

Cottonwood Island, W-70.1



— Approximate Site Boundary



Size: 62 acres

Elevation: 10 to 30 feet above Mean Sea Level

Owner: Dr. Gene Davis of Tigard, OR (west), the Washington Department of Natural Resources (central), and Delta Trust (eastern)

Description: Cottonwood and Howard Islands were once separate, but are now contiguous. Nearly all of the subject property has been covered in the past with dredge material. The majority of the island is relatively level and situated approximately 20 feet above the Columbia River with steep banks dropping off to both the Columbia River and Carrolls Channel along portions of the shoreline. A pond and wetlands area are located 1/2 mile northwest of the site. The disposal site is set back 300 feet from the Columbia River and side channel shorelines to avoid ESA Critical Habitat.

The property is nearly devoid of development except for the presence of navigational aids (beacons), groins (wooden piles placed perpendicular to longshore current), and a few campsites. The property is roughly kidney shaped and is located at a northwest trending bend in the Columbia River. There is no water service to the property.

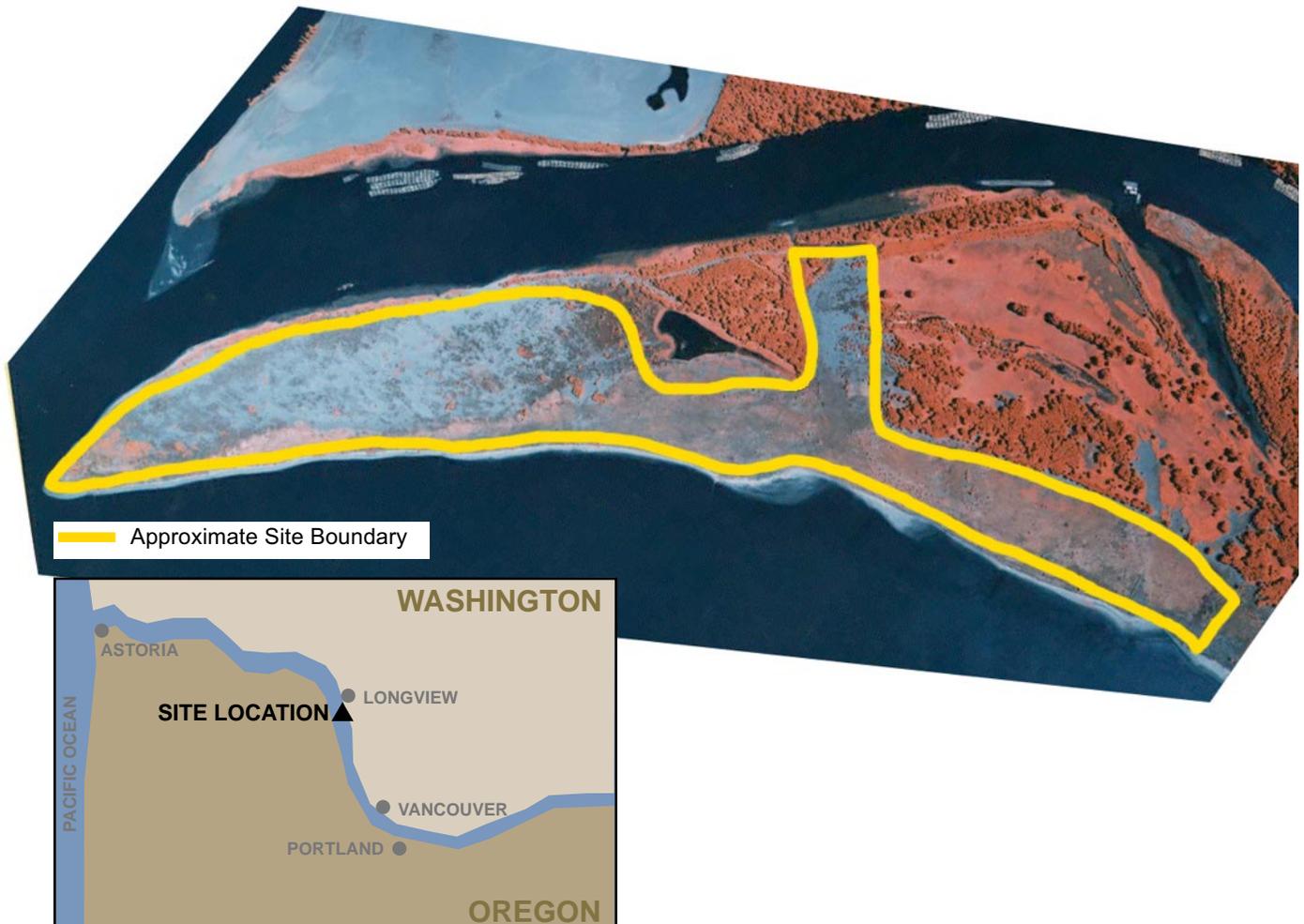
Howard Island, W-68.7

Size: 200 acres

Elevation: 10 to 30 feet above Mean Sea Level

Owners: Dr. Gene Davis of Tigard, OR (west), the Washington Department of Natural Resources (central), and Delta Trust (eastern)

Description: Nearly all of the property has been covered in the past 40 years with material dredged from the Columbia River. The site is roughly crescent shaped and relatively level. Steep 20-foot banks drop off to both the Columbia River and Carrolls Channel along portions of the shoreline. A lowland area with a pond and wetlands area is located adjacent to the north-northeast boundary of the property near Carrolls Channel. A small drainage channel runs north from the pond into Carrolls Channel. The wetland will be avoided during disposal. The northwest and northeast portions of the site are forest. Except for the presence of navigational aids and groins, the property is devoid of development. There is no water service or access to the island property.



International Paper Rehandle, W-67.5

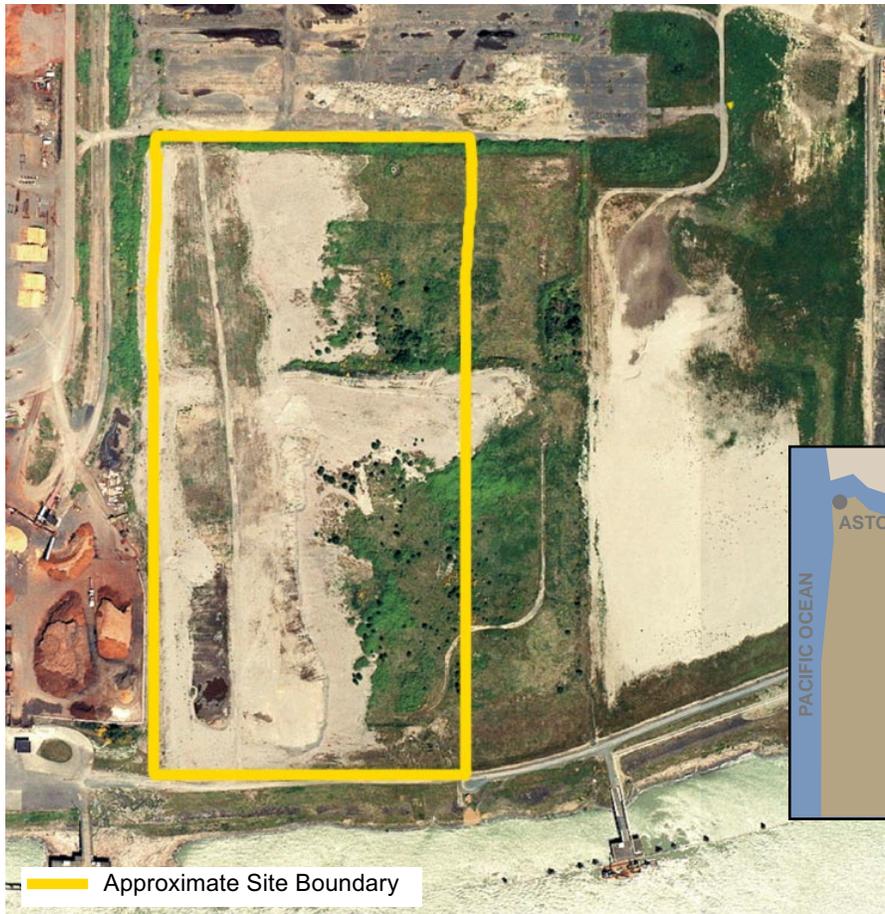
Size: 29 acres

Elevation: 10 to 20 feet above Mean Sea Level

Owner: Port of Longview

Description: The site is bounded on the north and east by vacant lots, the south by the Columbia River, and the west by a Pacific Fibre wood products facility. The topography of the property was altered by the placement of dredged material, resulting in a relatively flat to gently undulating topography. Steep 10-to-15-foot banks slope off to the north, east, and west from the dredge pile to the adjoining piles. The southern end of the property drops gradually to the Columbia River.

The property is zoned for heavy manufacturing. It is currently being used as a receiving site for dredged material. Improvements on the property include a drainage structure used for dewatering the dredge material.



Approximate Site Boundary

The port is currently marketing sand from the property.

To the south, an offsite levee separates the site from the Columbia River, located approximately 200 feet south of the property. Pacific Fibre owns and operates a debarking facility on the adjoining property to the west. No water service exists on the property.



Rainier Beach, O-67.0

Size: 52 Acres

Elevation: 0 to 10 feet above Mean Sea Level

Owner: Rainier Waterfront Development, Inc. (Michael Avent)

Description: Rainier Beach is currently privately owned. The site was cleared and was initially used for dredged materials following the eruption of Mt. St. Helens in 1980. The site is currently covered by dredged material deposited there from maintenance dredging. It is bordered on the north by an active log decking yard and on the east by a railroad line that parallels the entire site.

There are no improvements on the site and no vegetation cover. There is rip-rap along the Columbia River that borders the site to the east.



Rainier Industrial, O-64.8

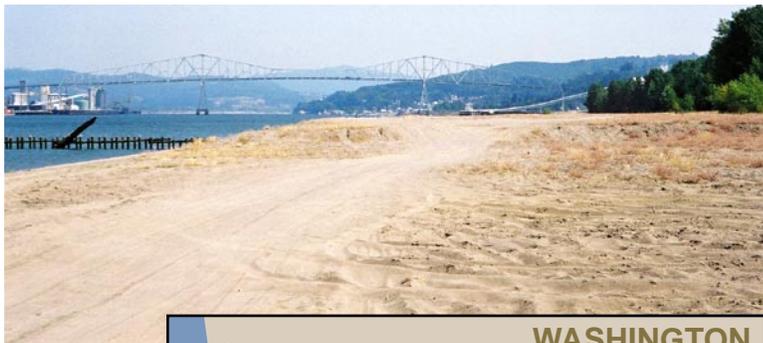
Size: Approximately 53 acres

Elevation: 5 to 30 feet above Mean Sea Level

Owner: Oregon Division of State Lands

Description: The entire Dibbley Point peninsula on which the site is located has received dredge spoils from past dredging operations. Ground surface generally slopes away from the center of the peninsula, toward the Columbia River to the north and toward a backwater slough off the Columbia River to the south. The southeast corner of the property contains an active sand and gravel mining operation. Dredge spoils in this area rise about 10 to 20 feet above the surrounding area.

Approximately 1/4 mile east of the property is the United States Gypsum (USG) sheet-rock plant. The southeast portion of the property is currently being mined for sand and gravel.



Lord Island, O-63.5

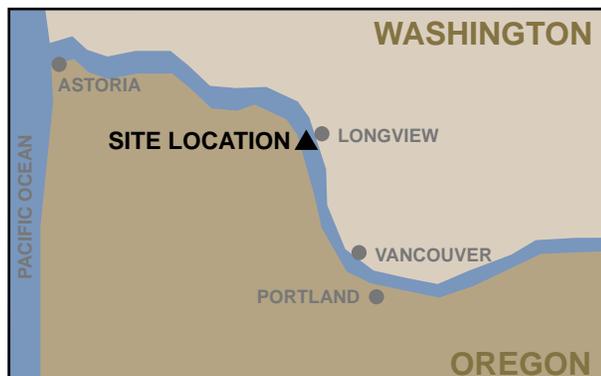
Size: Approximately 46 acres

Elevation: 0 to 30 feet above Mean Sea Level

Owner: Oregon Division of State Lands

Description: Most of the subject property has been covered in the past with material dredged from the Columbia River. The adjacent (downstream) portion of Lord Island, to the west and northwest of the property, is mostly covered with riparian forest and lowland marsh. Steep 20- to 25-foot banks drop off along the edges of the dredge pile to the Columbia River and the offsite portion of Lord Island. The island was historically formed from dredged material. The central portion of the disposal site is relatively level.

The disposal site is diked. There are no other improvements. Offsite (downstream) portions of Lord Island contain slack water, lowland areas, and marsh. Wooded areas extend along the southern and western boundaries of the site. These will be avoided.



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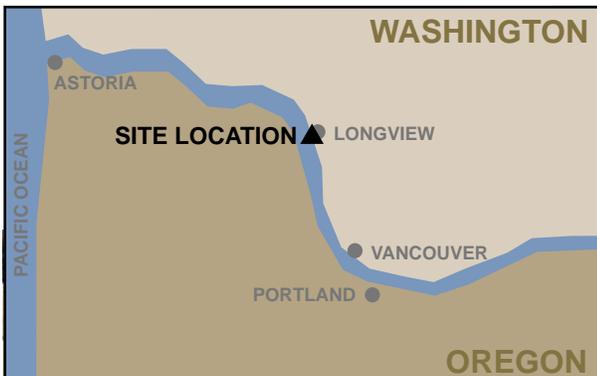
Reynolds Aluminum, W-63.5

Size: Approximately 13-acre site

Elevation: 5 to 30 feet above Mean Sea Level

Owner: Reynolds Aluminum

Description: The property is bordered on the northwest, northeast, and southeast by the former Reynolds Aluminum plant, which is now closed. The entire site is diked and used for disposal. Reynolds Aluminum has used this site in the past as a disposal site for the dredging of the access channel from the main Columbia River Channel to their docking facility. The capacity at this site is limited. The property has been covered in dredge material that is being sold under contract. The only improvement on the site is a drainage system for the material dredged from the Columbia River.



Mount Solo, W-62.0

Size: Approximately 50 acres

Elevation: Approximately 10 feet above Mean Sea Level

Owner: Radakovich family

Description: The property is bounded on the north by a meandering surface water drainage, the east by a Cowlitz County Consolidated Diking District drainage, the south by a dike and the Columbia River, and the west by an undeveloped field.

The topography is nearly level across the entire site. The dike has gentle north and south slopes, and separates the majority of the site from the Columbia River. The center of the site has a slight depression, which was partially filled with water during the site reconnaissance. The northern half of the site slopes slightly to the north-northwest into the meandering surface water drainage ditch. To the west, the topography is relatively flat and similar to that of the subject property

The site has been vacant since 1996. The majority of the adjacent property to the north appears to be an equipment storage yard for Terra Firma, Inc. Adjacent to this property, to the northwest, is the Mt. Solo Landfill. Adjacent to the east of the property, and across the diking district drainage, is a disposal pond. At the southeast corner of the property (offsite) are a Cowlitz County Consolidated Diking District Number 1 pumping station and four large Bonneville Power Administration (BPA) high-voltage towers. West of the site is an undeveloped field that has historically been used for agricultural purposes.

Standing water was observed in the center of the property as well as in two drainage ditches. There are no wastewater services at the property.

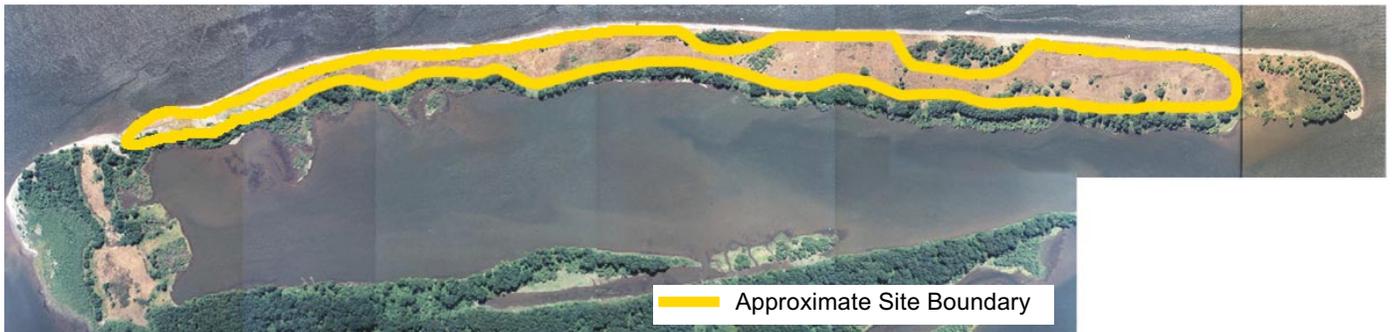


Hump Island, W-59.7

Size: 69 Acres

Owner: Washington Department of Fish and Wildlife/Washington Department of Natural Resources.

Description: Hump Island is a long thin island located between Walker Island and the Columbia River. It is approximately 9,500 feet in length with an average width of 600 feet. There are clusters of cottonwoods on the north and south ends of the island. The site is currently covered by disposal material deposited during maintenance dredging.



Crims Island, O-57.0



Size: Approximately 40 acres

Elevation: 0 to 20 feet above Mean Sea Level

Owner: Oregon Division of State Lands

Description: Most of the subject property has been covered in the past with material dredged from the Columbia River. Steep 5- to 25-foot banks drop off the edges of the sand pile to the Columbia River and adjacent offsite portions of Crims Island. The oblong-shaped property is approximately 3,300 feet long by 500 feet wide and is diked. It is situated along the upstream end of the island.



A narrow slough is located on the south-southwest side of the site, and nearly separates the site from the main body of Crims Island. Wooded areas extend along the southern and western boundaries of the property. These wooded areas will be avoided during disposal.