



Vegetation Unit Summaries for **Wright Island (WRIS)**

Report date: 7/29/2009

'*' = non-native invasive species

Visit data as of: 7/29/2009

Unit WRIS*001

Size: 1.33 Acres

NVCS Class: Herbaceous

NVCS Subclass: Perennial graminoid vegetation

NVCS Group: Temperate grassland

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: unknown

Landform: Side-hill, Lower 3rd

Slope: Extremely Steep (over 30%)

Aspect: South

Visit date: 10/7/2004

Ecological Health: Severely Degraded.

% Tree canopy: 0%

% Non-Native Cover: 100

General Note:

This unit is located on the bottom slope of the dike on the north shore of the slough across from Wright island.

Management Note:

This unit is almost exclusively reed canarygrass.

Primary Management concerns: Invasives.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Phalaris arundinacea (reed canarygrass)	over 75%				
Bidens frondosa (devil's leafy beggarticks)		trace			
Gnaphalium palustre (western cudweed)		trace			

Unit WRIS*003

Size: 1.87 Acres

NVCS Class: Herbaceous

NVCS Subclass: Perennial forb vegetation

NVCS Group: Temperate perennial forb vegetation

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: unknown

Landform: Broad flat > 600'

Slope: Flat (0 to 5%)

Aspect: West

Visit date: 10/7/2004

Ecological Health: Poor.

% Tree canopy: 0%

% Non-Native Cover: 45

General Note:

This unit consists of the tidal flats surrounding the island. The vegetation on the west end of the island is included in this survey.

Wetland indicators: Streams, Hydrophilic Vegetation, Flood Debris, Saturated Soils, Standing Flowing Water.

Primary Management concerns: Invasives, Litter, Large Refuse.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Phalaris arundinacea (reed canarygrass)	20% to 50%	Y			
Veronica americana (American brooklime)	20% to 50%	Y			
Bidens frondosa (devil's leafy beggarticks)		1% to 10%			
Eleocharis palustris (common spikerush)	1% to 10%				
Epilobium ciliatum (willowherb)	1% to 10%				
Juncus sp (juncus)	1% to 10%				
Agrostis sp. (bentgrass)	trace				
Bidens cernua (nodding beggartick)	trace				
Eleocharis ovata (ovate spikerush)	trace				
Lythrum salicaria (purple loosestrife)	trace				
Mentha arvensis (wild field Canadian Mint)	trace				
Polygonum hydropiper (waterpepper)	trace				
Potentilla palustris (marsh purple cinquefoil)	trace				
Solanum dulcamara (bittersweet nightshade)	trace				
Xanthium strumarium (rough cocklebur)	trace				

Unit WRIS*004

Size: 1.14 Acres

NVCS Class: Woodland

NVCS Subclass: Deciduous woodland

NVCS Group: Cold-deciduous woodland

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.869 North Pacific Lowland Riparian Forest and Shrubland

Landform: Bench/Terrace

Slope: Flat (0 to 5%)

Aspect: North

Notes:

Visit date: 10/7/2004

Ecological Health: Fair.

% Tree canopy: 55%

% Non-Native Cover: 5

General Note:

This unit is comprised of the upper bench of the island and the steep sidehills that connect down to the tidal flat area surrounding the island.

Management Note:

An extensive homeless camp was recently here, accounting for most of the litter, large debris, and informal trails in the unit. There are 2 non-native Acer trees on the island, one is quite large. It is not apparent if these trees are regenerating nearby.

Eco Note:

Several large Crataegus douglasii were found along the unit, the largest measuring 14" DBH. A train trestle is built on the middle of the island, related structure extends to the water on both sides of the island.

Primary Management concerns: Invasives, Soil Compaction, Litter, Large Refuse, Homeless Camp, Informal Trails.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Fraxinus latifolia (Oregon ash)	20% to 50%	Y	10-20"	Y	

Cornus sericea ssp. sericea (red-osier dogwood)	20% to 50%	Y		
Populus balsamifera ssp. trichocarpa (black cott	10% to 20%	Y	20-30"	Y
Rosa pisocarpa (cluster wild peafruit swamp Rose	10% to 20%			
Rubus ursinus (trailing blackberry)	10% to 20%			
Crataegus douglasii (Douglas' black hawthorn)	1% to 10%		10-20"	
Conium maculatum (poison hemlock)	1% to 10%			
Oenanthe sarmentosa (Pacific water-parsely)			1% to 10%	
Salix lucida ssp. lasiandra (Pacific willow)	1% to 10%			
Symphoricarpos albus (snowberry)	1% to 10%			
Dipsacus sylvestris (teasel)	trace			
Galium aparine (cleavers)	trace			
Phalaris arundinacea (reed canarygrass)	trace			
Rubus discolor (Himalayan blackberry)	trace			
Senecio jacobaea (tansy ragwort)	trace			

Unit WRIS*006

Size: 1.35 Acres

NVCS Class: Woodland

NVCS Subclass: Deciduous woodland

NVCS Group: Cold-deciduous woodland

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.869 North Pacific Lowland Riparian Forest and Shrubland

Landform: Side-hill, Lower 3rd

Slope: Extremely Steep (over 30%)

Aspect: North

Visit date: 10/7/2004

Ecological Health: Poor.

% Tree canopy: 50%

% Non-Native Cover: 80

General Note:

This unit consists of the bank on the south shore of the slough across from Wright Island.

Management Note:

Blackberry is completely infesting the upper bank, clematis is thriving in the trees, and reed canarygrass dominates the lower shore.

Eco Note:

There is a large concrete CSO pipe draining into the slough from the bank. A train trestle forms the western boundary of the unit.

Wetland indicators: Streams, Hydrophilic Vegetation, Saturated Soils, Standing Flowing Water.

Primary Management concerns: Invasives, Utility Infrastructure.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Rubus discolor (Himalayan blackberry)	50% to 75%	Y			
Populus balsamifera ssp. trichocarpa (black cott	20% to 50%	Y	20-30"	Y	
Phalaris arundinacea (reed canarygrass)	20% to 50%	Y			
Veronica americana (American brooklime)	10% to 20%	Y			
Clematis vitalba (clematis)	1% to 10%				
Cornus sericea ssp. sericea (red-osier dogwood)	1% to 10%				