

Proposed Ordinance

**Slip 4 Sediment Cleanup  
Institutional Controls**

Seattle  
 Public  
Utilities

July 2, 2013

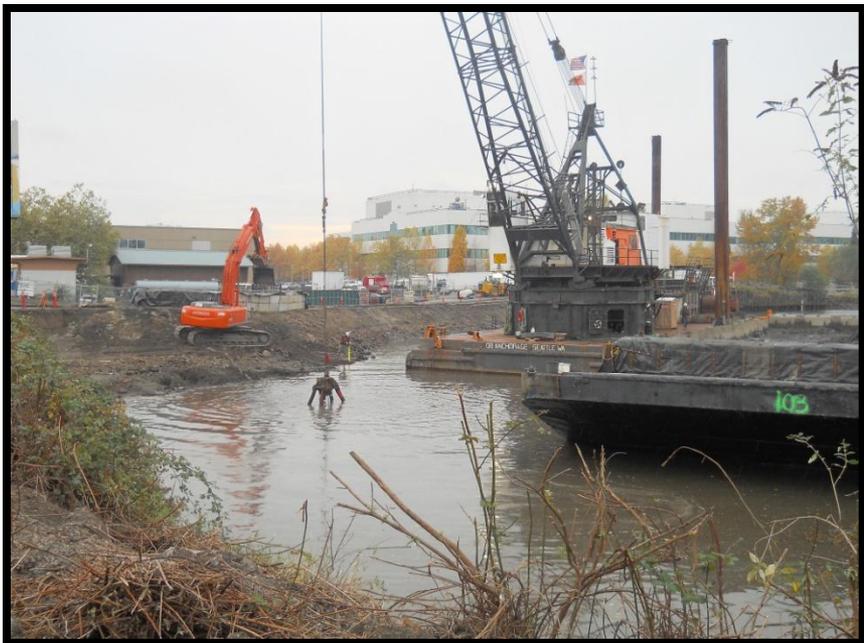
# **Proposed Ordinance:** Authorizes Seattle Public Utilities to establish institutional controls for Slip 4:

- Environmental Covenant
- Regulated Navigation Area
- Lot line adjustment and outfall easement with 1<sup>st</sup> South Properties

# Slip 4 Early Action Area

## Lower Duwamish Waterway

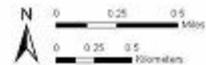
- 6.4 acre navigable inlet
- City lead on sediment cleanup
- Completed February 2012



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Windward environmental LLC



Map 1-1, Lower Duwamish Waterway study area

DRAFT



# Institutional Controls

*Non-engineering measures to ensure the integrity and protectiveness of a cleanup where contaminated material remains on-site after completion of cleanup*

## **At Slip 4:**

- Contaminated material remains at the site under a protective cap
- EPA order requires City to implement institutional controls

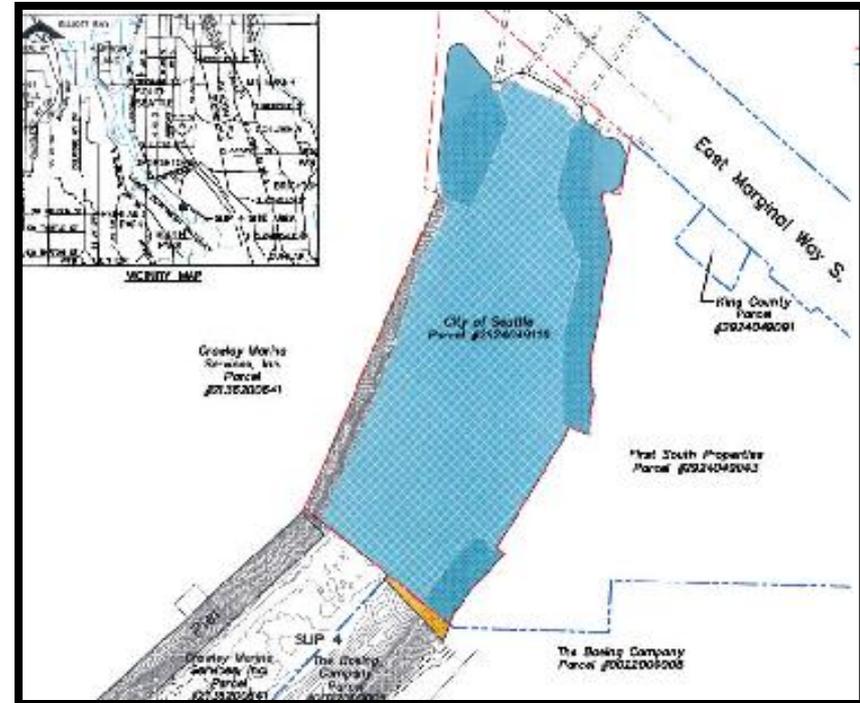
# Institutional Controls

## 1. Execute an Environmental Covenant with EPA

- Property restrictions
- EPA approvals required

## 2. Establish a permanent Regulated Navigation Area

- Prohibits cap disturbance
- Example - vessel grounding

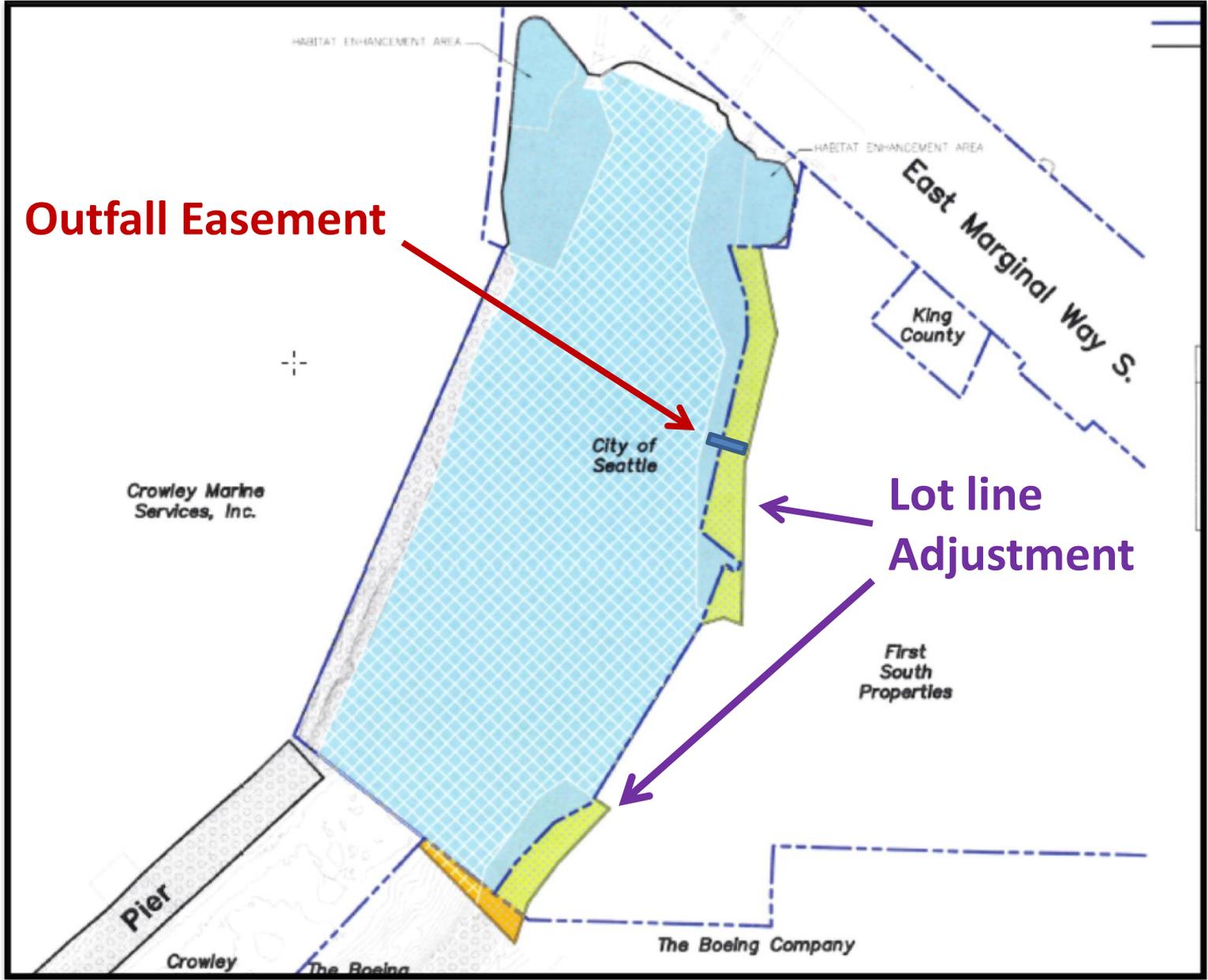


# Institutional Controls

## 1<sup>st</sup> South Properties:

- Lot Line Adjustment
- Stormwater outfall easement
  
- Gives City better control over remedy
- 1<sup>st</sup> South needs easement for their drainage

**Outfall Easement**



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THANK YOU