PORTLAND PARKS & RECREATION
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Vegetation Unit Summaries for **Madrona Park (MAD)**

Report date: 7/29/2009 '*' = non-native invasive species
Visit data as of: 7/29/2009

Unit MAD*001

Size: 3.71 Acres
NVCS Class: Forest
NVCS Subclass: Deciduous forest
NVCS Group: Cold-deciduous forest
NVCS SubGroup: Natural / Semi-natural
NVCS Ecological System: CES204.852 North Pacific Oak Woodland
Landform: Side-hill, Middle 3rd
Slope: Extremely Steep (over 30%)
Aspect: West
Notes:

Visit date: 9/17/2004

Ecological Health: Severely Degraded.
% Tree canopy: 65%
% Non-Native Cover: 95
General Note:
Forested unit between Greeley Avenue and railroad tracks.
Management Note:
There is a big homeless camp with dug out steps leading down to camp from Greeley Avenue.
Eco Note:
Understory is completely invaded.
Primary Management concerns: Invasives, Litter, Large Refuse, Homeless Camp, Informal Trails.
Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Acer macrophyllum (bigleaf maple)	20% to 50%	Y	10-20"	Y	
Quercus garryana (Oregon white oak)	20% to 50%	Y	10-20"		
Clematis vitalba (clematis)	20% to 50%	Y			
Rubus discolor (Himalayan blackberry)	20% to 50%	Y			
Arbutus menziesii (Pacific madrone)	1% to 10%		10-20"	Y	
Populus balsamifera ssp. trichocarpa (black cott	1% to 10%		10-20"	Y	
Crataegus monogyna (European hawthorn)	1% to 10%				
Hedera helix (English ivy)	1% to 10%				
Ilex aquafolium (English holly)	1% to 10%				
Aesculus hippocastanum (horsechestnut)	trace		0-5"	Y	
Cirsium arvense (Canadian Thistle)	trace				
Corylus cornuta (western beaked hazelnut)	trace				
Hypericum perforatum (common St. John's wort)	trace				
Lapsana communis (common nipplewort)	trace				
Taraxacum officinale (common dandelion)	trace				
Trifolium pratense (red clover)	trace				

Unit MAD*002

Size: 2.77 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, Upper 3rd
Slope: Extremely Steep (over 30%)
Aspect: West
Notes:

Visit date: 9/17/2004

Ecological Health: Severely Degraded.
% Tree canopy: 60%
% Non-Native Cover: 100
General Note:
Upper bluff above Greeley Avenue.
Management Note:
To restore this unit would probably require nuking the understory and starting over.
Eco Note:
The shrub and forb layer is composed entirely of invasive species.
Primary Management concerns: Invasives, Litter, Large Refuse, Yard Debris, Homeless Camp, Informal Trails.
Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Populus balsamifera ssp. trichocarpa (black cott	20% to 50%	Y	10-20"	Y	
Hedera helix (English ivy)	20% to 50%	Y			
Ilex aquafolium (English holly)	20% to 50%	Y			
Rubus discolor (Himalayan blackberry)	20% to 50%	Y			
Acer macrophyllum (bigleaf maple)	20% to 50%		10-20"	Y	
Crataegus monogyna (European hawthorn)	20% to 50%				
Clematis vitalba (clematis)	10% to 20%				
Arbutus menziesii (Pacific madrone)	1% to 10%		5-10"	Y	
Robinia pseudo-acacia (black locust)	1% to 10%		5-10"	Y	
Acer circinatum (vine maple)	1% to 10%				
Rubus parviflorus (thimbleberry)	1% to 10%				
Vinca minor (common small-leaf periwinkle)	1% to 10%				
Aesculus hippocastanum (horsechestnut)	trace		0-5"		
Cornus nuttallii (Pacific dogwood)	trace		0-5"		
Prunus avium (sweet pie cherry)	trace		0-5"		
Alliaria petiolata (garlic mustard)	trace				
Galium aparine (cleavers)	trace				
Geranium molle (Dovefoot)	trace				
Lapsana communis (common nipplewort)	trace				
Ligustrum vulgare (European privet)	trace				
Lunaria annua (annual honesty)	trace				
Prunus laurocerasus (English laurel)	trace				
Sisymbrium officinale (hedgemustard)	trace				
Sonchus oleraceus (sow thistle)	trace				
Taraxacum officinale (common dandelion)	trace				

Unit MAD*003

Size: 0.80 Acres
NVCS Class: Shrubland
NVCS Subclass: Deciduous shrubland
NVCS Group: Cold-deciduous shrubland
NVCS SubGroup: Natural / Semi-natural
NVCS Ecological System: CES204.087 North Pacific Montane Shrubland
Landform: Side-hill, Middle 3rd
Slope: Extremely Steep (over 30%)
Aspect: West

Notes:

Visit date: 9/17/2004

Ecological Health: Severely Degraded.

% Tree canopy: 15%

% Non-Native Cover: 100

General Note:

Unit is located west of N. Greeley Avenue.

Management Note:

Unit is dominated by RUDI and CLVI.

Eco Note:

Unit is situated on a bluff overlooking the Willamette River. RUDI dominates the forb and shrub layer with CLVI overtopping it and all of the trees.

Primary Management concerns: Invasives.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Clematis vitalba (clematis)	over 75%	Y			
Rubus discolor (Himalayan blackberry)	20% to 50%	Y			
Acer macrophyllum (bigleaf maple)	1% to 10%		5-10"	Y	
Pseudotsuga menziesii (Douglas fir)	trace		10-20"		

Unit MAD*004

Size: 1.16 Acres

NVCS Class: Shrubland

NVCS Subclass: Deciduous shrubland

NVCS Group: Cold-deciduous shrubland

NVCS SubGroup: Natural / Semi-natural

NVCS Ecological System: CES204.852 North Pacific Oak Woodland

Landform: Side-hill, Middle 3rd

Slope: Extremely Steep (over 30%)

Aspect: West

Notes:

Visit date: 9/17/2004

Ecological Health: Severely Degraded.

% Tree canopy: 20%

% Non-Native Cover: 80

General Note:

Unit is located on the northwest corner of N Going Street and N Greeley Avenue. Species of Interest: QUGA4, ARME.

Management Note:

Unit is dominated by RUDI and other invasives such as CYSC4 and LALA4.

Eco Note:

This unit is situated on a steep bluff overlooking the Willamette River floodplain. Surrounded by industry, this park is highly impacted by noise, pollution, and heavy traffic.

Primary Management concerns: Invasives, Litter, Hardscape Infrastructure.

Visit Species:

	COVER CLASS	DOMINANT	DBH	REGENERATING	PLANTED
Rubus discolor (Himalayan blackberry)	50% to 75%	Y			
Quercus garryana (Oregon white oak)	1% to 10%		10-20"		
Acer macrophyllum (bigleaf maple)	1% to 10%		0-5"	Y	
Artemisia douglasiana (Douglas's California Mugw	1% to 10%				
Cytisus scoparius (Scot's broom)	1% to 10%				
Holcus lanatus (velvet grass)	1% to 10%				
Lathyrus latifolius (perennial pea)	1% to 10%				

Toxicodendron diversilobum (poison oak)	1% to 10%	
Arbutus menziesii (Pacific madrone)	trace	10-20"
Convolvulus arvensis (morning glory)	trace	
Conyza canadensis (Canadian Horseweed)	trace	
Crataegus monogyna (European hawthorn)	trace	
Daucus carota (Queen Anne's lace)	trace	
Hypericum perforatum (common St. John's wort)	trace	
Lapsana communis (common nipplewort)	trace	
Tanacetum vulgare (common tansy)	trace	
Verbascum blattaria (moth mullein)	trace	