



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. 10-115478-LB  
Project Name/Address: Verizon SEA Phantom Lake  
15555 SE 16<sup>th</sup> Street  
Publish: August 26, 2010  
**Minimum Comment Period:** September 9, 2010

Materials included in this Notice:

- Blue Bulletin
- Checklist
- Vicinity Map
- Site Plan
- Other:

**ENVIRONMENTAL CHECKLIST**

4/18/02

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: Puget Sound Energy

Proponent: Verizon Wireless

Contact Person: Bill Powell, Cascadia PM

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

Address: 8760 122nd Ave NE, Kirkland, WA 98033

Phone: 253-225-5870

Received  
JUN 21 2010  
Permit Processing

Proposal Title: Verizon Phantom Lake

Proposal Location: 15457 SE 16th Street, Bellevue, WA  
(Street address and nearest cross street or intersection) Provide a legal description if available.

Please attach an 8 1/2" 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: Install new 90' engineered wooden pole with six panel antennas. Ground equipment to be within an accessory structure.
2. Acreage of site: 0.92 acres
3. Number of dwelling units/buildings to be demolished: 0
4. Number of dwelling units/buildings to be constructed: 0
5. Square footage of buildings to be demolished: 0
6. Square footage of buildings to be constructed: 364
7. Quantity of earth movement (in cubic yards): Approximately 12 cu yards
8. Proposed land use: Telecommunications facility
9. Design features, including building height, number of stories and proposed exterior materials:  
The proposed pole is to be 90' tall. The accessory structure is to
10. Other be a 13'x28' one-story structure with wood siding housing the ground equipment. 6 panel-type antennas are to be installed at two different heights on the pole.

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

Construction is expected to take place in early 2011 and will require approximately 2 weeks to complete.

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

No current plans for further activity.

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

None planned.

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 other applications affecting this proposal are 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.

Conditional Use Permit, Wireless Communications Facility 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  
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:  Flat  Rolling  Hilly  Steep slopes  Mountains  Other
- b. What is the steepest slope on the site (approximate percent slope)? The area proposed for development is flat. The SW corner of the property has a 20% slope.
- 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.  
Not known.

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

No surface indications.

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

Trenching will be required for electrical power and for antenna cables. Approximately 50' of trenching (3' deep by 1' wide) will be needed with the soil returned.

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

Not likely.

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

The site currently has approx. 15,000 sqft of impervious surface. The proposed addition of 364 sq ft will result in approx. 40% coverage.

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

None planned.

## 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.

No emissions are anticipated.

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

No.

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

None planned.

## 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.  
None known.

- (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.

N/A

- (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

- (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.

- (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.

The proposed facility is unmanned. No additional waste material will result.

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.

Storm sewers are along the street. No change to the current water flow patterns are anticipated.

- (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:

None planned.

#### 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?

Grass will be removed for placement of the shelter and for trenching.

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:

None proposed.

**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.
  
- c. Is the site part of a migration route? If so, explain.  
Not known.
  
- d. Proposed measures to preserve or enhance wildlife, if any:  
None proposed.

**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.  
Electrical power will be required for radio equipment.
  
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.  
No. The shadow cast by the proposed structure will follow that cast by the existing site trees.
  
- 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 planned.

**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.
  - (1) Describe special emergency services that might be required.  
None needed.
  
  - (2) Proposed measures to reduce or control environmental health hazards, if any.  
None planned.

b. Noise

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

None.

- (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.

Heating and cooling equipment are the only noise created by the proposed installation.

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

Noise abatement measures will be installed to meet the noise standards of the City of Bellevue.

**8. Land and Shoreline Use**

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

The site is currently used for an electrical power substation and

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

Not known.

- c. Describe any structures on the site.

An electrical substation is currently on the site as well as overhead power lines. One of the power poles has been extended and has several wireless facilities attached.

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

No.

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

R-1.8

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

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

N/A

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

No.

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

None. The facility is to be unmanned.

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

None.

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

None proposed.

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

The proposed facility was chosen to be the least impactful of the alternatives. The facility will not affect the land-use of the parcel or the surrounding area.

## 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:  
None planned.

## 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?  
The new pole is to be 90' tall and constructed of laminated wood.  
The accessory structure will be approx. 13' tall with wood siding.
- b. What views in the immediate vicinity would be altered or obstructed?  
No views will be impacted.
- c. Proposed measures to reduce or control aesthetic impacts, if any:  
The antennas will be painted to match the pole. The accessory structure will be painted or stained.

## 11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?  
No glare is anticipated.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?  
It is not expected to produce glare.

- c. What existing off-site sources of light or glare may affect your proposal?  
None.
- d. Proposed measures to reduce or control light or glare impacts, if any:  
None proposed.

## 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?  
None known.
- 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 proposed.

## 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.  
None known.
- b. Generally describe any landmarks or evidence of historic, archeological, scientific, or cultural importance known to be on or next to the site.  
None known.
- c. Proposed measures to reduce or control impacts, if any:  
None planned.

## 14. Transportation

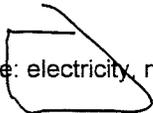
- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.  
The site is served by SE 16th Street.
- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?  
Not known.
- c. How many parking spaces would be completed project have? How many would the project eliminate?  
None proposed.
- 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 improvements needed.
- 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.  
Only 1 visit per month is anticipated.
- g. Proposed measures to reduce or control transportation impacts, if any:  
None proposed.

**15. Public Services**

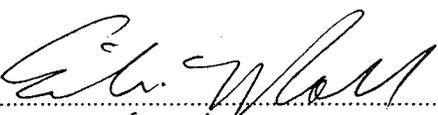
- a. Would the project result in an increased need for the public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.  
No.
- b. Proposed measures to reduce or control direct impacts on public services, if any.  
None proposed.

**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.  
Electrical power and telephone/fiber cables are needed to service the facility. Power is supplied by Puget Sound Energy and telephone/fiber to be provided by Qwest. Utilities are to be brought to the site underground.

**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.....