



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. 16-126310-WE

Project Name/Address: COB Parks Newcastle Beach Park Dock and Boat Launch Repair at 4400 Lake Washington Blvd. SE

Planner: Reilly Pittman

Phone Number: 425-452-4350

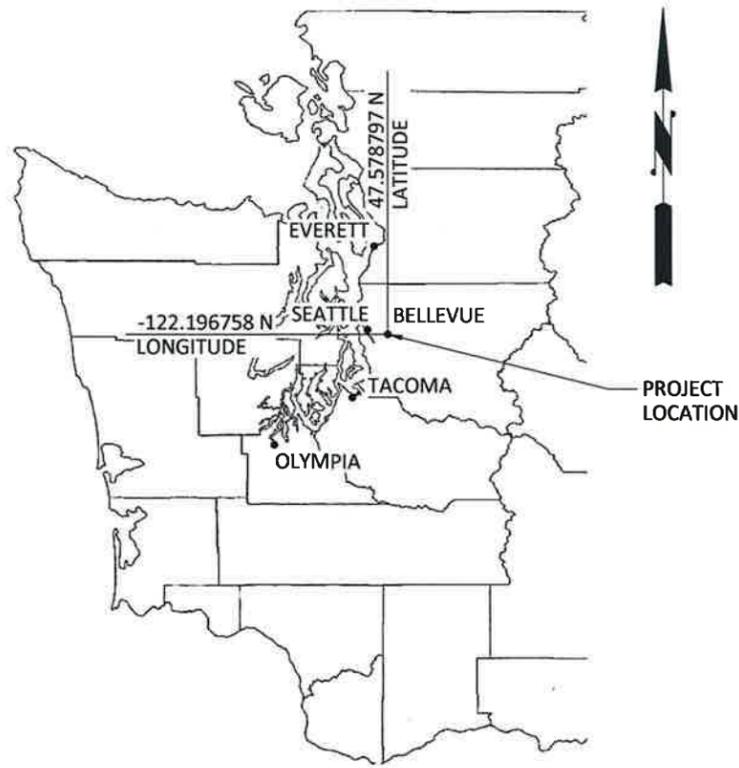
**Minimum Comment Period:** April 21, 2016

Materials included in this Notice:

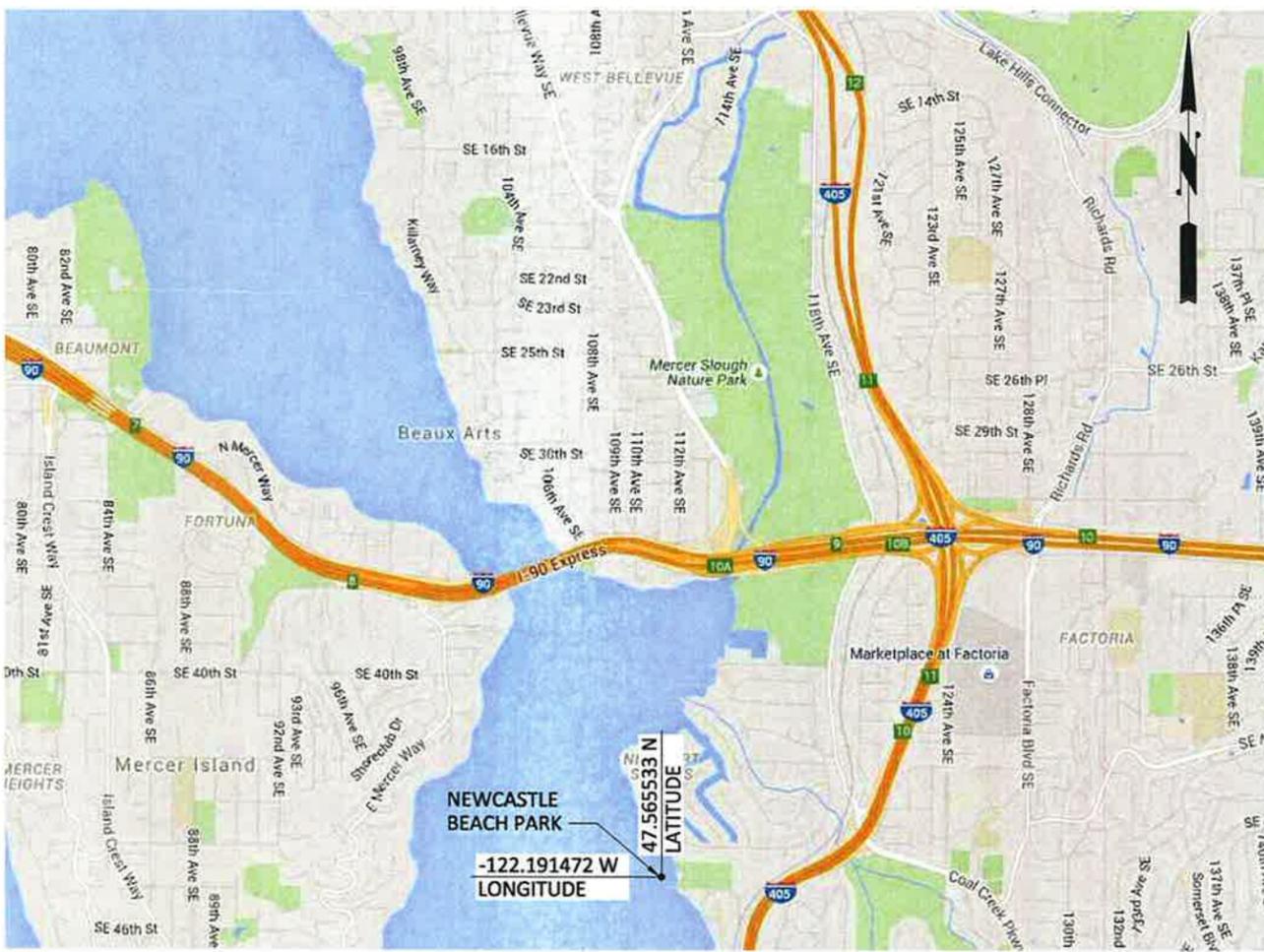
- Blue Bulletin
- Checklist
- Vicinity Map
- Plans
- Other:

**OTHERS TO RECEIVE THIS DOCUMENT:**

- State Department of Fish and Wildlife / [Sterwart.Reinbold@dfw.gov](mailto:Sterwart.Reinbold@dfw.gov); [Christa.Heller@dfw.wa.gov](mailto:Christa.Heller@dfw.wa.gov);
- State Department of Ecology, Shoreline Planner N.W. Region / [Jobu461@ecy.wa.gov](mailto:Jobu461@ecy.wa.gov); [sepaunit@ecy.wa.gov](mailto:sepaunit@ecy.wa.gov)
- Army Corps of Engineers [Susan.M.Powell@nws02.usace.army.mil](mailto:Susan.M.Powell@nws02.usace.army.mil)
- Attorney General [ecyolyef@atg.wa.gov](mailto:ecyolyef@atg.wa.gov)
- Muckleshoot Indian Tribe [Karen.Walter@muckleshoot.nsn.us](mailto:Karen.Walter@muckleshoot.nsn.us); [Fisheries.fileroom@muckleshoot.nsn.us](mailto:Fisheries.fileroom@muckleshoot.nsn.us)



**AREA MAP**  
NOT TO SCALE



**VICINITY MAP**  
NOT TO SCALE

**PURPOSE:** Maintenance of Existing Waterfront Structures at NEWCASTLE BEACH PARK, REPLACE TIMBER IN BULKHEAD, FILL UNDERMINED BULKHEAD, AND TIGHTEN BOLTS

**DATUM:** OHW = 18.8 FT. NAVD88

**ADJACENT PROPERTY OWNERS:**  
1) ROBERT & THERESA FOULON

**SITE PROPERTY OWNER:**  
City of Bellevue

**NEWCASTLE BEACH PARK  
AREA AND VICINITY MAP**

**CITY OF BELLEVUE PARKS  
MAINTENANCE  
AND REPAIRS**

**CITY OF BELLEVUE  
PARKS AND COMMUNITY SERVICES  
450 110TH AVE NE  
BELLEVUE, WA 98009**

**Township:** 24 N  
**Range:** 5 E  
**Section:** 17

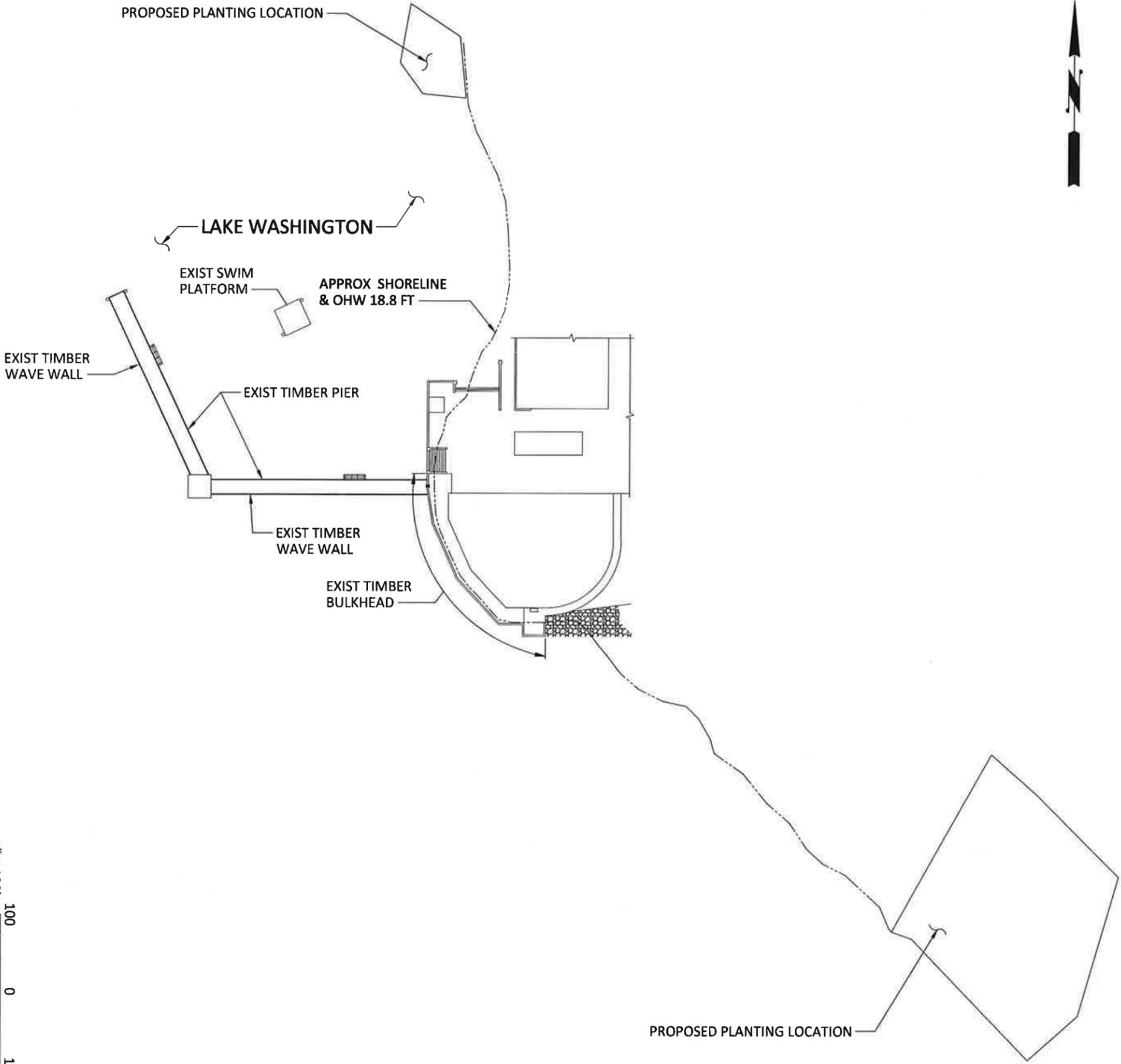
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**Longitude:** -122.191472 W

**USACE Reference No:**  
**IN:** Lake Washington  
**AT:** Bellevue

**COUNTY:** King  
**APPLICATION BY:** City of Bellevue  
**SHEET:** 1 OF 5      **DATE:** 2/23/16

Received  
 MAR - 7 2015  
 Permit Processing

Received  
MAR 7 2015  
Permit Process



**PURPOSE:** Maintenance of Existing Waterfront Structures at NEWCASTLE BEACH PARK, REPLACE TIMBER IN BULKHEAD, FILL UNDERMINED BULKHEAD, AND TIGHTEN BOLTS

**DATUM:** OHW = 18.8 FT. NAVD88

**ADJACENT PROPERTY OWNERS:**  
1) ROBERT & THERESA FOULON

**SITE PROPERTY OWNER:**  
City of Bellevue

**NEWCASTLE BEACH PARK  
PLAN - PROPOSED PLANTING**

**CITY OF BELLEVUE PARKS  
MAINTENANCE  
AND REPAIRS**

**CITY OF BELLEVUE  
PARKS AND COMMUNITY SERVICES  
450 110TH AVE NE  
BELLEVUE, WA 98009**

Township: 24 N  
Range: 5 E  
Section: 17

Latitude: 47.565533 N  
Longitude: -122.191472 W

USACE Reference No:

IN: Lake Washington  
AT: Bellevue  
COUNTY: King

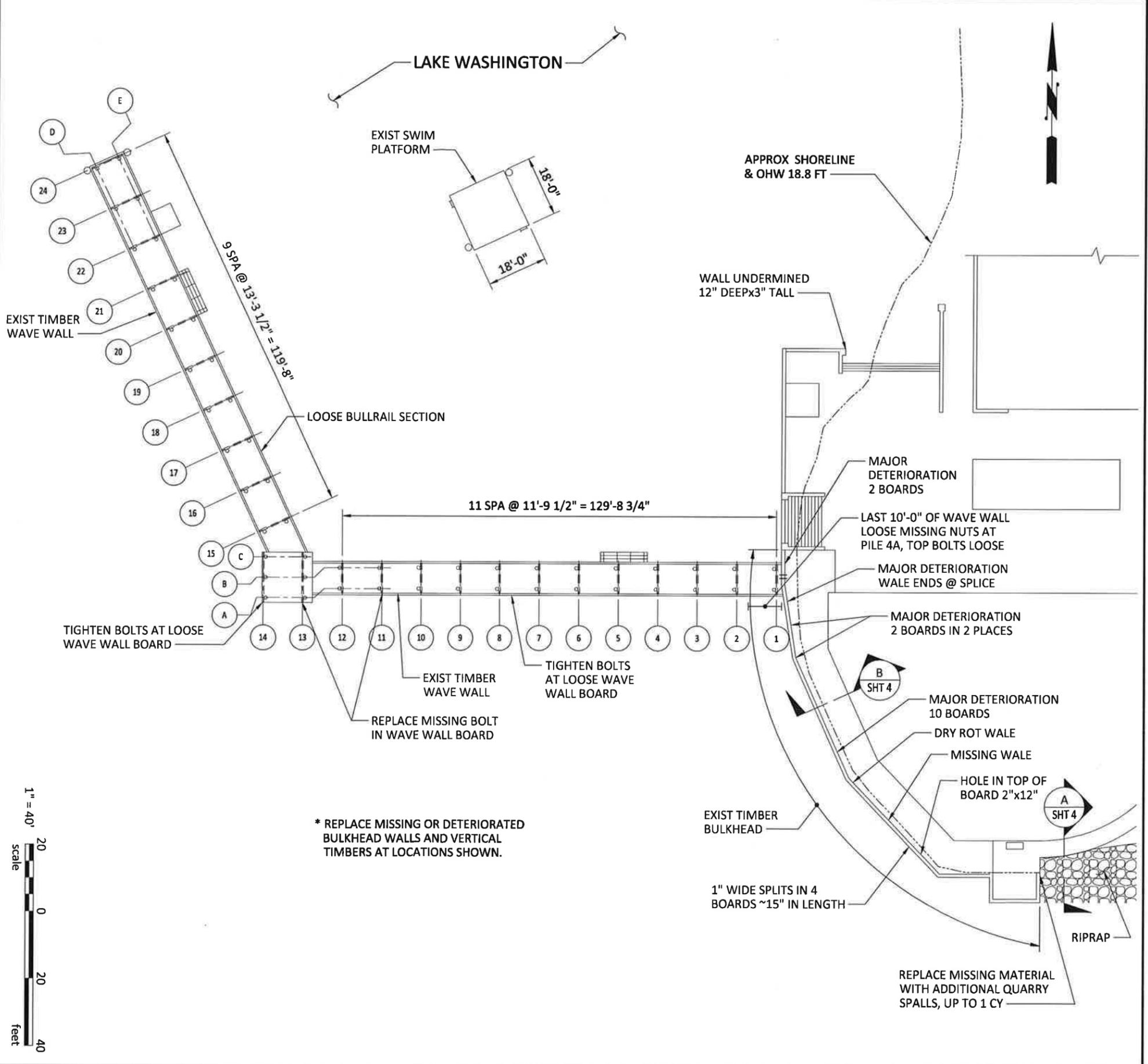
APPLICATION BY: City of Bellevue  
SHEET: 5 OF 5 DATE: 2/23/16

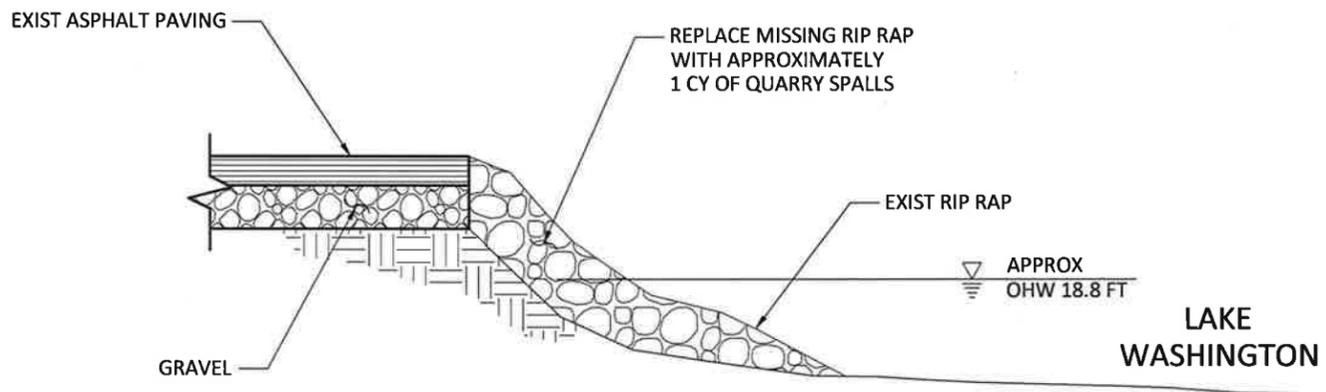
Received  
 MAR 7 2015  
 Permit Processing

**PURPOSE:** Maintenance of Existing Waterfront Structures at  
 NEWCASTLE BEACH PARK, REPLACE TIMBER IN BULKHEAD,  
 FILL UNDERMINED BULKHEAD, AND TIGHTEN BOLTS  
**DATUM:** OHW = 18.8 FT. NAVD88  
**ADJACENT PROPERTY OWNERS:**  
 1) ROBERT & THERESA FOULON  
**SITE PROPERTY OWNER:**  
 City of Bellevue

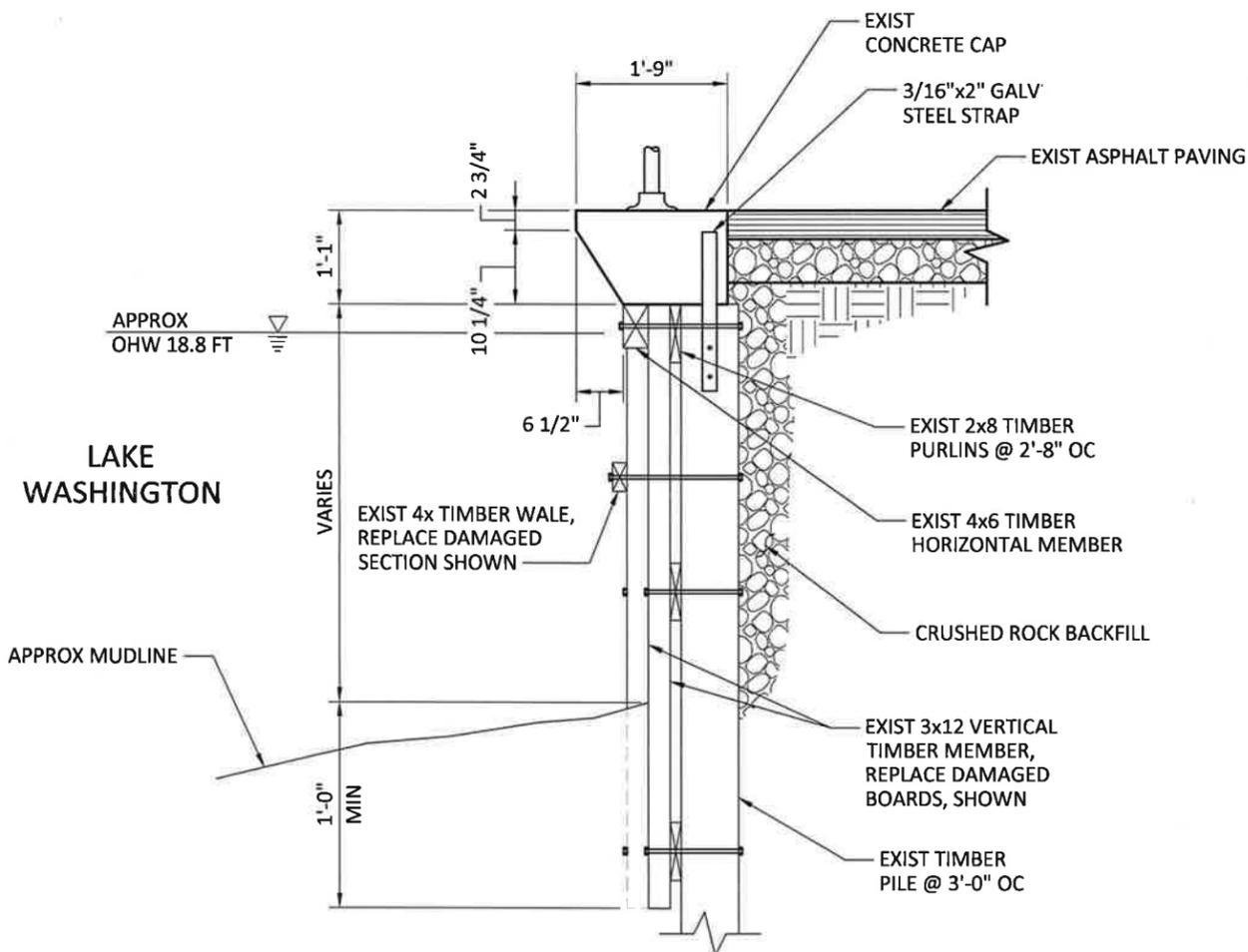
**NEWCASTLE BEACH PARK  
 PLAN - EXISTING CONDITIONS  
 & PROPOSED REPAIRS**  
**CITY OF BELLEVUE PARKS  
 MAINTENANCE  
 AND REPAIRS**  
**CITY OF BELLEVUE  
 PARKS AND COMMUNITY SERVICES**  
 450 110TH AVE NE  
 BELLEVUE, WA 98009

**Township:** 24 N  
**Range:** 5 E  
**Section:** 17  
**Latitude:** 47.565533 N  
**Longitude:** -122.191472 W  
**USACE Reference No:**  
**IN:** Lake Washington  
**AT:** Bellevue  
**COUNTY:** King  
**APPLICATION BY:** City of Bellevue  
**SHEET:** 3 OF 5 **DATE:** 2/23/16

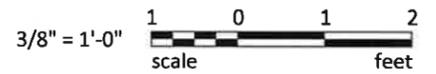




**A**  
SHT 3  
**SECTION**



**B**  
SHT 3  
**SECTION**



File: Q:\Federal\Way\2015\A15.00330\1\CADD\Drawings\Jarpa\Sites\_Park\_Beaches\Newcastle Beach Park\INC\_FIG\_04.dwg  
Last Saved by: Jason.mendenhall on: Jan 7, 2016 3:11 PM

**PURPOSE:** Maintenance of Existing Waterfront Structures at NEWCASTLE BEACH PARK, REPLACE TIMBER IN BULKHEAD, FILL UNDERMINED BULKHEAD, AND TIGHTEN BOLTS

**DATUM:** OHW = 18.8 FT. NAVD88

**ADJACENT PROPERTY OWNERS:**  
1) ROBERT & THERESA FOULON

**SITE PROPERTY OWNER:**  
City of Bellevue

**NEWCASTLE BEACH PARK  
SECTION - PROPOSED REPAIRS**

**CITY OF BELLEVUE PARKS  
MAINTENANCE  
AND REPAIRS**

**CITY OF BELLEVUE  
PARKS AND COMMUNITY SERVICES  
450 110TH AVE NE  
BELLEVUE, WA 98009**

**Township:** 24 N  
**Range:** 5 E  
**Section:** 17

**Latitude:** 47.565533 N  
**Longitude:** -122.191472 W

**USACE Reference No:**  
**IN:** Lake Washington  
**AT:** Bellevue

**COUNTY:** King  
**APPLICATION BY:** City of Bellevue  
**SHEET:** 4 OF 5      **DATE:** 2/23/16

## SEPA ENVIRONMENTAL CHECKLIST

Received

MAR - 7 2015

Permit Processing

### **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:** [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

## **A. Background** [\[help\]](#)

1. Name of proposed project, if applicable: [\[help\]](#)  
City of Bellevue: Newcastle Beach Park Maintenance and Repairs for Dock Structures
2. Name of applicant: [\[help\]](#)  
City of Bellevue, Parks and Community Services Department  
Bret Wilson, Capital Project Coordinator

3. Address and phone number of applicant and contact person: [\[help\]](#)  
450 110th Ave NE, PO Box 90012, Bellevue, WA 98009  
Applicant: Bret Wilson (Capital Project Coordinator); 425-452-2932  
Authorized Agent: Victoria R. England, BergerABAM, 206-357-5621
4. Date checklist prepared: [\[help\]](#)  
18 February 2016
5. Agency requesting checklist: [\[help\]](#)  
City of Bellevue Land Use Division
6. Proposed timing or schedule (including phasing, if applicable): [\[help\]](#)  
July 2016 through December 2017
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [\[help\]](#)  
No
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [\[help\]](#)  
Joint Aquatic Resources Permit Application (JARPA), U.S. Army Corps of Engineers (USACE) Special Project Information Form programmatic biological evaluations, City of Bellevue Shoreline Development Exemption request
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. [\[help\]](#)  
No
10. List any government approvals or permits that will be needed for your proposal, if known. [\[help\]](#)  
USACE Nationwide Permit #3 for Maintenance, 401 Water Quality Certification, City of Bellevue Shorelines Exemption, Endangered Species Act consultation, Washington Department of Fish & Wildlife (WDFW) Hydraulic Project Approval
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.) [\[help\]](#)  
The project includes repair and maintenance of swimming dock/pier facilities at Newcastle Beach Park. The repairs specific to the site are summarized below and in the attached Sheets 1 through 4. The dock facilities at the City park require regular maintenance and repairs. The observations recorded during condition surveys completed by BergerABAM in 2014 indicate that a variety of repairs should be completed at the site to keep it in good working condition for public use.

The following summarizes the existing conditions and proposed maintenance and repairs at the site.

**Timber Bulkhead:** The condition of the timber bulkhead varies based on its age. The wall was constructed in two parts with the newer addition constructed in 1987 (repaired in 2008) and the original sections of the wall constructed at some point prior to 1987.

**1987 Portion of the Bulkhead:** The newer sections of the bulkhead are in good condition. A minor loss of material was observed near the riprap on the southeast corner of the newer portion of the wall (Sheet 3).

The conditions requiring maintenance and repair on the older sections of the bulkhead include the following

- One section of wale at the top of the bulkhead is missing an approximately 8-foot 6-inch piece, 11 feet from the corner.
- Many of the tieback rods have crushed the wales due to fungal-induced decay (dry rot) in the wale.
- In several locations beneath and south of the pier, there are vertical ~~seawall~~bulkhead timbers that are very deteriorated to the extent that material or timber lagging behind the boards is visible.

**Pier:** The pier is in generally good condition. The conditions requiring maintenance and repair on the pier include the following.

- Pile 14A has some minor mechanical damage around the wale dap and an open bolt hole.
- At the wave wall, a few of the boards are loose; some of the lag bolts have backed out and are missing or have loosened.
- The steel fender pile is showing some small areas of corrosion where the original protective coating has been worn through.
- There is minor deterioration of the bullrail and decking, and a few of the decking spikes are protruding.

**Swim Float:** The conditions requiring maintenance and repair on the swim float include the following

- The guide piles for the float are showing excessive wear from the galvanized steel pile guide.
- The swim float ladders are corroding, with the more extensive corrosion observed on the south side ladder.

The proposed actions to maintain this facility in good condition are as follows.

- Replace the deteriorated vertical timbers on the bulkhead. During this process, inspection of visible timber piles behind the wall will be performed to determine their condition.
  - Replace the missing and deteriorated wales on the bulkhead with 4-inch by 6-inch ACZA-treated timbers.
  - Tighten or replace loose bolts on bulkhead and wave wall on the pier.
  - Place additional riprap near the southeast corner of the bulkhead.
  - Replace the loose nails at bulkhead corners.
  - Replace deteriorated deck surface timbers with untreated timber or other untreated material, as needed, over the duration of the permit.
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. [\[help\]](#)

4400 Lake Washington Boulevard SE, Bellevue, WA 98004  
Township 24 North, Range 5 East, NE ¼ of Section 17  
47.565533 N lat/ -122.191472 W long  
Parcels 172405-9004 and 1724059-0438

## B. Environmental Elements [\[help\]](#)

### 1. Earth [\[help\]](#)

#### a. General description of the site: [\[help\]](#)

The project area is a small portion of the public Newcastle Beach Park shown on Sheets 1 through 4. The project area includes the swimming pier and float and associated shoreline. The upland portion of the site has grass and low park vegetation with a forested area to the south and southeast and trees on the north side of the swim area. A paved walkway and two park buildings occupy the nearshore upland.

The shoreline is armored by a bulkhead, including concrete steps. A sandy swimming beach is located to the north. Aquatic vegetation was not observed in the project area during the 2014 site survey.

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other shoreline \_\_\_\_\_

#### b. What is the steepest slope on the site (approximate percent slope)? [\[help\]](#)

The concrete portion of the shoreline has a vertical face.

- 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. [\[help\]](#)

The mudline is sand and gravel.

- d. describe. [\[help\]](#)

No.

- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [\[help\]](#)

Not applicable.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [\[help\]](#)

No.

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

Not applicable.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [\[help\]](#)

Not applicable.

***Earth work regulated by BCC 23.76,  
construction BMPs and C&G standards***

## 2. Air [\[help\]](#)

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [\[help\]](#)

Emissions associated with the project will consist of automobile emissions of the workers driving to and from work and the short-term emissions from operation of a small excavator during riprap placement. These emissions will be relatively minor and short in duration and are commensurate to the emissions from traffic currently around the site.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. [\[help\]](#)

No.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: [\[help\]](#)

Not applicable.

## 3. Water [\[help\]](#)

- 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. [\[help\]](#)

Yes. The work will occur in and at the shoreline of 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. [\[help\]](#)

Yes. The proposed project maintenance and repair activities will be completed as described below and shown in Sheets 1 through 4.

The proposed project maintenance and repair activities will be completed as described below and shown in Sheets 1 through 4.

The proposed actions to maintain this facility in good condition are as follows.

- Replace the deteriorated vertical timbers on the bulkhead. During this process, inspection of visible timber piles behind the wall will be performed to determine their condition.
- Replace the missing and deteriorated wales on the bulkhead.
- Tighten loose bolts on bulkhead and wave wall on the pier.
- Place less than 1 cubic yard of additional riprap near the southeast corner of the bulkhead.
- Replace the loose nails at bulkhead corners.
- Replace 10 percent or fewer deteriorated deck surface timbers with untreated timbers or other untreated material over the duration of the permit. A maximum of 27 timbers will be replaced over the five-year duration of the permit with no more than 6 deck surface timbers replaced in a given year.
- Hand tools will be used to tighten bolts and replace nails. This work will be completed from the upland or from the top of the pier.
- Riprap that has fallen away into the lake from near the southeast corner of the bulkhead will be gathered and replaced on the shoreline from where it originated. This portion of riprap will be gathered and placed by hand. Less than 1 cubic yard of additional 12-inch riprap will be placed near the southeast corner of the bulkhead to replace missing shoreline protection. This material will be placed using a small excavator operated from shore.
- Approximately 20 deteriorated 3- by 12-inch ACZA-treated bulkhead timbers will be replaced using ACZA-treated timbers of the same dimensions. The bulkhead repairs will require removal of the wale to access the vertical timbers, followed by replacement of both as needed.
- The surface deck timbers will be replaced with untreated timbers or other untreated material that will be installed by hand from the deck of the pier.
- Debris (e.g., concrete pieces, garbage, etc.) measuring greater than 6 inches in diameter will be removed as feasible from the swim area mudline. Up to five

**Proposed work  
subject to LUC  
20.25E.080.N.4**

native trees and seven native shrubs (total) will be planted near the shoreline to the north of the swim area and to the south of the bulkhead. Bird-deterrent devices will be installed on the pile at the end of the pier and the two float piles. These devices will be installed from a small boat or the structure using hand tools.

- 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. [\[help\]](#)

Riprap that has fallen away into the lake from near the southeast corner of the bulkhead will be gathered and replaced on the shoreline from where it originated. This portion of riprap will be gathered and placed by hand. Less than 1 cubic yard of additional 12-inch, clean, washed riprap will be placed near the southeast corner of the bulkhead to replace missing shoreline protection. This material will be placed using a small excavator operated from shore. The riprap will be obtained from an approved commercial source.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [\[help\]](#)

No.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [\[help\]](#)

Yes. The work will occur in and adjacent to the water of Lake Washington.

- 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. [\[help\]](#)

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. [\[help\]](#)

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. [\[help\]](#)

Not applicable.

- 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. [\[help\]](#)  
Not applicable.
  - 2) Could waste materials enter ground or surface waters? If so, generally describe. [\[help\]](#)  
No.
  - 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. [\[help\]](#)  
No.
- d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: [\[help\]](#)  
Not applicable.

#### 4. Plants [\[help\]](#)

- a. Check the types of vegetation found on the site: [\[help\]](#)

The upland portion of the site has grass and low park vegetation with a forested area to the south and southeast and trees on the north side of the swim area. A paved walkway and two park buildings occupy the nearshore upland.

The shoreline is armored by a bulkhead, including concrete steps. A sandy swimming beach is located to the north. The mudline is sand and gravel. Aquatic vegetation was not observed in the project area during the 2014 site survey.

- deciduous tree: alder, maple, aspen, other  
 evergreen tree: fir, cedar, pine, other  
 shrubs  
 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? [\[help\]](#)  
None.
- c. List threatened and endangered species known to be on or near the site. [\[help\]](#)  
Not applicable.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: [\[help\]](#)

Approximately five native trees and seven native shrubs will be planted near the shoreline to the north of the swim area and to the south of the bulkhead.

- e. List all noxious weeds and invasive species known to be on or near the site. [\[help\]](#)  
No noxious weeds or invasive plant species are known to be on or near the site.

**5. Animals [\[help\]](#)**

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. [\[help\]](#)

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. [\[help\]](#)

Species Listed or Proposed for Listing under the ESA Occurring in Project Area

Species Name				
Common Name	Scientific Name	ESU or DPS*	ESA Listing Status	Critical Habitat
Chinook Salmon	<i>Oncorhynchus tshawytscha</i>	Puget Sound	Threatened (NMFS)	Designated
Coho salmon	<i>Oncorhynchus kisutch</i>	Puget Sound/Strait of Georgia	Species of Concern (NMFS)	-NA-
Steelhead	<i>Oncorhynchus mykiss</i>	Puget Sound	Threatened (NMFS)	Proposed, but not in action area
Bull Trout	<i>Salvelinus Confluentus</i>	Columbia River	Threatened (USFWS)	Designated

\*ESU=Evolutionarily Significant Unit; DPS=Distinct Population Segment

The following table summarizes ESA-listed species that are unlikely to be present in the project area.

Species Listed but Not Likely to be in the Project Area

Species Name		ESA Listing Status
Common Name	Scientific Name	
Marbled murrelet	<i>Brachyramphus marmoratus</i>	Threatened (USFWS)
Streaked horned lark	<i>Eremophila alpestris strigata</i>	Threatened (USFWS)
Yellow-billed Cuckoo (Western DPS)	<i>Coccyzus americanus</i>	Threatened (USFWS)
Canada lynx	<i>Lynx Canadensis</i>	Threatened (USFWS)
Gray wolf	<i>Canis lupus</i>	Proposed (USFWS)
Golden paintbrush	<i>Castilleja levisecta</i>	Threatened (USFWS)



The following species and/or habitat is listed by WDFW as Priority Habitats and Species in the project area.

Priority Species Name		Priority Habitat Listing
Common Name	Scientific Name	Newcastle
Chinook Salmon	<i>Oncorhynchus tshawytscha</i>	Migration (Fall, mapped as central channel between Mercer Island and Bellevue)
Coho salmon	<i>Oncorhynchus kisutch</i>	Migration (mapped as central channel between Mercer Island and Bellevue)
Steelhead	<i>Oncorhynchus mykiss</i>	Migration (Winter, mapped as central channel between Mercer Island and Bellevue)
Dolly Varden/ Bull Trout	<i>Salvelinus malma</i>	Breeding (mapped as central channel between Mercer Island and Bellevue)
Sockeye	<i>Oncorhynchus nerka</i>	Migration (mapped as central channel between Mercer Island and Bellevue)
Kokanee	<i>Oncorhynchus nerka</i>	Migration (mapped as central channel between Mercer Island and Bellevue)
Cutthroat	<i>Oncorhynchus clarki</i>	Migration (mapped as central channel between Mercer Island and Bellevue)

- c. Is the site part of a migration route? If so, explain. [\[help\]](#)  
 The central channel of Lake Washington between Mercer Island and Bellevue is listed as a migration route of Chinook and Coho salmon, steelhead, Dolly Varden/Bull Trout, Sockeye, Kokanee, and Cutthroat.
- d. Proposed measures to preserve or enhance wildlife, if any: [\[help\]](#)  
 Not applicable.
- e. List any invasive animal species known to be on or near the site. [\[help\]](#)  
 There are no known invasive animal species present at or near the site.

**6. Energy and Natural Resources [\[help\]](#)**

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. [\[help\]](#)  
 Fuel to operate equipment and vehicles will be used.
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [\[help\]](#)  
 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: [\[help\]](#)  
 Not applicable.

**7. Environmental Health [\[help\]](#)**

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. [\[help\]](#)  
 It is possible but unlikely that fuel or lubricants from the construction equipment could enter the water if the equipment were damaged. The contractor will prepare a SPCC plan to identify procedures to be implemented to avoid, minimize, and, if necessary, respond to any releases.

- 1) Describe any known or possible contamination at the site from present or past uses. [\[help\]](#)  
There are no known indicators of contamination at the site from present or past uses.
- 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. [\[help\]](#)  
Not applicable.
- 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. [\[help\]](#)  
Fuel for construction equipment may be stored on site for use during the construction activities.
- 4) Describe special emergency services that might be required. [\[help\]](#)  
Not applicable.
- 5) Proposed measures to reduce or control environmental health hazards, if any: [\[help\]](#)  
Not applicable.

b. Noise [\[help\]](#)

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? [\[help\]](#)  
The site is a public park surrounded by residential properties. Neighborhood traffic, noise from public use of the park, and boating noise from Lake Washington are all present in the area.
- 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. [\[help\]](#)  
There will be short-term construction noise from the excavator used to place the small area of riprap at the base of the ~~seawall~~ bulkhead, in addition to noise generated from hand tools. This noise and the noise resulting from worker traffic is commensurate to the existing noise levels in and around the site.
- 3) Proposed measures to reduce or control noise impacts, if any: [\[help\]](#)  
Not applicable.

**Noise is regulated by BCC 9.18**

8. Land and Shoreline Use [\[help\]](#)

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [\[help\]](#)  
The project area is a small portion of the public Newcastle Beach Park shown on Sheets 1 through 4. The project area includes the swimming pier and float and associated shoreline.

- 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? [\[help\]](#)

No.

- 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: [\[help\]](#)

No.

- c. Describe any structures on the site. [\[help\]](#)

The in-water and waterfront structures at the swim park consist of a 257-foot-long by 10-foot-wide swimming pier with outer wave wall, a timber bulkhead, and a swim float (approximately 19 feet by 19 feet). (Sheets 1 through 4)

The timber bulkhead extends for 102 feet north of the pier and 146 feet south of the pier. This wall is constructed of 12-inch-diameter ACZA-treated timber piles driven at 3 feet on center with three purlins on the outer face of the pile, and vertical fence boards covered by a wale at the top, all of which is bolted together with 1/2-inch carriage bolts.

Fifty 12-inch-diameter ACZA-treated timber piles (Bents 1 to 24) support the pier structure. The piles support longitudinal timber pile caps and transverse cross braces, which then support a longitudinal stringer and the decking. A guardrail surrounds the pier except at the locations of the swimming stairs. The guardrail posts consist of galvanized steel pipe that are lag-bolted to the bullrail. The guardrails consist of five galvanized steel pipes at 7-inch typical spacing beginning 6-3/4 inches above the top of the bullrail. An ACZA-treated timber wave fence constructed of 3x12 boards lag-bolted to the pile cap at the top is located on the outer face of the pier.

- d. Will any structures be demolished? If so, what? [\[help\]](#)

No.

- e. What is the current zoning classification of the site? [\[help\]](#)

Shoreline.

- f. What is the current comprehensive plan designation of the site? [\[help\]](#)

Public access, shoreline.

- g. If applicable, what is the current shoreline master program designation of the site? [\[help\]](#)

Public access.

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [\[help\]](#)  
Yes, as a shoreline of Lake Washington
- i. Approximately how many people would reside or work in the completed project? [\[help\]](#)  
There will be no change to the number of people working or residing in the completed project.
- j. Approximately how many people would the completed project displace? [\[help\]](#)  
None.
- k. Proposed measures to avoid or reduce displacement impacts, if any: [\[help\]](#)  
Not applicable.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [\[help\]](#)  
The site will continue to operate as a recreational park.
- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any: [\[help\]](#)  
Not applicable.

**9. Housing [\[help\]](#)**

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [\[help\]](#)  
Not applicable.
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [\[help\]](#)  
Not applicable.
- c. Proposed measures to reduce or control housing impacts, if any: [\[help\]](#)  
Not applicable.

**10. Aesthetics [\[help\]](#)**

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? [\[help\]](#)  
Not applicable.
- b. What views in the immediate vicinity would be altered or obstructed? [\[help\]](#)  
Not applicable.
- c. Proposed measures to reduce or control aesthetic impacts, if any: [\[help\]](#)  
Not applicable.

**11. Light and Glare** [\[help\]](#)

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [\[help\]](#)  
The proposal would not produce any light or glare. The majority of the project work will occur during daylight hours.
- b. Could light or glare from the finished project be a safety hazard or interfere with views? [\[help\]](#)  
Not applicable.
- c. What existing off-site sources of light or glare may affect your proposal? [\[help\]](#)  
Not applicable.
- d. Proposed measures to reduce or control light and glare impacts, if any: [\[help\]](#)  
Not applicable.

**12. Recreation** [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity? [\[help\]](#)  
The site is the swimming beach and dock portion of City of Bellevue Newcastle Beach Park. The waters of Lake Washington are also used for various recreation activities including boating, fishing, and other water based activities.
- b. Would the proposed project displace any existing recreational uses? If so, describe. [\[help\]](#)  
No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [\[help\]](#)  
The project repairs are necessary to keep the popular swimming dock safe and useful to the public. Similarly, the repairs to the bulkhead will protect the shoreline of the upland portion of the swimming area.

**13. Historic and cultural preservation** [\[help\]](#)

- a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [\[help\]](#)  
No.
- 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. [\[help\]](#)  
No.

- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [\[help\]](#)

Review of online records from Washington Information System for Architectural and Archaeological Records Data. The minor maintenance activities associated with the project do not include any excavation or disturbance of previously undisturbed areas.

- 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. [\[help\]](#)

Not applicable.

#### 14. Transportation [\[help\]](#)

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [\[help\]](#)

The site is accessed by the existing Lake Washington Boulevard SE. The project will not impact the street system.

- 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? [\[help\]](#)

No.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [\[help\]](#)

Not applicable.

- 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). [\[help\]](#)

No.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [\[help\]](#)

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? [\[help\]](#)

Not applicable.

- 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. [\[help\]](#)

No.

- h. Proposed measures to reduce or control transportation impacts, if any: [\[help\]](#)  
Not applicable.

**15. Public Services** [\[help\]](#)

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [\[help\]](#)  
No.
- b. Proposed measures to reduce or control direct impacts on public services, if any. [\[help\]](#)  
Not applicable.

**16. Utilities** [\[help\]](#)

- a. Circle utilities currently available at the site. [\[help\]](#)  
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other \_\_\_\_\_  
Utilities are available on the adjacent upland.
- 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. [\[help\]](#)  
Not applicable.

**C. Signature** [\[help\]](#)

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

Signature: \_\_\_\_\_  
*Victoria R. England*

Name of signee \_\_\_\_\_ Victoria R. England \_\_\_\_\_

Position and Agency/Organization \_\_\_ Authorized Agent, Environmental Scientist, BergerABAM

Date Submitted: \_\_\_\_\_

Newcastle Beach Park – City of Bellevue Parks and Community Services

View of Swimming Dock



View of Shoreline and Swimming Dock



Views of Dock Conditions

