



## ENVIRONMENTAL STEWARDSHIP PROJECT

# YEAR 2 ANNUAL REPORT

OCTOBER 26, 2010



Prepared for:

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Prepared by:

CITY OF TACOMA

## **1.0 Introduction**

In accordance with the terms and conditions of the Settlement Agreement between the U.S. Environmental Protection Agency and the City of Tacoma, and the associated Annual Scope of Work, this report presents the progress of the Long Term Environmental Site Stewardship Project during the period between October 1, 2009 and September 30, 2010. This project was undertaken in connection with the settlement of an enforcement action taken by the United States Environmental Protection Agency for violations of CERCLA. As the submittal date for the quarterly report and annual report fall on the same day, we have incorporated all of the information into one document in an effort to reduce redundancy.

The Environmental Stewardship Project (ESP) resulted from the need to provide long-term care for restoration sites within the Commencement Bay/Puyallup River watershed that no longer have regulatory or legal requirements for maintenance, monitoring, or adaptive management. The primary goal of the ESP is to “ensure the health of the restoration projects in the Puyallup River watershed so they continue to provide function and value.” The City is fulfilling the role of Steward for the following sites:

- Yowkwala
- Skookum Wulge
- Squally Beach
- Mowitch
- Jordan/Lower Hylebos Marsh
- Middle Waterway, City of Tacoma
- Middle Waterway, Simpson
- Olympic View, City/DNR
- Tahoma Salt Marsh
- Swan Creek

The City will continue to fulfill the role of Steward under the direction of the Natural Resource Damage Trustees (Trustees) until such time that the penalty monies which have been placed in escrow for this purpose have been exhausted.

## **2.0 Site by Site Summaries**

The following is a site by site summary of general site observations, work completed during the reporting period, summary of data collected, and proposed tasks.

### **2.1 Yowkwala**

The Yowkwala site is located on the northeast shore of Commencement Bay near the mouth of the Hylebos Waterway. These 15 acres were set aside for preservation of the shoreline’s intertidal habitat areas and native vegetation. The site consists of a rocky beach, a relatively flat backshore, riparian planted area, and a steep forested hillslope behind (see figure in Attachment 1). The majority of the work on this site will take place in the backslope riparian planting area. Access to this site is primarily from a private marina parking lot, Tyee Marina, to the southeast. In addition, there are two pullouts above the hillslope off of Marine View Drive that provide viewing areas, but no access points.

This site was set aside by the Trustees, and a beach cleanup including the removal of two derelict barges was completed in 2000. Citizens for a Healthy Bay (CHB) performed stewardship, monitoring, and maintenance activities at this site under an agreement with the Trustees that expired at the end of 2009. With the execution of the Settlement Agreement in August 2008, the City began providing stewardship of this site. The City has entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

Year 2 inspections took place at this site on October 8 2009, December 3, 2009, February 9, 2010, April 22, 2010, June 24, 2010, and August 31, 2010. Photo points were established during Year 1 as shown on the attached figure. Where possible, photos were taken at these points by the City in February and August as required by the Settlement Agreement. Some of the photo point locations were adjusted to accommodate tidal conditions and missing photo points. Photos were taken to best replicate the field of view of previous photos. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

Trash and invasive species removal are the primary concerns at this site. Invasive species present at the site include poison oak, pepperweed, blackberry, butterfly bush, Scot's broom, dock, thistle, nightshade, and pampas grass. Gumweed, pickleweed, fleshy jaumea, black raspberry, and dune grass are volunteering at the site. Some additional plantings have been made, and more are needed at the site, although Dri-water or some other means of temporary irrigation and mulch may be needed during plant establishment depending on the timing. Continuing evidence of beach bonfires and associated party trash were noted. This is a long-standing problem at this site.

This site is owned by the Puyallup Tribe of Indians. On October 21, 2010, the City received signed copies from the tribe and those are now routing through the City signature process. Previously, authorization for site access was provided on a case-by-case basis. Therefore, some projects planned for this site may have experienced limited on-site assistance by City staff and crews and may have been reduced in scope and/or delayed.

Bi-monthly monitoring data are summarized in the data spreadsheet (see Table 1 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 18 – WCC completed garbage sweep of site;
- January 26, 27, 28 – WCC began removal of invasives at the north end of site;
- February 3 – WCC completed garbage sweep of site;
- March 4, 30 – WCC performed removal of pepperweed;
- April 6 – WCC performed removal of invasives and a garbage sweep;
- June 19 – CHB conducted a volunteer invasive removal event;
- July 14 – An EarthCorps crew removed approximately 3½ cubic yards of invasives; and
- July 24 – CHB conducted a volunteer shoreline cleanup event.

Work proposed for this site in the coming year includes ongoing invasive species and trash removal, and supplemental planting in the area affected by the burn as well as in the backshore area and the trail (see Task List in Attachment 3).

## **2.2 Skookum Wulge**

The Skookum Wulge site is located on the northeast shore of Commencement Bay near the mouth of the Hylebos Waterway. This narrow strip of 1.19 acres has been set aside for preservation of the shoreline's intertidal habitat areas and native vegetation. The site consists of a rocky beach, a small backshore embayment, and an upper riparian planted area (see Figure in Attachment 1). There is approximately a 3-4 foot elevation difference between the planted area and the upper beach due to erosion. The majority of the work on this site will take place in the riparian planting area, although some erosion protection measures may take place on the upper beach. Access to this site is primarily from a turnout off of Marine View Drive adjacent to the site.

This site was set aside by the Trustees for protection in 1999. No active restoration of the site happened initially. CHB performed stewardship, monitoring, and maintenance activities at this site under an agreement with the Trustees that expired at the end of 2009. With the execution of the Settlement Agreement in August 2008, the City began providing stewardship of this site. The City has entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

Year 2 inspections took place at this site on October 8, 2009, December 3, 2009, February 9, 2010, April 27, 2010, June 25, 2010, and August 31, 2010. Photo points were established during Year 1 as shown on the attached figure. Photos were taken at these points by the City in February and August as required by the Settlement Agreement. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

Invasive removal and new, native plantings are the primary activities which are needed at this site. Invasive species present at the site include blackberry, ivy, morning glory, white sweet clover, pepperweed and Japanese Knotweed. Knotweed was not injected in 2010 due to permitting and access issues. Some big leaf maple, salt grass, and gumweed are volunteering/present at the site. Erosion of the shoreline continues.

This site is owned by the Puyallup Tribe of Indians. On October 21, 2010, the City received signed copies from the tribe and they are now routing through the City signature process. Previously, authorization for site access was provided on a case-by-case basis. Therefore, some projects planned for this site may have experienced limited on-site assistance by City staff and crews and may have been reduced in scope and/or delayed.

Bi-monthly monitoring data are summarized in the data spreadsheet (see Table 2 in Attachment 1). The following activities were completed at the site during the reporting period:

- October 14, 20, and 22 – WCC prepared the north half of the site for topsoil placement and hydroseed application;

- October 17, 24 – CHB conducted volunteer invasive removal events;
- October 23, 24 – City’s Streets and Grounds Division performed topsoil placement and hydroseeding;
- November 7 – CHB held volunteer planting/mulching event;
- November 18 – WCC completed garbage sweep of site;
- January 26 – WCC checked on site and repaired silt fence;
- February 17– WCC planted 41 native plants on slope;
- March 22 – WCC transplanted plants that were within 6 feet of the eroding edge;
- April 7 – WCC performed removal of invasives and a garbage sweep and planted 112 natives on the slope;
- July 13 – An EarthCorps crew removed a wooden dock that washed up on the beach;
- July 24 – A volunteer shoreline cleanup event was conducted by CHB and included removal of debris from this site; and
- August 14 – A public event was conducted by CHB to perform invasive removal on the south half of the site.

Work proposed for this site in the coming year includes ongoing invasive species and trash removal, placement of erosion control matting and mulch/topsoil in weeded areas, supplemental planting with native species, and enhancement of the beach plant community (see Task List in Attachment 3).

### **2.3 Squally Beach**

The Squally Beach site is located on the northeast shore of Commencement Bay just north of the 11<sup>th</sup> Street Bridge (see figure in Attachment 1). Seeps from the hill above are diffused over the shoreline creating an area of brackish marsh and backwater pools. This 0.66 acre site provides intertidal habitat, riparian habitat and native vegetation. The site consists of small raised island areas within the marsh area. A wooded strip of riparian area separates the site from the adjacent roadway. The majority of the work will take place in the marsh area, but some work may be required in the wooded area adjacent to the roadway. Access to the site is from a turnout off of Marine View Drive toward the northwest end of the site.

Development of this site was completed by the Trustees in 2000. CHB performed stewardship, monitoring, and maintenance activities at this site under an agreement with the Trustees that expired at the end of 2009. With the execution of the Settlement Agreement in August 2008, the City began providing stewardship of this site. The City has entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

Year 2 inspections took place at this site on October 8, 2009, December 3, 2009, February 9, 2010, April 27, 2010, June 11, 2010, June 25, 2010 and August 31, 2010. Photo points were established during Year 1 as shown on the attached figure. Photos were taken at these points by the City in February and August as required by the Settlement Agreement. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

The fencing that was initially installed on site to protect the young plants from the smothering effects of large woody debris has been modified to include only the posts at this time. The site will be monitored through the winter months and if all goes well some or all posts may be removed at some time in the future.

The site appears to be generally well-established with native vegetation including willow, alder, pickleweed, orache, cattails, etc., but there are some invasive species present as well. There are two issues of primary concern related to these invasive species. The first is the knotweed that is present in the area adjacent to the site to the northwest as well as in the middle of the site. In particular, controlling it at the northwest end will be necessary to prevent it from continuing to be a problem on this site. The knotweed was not injected in 2010 due to permitting and access issues. The second is the noted presence of *Spartina angelica*. Its presence was first identified on the site in October 2009, and the WCC removed the identified clumps. It was found again during the August inspection, and was present over a larger area of the site. The City notified US Fish and Wildlife (Judy Lantor), who in turn notified the Department of Agriculture. A crew from the Department of Agriculture specializing in the control of this invasive species removed over 90+ identified plants on September 30, 2010, and will continue to monitor the site. This is the first identified presence of this species in Commencement Bay.

This site is owned by the Puyallup Tribe of Indians. On October 21, 2010, the City received signed copies from the tribe and they are now routing through the City signature process. Previously, authorization for site access was provided on a case-by-case basis. Therefore, some projects planned for this site may have experienced limited on-site assistance by the City staff and crews and may have been reduced in scope and/or delayed.

Bi-monthly monitoring data are summarized in the data spreadsheet (see Table 3 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 18 – WCC completed garbage sweep of site;
- January 25, 26 – WCC removed invasive species;
- April 7 – WCC performed removal of invasives and a garbage sweep;
- June 17 – WCC performed a garbage sweep;
- July 10 – CHB conducted a volunteer event for removal of invasive species and removal of fencing materials;
- July 24 – CHB conducted a volunteer shoreline cleanup event which included removal of debris from this site; and
- September 30 – Removal of *Spartina angelica* by a crew from the Department of Agriculture.

Work proposed for this site in the coming year includes ongoing invasive species and trash removal, and additional plantings on the islands and in the riparian areas, mainly the areas previously inhabited by knotweed (see Task List in Attachment 3).

## **2.4 Mowitch**

The Mowitch site is located at the head of the Hylebos Waterway. This 2.3 acre site provides intertidal backwater fingers that enable brackish marsh vegetation to grow and foraging and refuge habitat for salmonids. The site consists of one island marsh area and three other marsh areas separated by backchannel areas. An upland riparian zone separates the habitat area from an adjacent industrial site (see figure in Attachment 1). The majority of the work on this

site will take place in the marsh areas. Access to the site is from the southeast corner of the site off of Marine View Drive and adjacent to the railroad tracks.

Development of this site was completed by the Trustees in 2000. CHB performed stewardship, monitoring, and maintenance activities at this site under an agreement with the Trustees that expired at the end of 2009. With the execution of the Settlement Agreement in August 2008, the City began providing stewardship of this site. The City has entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

This site is owned by the Port of Tacoma, and the City recently executed a site access agreement with the Port. Prior to the date of the access agreement, work activities were authorized on a case-by-case basis.

Year 2 inspections took place at this site on October 8, 2009, December 10, 2009, February 9, 2010, April 27, 2010, June 25, 2010, and August 25, 2010. Photo points were established during Year 1 as shown on the attached figure. Photos were taken at these points by the City in February and August as required by the Settlement Agreement. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

The site appears generally healthy with some plant stress in the riparian area noted due to the recent dry weather. Several species of plants are volunteering at the site, including pickleweed, orache, fleshy jaumea, and brass buttons, along with one happy gumweed plant. There are also some invasive plant species present, most notably Himalayan blackberry, bird's foot trefoil, pepperweed, tansy, reed canary grass, white sweet clover, and phragmites. Much of the goose exclusion fencing has been removed, and no increase in predation was noted. Overall, the site is in good condition. While the shrubs, shore pine and Douglas fir are all doing well, some additional planting of canopy species will be beneficial to the site.

Quarterly monitoring data are summarized in the data spreadsheet (see Table 4 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 18 – WCC completed garbage sweep of site;
- January 26 – WCC removed invasives;
- March 4, 22, 29 – WCC removed invasives including pepperweed and deconstructed goose exclusion;
- May 4, 5, 6 – WCC grubbed invasives, removed three goose exclusion nodes, and recycled the metal;
- September 7, 8 – WCC grubbed invasives including phragmites; and
- September 20 – WCC performed knotweed injection and invasive removal.

Work proposed for this site in the coming year includes ongoing invasive species and trash removal, applying mulch around existing plants, and additional plantings in the riparian and island areas (see Task List in Attachment 3).

## 2.5 Jordan/Lower Hylebos Marsh

The Jordan/Lower Hylebos Marsh site is located directly adjacent to Hylebos Creek in Fife, just downstream of the 4<sup>th</sup> Street bridge. The 15.3 acres site provides off channel intertidal habitat for fish migration, rearing, foraging, and refuge. The site consists of a steep, wooded hillslope, a public walking trail, planted riparian areas, marsh areas, and islands (see figure in Attachment 1). The majority of work at this site will be performed in the planted riparian and marsh areas, as well as on the islands. Some work may be performed on the lower hillslope adjacent to the walking path. Access to the site is from 4<sup>th</sup> Street East or 8<sup>th</sup> Street East at the northwest or southeast sides of the site, respectively.

Development of this site was completed by the Trustees in 2005. Until recently, the non-profit group Friends of the Hylebos (FOH) was working under agreement with the Trustees to perform stewardship, monitoring, and maintenance activities at this site. The FOH agreement with the Trustees expired in June 2008. With the execution of the Settlement Agreement in August 2008, the City began providing stewardship of this site. The City entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. FOH is working under a subcontract with CHB for continued stewardship of this site. The City, CHB, and FOH are working cooperatively to ensure that the efforts of each entity are complementary.

Year 2 inspections took place at this site on October 8, 2009, December 10, 2009, February 3, 2010, April 28, 2010, June 14, 2010, and August 25, 2010. Photo points were established during Year 1 as shown on the attached figure. Where possible, photos were taken at these points by the City in February and August as required by the Settlement Agreement. Some of the photo point locations were adjusted to accommodate site conditions and missing photo points. Photos were taken to best replicate the field of view of previous photos. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

Overall the site appeared to be in good condition. Invasive species are the primary concern at this site, with species including Himalayan blackberry, reed canary grass, knotweed, and purple loosestrife being of the most concern. Alder continue to thrive at the site and a removal/thinning action was performed in August. Subsequently, the Trustees expressed concern that the activities performed did not meet their expectations. The City is continuing to follow up with the Trustees and others to remedy the issue.

Quarterly monitoring data are summarized in the data spreadsheet (see Table 5 in Attachment 1). The following activities were completed at the site during the reporting period:

- October 27, 28 – WCC crew brush cut blackberry on east side of trail and performed garbage pick-up. The crew also reset the small stewardship sign placed near the educational project sign;
- February 2, 25 – WCC completed garbage sweep of site;
- July 26, 27, 28, 29 – WCC grubbed invasives, tied reed canary grass, and performed a garbage sweep;
- August 9, 10, 11, 26 – FOH/Restoration Logistics performed alder thinning; and
- September 20 – WCC injected knotweed.

Work proposed for this site in the coming year includes ongoing invasive species and trash removal and planting of the slopes on the east side of the trail as well as any activities related to the resolution of the alder thinning action (see Task List in Attachment 3).

## **2.6 Middle Waterway, City of Tacoma**

The Middle Waterway, City of Tacoma site is located at the head of the Middle Waterway near 11<sup>th</sup> Street (see figure in Attachment 1). This 1.85 acre site provides intertidal habitat and salt marsh vegetation beneficial for juvenile salmonid migration. The riparian areas provide habitat for shore birds and other wildlife. The majority of the work at this site will be performed in the marsh area and riparian areas. Access to this site is off of F Street or 11<sup>th</sup> Street.

This site was constructed by the City of Tacoma in 2000. While the City's obligation under its Consent Decree required monitoring and maintenance of the site for only five years, the City continued to maintain the site since those five years lapsed in 2006. With the execution of the Settlement Agreement in August 2008, the City is again under obligation to provide ongoing stewardship of this site. The City entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

Year 2 inspections took place at this site on October 21, 2009, December 10, 2009, February 9, 2010, April 28, 2010, June 26, 2010, and August 10, 2010. Photo points were established during Year 1 as shown on the attached figure. Photos were taken at these points by the City in February and August as required by the Settlement Agreement. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

Overall, the site is in very good condition. Invasive species removal is the primary concern at this site. Invasive species present at the site include white sweet clover, Himalayan blackberry, butterfly bush, dame's rocket, nightshade, and knapweed. Fleshy jaumea, pickleweed, and saltgrass are continuing to spread well at the site. Some additional plantings are planned along F Street in both the riparian and high marsh areas and in the side riparian area adjacent to the back of the substation. Some mulch may be needed in association with this additional planting.

Quarterly monitoring data are summarized in the data spreadsheet (see Table 6 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 19 – WCC completed garbage sweep of site;
- January 20 – WCC removed invasive pampas grass and blackberry. Crew also cut back vegetation from the 11<sup>th</sup> Street sidewalk;
- February 17, 24 – WCC planted 206 natives in identified riparian areas;
- March 3, 30 – WCC removed invasives and completed garbage sweep;
- April 7 – WCC grubbed invasives and planted 100 native plants;
- April 28 – WCC performed an invasive sweep;
- June 3 – WCC performed invasive removal and a garbage sweep;
- August 4 – WCC grubbed invasives; and
- September 8, 9 – WCC performed invasive removal and a garbage sweep.

Work proposed for this site in the coming year includes ongoing invasive and trash removal, additional plantings along F Street and adjacent to the substation, and maintenance of access points (see Task List in Attachment 3).

## **2.7 Middle Waterway, Simpson**

The Middle Waterway, Simpson site is located at the head of the Middle Waterway near 11<sup>th</sup> Street, and adjacent to the Middle Waterway (City) site. This site provides intertidal habitat and salt marsh vegetation beneficial for juvenile salmonid migration. The riparian areas provide habitat for shore birds and other wildlife. A combination of mudflat areas, beach areas, and bank/wooded areas are present at the site (see figure in Attachment 1). The majority of the work will take place in the beach areas, however, most of the invasive species removal will occur in the bank/wooded areas. Access to this site is off of the Middle Waterway Access Road.

This site was constructed by Simpson in 1996. CHB performed stewardship, monitoring, and maintenance activities at this site under an agreement with the Trustees that expired at the end of 2009. With the execution of the Settlement Agreement in August 2008, the City began providing stewardship of this site. The City has entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

Year 2 inspections took place at this site on October 21, 2009, December 10, 2009, February 3, 2010, April 28, 2010, June 26, 2010, and August 10, 2010. Photo points were established during Year 1 as shown on the attached figure. Photos were taken at these points by the City in February and August as required by the Settlement Agreement. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

Overall, the site is in very good condition with some heat stress noted as a result of the dry summer. Invasive species removal is the primary concern at this site. Invasive species present at the site include St. John's Wort, blackberry, and knapweed. Some pickleweed was volunteering and some predation of the planted dune grass was noted.

This site was the location of an Earth Day event coordinated by CHB on April 17, 2010. Pickleweed (2,200), Dune grass (995), gumweed (150), and seacoast bulrush (100) were planted by 116 volunteers, 6 EarthCorps employees, and 5 CHB staff. Invasive removal was also performed at the event. Educational displays were available along with free trees and TAGRO potting mix for the volunteers. Following the event, the WCC and CHB installed goose exclusion fencing. Subsequent inspection found that most of the April plantings were doing well.

Quarterly monitoring data are summarized in the data spreadsheet (see Table 7 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 19 – WCC completed garbage sweep of the site;
- April 7 – WCC installed rebar for new goose exclusion in preparation for planting;

- April 17 – CHB conducted an Earth Day event including invasive removal, planting and public education; and
- April 29 – WCC built remaining goose exclusion for new planting.

Work proposed for this site in the coming year includes ongoing invasive and trash removal, mulching around existing plants, additional planting in the riparian and salt marsh areas, and associated extension of goose exclosures as needed (see Task List in Attachment 3).

## **2.8 Olympic View (City) / Olympic View Triangle (DNR)**

The Olympic View site is located at the tip of the peninsula between the Thea Foss and Middle Waterways (see figure in Attachment 1). This 12.4 acre site consists of restored beach, tidelands, and riparian areas. On-site, but just off-shore, is one of the few remaining eelgrass beds in Commencement Bay. The majority of the work on this site will take place on the upper beach/riparian area. Access to this site will be from the end of East F Street near Foss Maritime.

The Olympic View project that included both cleanup and restoration was constructed by the City of Tacoma in 2002. In 2007, the DNR Triangle portion of the site was completed by DNR, including remediation of some contaminated soil and added salt marsh habitat. While the City's obligation under its Consent Decree required monitoring and maintenance of its portion of the site for only five years, the City has continued to maintain the site since those five years lapsed in 2007. With the execution of the Settlement Agreement in August 2008, the City is again under obligation to provide ongoing stewardship of its portion of this site. The City entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary. In addition, DNR has ongoing responsibility for monitoring of its portion of the site.

Year 2 inspections took place at this site on October 21, 2009, December 10, 2009, February 3, 2010, April 30, 2010, June 26, 2010, and August 11, 2010. Photo points were established during Year 1 as shown on the attached figure. Photos were taken at these points by the City in February and August as required by the Settlement Agreement. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

Overall, the site is in good condition with only some drought stress noted. Invasive species removal in the riparian area is a primary concern at this site. Invasive species present at the site include pepperweed, poison hemlock, white sweet clover, blackberry, St. John's Wort, nightshade, and tansy. Some progress in establishment of the salt marsh was noted, with a few species found in the triangle area.

Quarterly monitoring data are summarized in the data spreadsheet (see Table 8 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 19 – WCC completed garbage sweep at site and removed invasive species;
- December 22, 23 – WCC continued invasive species removal from site;
- January 20, 27 – WCC removed invasive species;

- February 2, 17 – WCC transplanted cottonwoods from triangle area to the small riparian shoreline strip near Capital Warehouse, cut back and removed exposed green netting, and completed garbage pickup;
- March 2, 3, 30 – WCC crew removed invasives, in particular poison hemlock and pepperweed, and completed garbage sweep;
- April 6, 28 – WCC moved interpretive sign and removed invasive species; and
- June 1 – WCC grubbed invasives.

Work proposed for this site in the coming year includes ongoing invasive and trash removal, additional riparian plantings, monitoring of the salt marsh species, additional planting as approved, and visual monitoring of erosion in the salt marsh (see Task List in Attachment 3).

## **2.9 Tahoma Salt Marsh**

The Tahoma Salt Marsh site is located along the Ruston Way shoreline near the Jack Hyde and Chinese Reconciliation Parks. This 1.95 acre bowl-shaped riparian and salt marsh habitat provides intertidal habitat for juvenile salmonids. The riparian areas provide habitat for shore birds and other wildlife. The site consists of a planted intertidal salt marsh area and surrounding riparian slope (see figure in Attachment 1). The majority of the work at this site will occur within this bowl area in both the intertidal marsh and riparian zones. Access to this site is through the parking lot located across Ruston Way from Jack Hyde Park.

The Tahoma Salt Marsh project was constructed by the City in 2004. While the City's obligation under its Consent Decree required monitoring and maintenance of its portion of the site for only five years, the City has continued to maintain the site since those five years lapsed in 2008. CHB has also provided some stewardship activities at this site since 2008 on behalf of the Trustees. With the execution of the Settlement Agreement in August 2008, the City is again under obligation to provide ongoing stewardship of its portion of this site. The City entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

Year 2 inspections took place at this site on October 21, 2009, December 3, 2009, February 3, 2010, April 25, 2010, June 23, 2010, and August 21, 2010. Photo points were established during Year 1 as shown on the attached figure. Photos were taken at these points by the City in February and August as required by the Settlement Agreement. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

Overall, the site is in very good condition with only minor heat stress noted. The salt marsh continues to fill in with vegetation, with salt grass showing the most dominance. Invasive species removal is a primary concern at this site. Invasive species present at the site include Himalayan blackberry, thistle, reed canary grass, pepperweed, morning glory, and tansy ragwort. Pickleweed is doing well and spreading in the marsh area, and the scirpus maritimus is getting well established. One area of gumweed on the toe of Riparian Area E appears dead, and will continue to be monitored. The grasses in the riparian area are doing quite well, but need to be removed from around the shrubs and trees on an ongoing basis. This need will lessen as the canopy shade increases.

Quarterly monitoring data are summarized in the data spreadsheet (see Table 9 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 10 – Re-secured salt marsh log;
- November 19 – WCC crew completed garbage sweep of site;
- December 12 – CHB conducted a volunteer mulching event;
- March 2 – WCC crew removed invasives;
- April 5 – WCC crew removed invasives;
- June 5 – CHB conducted a volunteer event for invasive removal;
- June 14 – WCC crew removed invasives; and
- September 20, 22, 22 – WCC grubbed invasives and tied reed canary grass.

Work proposed for this site in the coming year includes ongoing invasive and trash removal and additional marsh plantings for added diversity and coverage (see Task List in Attachment 3).

## **2.10 Swan Creek**

The Swan Creek site is located just outside the City of Tacoma limits, bordered by Pioneer Way and the railroad tracks. These 12 acres include Swan Creek, the Haire wetland and associated riparian areas. The created channels provide an improved surface water connection that allows easier passage for fish into the wetland complex. This site consists of many habitat types that provide avian, amphibian, and fish habitat for rearing, refuge, and foraging. The majority of the work at this site will take place in the riparian areas and near Channels A and B. Access to this site is from turnouts on Pioneer Way.

The Swan Creek project was constructed by the City in 2000. While the City's obligation under its Consent Decree required monitoring and maintenance of its portion of the site for only five years, the City has continued to maintain the site since those five years lapsed in 2006. With the execution of the Settlement Agreement in August 2008, the City is again under obligation to provide ongoing stewardship of its portion of this site. The City entered into a contract with CHB to provide assistance with stewardship, monitoring, community involvement, and maintenance activities required by the Agreement. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

Year 2 inspections took place at this site on October 21, 2009, December 16, 2009, February 3, 2010, April 28, 2010, June 25, 2010, and August 11, 2010. Photo points were established during Year 1 as shown on the attached figure. Photos were taken at these points by the City in February and August as required by the Settlement Agreement. The photographs from February were provided to the Trustees in the Year 2 Second Quarter Report in April, and the photographs from August are included in Attachment 2 along with the field form from that inspection. Field forms from the remainder of the Year 2 inspections were provided in previous quarterly reports and are summarized in the Site Record (Tables 1-10 in Attachment 1).

Invasive species continue to be the primary concern at this site. Prevalent invasive species present at the site include Scott's broom, blackberry, morning glory, ivy, policeman's helmet, dame's rocket, reed canary grass, and knotweed. Some areas are showing some plant stress due to the recent dry weather. New shrubs were planted in an area at the south end. The Little Red Smoke Shack near the south end of the site was demolished, and the debris is piled partially on site. The chain and bollard barrier was also damaged during demolition. The Puyallup Tribe was notified of this issue.

Quarterly monitoring data are summarized in the data spreadsheet (see Table 10 in Attachment 1). The following activities were completed at the site during the reporting period:

- October 5, 6, 7, 8 – WCC crew remove invasives species;
- November 2 – Installed jute matting on cleared areas;
- November 3 – Planted 320 plants in cleared areas;
- November 23 – WCC completed garbage sweep at site;
- December 14, 15, 16 – Invasive removal;
- January 4, 5, 6, 7, 11, 20 – WCC crew pulled invasive ivy from the slope, worked to create a suggested plant list and planting plan, removed and disposed of 20 tires, installed jute mat, installed live stakes, and repaired the damaged fence;
- February 3, 16, 17, 18, 22, 23 – WCC crew installed jute matting, completed a garbage sweep, and planted 750 natives and 140 live stakes;
- March 22, 24, 25 – WCC crew mulched new planted plants and removed invasives;
- April 5, 29 – WCC crew performed invasive removal and a garbage sweep;
- May 1 – CHB conducted a volunteer event for invasive removal;
- June 2, 3, 14, 15, 16, 22 – WCC crew grubbed invasives; and
- September 20 – WCC performed knotweed injection.

Work proposed for this site in the coming year includes ongoing invasive and trash removal (see Task List in Attachment 3).

### 3.0 Financial Summary

Financial information documenting the City's costs for each task performed from July 1, 2010 through September 30, 2010 is provided in Attachment 4. Also included is a table summarizing Year 2 expenses (plus the 4<sup>th</sup> quarter of Year 1 which was not previously invoiced), on a quarterly basis for the period from October 1, 2009 through September 30, 2010. The work performed at each site is summarized in Section 2.0. As documented in Attachment 4, the City incurred the following costs between July 1, 2009 and September 30, 2010:

Task 1	Project Management	\$9,336.01
Task 2	Reporting and Documentation	\$4,769.20
Task 3	Site Monitoring	\$5,718.39
Task 4	Site Maintenance	\$45,893.69*
Task 5	Adaptive Management	\$11,019.61
	General Maintenance and Monitoring	
Total		\$76,736.90

\* Based on WCC crew rate of \$48.08/hr

The City hereby requests disbursement from the escrow account in the amount of \$76,736.90 for work completed under the Settlement Agreement between October 1, 2009 and September 30, 2010. Following this disbursement, \$203,773.66 will remain in the escrow account for future stewardship activities at these sites.

**Attachment 1**

**Tables and Figures**

Table 1  
ESP Site Record

<b>ESP Site Record: Yowkwala</b>				
<b>Observational Categories</b>	<b>8/6/09</b>	<b>10/8/09</b>	<b>12/3/09</b>	<b>2/9/10</b>
<b>Human Impacts</b>	Yes - Continues to be hang out spot with bonfires and party trash	bonfire, minimal trash, yellow boom on shore line	No sign of recent activity. Minor high tide line floatables	No sign of recent activity. Minor high tide line floatables
<b>Erosion</b>	none noted	none noted	none noted	none noted
<b>Weeds</b>	Heavy along immediate shoreline area - butterfly bush, pepperweed, blackberry, scott's broom	Previous weeds still noted - nightshade added	Previous weeds still noted - Pampas grass added	Previous invasives still noted. Some removal at the north end of site. Curled dock added
<b>Fencing</b>	n/a	n/a	n/a	n/a
<b>Plantings</b>	Low survival of recent plantings due to weather/heat stress	Loss of some shore pine	no new plantings	Plants at south end of site look good (however, dormant)
<b>Flora</b>	Beach plants having most success		gumweed, dune grass, black raspberry noted at N. end of site	Poison oak limits volunteer opportunities
<b>Fauna</b>	Avian species noted	finch, king fisher, crow, coyote	gulls, crow, heron, seals, dog, small avian species	some Avian species, dog, gulls, fish, sea lions, crow
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken
	* Limited access due to unsigned access agreement.			

Table 1  
ESP Site Record

<b>ESP Site Record: Yowkwala</b>			
<b>Observational Categories</b>	<b>4/22/10</b>	<b>6/24/10</b>	<b>8/31/10</b>
<b>Human Impacts</b>	No recent activity noted; slight amount of trash	Very little trash noted since volunteer event recently occurred	Approximately five firepit areas were found along the shoreline, very close to the vegetation and driftwood. Significant trash was also identified in these areas.
<b>Erosion</b>	None noted	Minor erosion at hillside	A minor amount of erosion was noted in the transition between the beach and upland area at the east end of the site
<b>Weeds</b>	Previous invasives still noted; thistle added	Previous invasives still noted	Previous invasives still present Poison oak should also be noted.
<b>Fencing</b>	n/a	n/a	n/a
<b>Plantings</b>	Blackberry regrowth was noted in the planted area; plants small but alive	Generally good survival from spring/fall plantings, but some did not survive	Generally appears good
<b>Flora</b>	Plants look good; starting to flower and leaf out	Some patches of pickleweed in marsh area	Some jaumea noted in the marsh area along with the pickleweed
<b>Fauna</b>	Little wildlife activity was noted	Crows, bluebird, crane, seagulls, other avian species	Seals, small avian species, shells, dog
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 2  
ESP Site Record

<b>ESP Site Record: Skookum Wulge</b>				
<b>Observational Categories</b>	<b>8/6/09</b>	<b>10/8/09</b>	<b>12/3/09</b>	<b>2/9/10</b>
<b>Human Impacts</b>	Minor trash	none noted	none noted	none noted
<b>Erosion</b>	Point continues to erode due to wave action	same	same	Point has eroded significantly since the last visit
<b>Weeds</b>	Few native plants - presently primarily blackberry and ivy	Knotweed on south end of site injected in September	small amount of Reed Canary Grass	Same - non associated with newly planted area
<b>Fencing</b>	Repair of perimeter fencing needed when clearing and planting are completed	Repair planned in conjunction with planting	Fence posts sand blasted, repainted and reinstalled with new chain and City locks. Silt fence remains in place	Looked great
<b>Plantings</b>	Planned for October 2009	Planned for November 7	Half of site planted November 7 with mulch - plants look good, survival high	Still looks good
<b>Flora</b>	Few native plants	same	over 700 plants added to northern half of site. Additional planting planned for the spring	Some dunegrass lost to erosion. Moved plants near eroding edge to safe areas of the site.
<b>Fauna</b>	Avian species noted	Avian species	Ducks, gull	crow, gull
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken
* Limited access due to unsigned access agreement.				

Table 2  
ESP Site Record

<b>ESP Site Record: Skookum Wulge</b>			
<b>Observational Categories</b>	<b>4/27/10</b>	<b>6/25/10</b>	<b>8/31/10</b>
<b>Human Impacts</b>	Minimal trash; car bumper in marsh area; old wood dock on beach	Minimal trash; old wood dock remains on beach	Minimal trash associated with the tide
<b>Erosion</b>	Embankment erosion is continuing	Embankment continues to erode	Embankment continues to erode
<b>Weeds</b>	Blackberry and vetch	Same plus curled dock, white sweet clover, and wild pea	Same, with blackberry and pepperweed noted
<b>Fencing</b>	Silt fence can be removed; not connected in some sections	Silt fence can be removed; continuing to fall down in places	Chain and bollards in good condition. Silt fence still requires removal
<b>Plantings</b>	Minimal plant mortality from fall 2009 planting	Some Oregon grape from fall 09 planting not doing well	Recent plantings doing well with approximately 90% survival
<b>Flora</b>	Generally healthy; bluebells, quince, red flowering currant, and dune grass volunteering; sword ferns showing some stress	Generally healthy; volunteer big leaf maple, soft stem rush, and fireweed	Lots of big leaf maple volunteers in the north area
<b>Fauna</b>	None noted	Immature eagle offshore	Dead sea lion and dead baby seal
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 3  
ESP Site Record

<b>ESP Site Record: Squally Beach</b>				
<b>Observational Categories</b>	<b>8/6/09</b>	<b>10/8/09</b>	<b>12/3/09</b>	<b>2/9/10</b>
<b>Human Impacts</b>	Clearing from sign to marsh opening	Dumped oyster shells	Adjacent site cleared of blackberry	none noted
<b>Erosion</b>	Minor - not significant	minor	minor	Minor at fence line
<b>Weeds</b>	Minor Blackberry and pepperweed. Knotweed to the north continues to be encroachment concern.	Cord grass identified Knotweed on adjacent site injected in September	Cord grass identified and targeted for removal	Cordgrass removed, knotweed injected and areas will be monitored.
<b>Fencing</b>	Perimeter fencing is good. Wood debris exclusion fencing needs repair (approx. 30')	Fencing still needs repair	Fencing has been repaired. Post now bent	Fencing down and post out. Needs more repair
<b>Plantings</b>	none noted	Plants previously cut near the ed sign - coming back with vigor	none noted	no recent plantings
<b>Flora</b>	All species doing well	same	same	same
<b>Fauna</b>	Avian species noted	none noted	gulls, crow	gull
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken
	* Limited access due to unsigned access agreement.			

Table 3  
ESP Site Record

<b>ESP Site Record: Squally Beach</b>			
<b>Observational Categories</b>	<b>4/27/10</b>	<b>6/11 and 6/25/10</b>	<b>8/31/10</b>
<b>Human Impacts</b>	Minimal trash	Foot bridge laid across west marsh; a large amount of cardboard fruit boxes with rotting fruit present; other minor trash	Minimal trash
<b>Erosion</b>	None noted	None noted	None of significance
<b>Weeds</b>	Lots of blackberry and dandelion regrowth on berm knotweed, broadleaf plantain, and some vetch	Same species noted, plus St. John's wort, curled dock white sweet clover, and wild pea	Cordgrass noted in many more locations. Also knotweed in middle of riparian area along with the area at the west end of the site, and blackberry.
<b>Fencing</b>	Fencing still down and needs repair or removal	Fencing still needs repair or removal	Fence has been removed and posts remain.
<b>Plantings</b>	No recent plantings	No recent plantings	No recent plantings
<b>Flora</b>	Generally healthy, as before	Generally healthy with some drought stress and some animal damage	All generally healthy. Approximately 60% of roses show evidence of mossy rose gall wasp.
<b>Fauna</b>	Canada geese scat	Crabs, bird feathers, seashells	Small avian species.
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 4  
ESP Site Record

<b>ESP Site Record: Mowitch</b>				
<b>Observational Categories</b>	<b>8/6/09</b>	<b>10/8/09</b>	<b>12/10/09</b>	<b>2/9/10</b>
<b>Human Impacts</b>	note noted	none noted - minor trash	none noted	minor
<b>Erosion</b>	none noted	none noted	none noted	none noted
<b>Weeds</b>	Small areas of blackberry, phragmites, and pepperweed. Bird's foot trefoil	no new noted	no new noted	Tansy ragwort noted
<b>Fencing</b>	Needs main gate	Main gate replacement if deemed necessary Could remove more goose exclusion	Main gate replacement if deemed necessary	Main gate replacement if deemed necessary
<b>Plantings</b>	none noted	snowberry, rose, cares lygnbyei, goose tongue all doing well	rose doing well. More conifers in the riparian area	rose carex lyngbeii, shore pine doing well.
<b>Flora</b>	Volunteer pickleweed noted	Jaumea, brass buttons	no new noted	no new noted
<b>Fauna</b>	Avian species noted	ducks	Mallard ducks	ducks, gulls
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken
* Limited access due to unsigned access agreement.				

Table 4  
ESP Site Record

<b>ESP Site Record: Mowitch</b>			
<b>Observational Categories</b>	<b>4/27/10</b>	<b>6/25/10</b>	<b>8/25/10</b>
<b>Human Impacts</b>	Minimal trash	Minor trash	Minor trash
<b>Erosion</b>	None noted	None noted	None noted
<b>Weeds</b>	Blackberry regrowth, thistle, reed canary grass, vetch, wild anise, and tansy noted in areas	Same, plus wild fennel, curled dock, and white sweet clover	Phragmites in the middle of the site and blackberry
<b>Fencing</b>	Fence in excellent shape	No change	No change - gate still needs repair if necessary
<b>Plantings</b>	Several rose bushes and unidentified shrub with lichen on branches	Spring 09 plantings on benches do not appear to have survived; others doing well	No recent plantings
<b>Flora</b>	Plants look generally healthy; willows, lupine, red flowering currant, Douglas fir, poplar, vine maples, shore pines, horsetails, plantain, sedges, and tufted hair grass noted as doing well	Plants look good, as before; some predation on plantain noted	Plants look generally healthy with some drought stress. Lots of volunteer pickleweed and increased growth on the island marsh area noted. Also a large patch of fleshy jaumea is present near the middle marsh.
<b>Fauna</b>	Canada geese and ducks	Evidence of geese nesting	Butterfly and wasp
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 5  
ESP Site Record

<b>ESP Site Record: Jordan</b>				
<b>Observational Categories</b>	<b>8/6/09</b>	<b>10/8/09</b>	<b>12/10/09</b>	<b>2/3/10</b>
<b>Human Impacts</b>	Minor trash - recreational trail use	Small sign removed	none noted	none noted
<b>Erosion</b>	none noted	none noted	none noted	none noted
<b>Weeds</b>	Blackberry encroachment on E side of trail. Reed canary grass and purple loosestrife are on-going concerns	same	Blackberry on E side of trail recently cut back by WCC crew	Need to grub Blackberry and place erosion control material
<b>Fencing</b>	Platform structures intact	same	same	same
<b>Plantings</b>	none noted	Needed for spring	Needed for spring in area of blackberry removal on the east side of trail	Planting planned for east side of trail.
<b>Flora</b>	All species are doing well	same	same	lots of buds, indian plum leafing out
<b>Fauna</b>	Beaver evidence. Avian species noted	avian species, heron, otters (?)	chickadee, wren, ducks, dog	beaver
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken

Table 5  
ESP Site Record

<b>ESP Site Record: Jordan</b>			
<b>Observational Categories</b>	<b>4/28/10</b>	<b>6/14/10</b>	<b>8/25/10</b>
<b>Human Impacts</b>	Makeshift shelter found at the south end of the site made from small alders cut from the site; cottonwood down in same area, damaging other conifers; also, some damage to middle viewing platform noted	Shelter requires removal; plexiglass on information kiosk has been broken on two of the three sides; more damage to viewing platforms; last handrail stolen; some alders cut at about 3 feet high in various places	Alder cutting had been performed by Restoration Logistics in excess of that desired by Trustees. NOAA will provide direction on approach to re-establish these areas. Minor trash noted.
<b>Erosion</b>	None noted	None noted	No erosion noted. Sedimentation present at the upstream entrance.
<b>Weeds</b>	Invasive species noted include scott's broom, reed canary grass, and blackberry	Same as before, plus field bindweed and common teasal	Blackberry and knotweed
<b>Fencing</b>	Damage to middle viewing platform	Same as before	Good
<b>Plantings</b>	No recent plantings	No recent plantings	No recent plantings
<b>Flora</b>	Alder thriving, other plants doing well; some strawberry volunteering at south end	Native plantings doing well despite overabundance of alder; once alder thinning has occurred, replant with shrubs and groundcover; some beaver damage to alders noted	Generally healthy with some drought stress
<b>Fauna</b>	Avian species, beaver evidence, ducks	None noted	Fish, frog, small fish in channels, and a new beaver dam (near PP2)
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 6  
ESP Site Record

<b>ESP Site Record: Middle Waterway, City</b>				
<b>Observational Categories</b>	<b>8/12/09</b>	<b>10/21/09</b>	<b>12/10/09</b>	<b>2/9/2010</b>
<b>Human Impacts</b>	Minor trash - along roads and high tide line	Large hole and shovel found in upper marsh - minor damage to salt grass establishment	no new noted	minor trash/hole
<b>Erosion</b>	Non-significant	not noted	not noted	minor
<b>Weeds</b>	Small areas of knapweed, blackberry, nightshade, pampas grass, butterfly bush, white sweet clover	no new noted	no new noted	More pampas grass noted
<b>Fencing</b>	Perimeter fencing intact	same	same	same
<b>Plantings</b>	Could use additional riparian plants in areas	Planting proposed in the square marsh area paralleling F Street	Planting proposed in the square marsh area paralleling F Street	Some trees cut under power lines
<b>Flora</b>	Jaumea spreading	Volunteer birch, oak	same	no new noted
<b>Fauna</b>	Avian species noted	small avian species, bunny, gulls, crow	small avian species, ducks, geese	Bunny, dog, gulls
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken

Table 6  
ESP Site Record

<b>ESP Site Record: Middle Waterway, City</b>			
<b>Observational Categories</b>	<b>4/28/10</b>	<b>6/26/10</b>	<b>8/10/10</b>
<b>Human Impacts</b>	Minor trash; appears someone may have planted irises near the boat facility	Same as before	Minor trash
<b>Erosion</b>	Same as before	Same as before	None noted
<b>Weeds</b>	Reed canary grass, curled dock, thistle, blackberry, and St. John's wort noted	Same as before, plus oxeye daisy and plantain	White sweet clover in the square marsh, and dames rocket near the substation. Knapweed removal needed near the outfall off 11th.
<b>Fencing</b>	Same as before	Same as before	Perimeter fencing intact
<b>Plantings</b>	No recent plantings	No recent plantings	Low survival due to lack of irrigation
<b>Flora</b>	Plants appear generally healthy; lupine, vine maple, wild pea, salmonberry, willows, pickleweed, and saltgrass doing notably well; horsetails are volunteering and doing well	Plants generally healthy, as before; lupine dying out; rose hips, wild pea, and ocean spray are blooming; spruce and oak trees look good; some broken limbs observed	Generally healthy with some heat/sun stress. Fleshy jaumea noted in the square marsh along with continued spread of pickleweed and saltgrass.
<b>Fauna</b>	Rabbit and geese	Dead rodent, monarch butterflies, and dragonfly	Great blue heron, crickets, and small avian species
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 7  
ESP Site Record

<b>ESP Site Record: Middle Waterway, Simpson</b>				
<b>Observational Categories</b>	<b>8/12/09</b>	<b>10/21/2009*</b>	<b>12/10/09</b>	<b>2/3/10</b>
<b>Human Impacts</b>	Minimal trash. Vagrant activity noted on the south end of the site near 11th Street	Vagrant activity continues. TPD notified	Vagrant activity continues. TPD notified	minor trash
<b>Erosion</b>	none noted	none noted	small area noted in transition area b/t riparian and marsh - exposing metal piece	minor
<b>Weeds</b>	minor pea, st. john's wort, blackberry	no new noted	sumac, pampas grass	pampas grass removed
<b>Fencing</b>	n/a	n/a	n/a	same
<b>Plantings</b>	50%? Mortality due to weather/heat stress	none noted	May need fill-in shrubs or dune grass at toe	Planting planned for spring 2010
<b>Flora</b>	Dry Rose doing well	not noted		no new noted
<b>Fauna</b>	Avian species noted	avian species, gulls	ducks, geese, small avian species	gulls, geese, small avian species, sparrow
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken

Table 7  
ESP Site Record

<b>ESP Site Record: Middle Waterway, Simpson</b>			
<b>Observational Categories</b>	<b>4/28/10</b>	<b>6/26/10</b>	<b>8/10/10</b>
<b>Human Impacts</b>	Minimal trash; some dog prints on site	Minimal trash	Some indications of loitering activity, but no apparent overnight visitors. Gas cans were noted in the riparian area approximately 30' south of photo point 2.
<b>Erosion</b>	Same as before	Same as before	None noted
<b>Weeds</b>	Same as before	Same as before, plus possible black medic	St. John's Wort, blackberry, and knapweed (purple, near 11th)
<b>Fencing</b>	n/a	No perimeter fencing; goose exclusion fencing in good condition	Same as before
<b>Plantings</b>	Some saltgrass plantings are partially exposed due to tidal impacts; pickleweed appears healthy	Same as before; still doing generally well	Pickleweed and dune grass doing well, although some new dune grass (~60%) munched by rabbits
<b>Flora</b>	Generally healthy; a few trees, particularly madrone, appear stressed; saltgrass is spreading, lupine growing, and pickleweed doing well	Generally healthy, as before	Generally healthy with some heat/sun stress noted. Pickleweed coming in well on outer benches in areas both with and without goose exclusion.
<b>Fauna</b>	Rabbit and goose scat	Rabbit, crows, monarch butterflies, and avian species	Rabbits, great blue heron, and small avian species
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 8  
ESP Site Record

<b>ESP Site Record: Olympic View, City/DNR</b>				
<b>Observational Categories</b>	<b>8/13/09</b>	<b>10/21/09</b>	<b>12/10/09</b>	<b>2/3/10</b>
<b>Human Impacts</b>	none noted	Bricks uncovered by tidal push of gravels	none noted	none new noted
<b>Erosion</b>	Some noted on west side of salt marsh entrance	same - increasing	same increasing	Fine sand deposited with recent high tide. Same erosional areas near the mouth of the triangle area. More erosion noted near sign - will need to move sign
<b>Weeds</b>	Heavy population of invasives along perimeter goose exclusion	same	Pepperweed, poison hemlock, mustard, blackberry, nightshade removal	St. John's wort
<b>Fencing</b>	Good condition	same	same	same
<b>Plantings</b>	Recent planting of salt marsh - will need to watch for survivability in spring	same	same	same - few hints of plant growth on salt marsh plantings
<b>Flora</b>	Rose doing well	Some heat stress noted. Fungal disease/aphids (?) noted	all riparian doing well	Bunny predation on snowberry
<b>Fauna</b>	Avian species noted. Rabbits and fish also noted	bunny	ducks, gulls, small avian species	bunny, duck, gulls
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken

Table 8  
ESP Site Record

<b>ESP Site Record: Olympic View, City/DNR</b>			
<b>Observational Categories</b>	<b>4/30/10</b>	<b>6/26/10</b>	<b>8/11/10</b>
<b>Human Impacts</b>	Minor trash	Minor trash	Minor trash
<b>Erosion</b>	Minor erosion; sign has been moved	Minor erosion	No erosion noted. Still push of gravels at mouth.
<b>Weeds</b>	Same as before, plus tansy ragwort	Same as before plus possible knotweed	St. John's wort, pepperweed tansy, blackberry, thistle and dock noted
<b>Fencing</b>	Minor repair needed on south fence; goose exclusion in good condition	Same as before	All in good condition
<b>Plantings</b>	Same as before; limited growth in salt marsh area	Generally same as before, although majority of recently planted maples are showing stress	Low survival for upland plants near the gate
<b>Flora</b>	Generally in good condition; only very minor damage/predation noted	Same as before; two young spruce leaning heavily	Generally in good condition with some drought/heat stress noted. Salt marsh showing minor success of a few species.
<b>Fauna</b>	Nesting geese plus gulls, heron	Geese, nesting gulls	Caspian terns, crow, geese and gulls
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 9  
ESP Site Record

<b>ESP Site Record: Tahoma Salt Marsh</b>				
<b>Observational Categories</b>	<b>8/12/09</b>	<b>10/21/09</b>	<b>12/3/09</b>	<b>2/3/10</b>
<b>Human Impacts</b>	Continued vandalism to sprinkler system. Minor trash	none noted	none noted minor trash	none noted
<b>Erosion</b>	Some noted associated with logs and mouth	same	same	same
<b>Weeds</b>	Small areas of tansy, nightshade, blackberry, thistle	birds foot trefoil and pea on plants	Thistle removed on island Tansy still spotty throughout	none new noted
<b>Fencing</b>	Good condition	Chinese Reconciliation Park filling has removed fencing on North side	same	same
<b>Plantings</b>	Dry Could use some additional plants on the island.	Plantings proposed for island	Mulching event planned for December 12	Red flowering currant and OR grape showing color. Plantings planned for the island and few in the riparian areas spring 2010.
<b>Flora</b>	Doing well. Salt marsh plants filling in slowly.	same	Sprinklers to be turned off next summer	Sprinklers set to be off
<b>Fauna</b>	Avian species noted. Rabbit	Beaver, killdeer, geese	geese, small avian species	geese
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken

Table 9  
ESP Site Record

<b>ESP Site Record: Tahoma Salt Marsh</b>			
<b>Observational Categories</b>	<b>4/25/10</b>	<b>6/23/10</b>	<b>8/31/10</b>
<b>Human Impacts</b>	Minor trash	Minor trash	Minor trash
<b>Erosion</b>	None noted	Minimal erosion caused by broken sprinkler	No significant erosion
<b>Weeds</b>	Blackberry, vetch, thistle, and reed canary grass	Same as before	Pepperweed, blackberry, thistle, tansy, and morning glory
<b>Fencing</b>	Same	Same as before	Same as before
<b>Plantings</b>	Pickleweed and saltgrass doing well	Newly planted vine maples look good	Generally good, with 10-20% dead due to heat/weather stress
<b>Flora</b>	Generally healthy; a few plants appear stressed	Same as before	Generally healthy with lots of pickleweed starts. Scirpus maritimus is established. One area of gumweed on toe of Riparian Area E appears dead. Some heat/weather stress.
<b>Fauna</b>	Juvenile fish, deer tracks, seagull carcass	Deer tracks and evidence of deer predation, sandpipers	Deer, raccoon (?) paw print, small avian species, and goose poop on island
<b>Photo-documentation</b>	Not taken	Not taken	Taken

Table 10  
ESP Site Record

<b>ESP Site Record: Swan Creek</b>				
<b>Observational Categories</b>	<b>8/19/09</b>	<b>10/21/09</b>	<b>12/16/09</b>	<b>2/3/10</b>
<b>Human Impacts</b>	Trails established by fisherman, social. Some trash noted at north end and south end.	Noted beaver dam removal by (?) neighbor	Less human evidence now that LRSS is closed	Cut/broken vegetation due to trail use.
<b>Erosion</b>	None noted - flow continues to be modified by beaver activity	Pierce Co recently dredged upstream sediment pond	Jute mat to be placed on steep slope areas	Stream turbidity noticed due to heavy rain
<b>Weeds</b>	Heavy areas of blackberry and reed canary grass. Minor areas of scott's broom, morning glory, knotweed	same - also large areas of ivy. Small areas of knotweed injection completed in September	Blackberry and ivy removal in progress - to be followed by spring planting	nightshade and poison hemlock
<b>Fencing</b>	Fair condition. North fencing recently replaced to deter further dumping	Fencing by Lil Red Smokeshack (LRSS) damaged in Federal drug raid.	Fence repair in progress	Fence repaired
<b>Plantings</b>	Minor damage by beaver.	Good survivability at North end slope	Plantings planned for next Spring on slope areas	same
<b>Flora</b>	Great coverage near stream and channels.	Red Osier Dogwood looks great. Upper riparian near Pioneer and the LRSS may need some added shrubs and trees	Sitka spruce doing well where established. Noted large tree down on far side of wetland paralleling RxR tracks.	Indian plum, red flowering currant, and OR grape showing color
<b>Fauna</b>	Beaver. Avian species noted	Great Blue Heron, small avian species, ducks	Dead salmon noted in stream, deer, beaver, hooded merganser	beaver
<b>Photo-documentation</b>	Taken	Not taken	Not taken	Taken

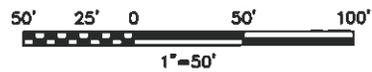
Table 10  
ESP Site Record

<b>ESP Site Record: Swan Creek</b>			
<b>Observational Categories</b>	<b>4/28/10</b>	<b>6/25/10</b>	<b>8/11/10</b>
<b>Human Impacts</b>	Some trash, particularly near LRSS	Minor trash; debris on site from demolition of adjacent LRSS	Same as before
<b>Erosion</b>	None noted	None noted	No erosion noted. Some sedimentation near Channel A diversion - spit growing but still passable.
<b>Weeds</b>	Blackberry regrowth noted, along with substantial invasives on island; same species as before, plus Herb Robert, policeman's helmet, thistle, curled dock, vetch, and tansy	Same as before, plus wild pea and dames rocket	Blackberry regrowth along Pioneer noted, along with morning glory, willowherb and small ivy starts
<b>Fencing</b>	Good condition	Fence damaged during demolition of adjacent LRSS; notified Bill Sullivan	Same as before. No repairs have been performed at this time
<b>Plantings</b>	Plantings are doing well	Oregon grape and ocean spray doing well	Some mortality for those with sun/heat exposure - shaded plants doing well
<b>Flora</b>	All generally healthy; some vine maple starts observed; minimal beaver damage noted; supplemental planting on island following invasive removal needed	Good condition; minor stress of some trees noted	All generally healthy with some heat stress and conifers surviving better than shrubs. Trailing blackberry volunteering at the north end.
<b>Fauna</b>	Ducks, snake	Ducks	Bees
<b>Photo-documentation</b>	Not taken	Not taken	Taken

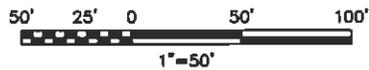


150' 75' 0 150' 300'  
1"=150'

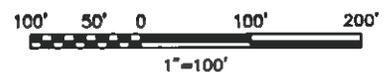
YOWKWALA



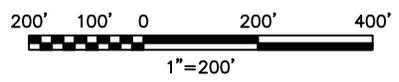
# SKOOKUM WULGE



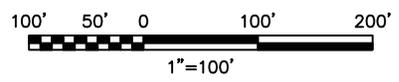
## SQUALLY BEACH



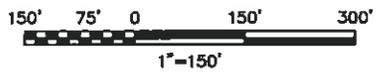
# MOWITCH - HEAD OF HYLEBOS



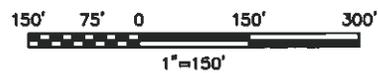
# JORDAN/LOWER HYLEBOS MARSH



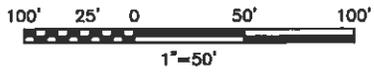
# MIDDLE WATERWAY, CITY



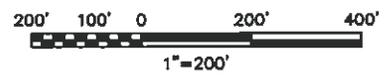
## MIDDLE WATERWAY, SIMPSON



# OLYMPIC VIEW, CITY & WDNR



# TAHOMA SALT MARSH



# SWAN CREEK

## **Attachment 2**

### **Photos and Field Forms**



YWK PP1 -ESP 8\_2010-\_0027 (2) (looking E) 2010-08-31 11-53-44



YWK PP2 -ESP 8\_2010-\_0028 (2) (looking E) 2010-08-31 12-01-02



YWK PP2 -ESP 8\_2010-\_0029 (2) (looking NE) 2010-08-31 12-01-34



YWK PP2 -ESP 8\_2010-\_0030 (2) (looking NW) 2010-08-31 12-01-59



YWK PP2 -ESP 8\_2010-\_0031 (2) (looking W) 2010-08-31 12-02-07



YWK PP3 -ESP 8\_2010-\_0032 (2) (looking E) 2010-08-31 12-10-28



YWK PP3 -ESP 8\_2010-\_0033 (2) (looking N) 2010-08-31 12-10-36



YWK PP3 -ESP 8\_2010-\_0034 (2) (looking NE) 2010-08-31 12-10-54



YWK PP3 -ESP 8\_2010-\_0035 (2) (looking NW) 2010-08-31 12-11-08



YWK PP3 -ESP 8\_2010-\_0036 (2) (looking W) 2010-08-31 12-11-18



YWK PP4 -ESP 8\_2010-\_0037 (2) (looking E) 2010-08-31 12-22-35



YWK PP4 -ESP 8\_2010-\_0038 (2) (looking NE) 2010-08-31 12-23-07



YWK PP4 -ESP 8\_2010-\_0039 (2) (looking NW) 2010-08-31 12-23-18



YWK PP4 -ESP 8\_2010-\_0040 (2) (looking W) 2010-08-31 12-23-25



YWK PP5 -ESP 8\_2010-\_0041 (2) (looking NW) 2010-08-31 12-30-11



YWK PP5 -ESP 8\_2010-\_0042 (2) (looking W) 2010-08-31 12-30-25



YWK PP6 -ESP 8\_2010-\_0044 (2) (looking SW) 2010-08-31 12-34-05



YWK PP6 -ESP 8\_2010-\_0043 (2) (looking W) 2010-08-31 12-33-37

## Environmental Stewardship Project Qualitative Ground Survey

Date: 8/31/10. Time: 11:10 am

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 Weather: Rainy, cool.

**Qualitative Observations:**

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	OK		
Plant Damage by animals (percent damage)	none noted.		
Plant Vigor (list species)		gumweed,	
Plant Disease/Stress (percent by species)	none noted		
Supplemental Planting Needed	Planting planned for trail		
Human Impacts (general)		= 5 fire pits along shore.	
Trash (volume)		* yes, = 2 bags party trash, shirts, cans, bottles -	
Vandalism (extent)	see human impacts/trash.		
Perimeter Fencing (condition/maintenance needs)	OK.		
Goose Exclusion Fencing (condition/maintenance needs)	n/a.		
Large Woody Debris (recruitment, presence)		yes/yes.	
Mulch (quantity needed)	n/a		
Erosion/Sedimentation		sm. amt in trans b/t. upland/beach near Ctb	

**Vegetation:**

Invasive Species and Location:	peppercweed, blackberry, butterfly bush, poison oak
Volunteer Species and Location:	pickleweed, fleshy jaumea! noted in back marsh "swale" near trail

General Vegetation Notes: <u>same</u>

Wildlife Notes (Species observed, other evidence):

seals, sm. avian species, shells, dog,

General Comments:

cross fencing? as a deterrent to party goers?  
more yard debris piled on shore side of access trail.  
talk to TPD re: party goers - on land & shore re: fire concern, etc...

Photo Points (Record Picture # and Time):

Year: 1 (2), 3, 4, 5, 6, 7, 8, 9, 10

Site: YWK

Date: 8/31/10

Site:	P 1	P 2	P 3	P 4
	11:44 am	11:51 am	12 pm	12:13 pm
P 5	P 6	P	P	P
12:20 pm	12:24 pm			
P	P	P	P	P

SKW PP1 (looking S) Missing photo.



SKW PP1 -ESP 8\_2010-\_0046 (2) (looking SE) 2010-08-31 12-57-33



SKW PP2 -ESP 8\_2010-\_0047 (2) (looking N) 2010-08-31 13-01-07



SKW PP2 -ESP 8\_2010-\_0048 (looking NE) 2010-08-31 13-01-32



SKW PP2 -ESP 8\_2010-\_0049 (looking S) 2010-08-31 13-01-53



SKW PP2 -ESP 8\_2010-\_0050 (looking SW) 2010-08-31 13-02-06



SKW PP3 -ESP 8\_2010-\_0051 (looking N) 2010-08-31 13-04-32



SKW PP3 -ESP 8\_2010-\_0052 (looking NE) 2010-08-31 13-04-48



SKW PP3 -ESP 8\_2010-\_0053 (looking S) 2010-08-31 13-05-01



SKW PP3 -ESP 8\_2010-\_0054 (looking SE) 2010-08-31 13-05-34



SKW PP4 -ESP 8\_2010-\_0055 (looking E) 2010-08-31 13-07-27



SKW PP4 -ESP 8\_2010-\_0056 (looking N) 2010-08-31 13-07-43



SKW PP4 -ESP 8\_2010-\_0057 (looking NE) 2010-08-31 13-07-58



SKW PP5 -ESP 8\_2010-\_0058 (looking N) 2010-08-31 13-09-21



SKW PP5 -ESP 8\_2010-\_0059 (looking NE) 2010-08-31 13-09-42



SKW PP6 -ESP 8\_2010-\_0060 (looking N) 2010-08-31 13-12-51



SKW PP6 -ESP 8\_2010-\_0061 (looking S) 2010-08-31 13-13-10



SKW PP6 -ESP 8\_2010-\_0062 (looking W) 2010-08-31 13-13-21

**Environmental Stewardship Project  
Qualitative Ground Survey**

Date: 8/31/10 Time: 12:30 pm

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 Weather: cool, overcast.

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	good 90%+		
Plant Damage by animals (percent damage)	none noted	<u>—————</u>	
Plant Vigor (list species)	lots of big leaf maple starts/volunteer		
Plant Disease/Stress (percent by species)	none noted	<u>—————</u>	
Supplemental Planting Needed	As planned project.		
Human Impacts (general)	none noted.		
Trash (volume)		minimal assoc w/tide. —	
Vandalism (extent)	none noted	<u>—————</u>	
Perimeter Fencing (condition/maintenance needs)	good/none		
Goose Exclusion Fencing (condition/maintenance needs)	n/a		
Large Woody Debris (recruitment, presence)		yes/yes.	
Mulch (quantity needed)	As assoc. w/ project.		
Erosion/Sedimentation		x yes, erosion still occurring.	

car (red) bumper?

Vegetation:

Invasive Species and Location:	<u>same</u> noted. — pepperweed, blackberry
Volunteer Species and Location:	<u>lots of BUM volunteers in n. area</u>

General Vegetation Notes: looks ok. need to ✓ veg establishment next to Marine View  
 Drive and on steep slope areas.

Wildlife Notes (Species observed, other evidence):

• dead sea lion • dead baby seal (?)

General Comments:

• Needs removal of silt fence. • Access requested to tribe  
 • Needs weeding of steep slope to north and  
 replant if necessary.

Photo Points (Record Picture # and Time):

Year: 1 (2, 3, 4, 5, 6, 7, 8, 9, 10)

Site: SKW  
 Date: 8/31/10.

Site:	P 1	P 2	P 3	P 4
	12:39 pm	12:43 pm	12:46 pm	12:49 pm
P 5	P 6	P	P	P
12:51 pm	12:54 pm.			
P	P	P	P	P



SQB PP0 -ESP 8\_2010-\_0063 (looking N) 2010-08-31 13-23-26



SQB PP0 -ESP 8\_2010-\_0064 (looking E) 2010-08-31 13-23-35



SQB PP1 -ESP 8\_2010-\_0065 (looking E) 2010-08-31 13-24-39



SQB PP1 -ESP 8\_2010-\_0066 (looking SE) 2010-08-31 13-24-46



SQB PP2 -ESP 8\_2010-\_0067 (looking E) 2010-08-31 13-26-52



SQB PP2 -ESP 8\_2010-\_0068 (looking N) 2010-08-31 13-27-01



SQB PP2 -ESP 8\_2010-\_0069 (looking NE) 2010-08-31 13-27-19



SQB PP2 -ESP 8\_2010-\_0070 (looking NW) 2010-08-31 13-27-33



SQB PP2 -ESP 8\_2010-\_0071 (looking W) 2010-08-31 13-28-13



SQB PP3 -ESP 8\_2010-\_0072 (looking E) 2010-08-31 13-30-04



SQB PP3 -ESP 8\_2010-\_0073 (looking S) 2010-08-31 13-30-15



SQB PP3 -ESP 8\_2010-\_0074 (looking W) 2010-08-31 13-30-27



SQB PP4 -ESP 8\_2010-\_0075 (looking S) 2010-08-31 13-32-25



SQB PP4 -ESP 8\_2010-\_0076 (looking W) 2010-08-31 13-32-33



SQB PP4 -ESP 8\_2010-\_0077 (looking NW) 2010-08-31 13-32-46

**Environmental Stewardship Project  
Qualitative Ground Survey**

Date: 8/31/10 Time: 1:00 pm

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 Weather: cool, overcast.

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	n/a	n/a	
Plant Damage by animals (percent damage)	none noted.		
Plant Vigor (list species)	all look	good	
Plant Disease/Stress (percent by species)	100% mossy rose gall <del>is</del> (rose)		
Supplemental Planting Needed	minor	minor on islands.	
Human Impacts (general)	none noted.		
Trash (volume)	minor	minor.	
Vandalism (extent)	none noted.		
Perimeter Fencing (condition/maintenance needs)	OK		
Goose Exclusion Fencing (condition/maintenance needs)		remove fence, but not posts.	
Large Woody Debris (recruitment, presence)		yes/yes.	
Mulch (quantity needed)	not @ this time.		
Erosion/Sedimentation	none of significance noted		

Vegetation:

Invasive Species and Location:	<u>cordgrass noted in many more locations. Knotweed,</u>
	<u>hackberry</u>
Volunteer Species and Location:	<u>no new noted.</u>

General Vegetation Notes: knotweed noted in middle of riparian area.

Wildlife Notes (Species observed, other evidence):

sm. avian species.

General Comments:

mossy rose gall wasp - per Judy C. - noted to have little effect on the plant's health.

Photo Points (Record Picture # and Time):

Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Site: SQB  
Date: 8/31/10

Site:	P 0	P 1	P 2	P 3
	1:05 pm	1:06 pm	1:09 pm	1:12 pm
P 4	P	P	P	P
1:14 pm.				
P	P	P	P	P



MOW PP1 -ESP 8\_2010-\_0040 (looking E) 2010-08-25 12-05-55



MOW PP1 -ESP 8\_2010-\_0041 (looking NE) 2010-08-25 12-06-13



MOW PP1 -ESP 8\_2010-\_0042 (looking N) 2010-08-25 12-06-34



MOW PP1 -ESP 8\_2010-\_0043 (looking SE) 2010-08-25 12-06-44



MOW PP2 -ESP 8\_2010-\_0039 (looking NE) 2010-08-25 12-04-51



MOW PP3 -ESP 8\_2010-\_0037 (looking W) 2010-08-25 12-03-16



MOW PP3 -ESP 8\_2010-\_0038 (looking SW) 2010-08-25 12-03-44



MOW PP4 -ESP 8\_2010-\_0033 (looking E) 2010-08-25 11-58-15



MOW PP4 -ESP 8\_2010-\_0034 (looking N) 2010-08-25 11-58-39



MOW PP4 -ESP 8\_2010-\_0035 (looking NW) 2010-08-25 11-59-05



MOW PP4 -ESP 8\_2010-\_0036 (looking SE) 2010-08-25 11-59-15



MOW PP5 -ESP 8\_2010-\_0028 (looking E) 2010-08-25 11-54-49



MOW PP5 -ESP 8\_2010-\_0029 (looking N) 2010-08-25 11-55-12



MOW PP5 -ESP 8\_2010-\_0030 (looking NE) 2010-08-25 11-55-36



MOW PP5 -ESP 8\_2010-\_0031 (looking NW) 2010-08-25 11-56-09



MOW PP5 -ESP 8\_2010-\_0032 (looking SE) 2010-08-25 11-56-23



MOW PP6 -ESP 8\_2010-\_0026 (looking S) 2010-08-25 11-54-07



MOW PP6 -ESP 8\_2010-\_0027 (looking SW) 2010-08-25 11-54-17



MOW PP7 -ESP 8\_2010-\_0022 (looking E) 2010-08-25 11-50-25



MOW PP7 -ESP 8\_2010-\_0023 (looking N) 2010-08-25 11-50-52



MOW PP7 -ESP 8\_2010-\_0024 (looking NW) 2010-08-25 11-51-14



MOW PP7 -ESP 8\_2010-\_0025 (looking SE) 2010-08-25 11-51-25



MOW PP8 -ESP 8\_2010-\_0045 (looking N) 2010-08-25 12-11-56



MOW PP8 -ESP 8\_2010-\_0046 (looking NW) 2010-08-25 12-12-01

**Environmental Stewardship Project  
Qualitative Ground Survey**

Date: 8/25/10 Time: 10:45am

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 Weather: sunny, hot, muggy

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW) c
Survival of recent plantings	n/a	n/a.	
Plant Damage by animals (percent damage)	minor - beaver		
Plant Vigor (list species)	all	all	
Plant Disease/Stress (percent by species)	dry		
Supplemental Planting Needed	in assoc with	alder cutting?	
Human Impacts (general)	alder cutting		
Trash (volume)	minor		
Vandalism (extent)	none noted		
Perimeter Fencing (condition/maintenance needs)	good		
Goose Exclusion Fencing (condition/maintenance needs)	n/a	n/a.	
Large Woody Debris (recruitment, presence)	n/a.	n/a./yes	
Mulch (quantity needed)	not @ this	time.	
Erosion/Sedimentation		sed @ upstream entrance	

Vegetation:

Invasive Species and Location:	<u>blackberry, knotweed found by Uli A. (FOH)</u>
Volunteer Species and Location:	<u>no new noted.</u>

JOR

General Vegetation Notes: good.

Wildlife Notes (Species observed, other evidence):  
fish, frog, sm fish in channels (fingers)  
new beaver dam (see #2)

General Comments:  
will be getting direction from Paul Cereghino (NOAA) as to approach  
to re-establish areas where alder was cut.

Photo Points (Record Picture # and Time):  
Site: JOR - 9/25/10  
Date: \_\_\_\_\_  
#1,4 → location estimated  
Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10  
#5 relocated due to beaver dam causing water elev. to rise.

Site:	P 1	P 2	P 3	P 4
	10:55 am	11:01 am	11:05 pm	11:10 pm
P 5	P	P	P	P
11:16 pm				
P	P	P	P	P



JOR PP1 -ESP 8\_2010-\_0006 (looking S) 2010-08-25 11-06-33



JOR PP1 -ESP 8\_2010-\_0007 (looking SE) 2010-08-25 11-06-47



JOR PP2 -ESP 8\_2010-\_0008 (looking N) 2010-08-25 11-11-25



JOR PP2 -ESP 8\_2010-\_0009 (looking NW) 2010-08-25 11-11-35



JOR PP2 -ESP 8\_2010-\_0010 (looking S) 2010-08-25 11-11-44



JOR PP2 -ESP 8\_2010-\_0011 (looking SE) 2010-08-25 11-11-57



JOR PP3 -ESP 8\_2010-\_0012 (looking N) 2010-08-25 11-15-49



JOR PP3 -ESP 8\_2010-\_0013 (looking S) 2010-08-25 11-16-12



JOR PP3 -ESP 8\_2010-\_0014 (looking W) 2010-08-25 11-16-19



JOR PP4 -ESP 8\_2010-\_0015 (looking N) 2010-08-25 11-20-46



JOR PP4 -ESP 8\_2010-\_0016 (looking NW) 2010-08-25 11-21-01



JOR PP4 -ESP 8\_2010-\_0017 (looking S) 2010-08-25 11-21-10



JOR PP4 -ESP 8\_2010-\_0018 (looking SE) 2010-08-25 11-21-20



JOR PP5 -ESP 8\_2010-\_0019 (looking NW) 2010-08-25 11-27-12



JOR PP5 -ESP 8\_2010-\_0021 (looking S) 2010-08-25 11-28-34



JOR PP5 -ESP 8\_2010-\_0020 (looking W) 2010-08-25 11-28-07

**Environmental Stewardship Project  
Qualitative Ground Survey**

Date: 8/25/10 Time: 10:45am

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 Weather: sunny, hot, muggy

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW) c
Survival of recent plantings	n/a	n/a.	
Plant Damage by animals (percent damage)	minor - beaver		
Plant Vigor (list species)	all	all	
Plant Disease/Stress (percent by species)	dry		
Supplemental Planting Needed	in assoc with	alder cutting?	
Human Impacts (general)	alder cutting		
Trash (volume)	minor		
Vandalism (extent)	none noted		
Perimeter Fencing (condition/maintenance needs)	good		
Goose Exclusion Fencing (condition/maintenance needs)	n/a	n/a.	
Large Woody Debris (recruitment, presence)	n/a.	n/a./yes	
Mulch (quantity needed)	not @ this	time.	
Erosion/Sedimentation		sed @ upstream entrance	

Vegetation:

Invasive Species and Location:	<u>blackberry, knotweed found by Ali A. (FOH)</u>
Volunteer Species and Location:	<u>no new noted.</u>

JOR

General Vegetation Notes: good.

Wildlife Notes (Species observed, other evidence):  
fish, frog, sm fish in channels (fingers)  
new beaver dam (see #2)

General Comments:  
will be getting direction from Paul Cereghino (NOAA) as to approach  
to re-establish areas where alder was cut.

Photo Points (Record Picture # and Time):  
Site: JOR - 9/25/10  
Date: \_\_\_\_\_  
#1,4 → location estimated  
Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10  
#5 relocated due to beaver dam causing water elev. to rise.

Site:	P 1	P 2	P 3	P 4
	10:55 am	11:01 am	11:05 pm	11:10 pm
P 5	P	P	P	P
11:16 pm				
P	P	P	P	P



MWC PP1 ESP 0810 048 (looking S) 2010-08-10 15-41-52



MWC PP1 ESP 0810 049 (looking SE) 2010-08-10 15-42-02



MWC PP1 ESP 0810 050 (looking SW) 2010-08-10 15-42-15



MWC PP2 ESP 0810 045 (looking E) 2010-08-10 15-39-43



MWC PP2 ESP 0810 046 (looking N) 2010-08-10 15-40-02



MWC PP2 ESP 0810 047 (looking S) 2010-08-10 15-40-11



MWC PP3 ESP 0810 041 (looking E) 2010-08-10 15-37-33



MWC PP3 ESP 0810 042 (looking N) 2010-08-10 15-38-01



MWC PP3 ESP 0810 043 (looking S) 2010-08-10 15-38-15



MWC PP3 ESP 0810 044 (looking W) 2010-08-10 15-38-23



MWC PP4 ESP 0810 039 (looking S) 2010-08-10 15-34-58



MWC PP4 ESP 0810 038 (looking SW) 2010-08-10 15-34-37



MWC PP4 ESP 0810 040 (looking W) 2010-08-10 15-35-11



MWC PP5 ESP 0810 036 (looking S) 2010-08-10 15-33-33



MWC PP5 ESP 0810 037 (looking W) 2010-08-10 15-33-42



MWC PP6 ESP 0810 034 (looking S) 2010-08-10 15-31-33



MWC PP6 ESP 0810 035 (looking SE) 2010-08-10 15-32-28



MWC PP7 ESP 0810 030 (looking SE) 2010-08-10 15-25-26



MWC PP7 ESP 0810 031 (looking W) 2010-08-10 15-25-35



MWC PP8 ESP 0810 025 (looking N) 2010-08-10 15-18-02



MWC PP8 ESP 0810 026 (looking NE) 2010-08-10 15-18-26



MWC PP8 ESP 0810 027 (looking NW) 2010-08-10 15-18-52



MWC PP9 ESP 0810 028 (looking SW) 2010-08-10 15-20-34



MWC PP9 ESP 0810 029 (looking W) 2010-08-10 15-21-18



MWC PP10 ESP 0810 032 (looking NE) 2010-08-10 15-28-34



MWC PP10 ESP 0810 033 (looking NW) 2010-08-10 15-28-44

**Environmental Stewardship Project  
Qualitative Ground Survey**

Date: 8/10/10 Time: 3:30 pm

Year: 10, 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 Weather: sunny, hot.

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	low - due to lack of irrigation		
Plant Damage by animals (percent damage)	none noted		
Plant Vigor (list species)	all ok	all ok	
Plant Disease/Stress (percent by species)	X all showing heat/sun stress where exp.		
Supplemental Planting Needed	perhaps in bare areas.		
Human Impacts (general)	no significant noted.		
Trash (volume)	minor near rd.	minor	
Vandalism (extent)	none noted		
Perimeter Fencing (condition/maintenance needs)	ok		
Goose Exclusion Fencing (condition/maintenance needs)		n/a	n/c.
Large Woody Debris (recruitment, presence)		none	none
Mulch (quantity needed)	as needed w/ assoc proj/planting		
Erosion/Sedimentation		no significant E or S.	

Vegetation:

Invasive Species and Location:	<u>wh. sot. clover, - <input type="checkbox"/> high marsh, dames rocket (near substation)</u> <u>Knapweed removal needed near SW outfall off 11th.</u>
Volunteer Species and Location:	<u>fleshy jaumea found in <input type="checkbox"/> marsh.</u> <u>cont'd spread of pickleweed, salt grass.</u>

General Vegetation Notes:

looks good, upland dry

Wildlife Notes (Species observed, other evidence):

great blue heron, crickets, sm. avian species

General Comments:

walkway to sign very uneven due to adj root systems-

Photo Points (Record Picture # and Time):

Year: 1 (2), 3, 4, 5, 6, 7, 8, 9, 10

Site:

0/10/10

Date:

mwt

Site:	P 1 S 3:24 pm	P 1 SE 3:29 pm	P 1 SW 3:24 pm	P 2 E, N, S 3:27 pm
P 3 E, N, S, W 3:24 pm	P 4 S, SW, W 3:22 pm	P 5 S, W, S 3:21 pm	P 6 S, SE 3:18 pm	P 7 SE, W 3:12 pm
P 8 N, NE, NW 3:05 pm	P 9 SW, W 3:07 pm	P 10 NE, NW 3:16 pm	P	P



MWS PP1 ESP 0810 002 (looking E) 2010-08-10 14-47-21



MWS PP1 ESP 0810 003 (looking N) 2010-08-10 14-47-39



MWS PP1 ESP 0810 004 (looking NE) 2010-08-10 14-47-51



MWS PP1 ESP 0810 005 (looking SE) 2010-08-10 14-48-20



MWS PP2 ESP 0810 006 (looking N) 2010-08-10 14-54-50



MWS PP2 ESP 0810 007 (looking S) 2010-08-10 14-55-05



MWS PP2 ESP 0810 008 (looking W) 2010-08-10 14-56-35



MWS PP3 ESP 0810 009 (looking E) 2010-08-10 15-00-59



MWS PP3 ESP 0810 010 (looking N) 2010-08-10 15-01-11



MWS PP3 ESP 0810 011 (looking NE) 2010-08-10 15-01-37



MWS PP3 ESP 0810 012 (looking S) 2010-08-10 15-01-54



MWS PP3 ESP 0810 013 (looking SE) 2010-08-10 15-02-07



MWS PP4 ESP 0810 014 (looking N) 2010-08-10 15-05-22



MWS PP4 ESP 0810 015 (looking NW) 2010-08-10 15-05-32



MWS PP4 ESP 0810 016 (looking S) 2010-08-10 15-05-47



MWS PP4 ESP 0810 017 (looking SW) 2010-08-10 15-05-56



MWS PP5 ESP 0810 019 (looking N) 2010-08-10 15-10-01



MWS PP5 ESP 0810 020 (looking NE) 2010-08-10 15-10-14



MWS PP5 ESP 0810 021 (looking W) 2010-08-10 15-10-27



MWS PP6 ESP 0810 022 (looking N) 2010-08-10 15-13-12



MWS PP6 ESP 0810 023 (looking NE) 2010-08-10 15-13-24



MWS PP6 ESP 0810 024 (looking W) 2010-08-10 15-13-43

## Environmental Stewardship Project Qualitative Ground Survey

Date: 8/10/10 Time: 3:00 pm

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 Weather: sunny, hot

**Qualitative Observations:**

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings		good - pickleweed & dune grass.	
Plant Damage by animals (percent damage)		new dune grass - munched by rabbits (60%)*	
Plant Vigor (list species)	all ok	all ok	
Plant Disease/Stress (percent by species)	all upland dry - showing signs of		heat/sun stress.
Supplemental Planting Needed	perhaps in base rip areas		
Human Impacts (general)	loitering activity (evidence of) ↓		
Trash (volume)	some in treed areas near 11th		no "overnight" indicators
Vandalism (extent)	none noted	none noted.	
Perimeter Fencing (condition/maintenance needs)	n/a		
Goose Exclusion Fencing (condition/maintenance needs)		good around new plantings.	
Large Woody Debris (recruitment, presence)		some	some
Mulch (quantity needed)	as needed w/ assoc. proj./plantings.		
Erosion/Sedimentation		no significant E/S	

**Vegetation:**

Invasive Species and Location: St. John's wort, blackberry, knapweed (purple, near 11th)

Volunteer Species and Location: Pickleweed coming in great on outer benches in areas w/ & w/o goose exclusion.

General Vegetation Notes: \* dune grass (new) still gr. shoots - likely that they will survive.

Wildlife Notes (Species observed, other evidence):  
 rabbits, gr. blue heron, sm. avian species,

General Comments:  
 ! overall looks good.  
 ! 125 cans — 30' South of P2

Photo Points (Record Picture # and Time):  
 Site: MWS  
 Date: 8/10/10  
 Year: 1 (2), 3, 4, 5, 6, 7, 8, 9, 10

Site:	P 1 E, N, NE, SE 2:35 pm	P 2 N, S, W 2:42 pm	P 3 E, N, NE, S SE 2:48-2:49 pm	P 4 N, NW, S, SW 2:52 pm
P 5 N, NE, W 2:51 pm	P 6 N, NE, W 3:00 pm	P	P	P
P	P	P	P	P



ESP 0810 OVRA PP1 Looking S IMG070 (looking S) 2010-08-11 15-38-07



ESP 0810 OVRA PP1 Looking SW IMG071 (looking SW) 2010-08-11 15-38-19



ESP 0810 OVRA PP2 Looking SW IMG072 (looking SW) 2010-08-11 15-38-45



ESP 0810 OVRA PP2 Looking W IMG073 (looking W) 2010-08-11 15-38-57



ESP 0810 OVRA PP3 Looking NE IMG074 (looking NE) 2010-08-11 15-39-52



ESP 0810 OVRA PP3 Looking SE IMG075 (looking SE) 2010-08-11 15-40-07



ESP 0810 OVRA PP3 Looking SW IMG076 (looking SW) 2010-08-11 15-40-16



ESP 0810 OVRA PP4 Looking NE IMG077 (looking NE) 2010-08-11 15-42-28

OVRA PP5 (looking N) Missing photo.



ESP 0810 OVRA PP5 Looking SW IMG079 (looking SW) 2010-08-11 15-44-52



ESP 0810 OVRA PP6 Looking E IMG080 (looking E) 2010-08-11 15-52-38



ESP 0810 OVRA PP6 Looking NE IMG081 (looking NE) 2010-08-11 15-52-51



ESP 0810 OVRA PP6 Looking S IMG082 (looking S) 2010-08-11 15-53-26

OVRA PP6 (looking SE) Missing photo.



ESP 0810 OVRA PP7 Looking N IMG087 (looking N) 2010-08-11 16-02-54



ESP 0810 OVRA PP7 Looking NW IMG088 (looking NW) 2010-08-11 16-03-05



ESP 0810 OVRA PP7 Looking W IMG089 (looking W) 2010-08-11 16-03-22



ESP 0810 OVRA PP8 Looking N IMG084 (looking E) 2010-08-11 15-57-46



ESP 0810 OVRA PP8 Looking NE IMG085 (looking NE) 2010-08-11 15-58-12



ESP 0810 OVRA PP8 Looking SE IMG086 (looking SE) 2010-08-11 15-58-36

## Environmental Stewardship Project Qualitative Ground Survey

Date: 8/11/10 Time: 3:20pm

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

Weather: sunny, hot,

**Qualitative Observations:**

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	low for upland plants near gate		low
Plant Damage by animals (percent damage)	minor-rabbits	minor-rabbits	
Plant Vigor (list species)	Cottonwood	arache	n/a.
Plant Disease/Stress (percent by species)	very dry		
Supplemental Planting Needed		yes -	
Human Impacts (general)	none noted		
Trash (volume)		minor - high tide line	
Vandalism (extent)	none noted		
Perimeter Fencing (condition/maintenance needs)	good		
Goose Exclusion Fencing (condition/maintenance needs)	<del>good</del>	goe OK - string degrading	
Large Woody Debris (recruitment, presence)		no/yes.	
Mulch (quantity needed)	not @ this time.		
Erosion/Sedimentation		still push of gravels @ mouth.	

**Vegetation:**

Invasive Species and Location:	<u>St. John's wort, peppenweed, tansy, BB, thistle, dock.</u>
Volunteer Species and Location:	<u>same species in rip. area as noted previous.</u>

General Vegetation Notes: overall - dry, showing heat stress. minimal invasives mostly located around the perimeter. Salt marsh showing

success of a handful of species, however in very small quantity.

Wildlife Notes (Species observed, other evidence):  
 Caspian terns, crow, geese, gulls,

General Comments:  
 • goose exclusion will need to be restructured after FAU marsh planting.

Photo Points (Record Picture # and Time):

Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Site: OVRA -  
 Date: 8/11/10

Site:	P 1 S, SW 3:25 pm	P 2 SW, W, <del>W</del> 3:26 pm	P 3 NE, SE, SW 3:28 pm	P 4 3:29 pm
P 5 N, SW 3:31 pm	P 6 E, NE, S, SE 3:40 pm	P 7 N, NW, W 3:50 pm	P 8 E, NE, SE. 3:45 pm	P
P	P	P	P	P

TSM PP1 (looking NE) Missing photo.



TSM PP1 -ESP 8\_2010-\_0005 (2) (looking SE) 2010-08-31 10-18-03



TSM PP1 -ESP 8\_2010-\_0006 (2) (looking SW) 2010-08-31 10-18-17



TSM PP2 -ESP 8\_2010-\_0007 (2) (looking NE) 2010-08-31 10-27-13



TSM PP2 -ESP 8\_2010-\_0008 (2) (looking NW) 2010-08-31 10-27-38



TSM PP2 -ESP 8\_2010-\_0009 (2) (looking SE) 2010-08-31 10-27-48



TSM PP2 -ESP 8\_2010-\_0010 (2) (looking SW) 2010-08-31 10-28-06



TSM PP3 -ESP 8\_2010-\_0011 (2) (looking NE) 2010-08-31 10-31-06



TSM PP3 -ESP 8\_2010-\_0012 (2) (looking NW) 2010-08-31 10-31-29



TSM PP3 -ESP 8\_2010-\_0013 (2) (looking SE) 2010-08-31 10-31-51



TSM PP3 -ESP 8\_2010-\_0014 (2) (looking SW) 2010-08-31 10-32-11



TSM PP4 -ESP 8\_2010-\_0015 (2) (looking NW) 2010-08-31 10-36-35



TSM PP4 -ESP 8\_2010-\_0016 (2) (looking SW) 2010-08-31 10-36-48



TSM PP4 -ESP 8\_2010-\_0017 (2) (looking W) 2010-08-31 10-36-58



TSM PP5 -ESP 8\_2010-\_0018 (2) (looking E) 2010-08-31 10-38-49



TSM PP5 -ESP 8\_2010-\_0019 (2) (looking NE) 2010-08-31 10-39-03



TSM PP5 -ESP 8\_2010-\_0020 (2) (looking SW) 2010-08-31 10-39-16



TSM PP5 -ESP 8\_2010-\_0021 (2) (looking W) 2010-08-31 10-39-27



TSM PP6 -ESP 8\_2010-\_0022 (2) (looking E) 2010-08-31 10-42-37



TSM PP6 -ESP 8\_2010-\_0023 (2) (looking NE) 2010-08-31 10-42-48



TSM PP6 -ESP 8\_2010-\_0024 (2) (looking NW) 2010-08-31 10-43-07



TSM PP7 -ESP 8\_2010-\_0025 (2) (looking NE) 2010-08-31 10-45-25



TSM PP7 -ESP 8\_2010-\_0026 (2) (looking SE) 2010-08-31 10-45-39

## Environmental Stewardship Project Qualitative Ground Survey

Date: 8/31/10 Time: 10:00am

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 Weather: rainy, cool

**Qualitative Observations:**

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	OK - some dead (10-20% due to heat/weather stress)		
Plant Damage by animals (percent damage)	none noted.		
Plant Vigor (list species)		salt grass.	
Plant Disease/Stress (percent by species)	all - dry		
Supplemental Planting Needed		area below "Rip E" on map - pretty bare	
Human Impacts (general)	none noted.		
Trash (volume)		minor - w/ high tide	
Vandalism (extent)	none noted		
Perimeter Fencing (condition/maintenance needs)	OK		
Goose Exclusion Fencing (condition/maintenance needs)	good.		
Large Woody Debris (recruitment, presence)	yes	yes/yes	
Mulch (quantity needed)	n/a		
Erosion/Sedimentation	no significant erosion.		

could enhance accretion. install GED? to capture/retain seeds

**Vegetation:**

Invasive Species and Location:	<u>pepperweed, blackberry, thistle, tansy, morning glory @ pt. # saddle</u>
Volunteer Species and Location:	<u>lots of pickleweed starts in new areas</u>

General Vegetation Notes: *Scirpus maritimus* established. *Potentilla* not establishing.  
 An area of gumweed on toe of Rip Area E - dead.

Wildlife Notes (Species observed, other evidence):

deer, raccoon (?) paw print, sm. avian species.  
 goose poop on island.

General Comments:

overall - dry - but looks good, salt marsh really filling in.

Photo Points (Record Picture # and Time):

Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Site: TSM  
 Date: 8/31/10

Site:	P 1 10:07 am	P 2 10:17 am	P 3 10:21 am	P 4 10:27 am
P 5 10:29 am	P 6 10:33 am	P 7 10:35 am	P	P
P	P	P	P	P



SWN PP1 (looking N) Missing photo.



SWN PP1 ESP 0810 051 (looking NE) 2010-08-11 13-29-49



SWN PP1 ESP 0810 052 (looking SE) 2010-08-11 13-30-02



SWN PP2 ESP 0810 055 (looking NW) 2010-08-11 13-36-28



SWN PP2 ESP 0810 056 (looking S) 2010-08-11 13-36-40



SWN PP2 ESP 0810 057 (looking SE) 2010-08-11 13-37-13



SWN PP3 ESP 0810 058 (looking S) 2010-08-11 13-39-24



SWN PP3 ESP 0810 059 (looking E) 2010-08-11 13-39-50



SWN PP3 ESP 0810 060 (looking NW) 2010-08-11 13-40-09



SWN PP4 ESP 0810 061 (looking E) 2010-08-11 13-44-07



SWN PP4 ESP 0810 062 (looking N) 2010-08-11 13-44-31



SWN PP4 ESP 0810 063 (looking S) 2010-08-11 13-44-45



SWN PP5 ESP 0810 064 (looking NE) 2010-08-11 14-02-13



SWN PP5 ESP 0810 065 (looking N) 2010-08-11 14-02-17



SWN PP6 ESP 0810 067 (looking N) 2010-08-11 14-22-04



SWN PP6 ESP 0810 068 (looking S) 2010-08-11 14-22-27



SWN PP6 ESP 0810 069 (looking W) 2010-08-11 14-22-50

## Environmental Stewardship Project Qualitative Ground Survey

Date: 8/11/10 Time: 1:15pm

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

Weather: Sunny, hot.

### Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW) <u>n/a.</u>
Survival of recent plantings	<u>some death in areas</u>	<u>w/sun exp.</u>	
Plant Damage by animals (percent damage)	<u>no recent noted</u>		
Plant Vigor (list species)	<u>conifers surviving better than shrubs</u>		
Plant Disease/Stress (percent by species)	<u>all upland dry - showing sun stress signs.</u>		
Supplemental Planting Needed	<u>not @ this time.</u>		
Human Impacts (general)	<u>near tribal prop -</u>	<u>much debris from building demo</u>	<u>(10-15 cu) <sup>est</sup></u>
Trash (volume)	<u>* and from fireworks.</u>		
Vandalism (extent)	<u>see</u>		
Perimeter Fencing (condition/maintenance needs)	<u>Poor due to tribal prop activities. need to be re-establishing</u>		
Goose Exclusion Fencing (condition/maintenance needs)	<u>n/a.</u>		
Large Woody Debris (recruitment, presence)		<u>n/a</u>	
Mulch (quantity needed)	<u>as needed.</u>		
Erosion/Sedimentation		<u>Sed near Ch A. diversion (spit growing still passage)</u>	

### Vegetation:

Invasive Species and Location:	<u>BB regrowth along pioneers, m. gloey, willowherb in n. end areas, sm. ivy starts (n end)</u>
Volunteer Species and Location:	<u>Trailing blackberry (no end)</u>

General Vegetation Notes: good growth on successful plantings and those recent plantings w/ shade

Wildlife Notes (Species observed, other evidence):  
Bees noted @ n. end of strip bordering pines just before the wetland. (b/t P4 and sign) flagged & had spray

General Comments: N. end - some transient activity.  
Dri-Water plants in sun by Tribe Prop. & island.  
cut CN back near sign.  
@ N end - collect blk plastic & weed slope for m. gloey, ivy down below. RGA tying near Channel B.  
\*noted less pedestrian traffic than recent (S end)

Photo Points (Record Picture # and Time): Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Site: SWN  
 Date: 8/11/10 except for where noted.

Site:	P 1 n. 9/8/10 3:25 pm	P 1 NE, SE 1:16 pm	P 2 NW, S, SE 1:24	P 3, E, NE, W 1:27 pm
P 4, E, N, S 1:32 pm	P 5 1:50 pm	P 6 N, S, W 2:09 pm	P	P
P	P	P	P	P

# **Attachment 3**

## **Task List**

Environmental Stewardship Project  
2011 Proposed Task List

Site	Category	Zone	Task Description	Priority 1,2,3	Timing Spr, S, F, W
Yowkwala	Invasive Species	Beach/Backshore	Control Pepperweed population	1	Spr, S, F, W
Yowkwala	Invasive Species	Beach/Backshore	Remove invasive species as identified. Species present include but are not limited to butterfly bush, poison oak, blackberry, pampas grass, Scotch broom and dock.	1	On-going
Yowkwala	Human Impacts	Hillslope	Regrade, mulch and plant social trail from treeline down to beach.	2	F (2011)
Yowkwala	Supplemental Planting	Backshore	Increase plant diversity of backshore areas	2	F (2010)
Yowkwala	Supplemental Planting	Backshore	Remove invasives and replant burned area. Effort has begun.	2	F
Yowkwala	Supplemental Planting	Backshore	Continue invasive removal in burned area. Create overall planting plan for entire area.	2	F (2011)
Yowkwala	Human Impacts	Beach	Dismantle/Remove beach "party house"	3	Any
Skookum Wulge	Invasive Species	Backshore	Control Pepperweed population	1	Spr, S
Skookum Wulge	Invasive Species	Uplands	Remove additional invasive species as directed at the South end of site. Species present include blackberry, knotweed, nightshade, morning glory, and ivy.	1	Spr (2011)
Skookum Wulge	Supplemental Planting	Uplands	Place topsoil as needed following invasive removal on South end of site and prior to planting.	1	Spr (2011)
Skookum Wulge	Supplemental Planting	Uplands	Provide erosion control, and replant with native species on the South end of site. Possible use of dri-water for irrigation.	1	Spr (2011)
Skookum Wulge	Fencing	Uplands	Place perimeter fencing (chain and bollard) following replanting of upland areas to help prevent dumping.	1	F, W
Skookum Wulge	Erosion	Beach/Uplands	Create conceptual design and estimate for placement of LWD on beach in front of erosional areas	2	S
Skookum Wulge	Supplemental Planting	Backshore Embayment	Enhance beach plant community	3	Spr (2011)
Squally Beach	Invasive Species	Marsh/Islands	Control Pepperweed population	1	Spr, S
Squally Beach	Invasive Species	Woods/Alder Grove	Remove additional invasive species as directed. Species present include knotweed and blackberry	1	On-going
Squally Beach	Invasive Species	West Woods/Tribal Property	Inject knotweed population to the west to control encroachment onto site (phased approach over time)	1	S (2011)
Squally Beach	Fencing/Erosion	Islands/Beach	Repair 30 feet of wood debris exclusion fencing at mouth of the west marsh.	2	F
Squally Beach	Human Impacts	Marsh	Cut and remove exposed fish netting to the extent it will not damage plants during removal.	3	On-going
Squally Beach	Supplemental Planting	Islands	Plant islands with high marsh species	3	Spr
Squally Beach	Supplemental Planting	Woods/Alder Grove	Enhance riparian area with additional tree/shrub planting	3	F
Mowitch	Invasive Species	Riparian F1-F7	Control Pepperweed population	1	Spr, S
Mowitch	Invasive Species	Riparian F1-F7	Remove additional invasive species as directed. Species present include blackberry, phragmites, birds-foot trefoil, and St. John's Wort.	1	On-going
Mowitch	Invasive Species/Plant Vigor	Riparian F1-F7	Weed and spot mulch around native plants in the riparian area	2	F (2011)
Mowitch	Fencing	Riparian F1-F7/Marsh	Remove goose exclusion fencing where plant establishment has been successful. Repair as needed in areas where it is to be left in place.	2	On-going
Mowitch	Supplemental Planting	Riparian F1-F7	Enhance riparian area by planting both native shrubs and canopy species	2	F (2010)
Mowitch	Supplemental Planting	Marsh	Expand planting areas on the islands with the successful salt marsh species	2	Spr (2011)
Mowitch	Fencing	Riparian F-1	Install gate to property	3	Any
Mowitch	Human Impacts	Marsh	Cut and remove exposed fish netting to the extent it will not damage plants during removal.	3	On-going
Jordan	Invasive Species	Marsh	Control purple loosestrife population	1	S
Jordan	Invasive Species	Riparian	Continue to keep blackberry at bay to the east of restored area (i.e. on side of trail away from creek)	1	W, Spr
Jordan	Supplemental Planting	Riparian	Work with Trustees to create and implement solutions in areas affected by alder thinning actions.	1	Spr (2011)
Jordan	Supplemental Planting	Riparian	Plant on the east side of the trail in the flat area located in between platform 1 and 2.	1	F (2011)
Jordan	Invasive Species	Marsh/Uplands	Remove additional invasive species as directed. Species present include reed canary grass, purple loosestrife and blackberry.	1	On-going
Jordan	Plant Vigor	Uplands	Thinning of alder. (Criteria proposed - clearing of alder in a 3 foot radius around planted native species, thinning the limbs).	1	Spr, S

Environmental Stewardship Project  
2011 Proposed Task List

<b>Middle Waterway - Simpson</b>	Invasive Species	Uplands	Remove invasive species as directed. Species present include pea, St. John's Wort, and blackberry.	1	On-going
Middle Waterway - Simpson	Mulch	North Bank/SouthBank	Mulch riparian area around new plantings.	2	F (2011)
Middle Waterway - Simpson	Supplemental Planting	North Bank/SouthBank	Enhance riparian area with shrubs, ground cover and trees	2	F (2011)
Middle Waterway - Simpson	Fencing/Supplemental Planting	Sandspurry Beach	Extend goose exclusion and plant new salt marsh areas	2	Spr
<b>Middle Waterway - City</b>	Invasive Species	Riparian	Remove invasive species as directed. Species present include white sweet clover, butterfly bush, pampas grass, nightshade, blackberry, reed canary grass, and spotted knapweed.	1	On-going
Middle Waterway - City	Supplemental Planting	Riparian/Upper Marsh	Enhance riparian areas with conifers along East F St. and along the back side of the substation	1	F
Middle Waterway - City	Plant Vigor	Riparian	Maintain trail to sign	3	Spr
Middle Waterway - City	Aesthetics/Access	Riparian	Cut vegetation back 3-6 feet from sidewalks on East 11th St.	3	Spr
Middle Waterway - City	Access	Riparian	Continue to maintain access points	3	Any
<b>Olympic View - City/DNR</b>	Invasive Species	Riparian/Beach	Control Pepperweed population	1	Spr, S
Olympic View - City/DNR	Invasive Species	Riparian/Beach/Triangle perimeter	Remove additional invasive species as directed. Species present include tansy ragwort, burdock, nightshade, blackberry, St. John's Wort, and white sweet clover	1	On-going
Olympic View - City/DNR	Plant Vigor	Riparian/Triangle	Thin out cottonwood. Possibly transplant to front of Capital warehouse walkway	1	F
Olympic View - City/DNR	Supplemental Planting	Riparian	Add to riparian species diversity and area	2	Spr (2011)
Olympic View - City/DNR	Supplemental Planting?	Beach/Marsh	Needs additional salt marsh plantings based on observed survivability	1	Spr (2011)
Olympic View - City/DNR	Erosion	Beach/Marsh	Monitor sedimentation/erosion in salt marsh and beach shift	2	S, W
<b>Tahoma Salt Marsh</b>	Invasive Species	Marsh	Control Pepperweed population	1	Spr, S
Tahoma Salt Marsh	Invasive Species	Riparian	Remove additional invasive species as directed. Species present include tansy ragwort, nightshade, blackberry, and thistle	1	On-going
Tahoma Salt Marsh	Large Woody Debris	Marsh	Re-anchor large woody debris in place	1	F
Tahoma Salt Marsh	Trash	Marsh	Remove wood (plywood with nails)	1	F
Tahoma Salt Marsh	Plant Vigor	Riparian	Pull grass away from plants	1	F
Tahoma Salt Marsh	Supplemental Planting	Marsh	Plant bare salt marsh area at the south end near the outfall	1	Spr (2011)
<b>Swan Creek</b>	Invasive Species	Riparian/East and West Bank	Remove invasive species as directed. Species present include Scotch broom, morning glory, blackberry, reed canary grass, knotweed	1	On-going
Swan Creek	Fencing	Riparian	Fencing needs to be replaced/repared defining the boundary between Lil Red Smokeshack property and restoration property once site is cleaned up by tribal efforts.	1	Any
Swan Creek	Fencing	Riparian	Chain and bollard fence at north end needs to be replaced to prevent dumping	2	F, Spr
Swan Creek	Supplemental Planting	Riparian	Additional plants needed on roadside slope where invasives have been cleared	2	F, Spr
<b>All Sites</b>	General		Cover rebar tops with caps	1	On-going
All Sites	General		Re-establish photopoint monitoring locations as needed with GPS	1	On-going
All Sites	General		Garbage pickup (in accordance with SOW)	1	On-going
All Sites	General		Locate marsh stock suppliers	2	On-going
All Sites	General		Clean signs as needed	2	On-going
All Sites	General		Hire photographer to take photos at all sites	1	Late Spring/S
All Sites	General		Create brochure for public distribution with directions and descriptions of NRDA Commencement Bay restoration	1	S (2011)
<b>Color Legend:</b>					
Ongoing					
Planned (2010 carry over)					
Completed (2010)					
Proposed, New (2011)					
Deleted from Scope					
Not Begun					

**Attachment 4**

**Financial Summary**

**Consolidated Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Capital Outlay	Grand Total
Project Management (-01)	\$1,134.23	\$0.00	\$0.00	\$1,134.23
Reporting and Documentation (-02)	\$1,373.90	\$0.00	\$0.00	\$1,373.90
<b>Sub Total*</b>	<b>\$2,508.13</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$2,508.13</b>
Site Monitoring (-xx-01)	\$1,866.09	\$0.00	\$0.00	\$1,866.09
Site Maintenance (-xx-02)	\$0.00	\$112.00	\$0.00	\$112.00
WCC Crew (\$48.08/hr)	\$3,894.48	\$0.00	\$0.00	\$3,894.48
Adaptive Maintenance (-xx-03)	\$51.14	\$1,224.71	\$0.00	\$1,275.85
General Maintenance and Monitoring (-30)	\$0.00	\$4,421.64	\$0.00	\$4,421.64
<b>Sub Total</b>	<b>\$5,811.71</b>	<b>\$5,758.35</b>	<b>\$0.00</b>	<b>\$11,570.06</b>
<b>Grand Total</b>	<b>\$8,319.84</b>	<b>\$5,758.35</b>	<b>\$0.00</b>	<b>\$14,078.19</b>

\* Total can not exceed \$29,535.

Life to 09/30/10

Personnel Service	Supplies & Service	Capital Outlay	Grand Total
\$12,073.52	\$323.12	\$0.00	\$12,396.64
\$6,830.28	\$0.00	\$0.00	\$6,830.28
<b>\$18,903.80</b>	<b>\$323.12</b>	<b>\$0.00</b>	<b>\$19,226.92</b>
\$5,718.39	\$0.00	\$0.00	\$5,718.39
\$1,080.16	\$3,388.37	\$0.00	\$4,468.53
\$35,664.28	\$0.00	\$0.00	\$35,664.28
\$7,168.43	\$3,851.18	\$0.00	\$11,019.61
\$1,416.96	\$5,211.65	\$0.00	\$6,628.61
<b>\$51,048.22</b>	<b>\$12,451.20</b>	<b>\$0.00</b>	<b>\$63,499.42</b>
<b>\$69,952.02</b>	<b>\$12,774.32</b>	<b>\$0.00</b>	<b>\$82,726.34</b>

**ESP Financing Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Life to 09/30/10

Project Task	Capital Outlay	Grand Total
ESP Financing (-20)	\$388,000.00	\$388,000.00
Payment to NOAA	(\$30,000.00)	(\$30,000.00)
Payment to EPA	(\$89,500.00)	(\$89,500.00)
Transferred to Escrow	\$286,500.00	\$286,500.00
Credit Received	(\$5,989.44)	(\$5,989.44)
Balance Available	\$280,510.56	\$280,510.56

Capital Outlay	Grand Total
\$388,000.00	\$388,000.00
(\$30,000.00)	(\$30,000.00)
(\$89,500.00)	(\$89,500.00)
\$286,500.00	\$286,500.00
(\$5,989.44)	(\$5,989.44)
\$280,510.56	\$280,510.56

**Project Management Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Capital Outlay	Grand Total
Project Management (-01)	\$1,134.23	\$0.00	\$0.00	\$1,134.23

Life to 09/30/10

Personnel Service	Supplies & Service	Capital Outlay	Grand Total
\$12,073.52	\$323.12	\$0.00	\$12,396.64

Layout /1SAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
08/02/2010	ENV-00371	5190000	Int-Labor from Proj	143.75		ENV-00371-01
08/02/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-01
08/02/2010	ENV-00371	5190000	Int-Labor from Proj	747.50		ENV-00371-02
08/02/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-02
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	460.00		ENV-00371-01
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-01
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-03
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-03
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-04
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	51.14		ENV-00371-04
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-05
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-05
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	115.00		ENV-00371-06
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	153.42		ENV-00371-06
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-07
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	153.42		ENV-00371-07
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-08
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-08
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-09
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-09
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-10
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-10
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	115.00		ENV-00371-12
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-12
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	86.25		ENV-00371-13
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-13
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	172.50		ENV-00371-01
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	153.42		ENV-00371-01
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	115.00		ENV-00371-02
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	409.12		ENV-00371-02
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	86.25		ENV-00371-03
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-04
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-05
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	51.14		ENV-00371-07
08/02/2010	ENV-00371	5290000	Int-Mats from Proj	1,224.71		ENV-00371-09
09/01/2010	ENV-00371	5390000	Int-Srvcs from Proj	4,421.64		ENV-00371-20
*	ENV-00371			10,071.71		
07/06/2010	ENV-00371-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
07/07/2010	ENV-00371-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
07/06/2010	ENV-00371-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/03/2010	ENV-00371-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/04/2010	ENV-00371-01	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-01	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-01	5195000	Act-Labor Regular	172.50	Mary L Henley	521600/P20830
08/04/2010	ENV-00371-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/14/2010	ENV-00371-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
09/24/2010	ENV-00371-01	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/07/2010	ENV-00371-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/14/2010	ENV-00371-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-01			1,134.23		
07/20/2010	ENV-00371-02	5195000	Act-Labor Regular	287.50	Mary L Henley	521600/P20830
07/21/2010	ENV-00371-02	5195000	Act-Labor Regular	287.50	Mary L Henley	521600/P20830
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	172.50	Mary L Henley	521600/P20830

**Reporting and Documentation Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Reporting and Documentation (-02)	\$1,373.90	\$0.00	\$1,373.90

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$6,830.28	\$0.00	\$6,830.28

Layout /LSAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
08/02/2010	ENV-00371	5190000	Int-Labor from Proj	143.75		ENV-00371-01
08/02/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-01
08/02/2010	ENV-00371	5190000	Int-Labor from Proj	747.50		ENV-00371-02
08/02/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-02
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	460.00		ENV-00371-01
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-01
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-03
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-03
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-04
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	51.14		ENV-00371-04
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-05
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-05
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	115.00		ENV-00371-06
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	153.42		ENV-00371-06
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-07
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	153.42		ENV-00371-07
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-08
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-08
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-09
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-09
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-10
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-10
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	115.00		ENV-00371-12
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	76.71		ENV-00371-12
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	86.25		ENV-00371-13
09/01/2010	ENV-00371	5190000	Int-Labor from Proj	102.28		ENV-00371-13
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	172.50		ENV-00371-01
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	153.42		ENV-00371-01
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	115.00		ENV-00371-02
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	409.12		ENV-00371-02
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	86.25		ENV-00371-03
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-04
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	57.50		ENV-00371-05
10/06/2010	ENV-00371	5190000	Int-Labor from Proj	51.14		ENV-00371-07
08/02/2010	ENV-00371	5290000	Int-Mats from Proj	1,224.71		ENV-00371-09
09/01/2010	ENV-00371	5390000	Int-Srvcs from Proj	4,421.64		ENV-00371-20
*	ENV-00371			10,071.71		
07/06/2010	ENV-00371-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
07/07/2010	ENV-00371-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
07/06/2010	ENV-00371-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/03/2010	ENV-00371-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/04/2010	ENV-00371-01	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-01	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-01	5195000	Act-Labor Regular	172.50	Mary L Henley	521600/P20830
08/04/2010	ENV-00371-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/14/2010	ENV-00371-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
09/24/2010	ENV-00371-01	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/07/2010	ENV-00371-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/14/2010	ENV-00371-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-01			1,134.23		
07/20/2010	ENV-00371-02	5195000	Act-Labor Regular	287.50	Mary L Henley	521600/P20830
07/21/2010	ENV-00371-02	5195000	Act-Labor Regular	287.50	Mary L Henley	521600/P20830
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	172.50	Mary L Henley	521600/P20830

Layout /1SAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/15/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
09/22/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
*	ENV-00371-02			1,373.90		
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	57.50		ENV-00371-03-01
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	102.28		ENV-00371-03-01
10/06/2010	ENV-00371-03	5190000	Int-Labor from Proj	86.25		ENV-00371-03-01
*	ENV-00371-03			246.03		
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-03-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
*	ENV-00371-03-01			246.03		
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	51.14		ENV-00371-04-01
10/06/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
*	ENV-00371-04			166.14		
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
*	ENV-00371-04-01			166.14		
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	76.71		ENV-00371-05-01
10/06/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
*	ENV-00371-05			191.71		
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
*	ENV-00371-05-01			191.71		
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	115.00		ENV-00371-06-01
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	153.42		ENV-00371-06-01
*	ENV-00371-06			268.42		
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			268.42		
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	57.50		ENV-00371-07-01
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	153.42		ENV-00371-07-01
10/06/2010	ENV-00371-07	5190000	Int-Labor from Proj	51.14		ENV-00371-07-03
*	ENV-00371-07			262.06		
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-07-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			210.92		
09/02/2010	ENV-00371-07-03	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			51.14		
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	57.50		ENV-00371-08-01
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	76.71		ENV-00371-08-01
*	ENV-00371-08			134.21		
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-08-01			134.21		

**Yowkwala Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$246.03	\$0.00	\$246.03
Site Maintenance (-xx-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$0.00	\$0.00	\$0.00
Adaptive Maintenance (-xx-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$246.03	\$0.00	\$246.03

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$711.37	\$0.00	\$711.37
\$0.00	\$261.32	\$261.32
\$2,846.12	\$0.00	\$2,846.12
\$0.00	\$0.00	\$0.00
\$3,557.49	\$261.32	\$3,818.81

Layout  
Object  
Cost Element  
Posting Date

/1SAP  
WBS ENV-00371  
5190000 To 5390000  
07/01/2010 To 09/30/2010

City's standard layout - DO NOT CHANGE  
Environmental Stewardship Proj  
Int-Labor from Proj...

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/15/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
09/22/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
*	ENV-00371-02			1,373.90		
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	57.50		ENV-00371-03-01
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	102.28		ENV-00371-03-01
10/06/2010	ENV-00371-03	5190000	Int-Labor from Proj	86.25		ENV-00371-03-01
*	ENV-00371-03			246.03		
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-03-01	5195000	Act-Labor Regular	86.25	Marv L Henley	521600/P20830
*	ENV-00371-03-01			246.03		
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	51.14		ENV-00371-04-01
10/06/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
*	ENV-00371-04			166.14		
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Marv L Henley	521600/P20830
*	ENV-00371-04-01			166.14		
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	76.71		ENV-00371-05-01
10/06/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
*	ENV-00371-05			191.71		
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Marv L Henley	521600/P20830
*	ENV-00371-05-01			191.71		
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	115.00		ENV-00371-06-01
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	153.42		ENV-00371-06-01
*	ENV-00371-06			268.42		
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			268.42		
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	57.50		ENV-00371-07-01
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	153.42		ENV-00371-07-01
10/06/2010	ENV-00371-07	5190000	Int-Labor from Proj	51.14		ENV-00371-07-03
*	ENV-00371-07			262.06		
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-07-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			210.92		
09/02/2010	ENV-00371-07-03	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			51.14		
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	57.50		ENV-00371-08-01
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	76.71		ENV-00371-08-01
*	ENV-00371-08			134.21		
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-08-01			134.21		

**Skookum Wulge Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$166.14	\$0.00	\$166.14
Site Maintenance (-xx-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$0.00	\$0.00	\$0.00
Adaptive Maintenance (-xx-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$166.14	\$0.00	\$166.14

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$453.14	\$0.00	\$453.14
\$0.00	\$486.22	\$486.22
\$2,581.74	\$0.00	\$2,581.74
\$6,759.31	\$85.25	\$6,844.56
\$9,794.19	\$571.47	\$10,365.66

Layout  
Object  
Cost Element  
Posting Date

/1SAP  
WBS ENV-00371  
5190000 To 5390000  
07/01/2010 To 09/30/2010

City's standard layout - DO NOT CHANGE  
Environmental Stewardship Proj  
Int-Labor from Proj...

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/15/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
09/22/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
	ENV-00371-02			1,373.90		
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	57.50		ENV-00371-03-01
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	102.28		ENV-00371-03-01
10/06/2010	ENV-00371-03	5190000	Int-Labor from Proj	86.25		ENV-00371-03-01
	ENV-00371-03			246.03		
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-03-01	5195000	Act-Labor Regular	86.25	Marv L Henley	521600/P20830
	ENV-00371-03-01			246.03		
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	51.14		ENV-00371-04-01
10/06/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
	ENV-00371-04			166.14		
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Marv L Henley	521600/P20830
	ENV-00371-04-01			166.14		
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	76.71		ENV-00371-05-01
10/06/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
	ENV-00371-05			191.71		
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Marv L Henley	521600/P20830
	ENV-00371-05-01			191.71		
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	115.00		ENV-00371-06-01
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	153.42		ENV-00371-06-01
	ENV-00371-06			268.42		
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
	ENV-00371-06-01			268.42		
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	57.50		ENV-00371-07-01
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	153.42		ENV-00371-07-01
10/06/2010	ENV-00371-07	5190000	Int-Labor from Proj	51.14		ENV-00371-07-03
	ENV-00371-07			262.06		
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-07-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
	ENV-00371-07-01			210.92		
09/02/2010	ENV-00371-07-03	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
	ENV-00371-07-03			51.14		
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	57.50		ENV-00371-08-01
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	76.71		ENV-00371-08-01
	ENV-00371-08			134.21		
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
	ENV-00371-08-01			134.21		

**Squally Beach Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$191.71	\$0.00	\$191.71
Site Maintenance (-xx-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$0.00	\$0.00	\$0.00
Adaptive Maintenance (-xx-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$191.71	\$0.00	\$191.71

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$529.85	\$0.00	\$529.85
\$0.00	\$1,086.15	\$1,086.15
\$1,610.62	\$0.00	\$1,610.62
\$0.00	\$0.00	\$0.00
\$2,140.47	\$1,086.15	\$3,226.62

Layout  
Object  
Cost Element  
Posting Date

/1SAP  
WBS ENV-00371  
5190000 To 5390000  
07/01/2010 To 09/30/2010

City's standard layout - DO NOT CHANGE  
Environmental Stewardship Proj  
Int-Labor from Proj...

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/15/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
09/22/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
*	ENV-00371-02			1,373.90		
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	57.50		ENV-00371-03-01
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	102.28		ENV-00371-03-01
10/06/2010	ENV-00371-03	5190000	Int-Labor from Proj	86.25		ENV-00371-03-01
*	ENV-00371-03			246.03		
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-03-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
*	ENV-00371-03-01			246.03		
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	51.14		ENV-00371-04-01
10/06/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
*	ENV-00371-04			166.14		
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
*	ENV-00371-04-01			166.14		
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	76.71		ENV-00371-05-01
10/06/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
*	ENV-00371-05			191.71		
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
*	ENV-00371-05-01			191.71		
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	115.00		ENV-00371-06-01
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	153.42		ENV-00371-06-01
*	ENV-00371-06			268.42		
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			268.42		
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	57.50		ENV-00371-07-01
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	153.42		ENV-00371-07-01
10/06/2010	ENV-00371-07	5190000	Int-Labor from Proj	51.14		ENV-00371-07-03
*	ENV-00371-07			262.06		
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-07-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			210.92		
09/02/2010	ENV-00371-07-03	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			51.14		
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	57.50		ENV-00371-08-01
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	76.71		ENV-00371-08-01
*	ENV-00371-08			134.21		
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-08-01			134.21		

**Mowitch Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$268.42	\$0.00	\$268.42
Site Maintenance (-xx-02)	\$0.00	\$20.00	\$20.00
WCC Crew (\$48.08/hr)	\$817.36	\$0.00	\$817.36
Adaptive Maintenance (-xx-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$1,085.78	\$20.00	\$1,105.78

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$635.94	\$0.00	\$635.94
\$0.00	\$90.88	\$90.88
\$2,404.00	\$0.00	\$2,404.00
\$0.00	\$0.00	\$0.00
\$3,039.94	\$90.88	\$3,130.82

Layout  
Object  
Cost Element  
Posting Date

/1SAP  
WBS ENV-00371  
5190000 To 5390000  
07/01/2010 To 09/30/2010

City's standard layout - DO NOT CHANGE  
Environmental Stewardship Proj  
Int-Labor from Proj...

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/15/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
09/22/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
*	ENV-00371-02			1,373.90		
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	57.50		ENV-00371-03-01
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	102.28		ENV-00371-03-01
10/06/2010	ENV-00371-03	5190000	Int-Labor from Proj	86.25		ENV-00371-03-01
*	ENV-00371-03			246.03		
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-03-01	5195000	Act-Labor Regular	86.25	Marv L Henley	521600/P20830
*	ENV-00371-03-01			246.03		
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	51.14		ENV-00371-04-01
10/06/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
*	ENV-00371-04			166.14		
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Marv L Henley	521600/P20830
*	ENV-00371-04-01			166.14		
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	76.71		ENV-00371-05-01
10/06/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
*	ENV-00371-05			191.71		
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Marv L Henley	521600/P20830
*	ENV-00371-05-01			191.71		
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	115.00		ENV-00371-06-01
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	153.42		ENV-00371-06-01
*	ENV-00371-06			268.42		
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			268.42		
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	57.50		ENV-00371-07-01
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	153.42		ENV-00371-07-01
10/06/2010	ENV-00371-07	5190000	Int-Labor from Proj	51.14		ENV-00371-07-03
*	ENV-00371-07			262.06		
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-07-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			210.92		
09/02/2010	ENV-00371-07-03	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			51.14		
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	57.50		ENV-00371-08-01
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	76.71		ENV-00371-08-01
*	ENV-00371-08			134.21		
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-08-01			134.21		

**Tacoma Hours**

Month: September Year:2010

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
56th Ave																																0	
48th St Bioswale																																	0
Celebration Park																														1		1	
Service Projects																							4									4	
City Projects									4														2				5		5			16	
Ecology Hours																10												10				20	
Esplanade																														1		1	
Head of Thea Foss																														1		1	
Hylebos																					1											1	
Interviews																													2			2	
Johnny's Dock																																	0
Jordan-Hylebos																					3									1		4	
Landfill Buffer																														1		1	
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City								4	5																					1		10	
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch							9	6													2												17
North Beach																														1		1	
Olympic View																																	0
Paperwork/Safety Meeting									1																		5						6
PCD Water Quality																						2	3										4.5
Puyallup River Side Channel	8	10																												1		19	
Thea Foss log/fence																																	0
Skookum Wuldge																																	0
Squally																																	0
Surface/Storm Water													10	10	10						10											40	
Swan Creek																					2									1		3	
Tahoma Salt Marsh																					2	6							1			9	
Titlow Daylight																																	0
Tool Maintenance	2						1															2						3				7.5	
Visscher Rain Garden																						2											2
Yowkwala																																	0
Work with other crew																																	0
Total Hours	10	10	0	0	0	0	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	170	

Days schedule off for crew: Labor Day

Furlough Day: Luis off

Mowitz

City of Tacoma

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 631577  
Date: 09/20/10  
Time In: 17:06  
Time Out: 17:15  
Turnaround: 9  
Operator: RB  
Site: LF

Gr: 7240 Tr: 7180 NET: 60  
Gr:1 Tr: 2  
15 - City Com SW

TIP FEE: 10.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$10.00  
TENDERED: 10.00

Payment:  
1 - Charge \$10.00

NOTE:

Signature: \_\_\_\_\_

Mowitz

City of Tacoma

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 625177  
Date: 09/07/10  
Time In: 16:20  
Time Out: 16:28  
Turnaround: 8  
Operator: BH  
Site: LF

Gr: 7140 Tr: 7080 NET: 60  
Gr:1 Tr: 2  
15 - City Com SW

TIP FEE: 10.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$10.00  
TENDERED: 10.00

Payment:  
1 - Charge \$10.00

NOTE:

10-

10-

\$ 20-

Jordan / Lower Hylebos Marsh Summary - ENV-00371 - Environmental Stewardship Project (ESP)

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$210.92	\$0.00	\$210.92
Site Maintenance (-xx-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$1,730.88	\$0.00	\$1,730.88
Adaptive Maintenance (-xx-03)	\$51.14	\$0.00	\$51.14
Grand Total	\$1,992.94	\$0.00	\$1,992.94

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$801.45	\$0.00	\$801.45
\$46.05	\$10.00	\$56.05
\$4,750.04	\$0.00	\$4,750.04
\$51.14	\$0.00	\$51.14
\$5,648.68	\$10.00	\$5,658.68

Layout  
Object  
Cost Element  
Posting Date

/1SAP  
WBS ENV-00371  
5190000 To 5390000  
07/01/2010 To 09/30/2010

City's standard layout - DO NOT CHANGE  
Environmental Stewardship Proj  
Int-Labor from Proj...

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/15/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
09/22/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
*	ENV-00371-02			1,373.90		
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	57.50		ENV-00371-03-01
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	102.28		ENV-00371-03-01
10/06/2010	ENV-00371-03	5190000	Int-Labor from Proj	86.25		ENV-00371-03-01
*	ENV-00371-03			246.03		
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-03-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
*	ENV-00371-03-01			246.03		
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	51.14		ENV-00371-04-01
10/06/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
*	ENV-00371-04			166.14		
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
*	ENV-00371-04-01			166.14		
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	76.71		ENV-00371-05-01
10/06/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
*	ENV-00371-05			191.71		
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
*	ENV-00371-05-01			191.71		
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	115.00		ENV-00371-06-01
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	153.42		ENV-00371-06-01
*	ENV-00371-06			268.42		
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			268.42		
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	57.50		ENV-00371-07-01
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	153.42		ENV-00371-07-01
10/06/2010	ENV-00371-07	5190000	Int-Labor from Proj	51.14		ENV-00371-07-03
*	ENV-00371-07			262.06		
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-07-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			210.92		
09/02/2010	ENV-00371-07-03	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			51.14		
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	57.50		ENV-00371-08-01
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	76.71		ENV-00371-08-01
*	ENV-00371-08			134.21		
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-08-01			134.21		

**Tacoma Hours**

Month: July

Year: 2010

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
56th Ave																																0	
48th St Bioswale																																	0
Celebration Park																																	0
Service Projects	8														8												5					21	
City Projects											10	10	8																			28	
Ecology Hours																				1												1	
Esplanade																																	0
Head of Thea Foss	2																					6										8	
Hylebos																																	0
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos																										10	5	10	7				32
Landfill Buffer													2	2					2		8											0	
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City																																	0
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch																																	0
North Beach																					8												8
Olympic View																																	0
Paperwork/Safety Meeting																													2				2
PCD Water Quality																						3											3
Puyallup River Side Channel																																	0
Thea Foss log/fence																																	0
Skookum Wuldge																																	0
Squally																																	0
Surface/Storm Water																			8	1	2												11
Swan Creek																																	0
Tahoma Salt Marsh																																	0
Titlow Daylight																																	0
Tool Maintenance																						1							1				2
Visscher Rain Garden																																	0
Yowkwala																																	0
Work with other crew																																	0
Total Hours	10	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	130	

Days schedule off for crew: July break

**Tacoma Hours**

Month: September Year:2010

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
56th Ave																																0	
48th St Bioswale																																	0
Celebration Park																														1		1	
Service Projects																							4									4	
City Projects								4															2			5		5				16	
Ecology Hours																10												10				20	
Esplanade																														1		1	
Head of Thea Foss																														1		1	
Hylebos																					1											1	
Interviews																														2		2	
Johnny's Dock																																	0
Jordan-Hylebos																					3										1		4
Landfill Buffer																															1		1
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City								4	5																					1		10	
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch							9	6													2												17
North Beach																														1		1	
Olympic View																																	0
Paperwork/Safety Meeting									1																		5						6
PCD Water Quality																							2	3									4.5
Puyallup River Side Channel	8	10																												1		19	
Thea Foss log/fence																																	0
Skookum Wuldge																																	0
Squally																																	0
Surface/Storm Water													10	10	10							10										40	
Swan Creek																					2										1		3
Tahoma Salt Marsh																					2		6							1		9	
Titlow Daylight																																	0
Tool Maintenance	2						1																2						3			7.5	
Visscher Rain Garden																							2										2
Yowkwala																																	0
Work with other crew																																	0
Total Hours	10	10	0	0	0	0	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	170	

Days schedule off for crew: Labor Day

Furlough Day:Luis off

Layout  
Object  
Cost Element  
Posting Date

/LSAP  
WBS ENV-00371  
5190000 To 5390000  
07/01/2010 To 09/30/2010

City's standard layout - DO NOT CHANGE  
Environmental Stewardship Proj  
Int-Labor from Proj...

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/15/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
09/22/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
*	ENV-00371-02			1,373.90		
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	57.50		ENV-00371-03-01
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	102.28		ENV-00371-03-01
10/06/2010	ENV-00371-03	5190000	Int-Labor from Proj	86.25		ENV-00371-03-01
*	ENV-00371-03			246.03		
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-03-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
*	ENV-00371-03-01			246.03		
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	51.14		ENV-00371-04-01
10/06/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
*	ENV-00371-04			166.14		
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
*	ENV-00371-04-01			166.14		
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	76.71		ENV-00371-05-01
10/06/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
*	ENV-00371-05			191.71		
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
*	ENV-00371-05-01			191.71		
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	115.00		ENV-00371-06-01
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	153.42		ENV-00371-06-01
*	ENV-00371-06			268.42		
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			268.42		
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	57.50		ENV-00371-07-01
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	153.42		ENV-00371-07-01
10/06/2010	ENV-00371-07	5190000	Int-Labor from Proj	51.14		ENV-00371-07-03
*	ENV-00371-07			262.06		
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-07-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			210.92		
09/02/2010	ENV-00371-07-03	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			51.14		
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	57.50		ENV-00371-08-01
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	76.71		ENV-00371-08-01
*	ENV-00371-08			134.21		
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-08-01			134.21		

**Middle Waterway-City of Tacoma Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$134.21	\$0.00	\$134.21
Site Maintenance (-xx-02)	\$0.00	\$82.00	\$82.00
WCC Crew (\$48.08/hr)	\$769.28	\$0.00	\$769.28
Adaptive Maintenance (-xx-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$903.49	\$82.00	\$985.49

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$450.57	\$0.00	\$450.57
\$0.00	\$212.92	\$212.92
\$3,216.42	\$0.00	\$3,216.42
\$0.00	\$158.48	\$158.48
\$3,666.99	\$371.40	\$4,038.39

Layout  
Object  
Cost Element  
Posting Date

/1SAP  
WBS ENV-00371  
5190000 To 5390000  
07/01/2010 To 09/30/2010

City's standard layout - DO NOT CHANGE  
Environmental Stewardship Proj  
Int-Labor from Proj...

Doc. Date	Object	Cost Elem.	Cost elem.name	Val. in RC	Empl./appl.name	Partner object
07/22/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	115.00	Mary L Henley	521600/P20830
09/09/2010	ENV-00371-02	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
09/15/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
09/22/2010	ENV-00371-02	5195000	Act-Labor Regular	153.42	Desiree K Pooley	521600/P20930
*	ENV-00371-02			1,373.90		
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	57.50		ENV-00371-03-01
09/01/2010	ENV-00371-03	5190000	Int-Labor from Proj	102.28		ENV-00371-03-01
10/06/2010	ENV-00371-03	5190000	Int-Labor from Proj	86.25		ENV-00371-03-01
*	ENV-00371-03			246.03		
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-03-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-03-01	5195000	Act-Labor Regular	86.25	Marv L Henley	521600/P20830
*	ENV-00371-03-01			246.03		
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
09/01/2010	ENV-00371-04	5190000	Int-Labor from Proj	51.14		ENV-00371-04-01
10/06/2010	ENV-00371-04	5190000	Int-Labor from Proj	57.50		ENV-00371-04-01
*	ENV-00371-04			166.14		
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-04-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-04-01	5195000	Act-Labor Regular	57.50	Marv L Henley	521600/P20830
*	ENV-00371-04-01			166.14		
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
09/01/2010	ENV-00371-05	5190000	Int-Labor from Proj	76.71		ENV-00371-05-01
10/06/2010	ENV-00371-05	5190000	Int-Labor from Proj	57.50		ENV-00371-05-01
*	ENV-00371-05			191.71		
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-05-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
08/31/2010	ENV-00371-05-01	5195000	Act-Labor Regular	57.50	Marv L Henley	521600/P20830
*	ENV-00371-05-01			191.71		
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	115.00		ENV-00371-06-01
09/01/2010	ENV-00371-06	5190000	Int-Labor from Proj	153.42		ENV-00371-06-01
*	ENV-00371-06			268.42		
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-06-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-06-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			268.42		
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	57.50		ENV-00371-07-01
09/01/2010	ENV-00371-07	5190000	Int-Labor from Proj	153.42		ENV-00371-07-01
10/06/2010	ENV-00371-07	5190000	Int-Labor from Proj	51.14		ENV-00371-07-03
*	ENV-00371-07			262.06		
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-07-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
08/25/2010	ENV-00371-07-01	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			210.92		
09/02/2010	ENV-00371-07-03	5195000	Act-Labor Regular	51.14	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			51.14		
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	57.50		ENV-00371-08-01
09/01/2010	ENV-00371-08	5190000	Int-Labor from Proj	76.71		ENV-00371-08-01
*	ENV-00371-08			134.21		
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-08-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-08-01			134.21		

**Tacoma Hours**

Month: August

Year:2010

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
56th Ave																																0	
48th St Bioswale																																	0
Celebration Park																																	0
Service Projects																																	0
City Projects									6	2							5																12.5
Ecology Hours																							10	10	10	10							40
Esplanade												5																	6				11
Head of Thea Foss																																	0
Hylebos																8	10	6	10														33.5
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos																																	0
Landfill Buffer																																	0
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City				6																													6
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch																																	0
North Beach										7	10																		4				21
Olympic View																																	0
Paperwork/Safety Meeting																																	0
PCD Water Quality																																	0
Puyallup River Side Channel		10							4			2				2														10			28
Thea Foss log/fence																																	0
Skookum Wuldge																																	0
Squally																																	0
Surface/Storm Water			10	4																													14
Swan Creek																																	0
Tahoma Salt Marsh																																	0
Titlow Daylight																																	0
Tool Maintenance										1																							1
Visscher Rain Garden												3																					3
Yowkwala																																	0
Work with other crew																																	0
Total Hours	0	10	10	10	0	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	170	

Days schedule off for crew: Furlough day

**Tacoma Hours**

Month: September Year:2010

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
56th Ave																																0	
48th St Bioswale																																	0
Celebration Park																														1		1	
Service Projects																							4									4	
City Projects									4														2			5		5				16	
Ecology Hours																10												10				20	
Esplanade																														1		1	
Head of Thea Foss																														1		1	
Hylebos																					1											1	
Interviews																													2			2	
Johnny's Dock																																	0
Jordan-Hylebos																					3									1		4	
Landfill Buffer																														1		1	
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City								4	5																					1		10	
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch							9	6													2												17
North Beach																														1		1	
Olympic View																																	0
Paperwork/Safety Meeting									1																	5							6
PCD Water Quality																						2	3										4.5
Puyallup River Side Channel	8	10																												1		19	
Thea Foss log/fence																																	0
Skookum Wuldge																																	0
Squally																																	0
Surface/Storm Water													10	10	10							10											40
Swan Creek																					2										1		3
Tahoma Salt Marsh																					2	6								1		9	
Titlow Daylight																																	0
Tool Maintenance	2						1																2						3			7.5	
Visscher Rain Garden																							2										2
Yowkwala																																	0
Work with other crew																																	0
Total Hours	10	10	0	0	0	0	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	170	

Days schedule off for crew: Labor Day

Furlough Day: Luis off

Middle Waterway  
City of Tacoma *City*

Middle Waterway +  
City of Tacoma *City*

Middle Waterway City  
City of Tacoma

Middle Waterway  
City of Tacoma *City*

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 625648  
Date: 09/08/10  
Time In: 17:02  
Time Out: 17:09  
Turnaround: 7  
Operator: TG  
Site: LF

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 625538  
Date: 09/08/10  
Time In: 14:37  
Time Out: 14:50  
Turnaround: 13  
Operator: TG  
Site: LF

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 620726  
Date: 08/30/10  
Time In: 16:57  
Time Out: 17:07  
Turnaround: 10  
Operator: BH  
Site: LF

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 620621  
Date: 08/30/10  
Time In: 14:49  
Time Out: 15:02  
Turnaround: 13  
Operator: BH  
Site: LF

Gr: 7260 Tr: 7100 NET: 160  
Gr:1 Tr: 2  
15 - City Com SW

Gr: 6820 Tr: 6640 NET: 180  
Gr:1 Tr: 2  
15 - City Com SW

Gr: 7060 Tr: 7000 NET: 60  
Gr:1 Tr: 2  
15 - City Com SW

Gr: 7280 Tr: 7200 NET: 80  
Gr:1 Tr: 2  
15 - City Com SW

TIP FEE: 13.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$13.00  
TENDERED: 13.00

TIP FEE: 13.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$13.00  
TENDERED: 13.00

TIP FEE: 10.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$10.00  
TENDERED: 10.00

TIP FEE: 10.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$10.00  
TENDERED: 10.00

Payment:  
1 - Charge \$13.00

Payment:  
1 - Charge \$13.00

Payment:  
1 - Charge \$10.00

Payment:  
1 - Charge \$10.00

NOTE:

NOTE:

NOTE:

NOTE:

Signature: \_\_\_\_\_ 13

Signature: \_\_\_\_\_ 13-

Signature: \_\_\_\_\_ 10-

Signature: \_\_\_\_\_ 10

Middle Waterway City

City of Tacoma

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 626171  
Date: 09/09/10  
Time In: 16:45  
Time Out: 16:57  
Turnaround: 12  
Operator: BH  
Site: LF

Gr: 6780 Tr: 6660 NET: 120  
Gr:1 Tr: 2  
15 - City Com SW

TIP FEE: 13.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$13.00  
TENDERED: 13.00

Payment:  
1 - Charge \$13.00

NOTE:

13-

Middle Waterway City

City of Tacoma

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 625868  
Date: 09/09/10  
Time In: 11:43  
Time Out: 11:54  
Turnaround: 11  
Operator: TG  
Site: LF

Gr: 6780 Tr: 6660 NET: 120  
Gr:1 Tr: 2  
15 - City Com SW

TIP FEE: 13.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$13.00  
TENDERED: 13.00

Payment:  
1 - Charge \$13.00

NOTE:

Signature: \_\_\_\_\_

13-

Middle Waterway City

City of Tacoma

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 625789  
Date: 09/09/10  
Time In: 10:22  
Time Out: 10:30  
Turnaround: 8  
Operator: TG  
Site: LF

Gr: 6940 Tr: 6840 NET: 100  
Gr:1 Tr: 2  
15 - City Com SW

TIP FEE: 10.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$10.00  
TENDERED: 10.00

Payment:  
1 - Charge \$10.00

NOTE:

Signature: \_\_\_\_\_

10-

82-1

**Middle Waterway-Simpson Tacoma Kraft Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$134.21	\$0.00	\$134.21
Site Maintenance (-xx-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$0.00	\$0.00	\$0.00
Adaptive Maintenance (-xx-03)	\$0.00	\$1,224.71	\$1,224.71
Grand Total	\$134.21	\$1,224.71	\$1,358.92

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$472.98	\$0.00	\$472.98
\$0.00	\$930.48	\$930.48
\$829.29	\$0.00	\$829.29
\$0.00	\$1,224.71	\$1,224.71
\$1,302.27	\$2,155.19	\$3,457.46

Layout /1SAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	57.50		ENV-00371-09-01
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	76.71		ENV-00371-09-01
08/02/2010	ENV-00371-09	5290000	Int-Mats from Proj	1,224.71		ENV-00371-09-03
*	ENV-00371-09			1,358.92		
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			134.21		
07/29/2010	ENV-00371-09-03	5210500	Landscape Equ & Sup	1,224.71		
*	ENV-00371-09-03			1,224.71		
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	57.50		ENV-00371-10-01
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	76.71		ENV-00371-10-01
*	ENV-00371-10			134.21		
08/12/2010	ENV-00371-10-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-10-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			134.21		
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	115.00		ENV-00371-12-01
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	76.71		ENV-00371-12-01
*	ENV-00371-12			191.71		
08/11/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			191.71		
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	86.25		ENV-00371-13-01
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	102.28		ENV-00371-13-01
*	ENV-00371-13			188.53		
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
*	ENV-00371-13-01			188.53		
09/01/2010	ENV-00371-20	5390000	Int-Srvcs from Proj	4,421.64		ENV-00371-30-01
*	ENV-00371-20			4,421.64		
08/05/2010	ENV-00371-30-01	5310100	Professional Servs	4,421.64		
*	ENV-00371-30-01			4,421.64		
**				27,707.00		

Layout /1SAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	57.50		ENV-00371-09-01
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	76.71		ENV-00371-09-01
08/02/2010	ENV-00371-09	5290000	Int-Mats from Proj	1,224.71		ENV-00371-09-03
*	ENV-00371-09			1,358.92		
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			134.21		
07/29/2010	ENV-00371-09-03	5210500	Landscape Equ & Sup	1,224.71		
*	ENV-00371-09-03			1,224.71		
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	57.50		ENV-00371-10-01
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	76.71		ENV-00371-10-01
*	ENV-00371-10			134.21		
08/12/2010	ENV-00371-10-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-10-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			134.21		
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	115.00		ENV-00371-12-01
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	76.71		ENV-00371-12-01
*	ENV-00371-12			191.71		
08/11/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			191.71		
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	86.25		ENV-00371-13-01
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	102.28		ENV-00371-13-01
*	ENV-00371-13			188.53		
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
*	ENV-00371-13-01			188.53		
09/01/2010	ENV-00371-20	5390000	Int-Srvcs from Proj	4,421.64		ENV-00371-30-01
*	ENV-00371-20			4,421.64		
08/05/2010	ENV-00371-30-01	5310100	Professional Servs	4,421.64		
*	ENV-00371-30-01			4,421.64		
**				27,707.00		

Wabash  
Farms

Wabash Farms

PO Box 291  
31218 SE 408th  
Enumclaw, WA 98022

114761

# Invoice

DATE 4/15/2010 INVOICE # 1262

**BILL TO**

City of Tacoma Public Works  
2201 Portland Ave.  
Tacoma, WA 98421

**SHIP TO**

Desiree Pooley

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
	Net 30		4/15/2010			
QUANTITY	ITEM CODE	DESCRIPTION			PRICE EACH	AMOUNT
		STELLAR TOOLS AREA (711 11TH ST. TACOMA) (Ordered by Citizens for a Healthy Bay)				
995	EIMo10ci	10ci tube Elymus mollis / dunegrass			0.90	895.50
150	GrIng10ci	10ci tube Grindelia integrifolia / Puget Sound gumweed			0.90	135.00
100	ScMa10ci	10ci tube Scirpus maritimus / seacoast bulrush			0.90	90.00
		Subtotal				1,120.50
		Sales Tax			9.30%	104.21

Okay to Pay 7/27/10  
Approver: Desiree Pooley  
PO45-258542

ENV-00371-09-03

**Total**

\$1,224.71

MIGD 5000381308 7/29

**Olympic View / OVRA Triangle Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$134.21	\$0.00	\$134.21
Site Maintenance (-xx-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$0.00	\$0.00	\$0.00
Adaptive Maintenance (-xx-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$134.21	\$0.00	\$134.21

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$530.48	\$0.00	\$530.48
\$0.00	\$101.04	\$101.04
\$2,144.32	\$0.00	\$2,144.32
\$102.28	\$0.00	\$102.28
\$2,777.08	\$101.04	\$2,878.12

Layout /1SAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	57.50		ENV-00371-09-01
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	76.71		ENV-00371-09-01
08/02/2010	ENV-00371-09	5290000	Int-Mats from Proj	1,224.71		ENV-00371-09-03
*	ENV-00371-09			1,358.92		
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			134.21		
07/29/2010	ENV-00371-09-03	5210500	Landscape Equ & Sup	1,224.71		
*	ENV-00371-09-03			1,224.71		
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	57.50		ENV-00371-10-01
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	76.71		ENV-00371-10-01
*	ENV-00371-10			134.21		
08/12/2010	ENV-00371-10-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-10-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			134.21		
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	115.00		ENV-00371-12-01
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	76.71		ENV-00371-12-01
*	ENV-00371-12			191.71		
08/11/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			191.71		
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	86.25		ENV-00371-13-01
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	102.28		ENV-00371-13-01
*	ENV-00371-13			188.53		
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
*	ENV-00371-13-01			188.53		
09/01/2010	ENV-00371-20	5390000	Int-Srvcs from Proj	4,421.64		ENV-00371-30-01
*	ENV-00371-20			4,421.64		
08/05/2010	ENV-00371-30-01	5310100	Professional Servs	4,421.64		
*	ENV-00371-30-01			4,421.64		
**				27,707.00		

Tahoma Salt Marsh Summary - ENV-00371 - Environmental Stewardship Project (ESP)

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$191.71	\$0.00	\$191.71
Site Maintenance (-xx-02)	\$0.00	\$10.00	\$10.00
WCC Crew (\$48.08/hr)	\$432.72	\$0.00	\$432.72
Adaptive Maintenance (-xx-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$624.43	\$10.00	\$634.43

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$501.73	\$0.00	\$501.73
\$0.00	\$10.00	\$10.00
\$2,415.93	\$0.00	\$2,415.93
\$0.00	\$72.14	\$72.14
\$2,917.66	\$82.14	\$2,999.80

Layout /1SAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	57.50		ENV-00371-09-01
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	76.71		ENV-00371-09-01
08/02/2010	ENV-00371-09	5290000	Int-Mats from Proj	1,224.71		ENV-00371-09-03
*	ENV-00371-09			1,358.92		
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			134.21		
07/29/2010	ENV-00371-09-03	5210500	Landscape Equ & Sup	1,224.71		
*	ENV-00371-09-03			1,224.71		
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	57.50		ENV-00371-10-01
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	76.71		ENV-00371-10-01
*	ENV-00371-10			134.21		
08/12/2010	ENV-00371-10-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-10-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			134.21		
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	115.00		ENV-00371-12-01
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	76.71		ENV-00371-12-01
*	ENV-00371-12			191.71		
08/11/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			191.71		
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	86.25		ENV-00371-13-01
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	102.28		ENV-00371-13-01
*	ENV-00371-13			188.53		
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
*	ENV-00371-13-01			188.53		
09/01/2010	ENV-00371-20	5390000	Int-Srvcs from Proj	4,421.64		ENV-00371-30-01
*	ENV-00371-20			4,421.64		
08/05/2010	ENV-00371-30-01	5310100	Professional Servs	4,421.64		
*	ENV-00371-30-01			4,421.64		
**				27,707.00		

**Tacoma Hours**

Month: September Year:2010

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
56th Ave																																0	
48th St Bioswale																																	0
Celebration Park																														1		1	
Service Projects																							4									4	
City Projects								4															2				5	5				16	
Ecology Hours																10												10				20	
Esplanade																														1		1	
Head of Thea Foss																														1		1	
Hylebos																					1											1	
Interviews																													2			2	
Johnny's Dock																																	0
Jordan-Hylebos																					3										1		4
Landfill Buffer																														1		1	
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City								4	5																					1		10	
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch							9	6													2												17
North Beach																														1		1	
Olympic View																																	0
Paperwork/Safety Meeting									1																		5						6
PCD Water Quality																						2	3										4.5
Puyallup River Side Channel	8	10																												1		19	
Thea Foss log/fence																																	0
Skookum Wuldge																																	0
Squally																																	0
Surface/Storm Water													10	10	10							10											40
Swan Creek																						2									1		3
Tahoma Salt Marsh																					2	6								1		9	
Titlow Daylight																																	0
Tool Maintenance	2						1																2						3			7.5	
Visscher Rain Garden																							2										2
Yowkwala																																	0
Work with other crew																																	0
Total Hours	10	10	0	0	0	0	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	170	

Days schedule off for crew: Labor Day

Furlough Day:Luis off

# Tahoma Salt Marsh

City of Tacoma

Customer: SCI100  
Card: 101699  
Truck: 101699  
Ticket #: 633030  
Date: 09/23/10  
Time In: 17:17  
Time Out: 17:24  
Turnaround: 7  
Operator: BH  
Site: LF

Gr: 7000 Tr: 6980 NET: 20  
Gr:1 Tr: 2  
15 - City Com SW

TIP FEE: 10.00  
SPEC FEE: 0.00  
UTILITY TAX: 0.00  
ADJ: 0.00  
TOTAL FEE: \$10.00  
TENDERED: 10.00

Payment:  
1 - Charge \$10.00

NOTE:

Signature: \_\_\_\_\_

10-

#10-

**Swan Creek Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-xx-01)	\$188.53	\$0.00	\$188.53
Site Maintenance (-xx-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$144.24	\$0.00	\$144.24
Adaptive Maintenance (-xx-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$332.77	\$0.00	\$332.77

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$630.85	\$0.00	\$630.85
\$51.14	\$1,182.33	\$1,233.47
\$12,865.80	\$0.00	\$12,865.80
\$255.70	\$2,310.60	\$2,566.30
\$13,803.49	\$3,492.93	\$17,296.42

Layout /1SAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	57.50		ENV-00371-09-01
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	76.71		ENV-00371-09-01
08/02/2010	ENV-00371-09	5290000	Int-Mats from Proj	1,224.71		ENV-00371-09-03
*	ENV-00371-09			1,358.92		
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			134.21		
07/29/2010	ENV-00371-09-03	5210500	Landscape Equ & Sup	1,224.71		
*	ENV-00371-09-03			1,224.71		
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	57.50		ENV-00371-10-01
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	76.71		ENV-00371-10-01
*	ENV-00371-10			134.21		
08/12/2010	ENV-00371-10-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-10-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			134.21		
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	115.00		ENV-00371-12-01
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	76.71		ENV-00371-12-01
*	ENV-00371-12			191.71		
08/11/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			191.71		
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	86.25		ENV-00371-13-01
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	102.28		ENV-00371-13-01
*	ENV-00371-13			188.53		
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
*	ENV-00371-13-01			188.53		
09/01/2010	ENV-00371-20	5390000	Int-Srvcs from Proj	4,421.64		ENV-00371-30-01
*	ENV-00371-20			4,421.64		
08/05/2010	ENV-00371-30-01	5310100	Professional Servs	4,421.64		
*	ENV-00371-30-01			4,421.64		
**				27,707.00		

**Tacoma Hours**

Month: September Year:2010

Project Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
56th Ave																																0	
48th St Bioswale																																	0
Celebration Park																														1		1	
Service Projects																							4									4	
City Projects									4														2				5		5			16	
Ecology Hours																10												10				20	
Esplanade																														1		1	
Head of Thea Foss																														1		1	
Hylebos																						1										1	
Interviews																														2		2	
Johnny's Dock																																	0
Jordan-Hylebos																						3									1		4
Landfill Buffer																															1		1
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City								4	5																						1		10
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch							9	6														2											17
North Beach																															1		1
Olympic View																																	0
Paperwork/Safety Meeting									1																		5						6
PCD Water Quality																							2	3									4.5
Puyallup River Side Channel		8	10																												1		19
Thea Foss log/fence																																	0
Skookum Wuldge																																	0
Squally																																	0
Surface/Storm Water													10	10	10							10											40
Swan Creek																						2									1		3
Tahoma Salt Marsh																						2	6								1		9
Titlow Daylight																																	0
Tool Maintenance		2					1																2						3				7.5
Visscher Rain Garden																							2										2
Yowkwala																																	0
Work with other crew																																	0
Total Hours	10	10	0	0	0	0	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	170	

Days schedule off for crew: Labor Day

Furlough Day: Luis off

**General Maintenance and Monitoring Summary - ENV-00371 - Environmental Stewardship Project (ESP)**

07/01/10 through 09/30/10

Project Task	Personnel Service	Supplies & Service	Grand Total
General Maintenance and Monitoring (-30)	\$0.00	\$4,421.64	\$4,421.64

Life to 09/30/10

Personnel Service	Supplies & Service	Grand Total
\$1,416.96	\$5,211.65	\$6,628.61

Layout /1SAP City's standard layout - DO NOT CHANGE  
 Object WBS ENV-00371 Environmental Stewardship Proj  
 Cost Element 5190000 To 5390000 Int-Labor from Proj...  
 Posting Date 07/01/2010 To 09/30/2010

Doc. Date	Object	Cost Elem.	Cost elem.name	Val.in RC	Empl./appl.name	Partner object
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	57.50		ENV-00371-09-01
09/01/2010	ENV-00371-09	5190000	Int-Labor from Proj	76.71		ENV-00371-09-01
08/02/2010	ENV-00371-09	5290000	Int-Mats from Proj	1,224.71		ENV-00371-09-03
*	ENV-00371-09			1,358.92		
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/10/2010	ENV-00371-09-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			134.21		
07/29/2010	ENV-00371-09-03	5210500	Landscape Equ & Sup	1,224.71		
*	ENV-00371-09-03			1,224.71		
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	57.50		ENV-00371-10-01
09/01/2010	ENV-00371-10	5190000	Int-Labor from Proj	76.71		ENV-00371-10-01
*	ENV-00371-10			134.21		
08/12/2010	ENV-00371-10-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-10-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			134.21		
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	115.00		ENV-00371-12-01
09/01/2010	ENV-00371-12	5190000	Int-Labor from Proj	76.71		ENV-00371-12-01
*	ENV-00371-12			191.71		
08/11/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	57.50	Mary L Henley	521600/P20830
08/12/2010	ENV-00371-12-01	5195000	Act-Labor Regular	76.71	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			191.71		
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	86.25		ENV-00371-13-01
09/01/2010	ENV-00371-13	5190000	Int-Labor from Proj	102.28		ENV-00371-13-01
*	ENV-00371-13			188.53		
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	86.25	Mary L Henley	521600/P20830
08/11/2010	ENV-00371-13-01	5195000	Act-Labor Regular	102.28	Desiree K Pooley	521600/P20930
*	ENV-00371-13-01			188.53		
09/01/2010	ENV-00371-20	5390000	Int-Srvcs from Proj	4,421.64		ENV-00371-30-01
*	ENV-00371-20			4,421.64		
08/05/2010	ENV-00371-30-01	5310100	Professional Servs	4,421.64		
*	ENV-00371-30-01			4,421.64		
**				27,707.00		

CHB



CITIZENS FOR A HEALTHY BAY

108491

Date: July 15, 2010

Invoice: 001-2010

To: City of Tacoma  
Mary Henley  
326 East D Street  
Tacoma, WA 98421

✓ 8/13/10

Contact: Jeanine Riss (253) 383-2429

RE: City of Tacoma Environmental Stewardship Project Community Assistance Program

For the periods of: April 1, 2010 through June 30, 2010

\*Include receipts, staff hours/timesheet and mileage log.

\*\*Direct Costs category to include: mileage, restroom facility rental, disposal expense and event supplies (including food for volunteers).

ereby request payment for the following services on the dates noted:

**Direct Labor:**

**Task 1: Development of an Annual Work Plan**

Direct Labor:	Date	Hours	Rate	Amount Billed
Employee: Jeanine Riss Met with City to discuss/revise work plan.	4/6/10	2	22.75	\$45.50
Employee: Bill Anderson Coordinate on work plan	4/6/10	1	39.00	\$39.00
<b>Sub-Contractor Services:</b>				
<b>Labor Subtotal:</b>	—	—	—	\$84.50
<b>Task 1 Total</b>	—	—	—	\$84.50

**Task 2: Event Management and Coordination**

Direct Labor:	Date	Hours	Rate	Amount Billed
Employee: Jeanine Riss Meet WCC-discuss Earth Day planting	4/7/10	.50	22.75	\$11.37

Earth Day prep	4/15/10	3	22.75	\$68.25
Earth Day prep	4/16/10	5	22.75	\$113.75
Earth Day event	4/17/10	8	22.75	\$182.00
Meet WCC-supplies for Middle Wtwy	4/22/10	.5	22.75	\$11.37
Swan Crk invasive removal	5/1/10	8	22.75	\$182.00
Steward training	6/4/10	2	22.75	\$45.50
Tahoma Salt Marsh invasive removal	6/5/10	8	22.75	\$182.00
Yowkwala invasive removal	6/19/10	8	22.75	\$182.00

Employee: Bill Anderson  
 Work Earth Day event at Middle Wtry. 4/17/10 2 39.00 \$78.00

**Sub-Contractor Services:**

EarthCorps: 4/17/10 1288.37 \$1288.37  
 Restoration services/volunteer management

**Labor Subtotal:** \_\_\_\_\_ \$2344.61

**Task 2 Total** \_\_\_\_\_ **\$2344.61**

**Task 3: Volunteer Recruitment & Education**

<b>Direct Labor:</b>	<b>Date</b>	<b>Hours</b>	<b>Rate</b>	<b>Amount Billed</b>
Employee: Jeanine Riss				
Educ. Booth at Proctor Market-steward/ recruitment	4/10/10	4	22.75	\$91.00
PLU Volunteer Fair-steward/vol. recruitment	4/12/10	4	22.75	\$91.00
New steward training	5/6/10	1	22.75	\$22.75

Employee:

**Sub-Contractor Services:**

**Labor Subtotal:** \_\_\_\_\_ \$204.75

**Task 3 Total** \_\_\_\_\_ **\$204.75**

**Task 4: Bi-monthly Site Monitoring Events**

<b>Direct Labor:</b>	<b>Date</b>	<b>Hours</b>	<b>Rate</b>	<b>Amount Billed</b>
Employee: Jeanine Riss				
New steward training	4/27/10	2.5	22.75	\$56.87
Swan Crk site monitoring	4/28/10	1	22.75	\$22.75
Olympic View site monitoring	4/30/10	1	22.75	\$22.75
Squally Beach, steward training/site monitoring	6/11/10	2	22.75	\$45.50

Employee:

**Sub-Contractor Services:**

Friends of the Hylebos:

Hillary Kleeb

Lower Hylebos/Jordan site monitoring	6/16/10	1	35.00	\$35.00
--------------------------------------	---------	---	-------	---------

Lili Allala

Lower Hylebos/Jordan site monitoring	6/16/10	1	35.00	\$35.00
--------------------------------------	---------	---	-------	---------

<b>Labor Subtotal:</b>	_____	_____	_____	\$217.87
------------------------	-------	-------	-------	----------

<b>Task 4 Total</b>	_____	_____	_____	\$217.87
---------------------	-------	-------	-------	----------

**Task 5: Community Assistance Program Coordination & Reporting**

<b>Direct Labor:</b>	Date	Hours	Rate	Amount Billed
----------------------	------	-------	------	---------------

Employee: Jeanine Riss

Prepare monthly report	5/7/10	1.5	22.75	\$34.12
------------------------	--------	-----	-------	---------

Prepare monthly report	6/4/10	1.5	22.75	\$ 34.12
------------------------	--------	-----	-------	----------

ESP Meeting	6/8/10	1.5	22.75	\$34.12
-------------	--------	-----	-------	---------

Prepare monthly report	6/29/10	1	22.75	\$22.75
------------------------	---------	---	-------	---------

**Sub-Contractor Services:**

Friend of the Hylebos:

Lili Allala

ESP Meeting	6/8/10	1.5	35.00	\$52.50
-------------	--------	-----	-------	---------

Meeting w/CHB to coordinate reporting procedures	6/10/10	1.5	35.00	\$52.50
---	---------	-----	-------	---------

Prepare monthly report	6/24/10	2	35.00	\$70.00
------------------------	---------	---	-------	---------

<b>Labor Subtotal:</b>	_____	_____	_____	\$300.11
------------------------	-------	-------	-------	----------

<b>Task 5 Total</b>	_____	_____	_____	\$300.11
---------------------	-------	-------	-------	----------

**Task 6: General Maintenance Work**

<b>Direct Labor:</b>	Date	Hours	Rate	Amount Billed
----------------------	------	-------	------	---------------

Employee:

**Sub-Contractor Services:**

<b>Labor Subtotal:</b>	_____	_____	_____	_____
------------------------	-------	-------	-------	-------

<b>Task 6 Total</b>	_____	_____	_____	_____
---------------------	-------	-------	-------	-------

**Direct Costs:**

<b>Restroom facility rental:</b>	Date	Vendor	Rate	Amount billed
----------------------------------	------	--------	------	---------------

Earth Day at Middle Waterway	4/16/10	Honey Bucket	275.00	\$275.00
------------------------------	---------	--------------	--------	----------

Swan Creek	4/30/10	Honey Bucket	115.00	\$115.00
------------	---------	--------------	--------	----------

Tahoma Salt Marsh	6/4/10	Honey Bucket	115.00	\$115.00
-------------------	--------	--------------	--------	----------

<b>Restroom rental Sub-total:</b>				<u>\$505.00</u>
-----------------------------------	--	--	--	-----------------

**Disposal expenses:**

**Event Supplies:**

Food for Earth Day/Middle Wtwy	4/13/10	Costco	152.70	\$152.70
Food for Earth Day/Middle Wtwy	4/17/10	Infinite Soups	382.55	\$382.55
Fencing supplies for Middle Wtwy	4/16/10	Lowe's	55.94	\$55.94
Food for Earth Day/Middle Wtwy	4/16/10	Costco	28.96	\$28.96
Food/Tahoma Salt Marsh	6/4/10	Costco	32.77	\$32.77
Ice/Tahoma Salt Marsh	6/5/10	7 Eleven	3.38	<u>\$3.38</u>
<b>Event Supplies Sub-total:</b>				<b>\$656.30</b>

**Mileage:**

	Total Miles	Rate	Amount billed
Jeanine Riss	176	\$0.50	\$88.00
Hillary Kleeb	25	\$0.50	\$12.50
Lili Allala	<u>16</u>	\$0.50	<u>\$8.00</u>
<b>Mileage Sub-total:</b>	217		<b>\$108.50</b>

**Direct Cost Sub-total:**

**\$1269.80**

**Invoice Total**

**\$4421.64**

As Per Contract #: PW09-0809F

**Total Contract Amount:**

**\$84,925.24**

**Currant Balance:**

**\$84,925.24**

Okay to Pay 7/18/10

**Amount Due:**

**\$4421.64**

Approver: [Signature]

**Total Remaining Balance:**

**\$80,503.60**

P045-258936

I hereby certify that this bill is correct and just and that payment has not been received. I further certify that all services under this contract have been performed.

By: Jeanine Riss

Date signed: 7/18/10

Title: Restoration Program Manager & Volunteer Coordinator

Organization Name: Citizens for a Healthy Bay

SS No.or Federal Tax ID No.: 91-1515969

Telephone Number: 253-383-2429

Please remit to:

Citizens for a Healthy Bay  
917 Pacific Ave. Suite 100  
Tacoma, WA 98402

S1000172784  
D5000382246 >8/5