DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT
ENVIRONMENTAL COORDINATOR
450 110th 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.	07-144332 LO
Project Name/Address:	Larsen Lake Habitat Improvement Project / 500 148th Ave SE
Planner:	Heidi M. Bedwell
Phone Number:	425-452-4862

Minimum Comment Period: January 24, 2008

Materials included in this Notice:

- [x] Blue Bulletin
- [x] Checklist
- [x] Vicinity Map
- [ ] Plans
- [ ] Other:

Vicinity Map

Larsen Lake Habitat Improvement Project

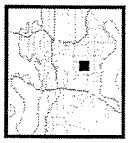
Park

School

City of Bellevue
Information Technology
Geographic Information Services
January 09, 2008

This map is derived from the Bellevue Geographic Information System and designed for City staff use.
It is not guaranteed accurate.

If you have specific questions regarding this map, contact the department shown.



VICINITY MAP

ENVIRONMENTAL CHECKLIST

12/24/07

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: *City of Bellevue*

Proponent: *Bellevue Parks & Community Services*

Contact Person: *Geoff Bradley*
(If different from the owner. All questions and correspondence will be directed to the individual listed.)

Address: *PO Box 90012, Bellevue, WA. 98009-9012*

Phone: *425-452-2740, c – 425-864-1969*

Proposal Title: *Larsen Lake Riparian and Greenbelt Enhancement*

Proposal Location: *500 148th Ave SE (between SE 8th and Main)*
(Street address and nearest cross street or intersection) Provide a legal description if available.

Please attach an 8 ½" x 11" vicinity map that accurately locates the proposal site.

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

1. General description: *The project is a riparian and wetland enhancement project intended to increase habitat diversity in the Lake Hills Greenbelt. Hand tools will be used to remove approximately 41,801 square feet (.96 acre) of noxious weeds, predominately reed canary grass, along the shoreline of Larsen Lake and the outfall channel. LWD will be installed to increase structure and the area will be revegetated with native species suitable for the surrounding microclimate.*

2. Acreage of site: *The site is approximately 41,801 square feet (.96 acres)*

3. Number of dwelling units/buildings to be demolished: *None*

4. Number of dwelling units/buildings to be constructed: *None*

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): *The area will be cleared using hand tools. No grading will occur. Plantings will be pocket planted.*

8. Proposed land use: This project will not change the existing land use.

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

10. Other

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PERMIT PROCESSING

Estimated date of completion of the proposal or timing of phasing: *The project is estimated to be completed in 2008*

Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. *Yes, although additional critical area enhancements may occur in the vicinity of the project with increased funding opportunities, the specific scope and timing of these enhancements is not known at this time.*

List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. *In July, 2006 Skillings and Connelly created a Wildlife Habitat Assessment and Enhancement Recommendations. From this Watershed Company prepared the more detailed Larsen Lake Riparian and Greenbelt Enhancement Plan in October 2007.*

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. *None known*

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. *Clearing and Grading Permit w/ SEPA (GH), Critical Areas Land Use Permit (LO), Shoreline Exemption (WD)*

Pease 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

a. General description of the site: X Flat ☐ Rolling ☐ Hilly ☐ Steep slopes ☐ Mountains ☐ Other

b. What is the steepest slope on the site (approximate percent slope)? *The steepest slope on the site is less than 5%*

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. *Seattle Muck (SK)*

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. *No*

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. *No filling or grading is proposed*

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. *Erosion potential is extremely limited because of the relatively flat site.*

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? *None, the project will not add any new impervious surface.*

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: *All clearing will be done with be done in accordance with COB clearing and grading code and clearing and grading erosion control standards EC1 – EC23. Care will be taken to retaining existing native vegetation on the site and a heavy layer of mulch will be installed around planting to assist with weed suppression and erosion control.*

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 and when the project is completed? If any, generally describe and give approximate quantities if known. *Minor and temporary construction emissions would include diesel and/or gasoline engine exhaust associated with small hand powered clearing tools and vehicles.*

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. *Although the effect on the project would be nominal, vehicle emissions from adjacent 148th Ave may be measurable, particularly during periods calm weather or temperature inversions.*

c. Proposed measures to reduce or control emissions or other impacts to the air, if any: *Project equipment and vehicle emissions will meet all state and federal regulations.*

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, both Larsen Lake and the outfall channel that forms Kelsey are located on the site.*

(2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If Yes, please describe and attach available plans. *Yes, noxious weed removal, plantings and LWD placement will occur within 200 feet of the described waters (see Enhancement Plans)*

(3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. *No fill or dredge is proposed with this project.*

(4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. *No*

(5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. *Yes, the entire wetland enhancement site is located within the 100 year floodplain of the lake and stream.*

(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. *N/A, no waste material will be discharged*

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. No additional impervious surface will be added by the project, therefore no additional runoff is expected. All cleared areas will be revegetated with natives.*

(2) Could waste materials enter ground or surface waters? If so, generally describe. *No*

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: *Any exposed soils as a result of the plantings will be mulched.*

4. Plants

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

X deciduous tree: alder, maple, aspen, other

X evergreen tree: fir, cedar, pine, other

X shrubs

X grass

☐ pasture

X crop or grain *(blueberries)*

X wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other

X water plants: water lily, eelgrass, milfoil, other

X other types of vegetation *(noxious vegetation including reed canary grass)*

b. What kind and amount of vegetation will be removed or altered? *All noxious and exotic vegetation within the project site will be removed. This includes, but is not limited to, reed canary grass and Himalayan blackberry. Some minor, incidental impact to native shrubs may occur as a result of clearing, however, trees will not be impacted.*

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: *All cleared areas will be revegatated with natives (see Enhancement Plan)*

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:

X Birds: hawk, heron, eagle, songbirds, other:

X Mammals: deer, bear, elk, beaver, other: *raccoon, possum, coyote.*

X Fish: bass, salmon, trout, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site. *Although Kelsey Creek supports Sockeye, Chinook, and Coho salmon it is not know whether these species exist this far up in the headwaters.*

c. Is the site part of a migration route? If so, explain. *Beyond the fish species mentioned above that utilize Kelsey Creek the site is also most likely located within a principal route of the Pacific Flyway.*

d. Proposed measures to preserve or enhance wildlife, if any: *The entire project is designed to enhance wildlife habitat by removing noxious and exotic species, replacing with native species, and adding LWD along the shoreline.*

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. *None*

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

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

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 heath hazard is expected as a result of the project. Although wetland approved herbicides may be used to help prevent reestablishment of cleared noxious and exotic weeds, they will only be applied by licensed applicators.*

using wick applications.

(1) Describe special emergency services that might be required. *None*

(2) Proposed measures to reduce or control environmental health hazards, if any. *Compliance will all local, state and federal laws is expected to mitigate any potential environmental health hazards associated with the use of herbicides.*

b. Noise

(1) What types of noise exist in the area which may affect your project (for example, traffic, equipment, operation, other)? *Background urban noise, including traffic noise from adjacent arterials, can be expected.*

(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. *Sort term noise associated with the operation of hand held, mechanical clearing equipment may occur. No increase in long-term noise will result from this project.*

(3) Proposed measures to reduce or control noise impacts, if any: *Noise impacts are expected to be nominal and will be controlled by compliance to allowed construction hours specified in City Code.*

8. Land and Shoreline Use

a. What is the current use of the site and adjacent properties? *The site and adjacent lands are park lands providing multiple public benefits.*

b. Has the site been used for agriculture? If so, describe. *Yes, the site and adjacent lands contain blueberry fields and community P- patches.*

c. Describe any structures on the site. *None*

d. Will any structures be demolished? If so, what? *N/A*

e. What is the current zoning classification of the site? *R-1*

f. What is the current comprehensive plan designation of the site? *P/SF-L*

g. If applicable, what is the current shoreline master program designation of the site? *The site is within the current Shoreline Management Area* [redacted] -Residential

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. *Yes – the site contains a Type S stream (Kelsey Creek) and Category 1 Wetlands*

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

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

k. Proposed measures to avoid or reduce displacement impacts, if any: *N/A*

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

9. Housing

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

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

c. Proposed measures to reduce or control housing impacts, if any: *N/A*

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 – design took into consideration existing residential views of the lake*

c. Proposed measures to reduce or control aesthetic impacts, if any: *Design and placement of plant materials will reduce visual impacts*

11. Light and Glare

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

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

c. What existing off-site sources of light or glare may affect your proposal? *Although light and glare associated with vehicles on 148th Ave SE may impact the wildlife habitat to some degree these impacts are expected to be nominal.*

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

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity? *The Lake to Lake Trail and periphery trails providing passive recreational opportunities are adjacent to the site. In addition the adjacent farmland provides passive recreational farming and U-pick opportunities during the harvest season.*

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: *N/A*

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. *No*

b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site. *The historic Larsen Lake cabin is located adjacent to the site.*

c. Proposed measures to reduce or control impacts, if any: *None needed – the project will not affect the cabin*

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 site is served by 148th Ave and the small gravel parking lot located at @ 700 148th Ave. SE*

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? *Yes – the site is located along METRO route 247*

c. How many parking spaces would be completed project have? How many would the project eliminate? *N/A – the project will neither created nor eliminate parking spaces.*

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. *No*

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. *The proposed project will not generate any additional vehicular trips*

g. Proposed measures to reduce or control transportation impacts, if any: *N/A*

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. *There are no utilities existing on the site, however, the adjacent farm is served by electricity, telephone, water and sewer.*

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 additional utilities proposed*

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.....Peggy Brady.....

Date Submitted.....12/26/07.....