



# Port of Portland

Box 3529, Portland, Oregon 97208  
(503) 231-5000

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## Fax Memo

June 18, 1998

**TO:** Eric Engstrom                      **FAX:** 823-7800  
City of Portland  
Bureau of Planning

**FROM:** Preston Beck, Associate Planner  
Policy and Planning Department

**FAX:** [503] 731-7466                      **PHONE:** [503] 731-7514

**Pages:** 6 (including cover sheet)

Regarding your questions related the Pacific Gateway storm sewer outfall, I checked the application and found the answers there. The new outfall system will replace existing drainage facilities comprising an open ditch, buried pipe and temporary outfall on the Columbia Slough. The outfall will receive storm water from drainage facilities constructed within and surround future North Pacific Gateway Drive when the property is developed.

According to the Letter of Understanding between BES and the Port (letter attached) "water quality facilities will not be required for this project as it is conveying storm water drainage from existing developed areas which are outside the proposed future development surrounding future North Pacific Gateway Blvd."...."Treatment of storm water from future development will be addressed with future facilities."

Related to the memo submitted by Metro, I have the following comments:

The Port has designed the outfall to prevent catastrophic failure of the outfall structure due to washing out of the supporting soil. Water levels and velocities in the Slough vary significantly throughout the year. The additional water generated by the outfall necessitates a technique and material sufficient to withstand hydraulic forces from varying directions. A catastrophic failure would affect the embankment as well as the outfall structure. The resulting damage would include erosion of the embankment, sedimentation of the waterway, and possible upstream flooding if the outfall was blocked. In order to minimized the impact of the rip-rap, there will be joint planting above elevation 12.

Regarding native plantings:

- Replacing Red Alder is not a problem
- We have all ready planned to bring in soil for the landscaping
- Animal protection can be added to the landscaping plan
- The Port will maintain the site for 2 years and within that time period ensure the survivability of the plants
- Measures of success are not identified in the Plan for this particular project and therefore success will fall to identified regulations of the Portland Zoning Code

The approval criteria Development in Conformance in the plan do not list policies as approval criteria, however the they are addressed in the plan. Briefly:

- An archeological study was completed for the site
- Policy 22A is addressed in the application. Policy 22B does not apply

If you have any further questions, please contact me (731-7514).

Thanks