DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT
ENVIRONMENTAL COORDINATOR
11511 MAIN ST., 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. | 06-124274 GH |
| Project Name/Address: | Weowna Forest Stand Improvement<br>2110 168th Ave SE |
| Planner: | Matthews Jackson |
| Phone Number: | 425-452-2729 |
| **Minimum Comment Period:** | **November 30, 2006; 5 p.m.** |

Materials included in this Notice:

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

City of Bellevue Submittal Requirements | **27a**

## ENVIRONMENTAL CHECKLIST

9/26/06

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). Assistance for the hearing impaired: Dial 711 (Telecommunications Relay Service). .

### BACKGROUND INFORMATION

**Property Owner**: City of Bellevue

**Proponent:** City of Bellevue, Parks Natural Resource Division

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

**Address**: Bellevue City Hall, 450 110th Ave NE, Bellevue, Washington 98004

**Phone:** 425-452-2928

**Proposal Title**: Weowna Park Forest Stand Improvement Project

**Proposal Location**: Weowna Beach Community Park, 2110 168th Ave SE, Bellevue, 98008
Please attach an 11" x 17" vicinity map that accurately locates the proposal site.

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

**1. General description:**
This project will manage the transition of the root-rot infected, dominant overstory trees along the south-eastern boundary of the park from Douglas-fir to Western red cedar and Western hemlock in a way that preserves the park's unique character, protects public safety, and respects natural ecological processes.

**2. Acreage of site:**
Weowna Beach Community Park is 92 acres. The area affected by this project is roughly 2 acres in size.

**3. Number of dwelling units/buildings to be demolished:**
Not applicable

**4. Number of dwelling units/buildings to be constructed:**
Not applicable

**5. Square footage of buildings to be demolished:**
Not applicable

**6. Square footage of buildings to be constructed:**
Not applicable

**7. Quantity of earth movement (in cubic yards):**
This project does not include the movement of any earth, other than that required to plant native restoration plant species or in the eradication of invasive, weed species.

**8. Proposed land use:**
Natural area open space for environmental quality benefits of water and air quality, visual and aural buffering, wildlife habitat, and passive recreational opportunities.

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OCT 13 2006
Permit Processing

**9. Design features, including building height, number of stories and proposed exterior materials:**
Not Applicable

**10. Other**

**Estimated date of completion of the proposal or timing of phasing:**
This project should be initiated as soon as possible, with the completion not being realized until all of the native plants are considered established, which may take several years depending on climate and plant survival factors.

**Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**
No.

**List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**
The following documents support the activities of the Program:

- City of Bellevue Comprehensive Plan (1993)
- Bellevue Parks and Open Space System Plan (2003)
- Environmental Best Management Practices and Design Standards Manual (2006)
- City of Bellevue Parks and Facilities Code

**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.**
No known permits that could impact the proposed project are pending.

**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.**
COB Clearing and Grading Permit

**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
  - o Preliminary plat map
- X Clearing & Grading Permit
  - o Plan of existing and proposed grading
  - o 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: ☐ Flat x Rolling x Hilly ☐ Steep slopes ☐ Mountains ☐ Other**

The topography of Weowna Beach Community Park is highly variable, with slopes ranging from flat ground to slopes greater than 40%.

**b. What is the steepest slope on the site (approximate percent slope)?**

Slopes will also vary depending upon the site location. The steepest slope expected to be encountered at the subject properties is approximately 40%.

Any areas requiring erosion control will have appropriate BMPs, as cited, implemented.

**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.**

The soils in Weowna Park are predominately of the Everett series. They are somewhat excessively well-drained soils derived from very gravelly glacial outwash and are underlain by very gravelly sand. The Everett soils on this site are prone to rapid runoff and moderate to severe erosion.

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

There is evidence and have been small scale erosion events at this site. The occurrence of these events are associated with steep slopes, excessive rainfall and runoff.

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

Not applicable.

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

The removal of trees will result in less rainfall interception by the upper canopy. Temporary erosion control BMPs will be utilized where necessary and site disturbance will be kept at minimum.

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

Not applicable.

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

The project will adheres to the practices set forth in the EBMP&DS Manual for its erosion control

measures. Any situations not covered by the EBMP&DS Manual would be consistent with TESC standards accepted by the City of Bellevue.

**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.**

Air emissions assocated with this project will be associated with operation of small engines and some heavy equipment for purposes of removing the trees from the site and minimizing soil disturbance.

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

Not applicable.

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

Except for the standard emission controls on equipment, no measures to control emissions are expected.

**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.**

There area no surface water bodies within or adjacent to the project area. Phantom Creek flows through Weowna Beach Community Park into Lake Sammamish.

**(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.**

No.

**(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.**

Not applicable.

**(4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.**

Not applicable.

**(5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.**

No.

**(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 groundwater will be withdrawn. The only water that will be discharge to ground water would be the result of temporary irrigation used in the establishment of newly planted native plants in the course of native habitat restorations.

**(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.**

No stormwater or water runoff is anticipated to be generated from activities covered under this proposal.

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

No waste materials will be generated from activities covered under this proposal.

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

To avoid and/or reduce impacts to surface and groundwaters, all applicable EBMPs will be implemented .

Through the proper application of EBMPs, it is expected that there will be no surface and groundwater runoff. No significant long-term impacts are expected.

**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: hazelnut, Indian plum, vine maple, salal, sword fern, other**

☐ grass

☐ pasture

☐ crop or grain

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

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

**x other types of vegetation: blackberry, English ivy, Lamium spp., Scotch broom, other**

**b. What kind and amount of vegetation will be removed or altered?**

This project proposes to remove or create wildlife snags out of significant trees as shown on the attached drawings.

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

No known threatened or endangered plant species have been documented in the City of Bellevue.

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

All areas affected by this project will be planted with native plants, including: western red cedar, salal, sword fern, Indian plum and hazelnut. The plantings will then be irrigated for no less than three years to ensure survival.

**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:

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

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

Bald eagles are known to be near or using the site.

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

The site is potentially part of a migratory route, but no known documented use has been recorded.

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

The proposed project is intended to preserve and enhance wildlife by increasing structural diversity of the City's natural area open spaces, intercepting and utilizing stormwater to support native plant and animal habitats, saving and creating large woody debris and detritus in the forest environment for the benefit of wildlife, and replacing invasive, exotic plant species with desirable native plants.

**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 projected energy requirements to complete the management practices include diesel and gas powered equipment.

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

**describe.**

Every attempt will be made to ensure the management activities do not negatively affect the potential use of solar energy by adjacent properties. If it is determined that the growth of a particular tree or group of trees will, in the future, negatively impact potential use of solar energy, the scope of work and plant layout and design may be altered.

**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:**

Work is completed in a timely manner to conserve energy and costs. Management practices are timed to make the most efficient use of energy resources.

**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.**

Those environmental health hazards expected during the project include those hazards associated with operating diesel, gas powered, and hydraulic equipment in or adjacent to critical areas and the limited use of pesticides and fertilizers.

The Program adheres to all practices described in the EBMP&DS Manual.

**(1) Describe special emergency services that might be required.**

None.

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

The project will use an integrated pest management (IPM) approach to the management of pests. IPM is a sustainable approach to that combines biological, cultural, physical and chemical methods in a way that minimizes the effects on the environment, minimize domestic and health risks, while considering budgetary restrictions.

The Parks Department adopted an IPM program in 1997, which has been integrated into this document, which outlines how both passive and active modes of maintenance are vital to the preservation of any environment.

The objectives of the Parks Department's IPM program are as follows:
• To protect the health, safety, and welfare of the community
• To provide efficient cost effective maintenance of the City's park resources, which includes non-chemical controls whenever possible
• To design new and renovate existing landscape areas that suit site conditions with sustainable maintenance practices, thus providing a comprehensive stewardship of parks and natural resources
• To restore, create and protect environmentally valuable areas such as wetlands and riparian areas, aquatic and terrestrial wildlife habitat, forests, and meadow areas.

**b. Noise**

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

All of the management practices are located within the City of Bellevue, which is an urbanized area that requires compliance with City noise levels ordinance. No activities will exceed City noise ordinances requirements outside the hours of 7:00AM to 8:00 PM without a City permit.

**(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.**

Noise generated during the activities under this proposal will include levels that will not exceed City ordinance noise level limits. All of the anticipated activities are short term in nature, which will occur between Monday and Friday, from 7:00AM to 3:30PM.

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

Noise impacts are expected to be temporary and insignificant. They will be minimized through the timing of the maintenance activities.

**8. Land and Shoreline Use**

**a. What is the current use of the site and adjacent properties?**
The current use of the sites covered under this proposal are natural area open space for the benefit of water and air quality, visual and aural buffering, wildlife habitat, and passive recreational opportunities. The adjacent land use is, in most cases, residential or commercial in nature.

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

No.

**c. Describe any structures on the site.**

The project area does not have any specific structures. There are storm water management facilities on the site. This proposal does not propose any alteration or management of those structures or facilities. Bellevue Utilities has the management responsibility of those facilities.

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

Not applicable. See previous response.

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

Zoning classifications of all park and open space sites is R-1. The general adjacent zoning classification is Residential.

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

Open Space/Undeveloped

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

Not applicable.

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

Yes, attachment A to this SEPA checklist shows the environmental sensitive areas as critical areas within the project area. Classification is steep slope up to 40%.

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

Not applicable.

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

Not applicable.

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

Not applicable.

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

Not applicable.

**9. Housing**

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

Not applicable.

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

Not applicable.

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

Not applicable.

**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?**

Not applicable.

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

Through the establishment, growth and management of mature trees and shrubs in the subject properties, there is a chance that certain views may be altered or obstructed by stem, foliage, and branches.

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

The Program does not cut, prune or remove trees solely for aesthetic (views) purposes. Rather, vegetation management decisions are based on opportunities for the management activity to support the Program objectives stated above. Aesthetics are a consideration when removing vegetation, dealing with debris, creating wildlife snags and planting of natives for restoration. Efforts are made to ensure the project is attractive, as well as functional.

**11. Light and Glare**

**a. What type of light or glare will the proposal produce? What time of day would it mainly occur?**

Not applicable. Unless there is an emergency, all management practices will completed within regular work hours, Monday – Friday, 7:00 AM to 4:00PM.

**b. Could light or glare from the finished project be a safety hazard or interfere with views?**

Not applicable.

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

Not applicable.

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

Not applicable.

**12. Recreation**

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

There are soft-surface, limited purpose trails within the site and project area. These trails are passive-use.

**b. Would the proposed project displace any existing recreational uses? If so, describe.**

No. Any disruption of use of any trails or recreational facility would be temporary and only for the duration of the project.

**c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:**

The Program strives to avoid any disruption to any recreational opportunity by carefully timing and implementing any management practice. If the recreation resource must be impacted, the area is temporarily closed with signage or with personnel to ensure the safety of recreation users. Upon completion the recreation resource is restored to preexisting condition and reopened to public use.

**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 applicable.

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

Not applicable.

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

Not applicable.

**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.**
See the attached map for a description of the public roads adjacent to the subject properties.

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

Not applicable.

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

Not applicable.

**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.**

Not applicable.

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

Any impacts to the transportation system would be covered under a separate Right-of-Way Use Permit, issued by Bellevue's Transportation Department.

**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.**

Not applicable.

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

Not applicable.

**16. Utilities**

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

Not applicable.

**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.**

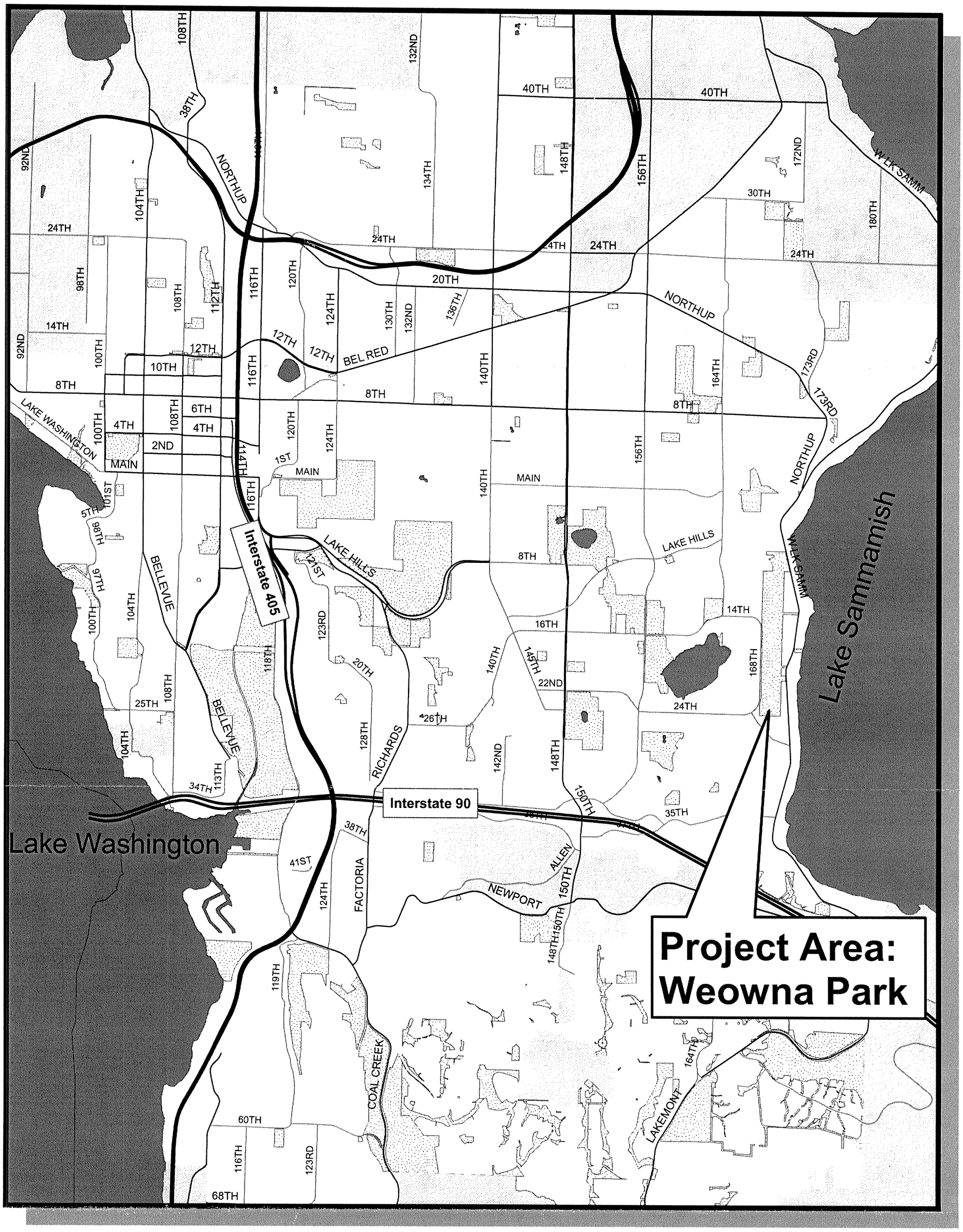
Not applicable.

**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.....9-26-06




N

= 3,360 feet

City of Bellevue
Parks Department

Plot Date: 9/26/2006

# Weowna Park Forest Stand Improvement Project

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