



DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT  
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. 10-106188-LA

Project Name/Address: ClearWire WA-SEA0645-D  
8 164<sup>th</sup> Avenue SE

Planner: Sally Nichols

Phone Number: (425) 452-2727

**Minimum Comment Period: 14 days**

Materials included in this Notice:

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

**ENVIRONMENTAL CHECKLIST**

10/9/2009

*Thank you in advance for your cooperation and adherence to these procedures. If you need assistance in completing the checklist or have any questions regarding the environmental review process, please visit or call Development Services (425-452-6800) 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). ..*

**INTRODUCTION****Purpose of the Checklist:**

The State Environmental Policy Act (SEPA), Chapter 43.21c RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the City of Bellevue identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the City decide whether an EIS is required.

**Instructions for Applicants:**

This environmental checklist asks you to describe some basic information about your proposal. Answer the questions briefly, with the most precise information known, or give the best description you can. You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer or if a question does not apply to your proposal, write "do not know" or "does not apply." Giving complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the Planner in the Permit Center can assist you.

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. Include reference to any reports on studies that you are aware of which are relevant to the answers you provide. The City may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impacts.

**Use of a Checklist for Nonproject Proposals:** *A nonproject proposal includes plans, policies, and programs where actions are different or broader than a single site-specific proposal.*

For nonproject proposals, complete the Environmental Checklist even though you may answer "does not apply" to most questions. In addition, complete the Supplemental Sheet for Nonproject Actions available from Permit Processing.

For nonproject actions, the references in the checklist to the words *project*, *applicant*, and *property* or *site* should be read as *proposal*, *proposer*, and *affected geographic area*, respectively.

**Attach an 8 ½" x 11 vicinity map which accurately locates the proposed site.**

**Received**

FEB 26 2010

**Permit Process**

## BACKGROUND INFORMATION

Property Owner: **Puget Sound Energy**

Proponent: **Clearwire US, LLC**

Contact Person: **Ron Meckler**

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

Address: **1701 121st St SE, H-201, Everett, WA 98208-5990**

Phone: **206-384-2454**

Proposal Title: **Clearwire WA-SEA0645 / LAKE HILLS PSE 164<sup>TH</sup> & MAIN**

Proposal Location: **ROW of 164th Ave SE crosses Main. adjacent to tax lot 4038600660.**  
(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: **Replace existing 38' utility pole with a 53' pole; install antennas and equipment.**
2. Acreage of site: **public right of way – 49 square foot equipment area.**
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: **0**
6. Square footage of buildings to be constructed: **0**
7. Quantity of earth movement (in cubic yards): **~3**
8. Proposed land use: **Wireless Communication Facility**
9. Design features, including building height, number of stories and proposed exterior materials:  
**Replacement pole will be a laminated wood pole, 53' in height. Antennas flush mounted to top of pole. One 30" high equipment cabinet on pre-cast concrete slab with landscaping in ROW.**
10. Other  
**Installation will be screened by landscaping which is integrated into the existing streetscape,**

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

**Construction should commence within 30 days of permitting and approvals, completion within 60 days.**

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

**No additions or expansions are currently anticipated. However, as service needs associated with this area increase, additional antennas may be required.**

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

**None to my knowledge.**

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.

**Application has been submitted for an Administrative CUP. A ROW permit will be submitted.**

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.

**City of Bellevue Administrative WCF, CUP and ROW permits. Approval by Puget Sound Energy.**

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)?

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 silty loam**

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

**None**

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

of fill.

**No fill involved. Existing pole will be replaced with new wood-lam pole, which will involve minimal grading over a 3' x 3' surface area.**

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

**No.**

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

**Site is a street ROW. Gravel base and precast concrete slab will require 49 SF of impervious surface.**

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

**Best management practices will be employed. Hay bales and tarps will be deployed over bare ground or spoils piles during construction.**

## 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.

**Construction vehicle emissions will occur during construction, but fairly minimal. After the facility is operating, no air emissions occur.**

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

**None**

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

**None**

## 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.

**No.**

(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 added 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.

**None.**

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

**None.**

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

**Not that applicant is aware of.**

- (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.

**None.**

c. Water Runoff (Including storm water)

- (1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

**The only runoff will be storm water. What little runoff from the equipment area (49 square feet) will flow to the surrounding ground, which is covered by grass and landscaping.**

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

**No waste materials created from this installation.**

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

**What little runoff is created by this project will be absorbed by the grass and landscaped area surrounding it.**

#### 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?

**A small amount of grass (49 square feet) will be removed to accommodate the equipment cabinet and work area surrounding it.**

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:

**Pacific Wax Myrtle, Strawberry Tree, 'emerald green' aborvitae, Hinoki Cypress and Salal are proposed for the site.**

#### 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: **squirrels**

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

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

**None**

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

**Not that applicant is aware of**

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

**Wildlife protection guidelines with respect to wireless facilities favor monopole design, with flush mounting if feasible. The proposed design is substantially the preferred design.**

## 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.

**Electric power is required to operate the radio equipment.**

- 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:

**None are proposed.**

## 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. The only potential hazard is non-ionizing electromagnetic radiation from the antennas. However the radio system will not exceed the FCC regulations for persons in uncontrolled areas. An emissions report will be included with the WCF application.**

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

**None required.**

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

**Compliance with FCC regulations regarding RF emissions.**

## b. Noise

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

**Ambient traffic noise will not affect this project.**

- (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.

**The sound generated by the equipment will not exceed 45 dBA at the nearest residentially-used property. A noise analysis has been submitted along with the WCF application.**

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

**None needed or proposed.**

## 8. Land and Shoreline Use

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

**The site is within the ROW of 164<sup>th</sup> Ave SE. There are single-family homes in all four directions.**

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

**No**

c. Describe any structures on the site.

**There is an existing 38' utility pole in the ROW of 164<sup>th</sup> Ave SE. A brick wall edges the ROW to the east/southeast.**

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

**The existing 38.8' utility pole will be removed.**

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

**R-4**

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

**SF-H Single Family Residential**

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.

**Not that applicant is aware of.**

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

**0**

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

**0**

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

**None required.**

i. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: **Utilizing an existing power pole, and swapping out with a taller pole that meets separation requirements between the power lines and the antennas falls within the hierarchy of preferred sites under the City's wireless communications facility code section. The antennas will be painted brown to match the replacement pole. All power and RF cables will be contained within the wood-lam replacement pole.**

## 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 are proposed.**

## 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?

**53'. The pole will be a laminated wood product (commonly called a wood-lam or glu-lam).**

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

**No views will be obstructed by the addition of 15' to the existing utility pole.**

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

**Applicant is proposing to increase the height by only 15'. The antennas will be flush-mounted to the pole and painted brown to match. The equipment cabinet is a low profile 30" high design that will be screened by landscaping which is integrated into the existing streetscape.**

## 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?

**None**

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

**None required or proposed.**

## 12. Recreation

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

**None in the immediate vicinity.**

- 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 are 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.

**No**

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

**None.**

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

**Locating the WCF on a replacement utility will have no impact.**

## 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 will be located in the ROW of 164<sup>th</sup> Ave SE at its intersection with Main Street**

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

**Yes – site is served by Metro Transit routes 225, 272 and 926**

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

**None**

- 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. **After construction complete, site will be visited approximately four times per year for repairs and preventive maintenance. This equals 0.8 trips per month.**
- 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**

**16. Utilities**

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

**All available – only electricity required for the facility.**

- 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.

**PSE will provide electric power directly from the pole on which the equipment is located.**

**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.....*Ronald Meckler*.....

Date Submitted.....*February 26, 2010*.....

# WA-SEA0645 LAKE HILLS PARK / PSE POLE

## Vicinity Map

