April 8, 2016

Jens Nedrud
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## Re: Energize Eastside – Segment O Critical Areas Addendum

The Watershed Company Reference Number: 111103

Dear Jens:

This is an addendum to our tree inventory report titled, *Segment O Tree Inventory Report*, dated April 2016. To support PSE's Energize Eastside project, the study area includes portions SE 38th Street and 124th Avenue SE, south of the I-90 in the City of Bellevue. Screening of wetlands and streams took place during the tree inventory from November 9, 2015 to November 16, 2015.

This letter summarizes the findings of the critical area screening and details applicable federal, state, and local regulations.

### Site Location

Segment O is located within the Bellevue neighborhood of Factoria and is approximately 1-mile long (Figure 1). The study area of the Segment O includes:

- SE 38th Street between Factoria Boulevard SE and 124th Avenue SE; and
- 124th Avenue SE ending at Coal Creek Parkway SE

### Study Area Setting

The study area of Segment O is in the Richards Creek drainage basin in the Lake Washington – Sammamish sub-watershed (HUC 171100120400; WRIA 8 – Cedar Sammamish; STR [9,16][24N][05E]). Segment O is located within the Bellevue neighborhood of Factoria. Zoning areas include Factoria Land Use District 1 (F-1); Multifamily Residential (R-20); and Single-Family Residential (R-5).

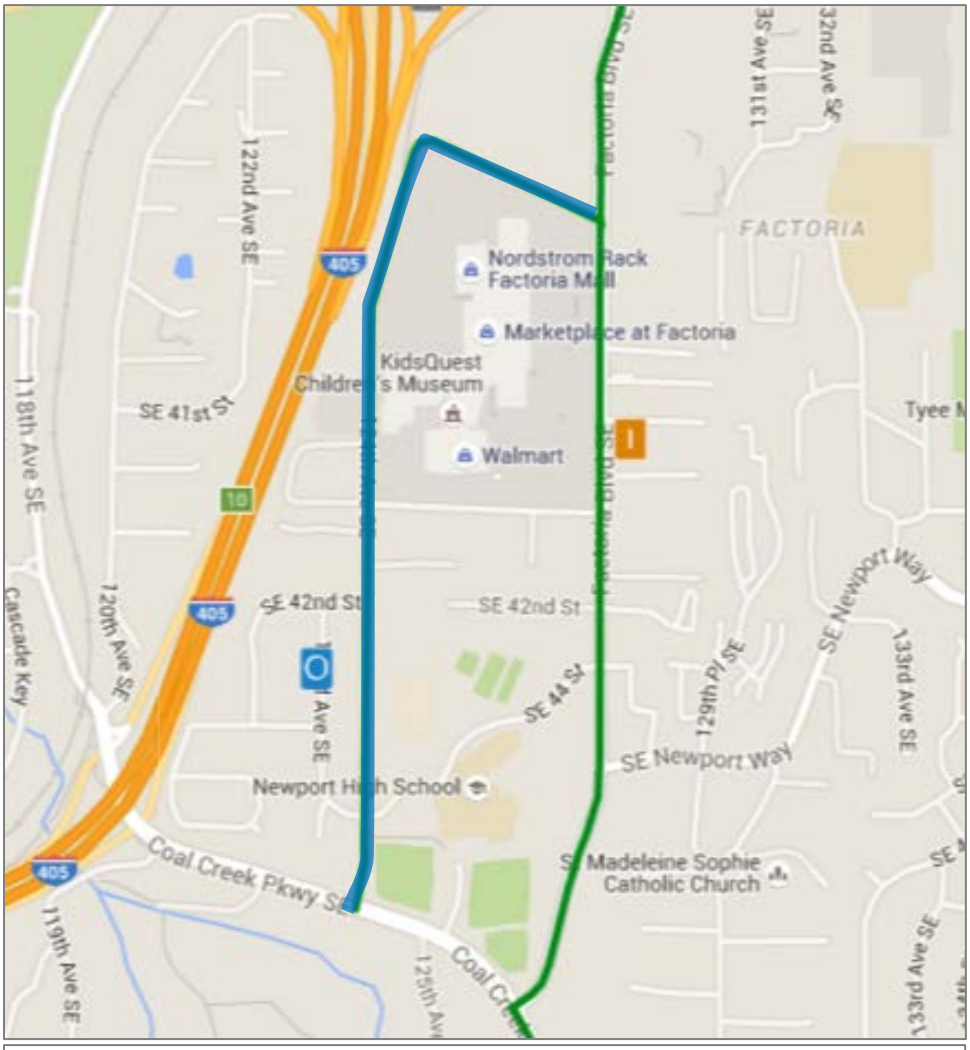


Figure 1 - Map of Segment O (blue) as part of the Oak route (green). (Aerial Source: Energize Eastside's interactive map 2016)

## Methods

Public-domain information on the subject property was reviewed for this reconnaissance-level wetland and stream critical areas study. These sources include USDA Natural Resources Conservation Service Soil maps, U.S. Fish and Wildlife Service National Wetland Inventory (NWI) maps, Washington Department of Fish and Wildlife interactive mapping programs (PHS on the Web and SalmonScape), WA DNR Forest Practices Application Mapping Tool, King County's GIS mapping website (iMAP), A 2001 City of Bellevue Stream Inventory Report, and the City of Bellevue GIS maps.

The study area was screened for wetlands using methodology from the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region Version 2.0* (Regional Supplement) (US Army Corps of Engineers [Corps] May 2010). Wetland boundaries are approximated on the basis of an examination of vegetation, soils, and hydrology. Per the Bellevue City Code (BCC) 20.25H.095, wetlands are classified using the 2004 *Washington State Wetland System for Western Washington* (ECY no. 04-06-025, revised 2008).

The study area was also screened for streams. Under BCC 20.25H.075.A, a stream is where surface water produces a channel naturally; artificially occurring channels may also be included if the channel used to support a stream naturally before construction of the artificial channel or if the artificial channel is used by salmonids. Streams were typed per BCC 20.25H.075.B. Features that were previously identified in other Energize Eastside critical areas reports maintain the same name for consistency.

## Findings

No critical areas or associated critical area buffers are located within the Segment O subject area. Only one regulatory stream is located in the vicinity (i.e., 750 feet away), but not within or near the subject area.

### *Stream IB01 (Richards Creek)*

Stream IB01, known as Richards Creek, was previously identified in Segment I during the PSE Energize Eastside Bellevue Critical Areas Delineation Study. It flows in a south-to-north direction adjacent to Factoria Boulevard SE and on to a convergence with Kelsey Creek further north. The closest open-channel portion of Richards Creek to Segment O is mapped approximately 750 feet north (Figure 2). No other critical areas are located within or near Segment O.

Flow to Richards Creek originates from a large-diameter culvert that presumably extends southward along Factoria Boulevard. A search of online stream and stormwater infrastructure maps reveals no information on the location of the buried pipe that supplies Richards Creek. No other stream channels are mapped higher in the Richards Creek basin, which is largely comprised of parking lots and commercial buildings. Based on topography, the pipe presumably passes through or near the Segment O project area, buried beneath the surface of the ground. Again, it is unclear from the lack of available information where the pipe is located in this area.

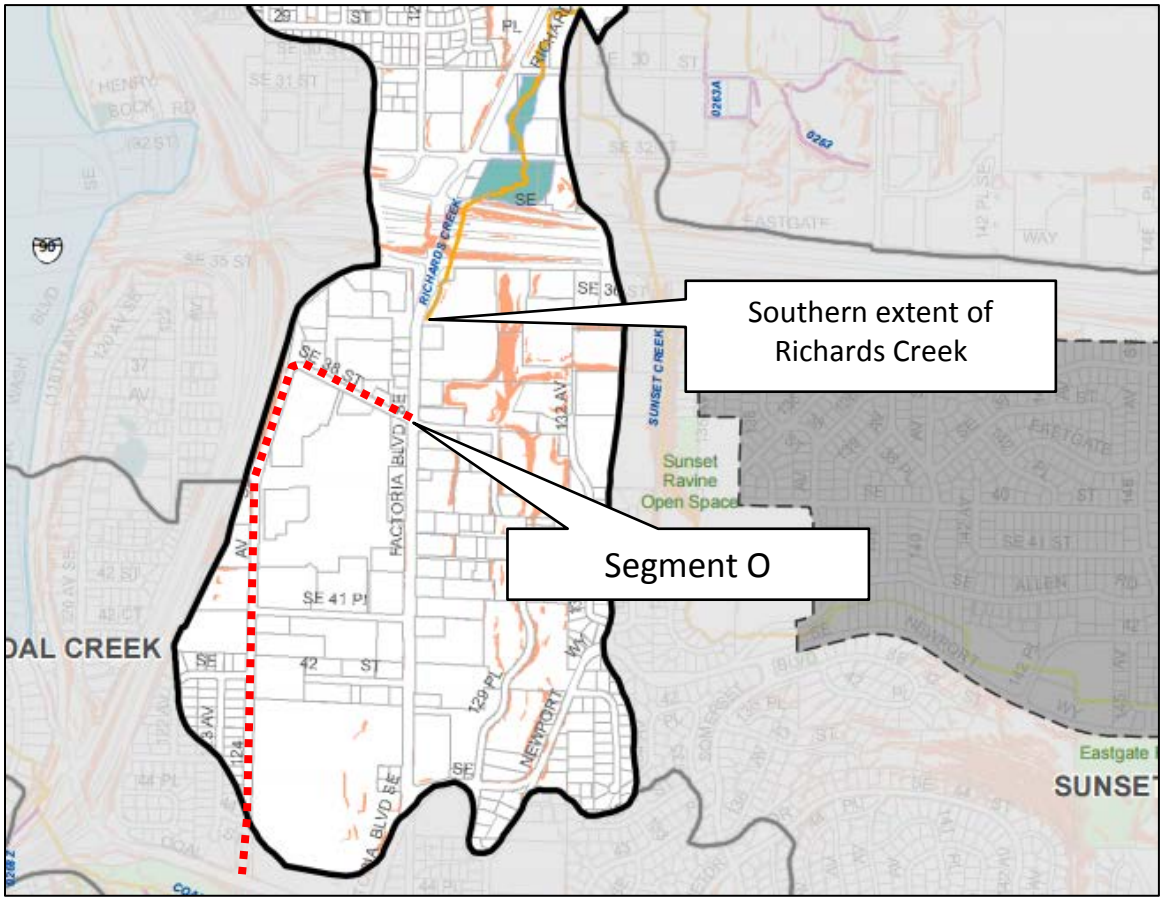


Figure 2 – A Richards Creek Basin map showing the location of Richards Creek in relation to Segment O.

## Local Regulations

No critical areas or buffers are located near the Segment O project area.

If the pipe that supplies water to Richards Creek is determined to be a "closed stream segment" by the City of Bellevue, then it would be subject to a 10-foot building setback measured horizontally from a vertical plane at the edge of the underground culvert (LUC 20.25H.035).

## State and Federal Regulations

No wetlands or above-ground streams were found. The Clean Water Act regulations would not apply to this Segment unless an alteration of the underground pipe that leads to Richards Creek is proposed.

## Disclaimer

The information contained in this letter or report is based on the application of technical guidelines currently accepted as the best available science and in conjunction with the manuals and criteria outlined in the methods section. All discussions, conclusions and recommendations reflect the best professional judgment of the author(s) and are based upon information available to us at the time the study was conducted. All work was completed within the constraints of budget, scope, and timing. The findings of this report are subject to verification and agreement by the appropriate local, State and Federal regulatory authorities. No other warranty, expressed or implied, is made.

Please call if you have any questions or if we can provide you with any additional information.

Sincerely,

Anna Hoenig
Ecologist

Mike Foster
Ecologist, Arborist