" x 11" vicinity map that accurately locates the proposal site. **See Figure 1: Vicinity Map**

Give an accurate, brief description of the proposal's scope and nature:

1. General description: **Shoreline restoration and mitigation for the removal of three trees located within the Lake Washington shoreline buffer.**

2. Acreage of site: **.75 Acres**

3. Number of dwelling units/buildings to be demolished: **N/A**

4. Number of dwelling units/buildings to be constructed: **0**

5. Square footage of buildings to be demolished: **N/A**

6. Square footage of buildings to be constructed: **N/A**

7. Quantity of earth movement (in cubic yards): **Cut / Fill = 10 +/- CY**

8. Proposed land use: **single family residential (R-3.5)**

9. Design features, including building height, number of stories and proposed exterior materials:  
**N/A**

10. Other

This is an application for Shoreline Substantial Development Permit and Critical Areas Land Use Permit to authorize the installation of shoreline restoration planting to resolve the illegal removal of three trees along the shoreline of Lake Washington.

Cut and fill will be limited to the installation of restoration plantings. Estimated to be less than 1 CY.

Estimated date of completion of the proposal or timing of phasing:

**Summer 2009**

Possibly Fall 2009 after plants are dormant.

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

The property owner has applied for a short subdivision. See file 08-132654-LN.

**Yes, proposed development will eventually include subdivision of the existing site into 2 single family lots with construction of a new single family residence.**

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

Critical areas report and restoration plan have been provided. See file.

**A geotechnical report was prepared by Icicle Creek Engineers on January 7, 2008.**

Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. List dates applied for and file numbers, if known.

**Yes, there is currently an application for a preliminary short plat under review with the City of Bellevue.**

The property owner has applied for a short subdivision. See file 08-132654-LN.

List any government approvals or permits that will be needed for your proposal, if known. If permits have been applied for, list application date and file numbers, if known.

Shoreline Substantial Development Permit is required.

**Critical Areas Land Use Permit  
Clearing & Grading in a Critical Area**

Please provide one or more of the following exhibits, if applicable to your proposal.  
(Please check appropriate box(es) for exhibits submitted with your proposal):

- Land Use Reclassification (rezone) Map of existing and proposed zoning
- Preliminary Plat or Planned Unit Development  
Preliminary plat map
- Clearing & Grading Permit  
Plan of existing and proposed grading  
Development plans
- Building Permit (or Design Review)  
Site plan  
Clearing & grading plan
- Shoreline Management Permit  
Site plan

**A. ENVIRONMENTAL ELEMENTS**

**1. Earth**

The property does not contain areas that are classified as steep slope critical areas.

- a. General description of the site:  Flat  Rolling  Hilly  Steep slopes  Mountains  Other
- b. What is the steepest slope on the site (approximate percent slope)? **>50%**
- c. What general types of soil are found on the site (for example, clay, sand, gravel, peat, and muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

**Everett Alderwood Gravelly Sandy Loam (EwC) per King Coutny SCS mapping. There is no prime farmland on the site.**

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

**None known.**

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

**Approximately 10+/- cy of minor earth disturbance associated with plantings and restoration.**

Cut and fill will be limited to the installation of restoration plantings. Estimated to be less than 1 CY.

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

**Yes, some erosion will occur during construction, erosion will be controlled.**

Yes, erosion could occur during construction. Erosion control BMP's must be applied during construction.

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

**The initial proposal does not include additional impervious surface. Future improvements will not exceed the impervious surface allowed by City of Bellevue Land Use Code.**

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

No expansion of impervious surface is proposed or allowed as part of this project.

**Re-vegetate exposed soils.**

## 2. AIR

Erosion control BMP's must be applied during construction.

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

**Dust, auto emissions**

Vehicle and small equipment emissions are controlled by the State.

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 the air, if any:

**None at this time.**

## 3. WATER

a. Surface

(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.

**Yes, the property is bound on the southwest by 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.

See attached site plans.

**Yes, the proposal includes restoration and mitigation for the removal of 3 trees within the shoreline buffer.**

(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.

**N/A**

No fill is allowed and no fill is proposed.

- (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, according to King County iMap, this site does not lie within a 100 year floodplain.**

The subject site is not within a FEMA regulatory floodplain.

- (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

- (1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description.

**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.

**Not applicable.**

c. Water Runoff (Including storm water)

- (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.

**The proposal will not increase storm water runoff.**

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

**Unknown**

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

**This system will be reviewed for compliance with BCC 24.06.130, Surface Water Engineering Standards.**

No storm drainage systems will be constructed in association with this permit.

#### 4. Plants

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

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: cattail, buttercup, bulrush, 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?

**Three birch trees have already been removed. Proposed restoration and mitigation plans include removal of non-native vegetation (e.g. bamboo and iris) and other non-native trees and plants upland of the bulkhead.**

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

**None known.**

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

**Removal of non-native vegetation will be replaced with an equivalent amount of vegetated space to replace and restore shoreline function of the trees. Vegetation will consist of native trees and plantings as prescribed in the City of Bellevue Critical Areas Handbook.**

#### 5. ANIMALS

a. Check or circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

- Birds: hawk, heron, eagle, songbirds, other
- Mammals: deer, bear, elk, beaver, other:
- Fish: bass, salmon, trout, herring, shellfish, other:

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

**None known**

Review of the WDFW PHS Database indicates there are documented Bald Eagle nests within a mile of the subject property. Lake Washington provides habitat to numerous fish species including Chinook Salmon, Coho Salmon, and Bull Trout.

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

**Not that is known.**

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

**None at this time.**

See item 4.d above.

## 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 need? Describe whether it will be used for heating, manufacturing, etc.

**The proposal does not require any additional energy resources.**

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

**Not that is known.**

- c. What kinds of energy conservation features are included in the plans of the proposal? List other proposed measures to reduce or control energy impacts, if any:

**None at this time.**

## 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.

**No environmental hazards are expected.**

- (1) Describe special emergency services that might be required

**The proposal will not require any special emergency services.**

- (2) Proposed measures to reduce or control environmental health hazards, if any.

**None at this time.**

- b. Noise

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

**No significant noise impacts are expected.**

Noise is regulated by City of  
Bellevue Code Section 9.18.

- (2) What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example, traffic, construction, operation, other)? Indicate what hours noise would come from the site.

**Construction per City of Bellevue noise ordinance.**

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

**Observe City of Bellevue noise ordinance hours.**

## 8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?

**Single family residential. The adjacent properties are all existing residential properties. The site is bound on the northeast by 106<sup>th</sup> Ave SE and on the southwest by Lake Washington.**

No change in land use is proposed.

- b. Has the site been used for agriculture? If so, describe.

**No**

- c. Describe any structures on the site.

**One single family residence and garage.**

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

**No.**

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

**R-3.5, 10,000 sq ft per lot**

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

**Single-Family Medium (SF-M)**

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

**Lake Washington**

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

**The site is located adjacent to Lake Washington. A portion of the site is therefore designated as a critical area shoreline buffer.**

- i. Approximately how many people would reside or work in the completed project?

**1 existing residence/family**

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

**The existing home and its residents will not be displaced.**

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

**N/A.**

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

**Meets land use code and comprehensive plan designation.**

## 9. Housing

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

**No additional housing units are proposed under this proposal.**

- 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 at this time.**

## 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?

**N/A.**

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

**None known.**

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

**N/A.**

## 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 impact expected.**

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

**None known.**

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

**None at this time.**

## 12. Recreation

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

**Enatai Beach Park, Mercer Slough Nature Park**

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 at this time.**

### 13. Historic and Cultural Preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

**Not that is known.**

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

**N/A**

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

**None**

### 14. Transportation

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

**The existing site is accessed off of 106<sup>th</sup> Ave SE. The proposal will not affect access.**

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

**Public transit is currently located along 106<sup>th</sup> Ave SE with a bus stop located approximately 0.01 mile from the projects site at SE 32<sup>nd</sup> St.**

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

**The proposal does not include parking modifications.**

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

**No.**

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

**Not that is known.**

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

**Vehicular trips will not be affected.**

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

**None**

**15. Public Services**

- a. Would the project result in an increased need for the public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

**No.**

- b. Proposed measures to reduce or control direct impacts on public services, if any.

**N/A**

**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.

**Storm water (connect to existing system) in addition to those listed above**

**Water: City of Bellevue**

**Sewer: City of Bellevue**

**Cable: Comcast**

**Phone: Qwest**

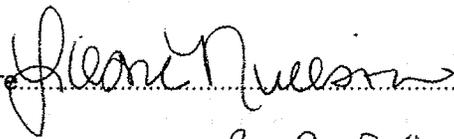
**Refuse: Allied Waste**

**Electricity/Gas: PSE**

**Signature**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

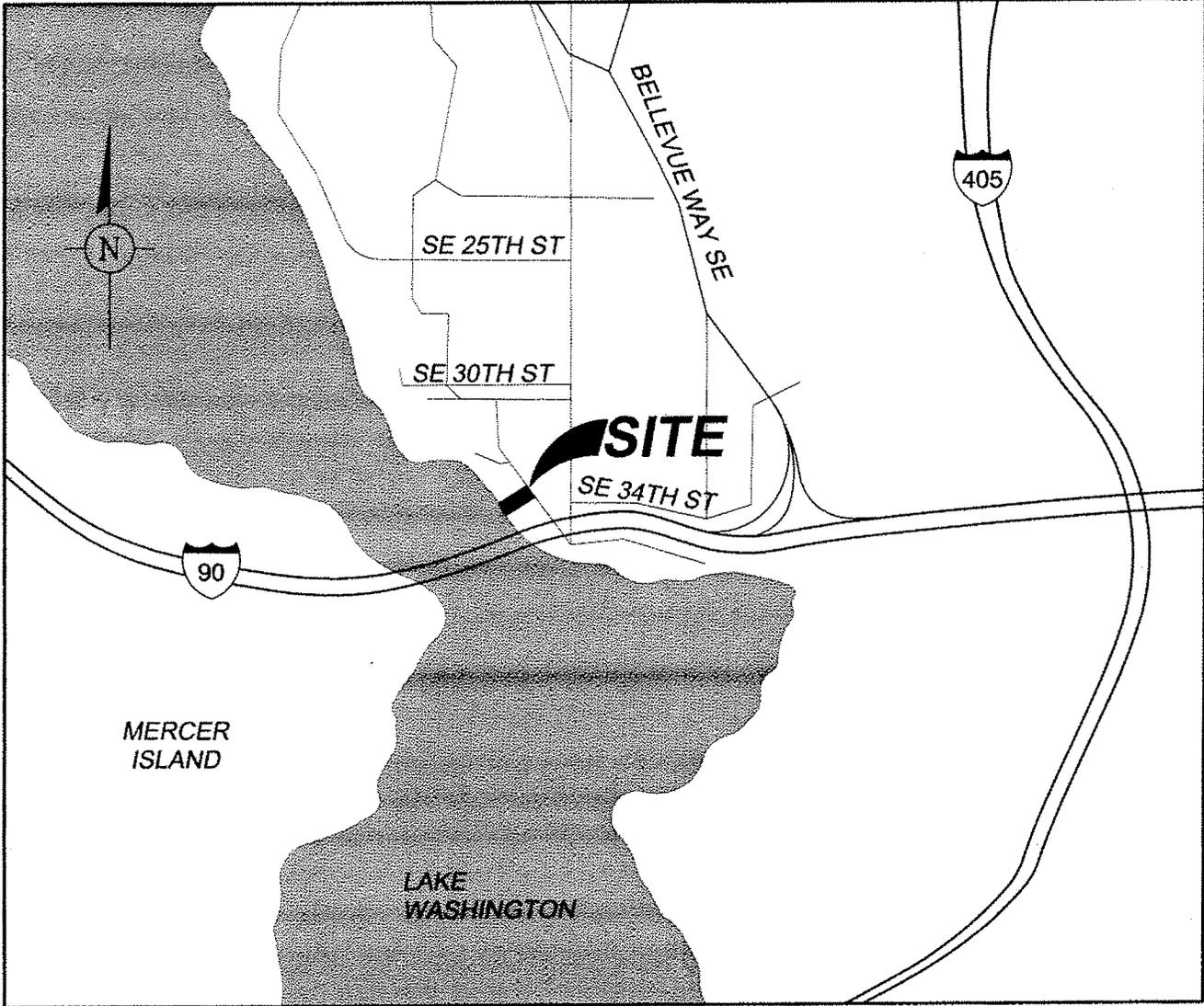
Signature



Date Submitted

3-3-09





CHERBERG SHORELINE RESTORATION  
 VICINITY MAP



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DWN. BY: HDO	DATE: 2/17/09	JOB NO. MIS-015
CHKD. BY: N. MECUM	SCALE: NTS	FIGURE 1