Peninsula Drainage District No. 1

Freeboard Analysis

USACE Authorized Water Surface
Figure A - PEN 1 Levee Crest Elevation and USACE Authorized Water Surface Elevation

Levee Station (feet)

- Oregon Slough
- Lower Columbia Slough
- PEN2 Interior

Top-of-Levee Elevation
USACE Authorized Water Surface Profile
Oregon Slough (Columbia River)
USACE Authorized Water Surface Profile
Lower Columbia Slough
USACE Authorized Water Surface Profile
Inside PEN2

I-5 Bridge
BNSF RR Bridge
MAX Light Rail Station
Oregon 99E Overpass
N Pier 99 Street

Elevation (feet, NAVD)
Figure B - PEN 1  Computed vs. Required Freeboard
USACE Authorized Water Surface Elevations
Peninsula Drainage District No. 2

Freeboard Analysis

USACE Authorized Water Surface
Figure C - PEN 2 Levee Crest and USACE Authorized Water Surface Elevations

* Note: ’PEN1 Interior’ segment follows historic PEN2 stationing alignment
Figure D - PEN 2 Computed Versus Required Freeboard USACE Authorized WSEL

* Note: 'PEN1 Interior' segment follows historic PEN2 stationing alignment.