Environmental Stewardship Project
Qualitative Ground Survey

Date: 8/20/13  Time: 6:55 pm - observations
Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Site (circle): Yowkwala (YWK), Skookum Wulge (SKW), Squally Beach (SQB), Mowitch (MOW), Jordan/Lower Hylebos Marsh (JOR), Middle Waterway - Simpson (MWS), Middle Waterway - City (MWC), Olympic View (OVRA), Tahoma Salt Marsh (TSM), Swan Creek (SWN)

Steward(s) Present (Volunteer, Staff): D. Pooley, M. Henley, K. O’Connell  Weather: sunny, warm

<table>
<thead>
<tr>
<th>Qualitative Observations:</th>
<th>Hillslope/Riparian</th>
<th>Backshore/Marsh</th>
<th>Beach (below 9 MLLW)</th>
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<tbody>
<tr>
<td>Survival of recent plantings</td>
<td>n/a</td>
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<tr>
<td>Plant Damage by animals (percent damage)</td>
<td>Tent caterpillars 1'</td>
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<tr>
<td>Plant Vigor (list species)</td>
<td>all</td>
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<tr>
<td>Plant Disease/Stress (percent by species)</td>
<td>Some drought</td>
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<tr>
<td>Supplemental Planting Needed</td>
<td>Not @ this time</td>
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<tr>
<td>Human Impacts (general)</td>
<td>None noted</td>
<td></td>
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<tr>
<td>Trash (volume)</td>
<td></td>
<td></td>
<td>Minor debris/high tide line</td>
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<tr>
<td>Vandalism (extent)</td>
<td>None noted</td>
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<tr>
<td>Perimeter Fencing (condition/maintenance needs)</td>
<td>Good</td>
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<tr>
<td>Goose Exclusion Fencing (condition/maintenance needs)</td>
<td>N/A</td>
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<tr>
<td>Large Woody Debris (recruitment, presence)</td>
<td>Yes, yes some log escapees</td>
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<td>Mulch (quantity needed)</td>
<td>Not @ this time</td>
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<tr>
<td>Erosion/Sedimentation</td>
<td>No significant</td>
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Vegetation:

Invasive Species and Location: wh, swt, clre

Volunteer Species and Location: no new noted.
General Vegetation Notes: Juncus trimmed up 14' on NW side of [ ] marsh per owner request, plans to install 6' fence.

Wildlife Notes (Species observed, other evidence):
Gr. Blue Heron, cricket, crow

General Comments:
Sign moved for MWS to near substation (Deb has pic from Geoff)

Photo Points (Record Picture # and Time):

<table>
<thead>
<tr>
<th>Site</th>
<th>P 1</th>
<th>P 2</th>
<th>P 3</th>
<th>P 4</th>
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<tbody>
<tr>
<td></td>
<td>3:23 pm</td>
<td>3:25 pm</td>
<td>3:21 pm</td>
<td>3:19 pm</td>
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<td>P 5</td>
<td></td>
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<tr>
<td>3:18 pm</td>
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<td>3:16 pm</td>
<td>3:14 pm</td>
<td>3:06 pm</td>
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<td>P 10</td>
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<tr>
<td>3:12 pm</td>
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MWC Photo order taken: 9, 8, 10, 7, 6, 5, 4, 3, 1, 2

Views taken out of order 2, 3, 1
## Adaptive Management Treatment/Solution - Proposed List

<table>
<thead>
<tr>
<th>Site Code</th>
<th>Description (zone, species/asset, need)</th>
<th>Labor Estimate</th>
<th>Materials Estimate</th>
<th>Priority (i.e. 1, 2, 3)</th>
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