

11. ASSESSMENT OF PROPOSED SITES

In their existing condition, neither site meets the required criteria to serve as a port facility to support the floating OSW industry. However, with modifications, both the Mack Point and Sears Island sites can achieve or surpass the minimum required criteria.

The criteria discussed in Section 4 of this report deals primarily with the necessary physical characteristics of a port facility, such as quay length and draft at the quay. There are additional criteria that can be used to further evaluate these two sites. This additional criteria is typically graded on a relative scale where one option will outperform another. This additional criteria has been listed and graded in Table 11-1 below. A blue dot in the figure indicates a favorable grading in relation to the other option (site). If there was no discernable advantage in a particular criteria, both sites received a blue dot.

Table 11-1: Site Assessment Criteria

Criteria	Mack Point	Sears Island
Possibilities for expansion		•
Required dredge/disposal quantities		•
Access to existing deep water		•
Existing commercial infrastructure/utilities	•	
Interference with existing operations at site		•
Site length available for quay placement		•
Availability of on-site soils for fill behind earth retaining structure		•
Ease of navigation		•
Remediation cost		•
Rail connectivity	•	
Rail interference		•
Total project cost		•
Construction schedule	•	•