

Table 1-1. Plants Installed at Mowitch and Squally Beach

Scientific Name	Common Name	Mowitch	Squally Beach
Trees			
<i>Pseudotsuga menziesii</i>	Douglas Fir	Yes	Yes
<i>Tsuga heterophylla</i>	Western Hemlock	Yes	Yes
<i>Acer macrophyllum</i>	Big Leaf Maple	Yes	Yes
<i>Alnus rubra</i>	Red Alder	Yes	Yes
Shrubs			
<i>Cornus sericea</i>	Red-Osier Dogwood	Yes	Yes
<i>Mahonia nervosa</i>	Oregon Grape	Yes	Yes
<i>Holodiscus discolor</i>	Oceanspray	Yes	Yes
<i>Rosa nutkana</i>	Nootka Rose	Yes	Yes
<i>Salix hookeriana</i>	Hooker's Willow	Yes	Yes
<i>Gaultheria shallon</i>	Salal	Yes	Yes
<i>Symphoricarpos albus</i>	Common Snowberry	Yes	Yes
<i>Corylus cornuta</i>	Hazelnut	Yes	Yes
<i>Sambucus racemosa</i>	Red Elderberry	Yes	Yes
<i>Ribes sanguineum</i>	Red-Flowering Currant	Yes	Yes
Hydroseeded Grasses and Forbs			
<i>Festuca rubra</i>	Red fescue	Yes	Yes
<i>Lolium perenne var</i>	Barclay Perennial Rye	Yes	Yes
<i>Lupinus albicaulis</i>	Sickle-Keeled Lupine	Yes	Yes
<i>Anaphalis margaritacea</i>	Pearly Everlasting	Yes	Yes
Emergents			
<i>Carex lyngbyei</i>	Lyngby's Sedge	Yes	Yes
<i>Distichlis spicata</i>	Salt Grass	Yes	Yes
<i>Jaumea carnosa</i>	Fleshy Jaumea	Yes	Yes
<i>Salicornia virginia</i>	Pickleweed	No	Yes
<i>Scirpus Americanus</i>	American 3-Square Rush	No	Yes
<i>Triglochim martimum</i>	Seaside Arrowgrass	No	Yes
<i>Deschampsia caespitosa</i>	Tufted Hairgrass	Yes	Yes
<i>Scirpus maritimus</i>	Seacoast Bullrush	No	Yes

Table 2-1. Monitoring Conducted in Year 1 (2002) by Site and Parameter

Site Name	Physical Success Criteria				Biological Success Criteria								
	1	2	3	4	1	2	3	4	5	6	7	8	9
	Intertidal Areal Coverage	Intertidal Stability	Tidal Circulation	Elevation and Channel Morphology	Marsh Development/Areal Coverage	Marsh Development/Species Composition	Marsh Development/ Plant Vigor	Marsh Development/ Herbivory Avoidance	Riparian Vegetation Survival	Riparian Vegetation/Areal Coverage	Fish Access / Presence	Invertebrate Prey Resource Production	Bird Use
Mowitch	X	X	X	X	X	X	X	X	X	X	X	X	X
Squally Beach	X	X	X	X	X	X	X	X	X	X	X	X	X
Middle Waterway (Trustee/Simpson)	X	X		X	X	X	X	X	X	X	X	X	X
Middle Waterway (City of Tacoma)	X	X		X							X		
Yowkwala					X						X		
Skookum Wulge	X										X		
Olympic View											X		
Tahoma Salt Marsh											X		

Table 2-2. Relationship Between Vertical Datums in Commencement Bay

Datum Plane	MLLW (feet)	NGVD 29 (feet)
Highest Estimated Tide	15.50 +/- 0.5	9.18 +/- 0.5
Mean Higher High Water	11.84	5.52
Mean High Water	10.96	4.64
Mean (Half) Tide Level	6.91	0.59
NGVD	6.32	0
Mean Low Water	2.86	-3.46
Mean Lower Low Water	0	-6.32
Lowest Estimated Tide	-4.50 +/- 0.5	-10.82 +/- 0.5

MLLW: mean lower low water

NGVD 29: National Geodetic Vertical Datum of 1929

Source: U.S. Army Corps of Engineers webpage:
www.nws.usace.mil/hh/tides/sp/spgo.htm