



ENVIRONMENTAL STEWARDSHIP PROJECT

YEAR 3 ANNUAL REPORT

OCTOBER 25, 2011



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, 2010 and September 30, 2011. 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 currently 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 3 inspections took place at this site on October 24, 2010, December 23, 2010, February 9, 2011, April 23, 2011, June 16, 2011, and August 10, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 1 in Attachment 1) and are available for review upon request.

Trash and invasive species removal are the primary concerns at this site. Invasive species present at the site include pepperweed, Himalayan blackberry, butterfly bush, Scott's broom, and pampas grass. Poison oak is continuing to spread into open areas, and is encroaching on the social trail. Gumweed, pickleweed, fleshy jaumea, orache and dune grass are volunteering at the site and the small back marsh area is doing notably well with good plant diversity. Some additional plantings have been made behind the marsh at the end of the social trail, and the shore pine and Oregon grape in this area are doing well. Other species doing well at the site include snowberry, Douglas fir and rose. Continuing evidence of beach bonfires and associated party trash were noted and cleaned up. This is a long-standing, recurring problem at this site.

This site is owned by the Puyallup Tribe of Indians. On November 1, 2010, the license for the City to enter tribally owned properties to perform stewardship duties was executed. Previously, authorization for site access was provided on a case-by-case basis.

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

- October 2 – CHB conducted a volunteer invasive removal event;
- October 9 – CHB conducted a volunteer planting event;
- January 22 – CHB conducted a volunteer shoreline cleanup event that included the Yowkwala, Skookum Wulge and Squally Beach sites;
- February 23 – WCC completed a garbage sweep of site and removed two party structures;
- April 23 – CHB conducted an Earth Day volunteer invasive and trash removal event;
- May 12 – WCC removed invasives from the planted area and did a pepperweed sweep;
- June 28 – WCC completed an invasive and garbage sweep;
- July 23 – CHB conducted a volunteer shoreline cleanup event that included the Yowkwala, Skookum Wulge and Squally Beach sites;
- August 11 – WCC tore down the party structure, removed pepperweed and did a garbage sweep;

- September 14 – WCC performed an invasive sweep of the planting nodes, and began a pepperweed sweep; and
- September 21 – WCC completed the pepperweed sweep.

Project work scheduled to be completed before the end of 2011 consists of a CHB planting event on November 12 in the trail area. Work proposed for this site in the coming year includes:

- Ongoing invasive species removal with focus on noxious weeds and other priority species (Himalayan blackberry, butterfly bush, pampas grass, and pepperweed) as directed by the Trustees;
- Ongoing trash removal;
- Cutting the exposed rebar left from barge removal to below grade at a lower tide; and
- Evaluation of the need/cost of mass invasive species removal and planting in the affected area with native species.

The complete 2012 Proposed Task List is included 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 4-5 foot elevation difference between the planted area and the upper beach due to continued erosion. The majority of the work on this site will take place in the riparian planting area, although some marsh development is also planned. 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 3 inspections took place at this site on October 19, 2010, December 15, 2010, February 9, 2011, April 29, 2011, June 16, 2011, and August 10, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 2 in Attachment 1) and are available for review upon request.

Invasive removal and new, native plantings are the primary activities which are needed at this site. Invasive species present at the site include Himalayan blackberry, ivy, morning glory, white sweet clover, pepperweed and Japanese Knotweed. The knotweed was injected in August 2010 and again in September 2011. Some big leaf maple, cottonwood, alder, salt grass and gumweed are volunteering/present at the site. Both coastal strawberry and bog rush is

doing notably well in the central portion of the site. Erosion of the shoreline continues, although minor amounts of herbaceous species are establishing on the eroded face. As the central upland area continues to erode, the plants near the edge are salvaged and relocated to other areas of the site.

A large part of the stewardship efforts at this site during Year 3 relate to the ongoing efforts to remove invasives and establish native vegetation on the riparian slopes. The north slope and central area were completed previously and are being maintained as plants continue to establish. Additional planting may be needed on the north slope. In the southern area slope, the ivy and other invasives have been removed and jute mat has been placed on the slope to help prevent erosion. The planting of the area is scheduled to occur in mid-October. In addition, a small back marsh area was identified below the south slope following removal of the ivy and will be planted in mid-October with salt grass, dune grass, tufted hairgrass and gumweed.

This site is owned by the Puyallup Tribe of Indians. On November 1, 2010, the license for the City to enter tribally owned properties to perform stewardship duties was executed. Previously, authorization for site access was provided on a case-by-case basis.

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

- October 14 – CHB conducted a volunteer invasive removal event;
- October 30 – CHB conducted a volunteer planting event on the south uplands;
- November 8 –WCC spread mulch on the recently planted area;
- November 17 –WCC grubbed blackberry from the site;
- January 13 and 24 –WCC grubbed invasives on the hillside and pulled mulch away from the new plants;
- February 23 –WCC salvaged plants from the eroding edge and replanted them farther back on the site. The remaining silt fence was also removed;
- April 5 –WCC performed an invasive and trash sweep;
- May 16 –WCC performed an invasive and trash sweep;
- May 21 – CHB conducted an invasive removal event;
- May 25 –WCC picked up debris removed during the volunteer event and hauled it to the landfill;
- June 1 –WCC performed a trash sweep;
- June 8, 9, 22 and 30 –WCC continued work on ivy removal;
- June 27 – CHB conducted a volunteer invasive removal event;
- June 30 –WCC performed ivy removal and debris disposal;
- July 23 – CHB conducted a volunteer shoreline cleanup event that included the Yowkwala, Skookum Wulge and Squally Beach sites;
- July 14 –WCC continued work on ivy removal and placed jute mat on the slope;
- August 3 –WCC opened up the connection to the marsh below the south slope and did a pepperweed sweep;
- August 15 –WCC continued the pepperweed sweep at the site;
- August 30 –WCC continued jute mat placement and the pepperweed sweep, and performed a trash sweep;
- August 31 –WCC injected knotweed;
- September 14 –WCC performed an invasive sweep;
- September 21 –WCC completed the invasive sweep; and

- September 28 –WCC performed spot spraying of the English ivy and Himalayan blackberry.

Project work scheduled to be completed before the end of 2011 consists of a CHB planting event on October 15 on the south uplands and in the south marsh area. Work proposed for this site in the coming year includes:

- Ongoing invasive species removal with focus on noxious weeds and other priority species (Himalayan blackberry, ivy, knotweed and pepperweed) as directed by the Trustees;
- Evaluate for and propose if needed additional plants to achieve sufficient coverage and survivability,
- Monitor on-going erosion and salvage plants as needed, and
- Ongoing trash removal.

The complete 2012 Proposed Task List is included in Attachment 3.

2.3 Squally Beach

The Squally Beach site is located on the northeast shore of Commencement Bay just north of the 11th 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 takes 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 3 inspections took place at this site on October 20, 2010, December 15, 2010, February 9, 2011, April 29, 2011, June 16, 2011 and August 10, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 3 in Attachment 1) and are available for review upon request.

The site appears to be generally well-established with native vegetation including willow, roses, fleshy jaumea, pickleweed, dune grass, and Lyngby's sedge noted as doing well. There are some invasive species present as well. The two issues of primary concern at this site continue to be related to these invasive species. The first is the knotweed that is present in the area at the northwest end 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; however this will

be very difficult due to the extensive presence on the adjacent property. The knotweed was not injected in 2010 due to permitting and access issues; but it was sprayed and injected in September 2011. Unless knotweed eradication is addressed as part of a large effort along Marine View Drive, this species will continue to be a problem at this site as well as a threat to other sites located in this vicinity. The second issue is the noted presence of *Spartina angelica*. Its presence was first identified on the site in October 2009, and the Department of Agriculture was notified. This was the first identified presence of this species in Commencement Bay. A Department of Agriculture crew specializing in the control of this invasive species continues to monitor the site and remove any plants that are identified per their plan/discretion.

This site is owned by the Puyallup Tribe of Indians. On November 1, 2010, the license for the City to enter tribally owned properties to perform stewardship duties was executed. Previously, authorization for site access was provided on a case-by-case basis.

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

- November 3 –WCC performed removal of invasives;
- November 4 – CHB conducted a volunteer invasive removal and planting event, which the WCC also participated in;
- November 8 –WCC completed planting in the marsh area;
- January 24 through 26 –WCC performed blackberry grubbing and a trash sweep and took 3 CY of debris to the dump;
- February 23 –WCC did a trash sweep;
- March 14 –WCC harvested willow stakes for placement at another site;
- April 5 –WCC performed an invasive sweep;
- May 16 –WCC did a pepperweed and trash sweep;
- June 27 – CHB conducted a volunteer invasive removal event;
- June 28 –WCC performed a trash and invasive sweep;
- July 23 – CHB conducted a volunteer shoreline cleanup event that included the Yowkwala, Skookum Wulge and Squally Beach sites;
- August 15 –WCC performed a pepperweed sweep;
- August 31 –WCC performed knotweed injection; and
- September 6 –WCC performed knotweed injection and spraying.

Fencing was initially installed on the site during construction to protect the young plants from the smothering effects of large woody debris. It was modified in Year 2 to remove the fencing material but the posts were left in place temporarily to provide some barrier. The site was monitored through the winter months of Year 3 and there was no significant accumulation of large woody debris within the site negatively impacting the marsh plants. Therefore, removal of all of the posts is a proposed activity for 2012.

There is no scheduled project work to be completed at this site before the end of 2011. Work proposed for this site in the coming year includes:

- Ongoing invasive species removal with focus on noxious weeds and other priority species (Himalayan blackberry, knotweed, pepperweed and *Spartina*) as directed by the Trustees;
- Ongoing trash removal;
- Injecting the knotweed population to the west of the site to control encroachment onto the site as well as on site;

- Cutting and removing the exposed fish netting to the extent that it will not damage plants during removal; and
- Cutting the remaining fence bollards to 6" below the mudline.

The complete 2012 Proposed Task List is included 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). Work on this site takes place in both the riparian and the marsh areas. Access to the site is from the southeast corner 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. On October 6, 2010, the license for the City to enter this Port property to perform stewardship duties was executed. Previously, authorization for site access was provided on a case-by-case basis.

Year 3 inspections took place at this site on October 29, 2010, December 15, 2010, February 9, 2011, April 29, 2011, June 16, 2011, and August 10 and 11, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 4 in Attachment 1) and are available for review upon request.

The site appears generally healthy with some plant stress in the riparian area noted during summer dry weather. It was generally observed that shrubs tend to do better at this site than trees. Some marsh species are starting to establish on the island areas in significant amounts, species noted include brass buttons, salt grass and pickleweed. Several species of plants noted as doing well in the riparian area include lupine, roses, willows, spruce, shore pine, Douglas fir, big leaf maple, Lyngby's sedge, salt grass and tufted hairgrass. There are also some invasive plant species present, most notably Himalayan blackberry, pepperweed, tansy, reed canary grass and phragmites. The goose exclusion fencing has all been removed, and no increase in predation was noted. Overall, the site is in good condition.

Bi-monthly monitoring data are summarized in the Site Record (see Table 4 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 18 –WCC moved 15 CY of mulch to the site in preparation for the volunteer planting event;
- November 20 – CHB conducted a volunteer invasive removal and planting event;
- November 30 –WCC dug and removed phragmites;
- March 17 and 23 –WCC performed invasive and trash removal and cut back some of the exposed fish netting;
- June 23 –WCC performed a trash and invasive sweep; and
- July 9 – CHB conducted a volunteer invasive removal event.

There is no scheduled project work to be completed at this site before the end of 2011. Work proposed for this site in the coming year includes:

- Ongoing invasive species removal with focus on noxious weeds and other priority species (Himalayan blackberry, pepperweed and phragmites) as directed by the Trustees;
- Ongoing trash removal; and
- Cutting and removing the exposed fish netting to the extent that it will not damage plants during removal.

The complete 2012 Proposed Task List is included 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 4th 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 is 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 4th Street East or 8th Street East at the northwest or southeast sides of the site, respectively.

Development of this site was completed by the Trustees in 2005. Formerly, the non-profit group Friends of the Hylebos (FOH) performed stewardship, monitoring and maintenance activities at this site under an agreement with the Trustees. 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. The City and CHB are working cooperatively to ensure that the efforts of each entity are complementary.

Year 3 inspections took place at this site on October 27, 2010, December 14, 2010, February 2, 2011, April 29, 2011, June 9, 2011, and August 11, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 5 in Attachment 1) and are available for review upon request.

Overall the site appears to be in excellent condition. Invasive species are the primary concern at this site, with species including Himalayan blackberry, reed canary grass, knotweed, yellow flag iris and purple loosestrife being of the most concern. Big leaf maple and madrone were identified as volunteering at the site. Alder continue to thrive at the site and a removal/thinning action was performed in August 2010. The extent and methods used in the removal/thinning action (performed by Restoration Logistics, under subcontract to FOH, who is under subcontract to CHB) were brought into question by the Trustees. Subsequently, the Trustees reached a resolution with EarthCorps representatives (negotiating on behalf of FOH) to replant 46 plants in the affected areas to remedy the issue. This planting is scheduled to occur in late fall 2011. There continue to be some human impacts at this site, including knocked over/cut trees, small structure/fort building, and a fire pit.

Bi-monthly monitoring data are summarized in the Site Record (see Table 5 in Attachment 1). The following activities were completed at the site during the reporting period:

- October 7, 12, 13, 14, 21, 25 and 26 –WCC worked on removal of alder slash from the site, chipped the debris, and cut the stumps to ground level*;
- November 1 –WCC continued chipping and cutting stumps*;
- November 3 –WCC removed a locust tree from the site;
- January 3, 4 and 5 –WCC cut alder stumps to ground level*;
- February 8 and 10 –WCC performed invasive and trash removal;
- March 23 –WCC performed invasive and trash removal;
- April 6 –WCC performed an invasive sweep along the water's edge;
- May 17 –WCC performed an invasive sweep with particular attention to yellow flag iris;
- May 25 –WCC grubbed invasives;
- June 28 and 29 –WCC performed invasive removal;
- July 14 –WCC performed an invasive sweep;
- July 27 –WCC completed the invasive sweep;
- August 22 –WCC performed an invasive and trash sweep;
- August 31 –WCC injected knotweed;
- September 1 –WCC continued knotweed injections;
- September 6 –WCC sprayed knotweed; and
- September 10 – CHB conducted a volunteer invasive removal event to remove Himalayan blackberry and purple loosestrife.

(* Note that these activities are associated with the alder thinning actions and therefore not charged against the ESP account.)

Project work scheduled to be completed before the end of 2011 consists of a CHB planting event on November 5 on the east side of the trail toward the 4th St. entrance. Work proposed for this site in the coming year includes:

- Ongoing invasive species removal with focus on noxious weeds and other priority species (Himalayan blackberry, reed canary grass and purple loosestrife) as directed by the Trustees; and
- Ongoing trash removal.

The complete 2012 Proposed Task List is included 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 11th 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. Work at this site is performed in both the marsh and riparian areas. Access to this site is off of F Street or 11th 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 after 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 3 inspections took place at this site on October 28, 2010, December 20, 2010, February 2, 2011, April 29, 2011, June 17, 2011, and August 9, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 6 in Attachment 1) and are available for review upon request.

Overall, the site is in very good condition. Invasive species removal is the primary concern at this site as it is generally well established. Invasive species of note at the site include white sweet clover, Himalayan blackberry, reed canary grass and morning glory. Fleshy jaumea is becoming well established in the marsh area, and pickleweed and saltgrass are continuing to spread at the site as well. Gumweed, Oregon ash, willows, rose and Garry oak were noted as volunteering. The site appears healthy with little maintenance needed.

Bi-monthly monitoring data are summarized in the Site Record (see Table 6 in Attachment 1). The following activities were completed at the site during the reporting period:

- October 4 –WCC grubbed invasives;
- October 23 – CHB conducted a volunteer planting event;
- November 2 –WCC finished planting emergent plants;
- November 17 –WCC planted additional natives and removed invasives;
- December 8 –WCC performed invasive removal and a garbage sweep;
- January 24 –WCC planted six salvaged shore pines;
- February 2 –WCC brushcut reed canary grass along 11th St and sheet mulched plantings;
- February 23 –WCC performed a trash sweep;
- March 21 and 24 –WCC performed invasive removal and a garbage sweep;
- May 3 –WCC performed an invasive sweep;
- May 10 –WCC brushcut reed canary grass;
- May 26 –WCC performed a trash sweep;
- May 31 –WCC performed an invasive sweep;
- June 27 –WCC brushcut around the native plants;

- July 12 –WCC brushcut reed canary grass;
- August 13 – CHB conducted a volunteer invasive removal event; and
- August 16 –WCC brushcut reed canary grass, performed a peavine sweep, and watered new plantings.

There is no scheduled project work to be completed at this site before the end of 2011. Work proposed for this site in the coming year includes:

- Ongoing invasive species removal with focus on noxious weeds and other priority species (Himalayan blackberry, butterfly bush and reed canary grass) as directed by the Trustees; and
- Ongoing trash removal.

The complete 2012 Proposed Task List is included in Attachment 3.

2.7 Middle Waterway, Simpson

The Middle Waterway, Simpson site is located at the head of the Middle Waterway near 11th 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). Work at the site takes place both on the beach and in the riparian /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 3 inspections took place at this site on October 28, 2010, December 20, 2010, February 2, 2011, April 29, 2011, June 20, 2011, and August 9, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 7 in Attachment 1) and are available for review upon request.

Overall, the site is in very good condition with some heat stress noted as a result of the dry summer weather. Invasive species removal is the primary concern at this site. Invasive species of primary concern at the site include Himalayan blackberry and knapweed. Quite a bit of pickleweed along with smaller amounts of fleshy jaumea and carex were found to be volunteering, and some predation of the shrubs was noted. Plantings in the marsh that were done during Year 3 are doing well with good survival noted. It was determined that the goose exclusion fencing was no longer needed and could be removed.

Bi-monthly monitoring data are summarized in the Site Record (see Table 7 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 13 – CHB conducted a volunteer invasive removal, trash removal, and planting event at the site;
- February 3 –WCC completed an invasive and garbage sweep;
- April 7 –WCC performed a garbage sweep;
- May 3 –WCC performed an invasive sweep;
- June 2 –WCC performed an invasive sweep; and
- September 7 –WCC removed the goose exclusion nodes.

There is no scheduled project work to be completed at this site before the end of 2011. Work proposed for this site in the coming year includes:

- Ongoing invasive species removal with focus on noxious weeds and other priority species (Himalayan blackberry) as directed by the Trustees; and
- Ongoing trash removal.

The complete 2012 Proposed Task List is included 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 riparian areas, restored beach, and tidelands. 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 takes place on the upper beach/riparian area. Access to this site is 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 (OVT) was completed by DNR, including removal of contaminated soils and excavation to create a salt marsh bench. 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 continued to maintain the site after 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 currently has ongoing responsibility for monitoring and maintenance of its portion of the site, and the City is working with DNR and the Trustees to coordinate those efforts as well.

Year 3 inspections took place at this site on October 25, 2010, December 28, 2010, February 2, 2011, April 29, 2011, June 17, 2011, and August 9, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 8 in Attachment 1) and are available for review upon request.

Overall, the site is in good condition with minor drought stress due to recent dry summer weather 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, Himalayan blackberry, and tansy. Salt marsh species continue to establish slowly. Species identified in the marsh include scirpus, salt grass, pickleweed, orache and potentilla.

The other key issue at this site is the movement of materials on the bayward face of the site. Erosion of the outer slope of the berm has been noted along with a push of the beach materials across the face of the marsh opening. On March 8, City staff met onsite with DNR, and Ecology's Coastal Geologist to discuss the gravel push and erosion. It was determined at the meeting that the observations were consistent with the expectations for the site that were discussed during design. The City will continue to observe and note these changes, but physical modification to the site does not appear warranted.

Bi-monthly monitoring data are summarized in the Site Record (see Table 8 in Attachment 1). The following activities were completed at the site during the reporting period:

- November 15, 16, 18, 22 and 29 –WCC removed invasive species;
- December 4 – CHB conducted a volunteer invasive and debris removal event;
- February 2 –WCC removed invasives;
- March 8 – City staff met with DNR and Ecology representatives on site to discuss the need for adaptive management for erosion and gravel push areas;
- March 14 and 24 –WCC removed invasive species;
- May 2 –WCC removed invasive species and garbage;
- May 31 –WCC removed invasive species;
- June 21 –WCC performed an invasive sweep;
- July 25 –WCC performed an invasive and garbage sweep;
- August 15 –WCC performed an invasive sweep; and
- September 6 –WCC performed a pepperweed and garbage sweep.

There is no scheduled project work to be completed at this site before the end of 2011. Work proposed for this site in the coming year includes:

- Ongoing invasive species with focus on noxious weeds and other priority species (Himalayan blackberry and pepperweed) as directed by the Trustees;
- Ongoing trash removal; and
- Monitoring of sedimentation/erosion in the salt marsh and overall site beach shift.

The complete 2012 Proposed Task List is included 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 berms (see figure in Attachment 1). The majority of the work at this site occurs 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 continued to maintain the site after those five years lapsed in 2009. 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 3 inspections took place at this site on October 27, 2010, December 18, 2010, February 2, 2011, April 9, 2011, June 16, 2011, and August 9, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 9 in Attachment 1) and are available for review upon request.

Overall, the site is in excellent condition with only minor heat stress due to recent dry summer weather noted. The salt marsh continues to fill in with vegetation, with salt grass showing the most dominance. Many new salt grass and pickleweed volunteers were noted in the marsh area where none were before. Fleshy jaumea was also found volunteering in the marsh, and cottonwood in the riparian area. A salt marsh planting event was performed in April near the mouth of the site, and overall the survival rate was fairly good. Invasive species removal is a primary concern at this site. Invasive species present include Himalayan blackberry, thistle, reed canary grass, pepperweed, morning glory, and tansy ragwort. The grasses in the riparian area are doing quite well, but continue to require periodic, although less frequent removal from around the shrubs and trees. This need will continue to lessen as the canopy shade increases.

Bi-monthly monitoring data are summarized in the Site Record (see Table 9 in Attachment 1). The following activities were completed at the site during the reporting period:

- January 13 –WCC removed grasses from around the plants in preparation for mulching;
- January 17 – CHB hosted an MLK Day project with volunteers placing mulch in rings around the native trees and shrubs;
- February 10 and 24 –WCC tightened the cables on the LWD and did a garbage sweep;
- March 14 –WCC performed an invasive and garbage sweep;
- April 9 – CHB conducted a volunteer invasive removal and native planting event;
- May 2 –WCC performed a garbage sweep;
- May 25 –WCC performed a pepperweed sweep;
- June 9 –WCC performed an invasive sweep;
- July 25 –WCC performed an invasive sweep;
- August 11 –WCC removed the fire pits that had been found during inspection and performed a pepperweed sweep;
- August 25 –WCC removed dead alder trees;
- August 30 –WCC performed a garbage sweep; and
- September 21 –WCC grubbed blackberry and performed a pepperweed sweep.

There is no scheduled project work to be completed at this site before the end of 2011. Work proposed for this site in the coming year includes:

- Ongoing invasive species with focus on noxious weeds and other priority species (Himalayan blackberry and pepperweed) as directed by the Trustees; and
- Ongoing trash removal.

The complete 2012 Proposed Task List is included 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 takes 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 after 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 3 inspections took place at this site on October 29, 2010, December 15, 2010, February 9, 2011, April 29, 2011, June 9, 2011, and August 11, 2011. 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 3 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 3 inspections are summarized in the Site Record (Table 10 in Attachment 1) and are available for review upon request.

Invasive species and native plant establishment continue to be the primary concerns at this site. Prevalent invasive species present at the site include Himalayan blackberry, ivy, policeman's helmet, reed canary grass, Scott's broom and knotweed. Hop vine was also observed at the north end of the site during the August inspection. Some areas are showing minor plant stress due to the recent dry summer weather. New shrubs were planted in an area at the south end and on the island. These new plantings are generally doing well. The Little Red Smoke Shack (Puyallup tribal ownership) near the south end of the site was demolished during Year 2, and the debris is still piled partially on site. It is anticipated that this site will again be developed. Utility work is currently underway. The chain and bollard barrier was also damaged during demolition and the chain and/or rope has been stolen multiple times. The Puyallup Tribe was notified of the debris issue, and the City will continue to work with them to remove this material and restore the site.

Bi-monthly monitoring data are summarized in the Site Record (see Table 10 in Attachment 1). The following activities were completed at the site during the reporting period:

- October 4 and 6 –WCC performed invasive removal;
- November 9 –WCC performed invasive removal;
- December 2, 7, 9 and 13 –WCC grubbed invasives;
- January 24 and 25 –WCC planted 8 salvaged Douglas fir trees on the island and grubbed blackberry along the roadside;
- February 2, 9, 10 and 15 –WCC performed invasive and trash removal and sheet mulching of plants;
- March 16, 22 and 23 –WCC removed ivy at the north end of the site and did an overall invasive and trash sweep;
- April 5 –WCC grubbed blackberry along the roadside at the north end;
- April 11 –WCC performed an invasive sweep;
- May 5 and 9 –WCC removed nightshade and policeman’s helmet from the island;
- May 7 – CHB conducted a volunteer invasive removal event;
- May 12 –WCC strung rope around the parking area of the former Little Red Smoke Shack to temporarily replace the damaged fence;
- May 18 –WCC brushcut reed canary grass at the south end and watered the native plants on the island;
- June 1 –WCC performed invasive removal focused on ivy, nightshade and yellow flag iris;
- June 6 –WCC watered plants on the island;
- June 21 –WCC performed invasive removal with a focus on hemlock, nightshade and policeman’s helmet;
- July 13 –WCC grubbed invasives at the north end of the site;
- July 26 –WCC performed an invasive sweep with a focus on nightshade and policeman’s helmet;
- July 28 –WCC performed a water based invasive sweep pulling nightshade, yellow flag iris seed pods and policemen's helmet;
- August 11 –WCC performed an invasive and garbage sweep and hauled material to the landfill;
- August 22 and 23 –WCC performed an invasive sweep at the south end and a water based sweep for nightshade and yellow flag iris pods;
- August 25 –WCC removed a downed tree from the area of the informational sign;
- August 31 –WCC grubbed blackberry at the north end of the site;
- September 1 and 7 –WCC continued blackberry grubbing at the north end;
- September 6 –WCC sprayed and injected knotweed; and
- September 8 –WCC grubbed blackberry on the island.

There is no scheduled project work to be completed at this site before the end of 2011. Work proposed for this site in the coming year includes:

- Ongoing invasive species with focus on noxious weeds and other priority species (Himalayan blackberry, Scott’s broom, reed canary grass, policeman’s helmet, poison hemlock and knotweed) as directed by the Trustees; and
- Ongoing trash removal.

The complete 2012 Proposed Task List is included in Attachment 3.

3.0 Volunteer Involvement

See below for a summary of approximate WCC, CHB, EarthCorps and volunteers hours worked at the stewardship sites during the fourth quarter of Year 3.

Site	WCC (hours)	CHB (hours)	EarthCorps (days)	Volunteer (hours)
Yowkwala	6	8	--	34
Skookum Wulge	17	7	--	33
Squally Beach	3	7	--	33
Mowitch	--	14	--	45
Jordan/Lower Hylebos Marsh	12	15	1	30
Middle Waterway – City	13	10	--	14
Middle Waterway – Simpson	6	0	--	--
Olympic View	9	0	--	--
Tahoma Salt Marsh	11	0	--	--
Swan Creek	66	0	--	--

CHB continued work on recruiting and involving volunteers in site activities as well as providing environmental education to the community. Volunteers were recruited at various events and through CHB's and other volunteer websites. Volunteer participation events were conducted at Mowitch, the Yowkwala, Skookum Wulge and Squally Beach shorelines, Middle Waterway-City and Jordan/Lower Hylebos Marsh sites, and were fairly well attended with 4 to 25 volunteers present at each event in addition to the CHB staff members. Nine volunteers worked at the Mowitch site on July 9, and performed invasive removal and mulching; 25 volunteers participated in the shoreline cleanup event at the Yowkwala, Skookum Wulge and Squally Beach sites on July 23 removing trash and other debris; four volunteers worked at the Middle Waterway-City site on August 13 and performed invasive removal; and 6 volunteers worked at the Jordan/Lower Hylebos Marsh site on September 10, and performed invasive removal. An EarthCorps crew worked at the Jordan/Lower Hylebos Marsh event along with the volunteers and CHB staff members. Volunteer events are generally scheduled at the sites approximately once a month throughout the year.

Education booths were provided at Milton Days and the Maritime Fest. In addition, a new steward recruitment meeting was held along with a site tour for stewards.

4.0 Financial Summary

Financial information documenting the City's costs for each task performed from July 1, 2011 through September 30, 2011 (Year 3, Quarter 4) is provided in Attachment 4. Financial information for Year 3, Quarters 1, 2 and 3 has been provided in previous quarterly reports. The work performed at each site is summarized in Section 2.0. As documented in Attachment 4 and previous quarterly reports, the City incurred the following costs between October 1, 2010 and September 30, 2011:

Task 1	Project Management	\$2,308.09
Task 2	Reporting and Documentation	\$5,704.69
Task 3	Site Monitoring	\$2,922.91
Task 4	Site Maintenance	\$32,339.34*
Task 5	Adaptive Management	\$7,554.10

	General Maintenance and Monitoring	\$28,689.30
Total		\$79,518.43

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

In accordance with this summary, the City hereby requests disbursement from the escrow account in the amount of \$79,518.43 for work completed under the Settlement Agreement between October 1, 2010 and September 30, 2011. Following this disbursement, \$124,255.23 will remain in the escrow account for future stewardship activities at these sites.

5.0 Proposed Modifications to Environmental Stewardship Plan Scope of Work

In September 2011, the City requested a site visit with NOAA project managers to go over the current scope of work under the ESP and to evaluate the need for potential modifications to the approach to site stewardship based on the documented site conditions over the past three years. Three years have passed since the execution of the Settlement Agreement, and just over half of the money originally placed in the Escrow Account has been expended. The City's intent in requesting the site visit was to ensure that implementation of the Scope of Work and the rate of fund expenditure was reasonable and consistent with the Trustees needs/expectations.

City and NOAA representatives toured the sites on September 27, and the majority of the ESP sites were visited. All of the sites where the City is currently providing stewardship are established, well-diversified, and essentially in "maintenance mode". The following topics were discussed during this site visit:

- Evaluating of the need for bi-monthly monitoring. Because of the consistent history of many of the sites over the last three years, the opportunity to decrease the frequency was discussed.
- Allowing the existing native plants on well-established sites to grow and spread naturally versus supplemental planting events was discussed;
- Focusing invasive species removal on identified noxious weeds and targeted species on each site; and
- Adding 3 Trustee NRDA stewardship sites as the required maintenance and monitoring is completed.

Based upon the discussion at the meeting, the City recommends the following modifications to the ESP Scope of Work:

- Reduce the frequency of monitoring from bi-monthly to quarterly (February, May, August, November). The February and August inspections would still include photo documentation and be performed by City representatives. The May and November inspections would be performed by CHB/volunteer site stewards;
- 2012 CHB Work Plan will be developed to include primarily invasive species and debris removal events rather than planting events. Planting events will take place on a limited basis only as directed by the Trustees;
- Specific targeted invasive species will be established for each site to focus work efforts on the most problematic species. Recommendations for targeted species on each site are identified on the 2012 Proposed Task List in Attachment 3; and

- Add the Sha Dadx and Hauff sites to the ESP Project site list, and also expand the stewardship activities to be performed at the OVRA Triangle site after DNR's required stewardship obligations are completed (anticipated January 2012).

Pending Trustee approval, the City will begin implementation of these recommendations.

Attachment 1

Tables and Figures

Table 1
ESP Site Record

ESP Site Record: Yowkwala						
Observational Categories	8/6/09	10/8/09	12/3/09	2/9/10	4/22/10	6/24/10
Human Impacts	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	No recent activity noted; slight amount of trash	Very little trash noted since volunteer event recently occurred
Erosion	none noted	none noted	none noted	none noted	None noted	Minor erosion at hillside
Weeds	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	Previous invasives still noted; thistle added	Previous invasives still noted
Fencing	n/a	n/a	n/a	n/a	n/a	n/a
Plantings	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)	Blackberry regrowth was noted in the planted area; plants small but alive	Generally good survival from spring/fall plantings, but some did not survive
Flora	Beach plants having most success		gumweed, dune grass, black raspberry noted at N. end of site	Poison oak limits volunteer opportunities	Plants look good; starting to flower and leaf out	Some patches of pickleweed in marsh area
Fauna	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	Little wildlife activity was noted	Crows, bluebird, crane, seagulls, other avian species
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken	Not taken
	* Limited access due to unsigned access agreement.					

Table 1
ESP Site Record

ESP Site Record: Yowkwala						
Observational Categories	8/31/10	10/24/10	12/23/10	2/9/2011 (City)	4/23/2011 (CHB)	6/16/2011 (CHB)
Human Impacts	Approximately five firepit areas were found along the shoreline, very close to the vegetation and driftwood. Significant trash was also identified in these areas.	No new impacts noted	Small amount of trash in the riparian area. Styrofoam pellets and trash present in the tide line.	Two teenage boys were onsite with tools to maintain path. Told them it was a preserved site and requested that they not be onsite, particularly cutting things.	Trash was present in the backshore/marsh area	Two people were onsite in middle backshore area - warned to beware of poison oak. Minor trash was present.
Erosion	A minor amount of erosion was noted in the transition between the beach and upland area at the east end of the site	None noted	Same as before	Minor erosion near the marina end, as before. Slides on the hillside northwest of the path.	None noted	None noted
Weeds	Previous invasives still present Poison oak should also be noted.	Blackberry noted	Blackberry noted	No new invasive species noted	Some blackberry regrowth, curled dock and scott's broom present at the site entrance. Other species present include butterfly bush and thistle.	Invasive species present include pepperweed, white sweet clover, curled dock and blackberry near the site entrance, pepperweed on the adjacent Tyee Marina property, and Scot's broom and blackberry in the backshore area and up the hillside. Pepperweed also present around the trail and middle backshore area.
Fencing	n/a	n/a	New goose exclusion fencing is intact	Looks good	No change noted	A couple of the sections of goose exclusion fencing are leaning.
Plantings	Generally appears good	Appear to be surviving	Some root exposure in the marsh area, but generally look good	95% survival estimated. No pickleweed noted. Dune grass plugs showing green.	Riparian plantings are doing very well. Dune grass has estimated 50% survival, and status of pickleweed was uncertain at the time of the inspection.	Most of the plants installed in fall 2010 are surviving but are being overgrown by tall grass.
Flora	Some jaumea noted in the marsh area along with the pickleweed	Generally healthy	Generally good. Some possible stress in madrone.	Generally good, with no stress, disease, or damage identified	Overall appears healthy. The Oregon grape, snowberry, shore pine, Douglas fir and rose were all doing notably well.	No concerns were noted. Poison oak is spreading into open areas.
Fauna	Seals, small avian species, shells, dog	None noted	Little wildlife activity present during the inspection	Crows, ducks, seagulls, and other small avian species	None noted	Geese, seals and great blue heron
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken	Not taken

Table 2
ESP Site Record

ESP Site Record: Skookum Wulge					
Observational Categories	8/6/09	10/8/09	12/3/09	2/9/10	4/27/10
Human Impacts	Minor trash	none noted	none noted	none noted	Minimal trash; car bumper in marsh area; old wood dock on beach
Erosion	Point continues to erode due to wave action	same	same	Point has eroded significantly since the last visit	Embankment erosion is continuing
Weeds	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	Blackberry and vetch
Fencing	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	Silt fence can be removed; not connected in some sections
Plantings	Planned for October 2009	Planned for November 7	Half of site planted November 7 with mulch - plants look good, survival high	Still looks good	Minimal plant mortality from fall 2009 planting
Flora	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.	Generally healthy; bluebells, quince, red flowering currant, and dune grass volunteering; sword ferns showing some stress
Fauna	Avian species noted	Avian species	Ducks, gull	crow, gull	None noted
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken
	* Limited access due to unsigned access agreement.				

Table 2
ESP Site Record

ESP Site Record: Skookum Wulge					
Observational Categories	6/25/10	8/31/10	10/19/10	12/15/10	2/9/2011 (City)
Human Impacts	Minimal trash; old wood dock remains on beach	Minimal trash associated with the tide	Minor trash in ivy	Trash in tide line	Minor trash
Erosion	Embankment continues to erode	Embankment continues to erode	Same as before	Same as before	Erosion is continuing, and more plants should be salvaged from the top of bank
Weeds	Same plus curled dock, white sweet clover, and wild pea	Same, with blackberry and pepperweed noted	Scott's broom, blackberry, ivy, wild pea, and a small patch of knotweed noted	None noted	Same as before
Fencing	Silt fence can be removed; continuing to fall down in places	Chain and bollards in good condition. Silt fence still requires removal	No changes noted	No changes noted	No changes noted
Plantings	Some Oregon grape from fall 09 planting not doing well	Recent plantings doing well with approximately 90% survival	Approximately 85% survival	Most appear to be doing well. Movement of mulch on site has covered up some low-growing plants.	Approximately 95% survival estimated
Flora	Generally healthy; volunteer big leaf maple, soft stem rush, and fireweed	Lots of big leaf maple volunteers in the north area	Generally doing well, with some possible white mold/fungus on the young maples	Most doing well, although some Oregon grape may be struggling	Generally good - winter dormancy
Fauna	Immature eagle offshore	Dead sea lion and dead baby seal	None identified	Canada geese and small avian species	Saeagull, duck, and cormorant
Photo-documentation	Not taken	Taken	Not taken	Not taken	Taken

Table 2
ESP Site Record

ESP Site Record: Skookum Wulge			
Observational Categories	4/29/2011 (CHB)	6/16/2011 (CHB)	8/10/2011 (City)
Human Impacts	Minor trash in tide line	None noted	Minor trash in tide line
Erosion	No change noted	No change noted	Erosion appears to be continuing at a decreased rate
Weeds	Ivy is present in the south uplands, and knotweed is coming back. Some blackberry and dock are present as well.	St. John's wort, vetch, blackberry, and knotweed noted.	The knotweed is to be treated in late August, some with injection and some with spray. Blackberry and ivy are resprouting at the south end, and some pepperweed starts were noted in the north marsh area.
Fencing	No change noted	No change noted	One bollard was leaning but remainder in good condition
Plantings	Coastal strawberry and trailing blackberry have broken through the mulch and appear to be doing very well. Others seem healthy as well.	All recent plantings are doing well. The coastal strawberry in particular is showing good coverage.	In preparation for planting, jute mat has been placed on the south end slope where the ivy was removed. A small beach area will also be cut to allow the tide to move into a small depression behind the logs. The north hillside vegetation is not establishing particularly well.
Flora	Overall the vegetation appears healthy, and some maples were volunteering.	Overall the vegetation is doing well. Rushes have become established in the north uplands and are overgrowing other planted species. Fireweed is also established. Volunteer maple and alder are also present.	Some minor amounts of herbaceous species are establishing on the eroded face. Volunteer alder, cottonwood, and big leaf maple were noted. Some drought related stress was noted.
Fauna	Killdeer family in north uplands	None noted	Great blue heron, seagull, crabs, and small avian species
Photo-documentation	Not taken	Not taken	Taken

Table 3
ESP Site Record

ESP Site Record: Squally Beach					
Observational Categories	8/6/09	10/8/09	12/3/09	2/9/10	4/27/10
Human Impacts	Clearing from sign to marsh opening	Dumped oyster shells	Adjacent site cleared of blackberry	none noted	Minimal trash
Erosion	Minor - not significant	minor	minor	Minor at fence line	None noted
Weeds	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.	Lots of blackberry and dandelion regrowth on berm knotweed, broadleaf plantain, and some vetch
Fencing	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	Fencing still down and needs repair or removal
Plantings	none noted	Plants previously cut near the ed sign - coming back with vigor	none noted	no recent plantings	No recent plantings
Flora	All species doing well	same	same	same	Generally healthy, as before
Fauna	Avian species noted	none noted	gulls, crow	gull	Canada geese scat
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken
	* Limited access due to unsigned access agreement.				

Table 3
ESP Site Record

ESP Site Record: Squally Beach					
Observational Categories	6/11 and 6/25/10	8/31/10	10/20/10	12/15/10	2/9/2011 (City)
Human Impacts	Foot bridge laid across west marsh; a large amount of cardboard fruit boxes with rotting fruit present; other minor trash	Minimal trash	Minor trash	Minor trash	Minor trash
Erosion	None noted	None of significance	None noted	Minor near the berm.	Minor, near the mouth
Weeds	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.	Blackberry and knotweed noted. Cordgrass being removed by crew from the Dept of Agriculture.	Blackberry, knotweed, reed canary grass and curled dock noted.	Three spartina (cordgrass) starts pulled in the area of previous removal
Fencing	Fencing still needs repair or removal	Fence has been removed and posts remain.	Not applicable	Not applicable	Not applicable
Plantings	No recent plantings	No recent plantings	No recent plantings	Generally good with some animal damage noted	Generally good, with a couple of deschampsia plugs exposed
Flora	Generally healthy with some drought stress and some animal damage	All generally healthy. Approximately 60% of roses show evidence of mossy rose gall wasp.	Generally healthy	Generally healthy. Grasses noted in high marsh area.	No stress, disease or damage noted
Fauna	Crabs, bird feathers, seashells	Small avian species.	None identified	Small avian species, mussels	None identified
Photo-documentation	Not taken	Taken	Not taken	Not taken	Taken

Table 3
ESP Site Record

ESP Site Record: Squally Beach			
Observational Categories	4/29/2011 (CHB)	6/16/2011 (CHB)	8/10/2011 (City)
Human Impacts	Minor trash	Minor trash	None noted
Erosion	None noted	None noted	A small amount was present on the shoreline of the site
Weeds	Knotweed is growing in the planted area at the end of the west woods and has entered the woods. Some blackberry, vetch and wild pea are also present. A possible recurrence of Spartina was also identified.	The knotweed is continuing to spread and requires attention. Blackberry, vetch, wild pea, and white sweet clover were also observed. No cordgrass was seen due to extensive growth of saltgrass and pickleweed.	The knotweed needs to be sprayed/injected. White sweet clover was noted, especially on the islands, and needs to be pulled.
Fencing	Not applicable	Not applicable	Not applicable
Plantings	Plantings at the end of the west woods are doing well. Dune grass is coming in along the edge. Willow stakes are alive and starting to leaf.	New plants in the far corner of the west woods are being overgrown by knotweed. Willow stakes on the west island are doing well while those on the east island have not survived.	Some of the willows/roses on the islands are surviving
Flora	Overall vegetation appears healthy	Overall the vegetation is doing very well, and there are some roses and yarrow coming in on the islands. Lyngby sedge is very healthy.	Minimal drought stress was noted on the established vegetation. All species are doing well. Some rose gall was noted, but less than last year. There was no indication of cordgrass.
Fauna	None noted	None noted	small avian species, geese, bees, butterfly, dragonfly and gnats. Also some small trails were noted near mid-site and may be animal (deer) related.
Photo-documentation	Not taken	Not taken	Taken

Table 4
ESP Site Record

ESP Site Record: Mowitch					
Observational Categories	8/6/09	10/8/09	12/10/09	2/9/10	4/27/10
Human Impacts	None noted	None noted - minor trash	None noted	Minor	Minimal trash
Erosion	None noted	None noted	None noted	None noted	None noted
Weeds	Small areas of blackberry, phragmites, and pepperweed. Bird's foot trefoil	No new noted	No new noted	Tansy ragwort noted	Blackberry regrowth, thistle, reed canary grass, vetch, wild anise, and tansy noted in areas
Fencing	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	Fence in excellent shape
Plantings	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.	Several rose bushes and unidentified shrub with lichen on branches
Flora	Volunteer pickleweed noted	Jaumea, brass buttons	No new noted	No new noted	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
Fauna	Avian species noted	Ducks	Mallard ducks	Ducks, gulls	Canada geese and ducks
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken
	* Limited access due to unsigned access agreement.				

Table 4
ESP Site Record

ESP Site Record: Mowitch					
Observational Categories	6/25/10	8/25/10	10/29/10	12/15/10	2/9/2011 (City)
Human Impacts	Minor trash	Minor trash	Minor trash	Minor trash	Minor trash
Erosion	None noted	None noted	None noted	Minimal on the far bank	None noted
Weeds	Same, plus wild fennel, curled dock, and white sweet clover	Phragmites in the middle of the site and blackberry	Same as before. Some re-growth of phragmites noted.	Tansy ragwort, reed canary grass, and blackberry noted	Phragmites was recently removed
Fencing	No change	No change - gate still needs repair if necessary	No change noted	No change noted	No change noted
Plantings	Spring 09 plantings on benches do not appear to have survived; others doing well	No recent plantings	Generally good	Generally good with some animal damage noted	Generally good. Approximately 80% of new plants have been damaged by rabbits, with 20% of those taken to the ground. Most will likely survive. Some existing plants damaged as well.
Flora	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.	All generally healthy	Generally good with some volunteer grasses noted. Some yellowing of Douglas firs was identified.	Generally healthy with no disease or stress identified
Fauna	Evidence of geese nesting	Butterfly and wasp	Ducks	Seagull and ducks	Geese and killdeer
Photo-documentation	Not taken	Taken	Not taken	Not taken	Taken

Table 4
ESP Site Record

ESP Site Record: Mowitch			
Observational Categories	4/29/2011 (CHB)	6/16/2011 (CHB)	8/10 & 8/11/2011 (City)
Human Impacts	Minor trash	Minor trash	One piece of metal is present in a back channel
Erosion	None noted	None noted	None noted
Weeds	Blackberry, thistle, reed canary grass, tansy ragwort, fennel, dock, and one scott's broom noted. Some phragmites was also observed.	Pepperweed, wild fennel, vetch, thistle, curled dock, and blackberry noted, along with two small patches of phragmites	Phragmites is still present in at least three areas
Fencing	No change noted	No change noted	No change noted
Plantings	Most recent plants appear to be surviving, although some animal damage was observed	5 Douglas fir, 5 shore pine, 1 alder and some ninebark, snowberry and red flowering currant appear to have survived the grazing.	The shorepine are doing notably well
Flora	Overall, vegetation appears healthy. Generally, the shrubs seem to do better at this site than the trees. Lyngby sedge, salt grass, and tufted hairgrass were all doing notably well.	Overall the vegetation is doing well, with lupine, roses and daisies blooming. Willows, spruce, shore pine, Douglas fir, and maples are all doing well. Eight mature alders remain near the front of the site, and one young alder is present mid-site. There continues to be little vegetation present on the benches.	Some green is finally appearing in sizable amounts on the islands. Species present include brass buttons, salt grass and pickleweed. Some drought stress in the riparian area was noted.
Fauna	Rabbit, killdeer, geese, heron, mallards	Song birds	Ducks, swallow and killdeer
Photo-documentation	Not taken	Not taken	Taken

Table 5
ESP Site Record

ESP Site Record: Jordan				
Observational Categories	8/6/09	10/8/09	12/10/09	2/3/10
Human Impacts	Minor trash - recreational trail use	Small sign removed	none noted	none noted
Erosion	none noted	none noted	none noted	none noted
Weeds	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
Fencing	Platform structures intact	same	same	same
Plantings	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.
Flora	All species are doing well	same	same	lots of buds, indian plum leafing out
Fauna	Beaver evidence. Avian species noted	avian species, heron, otters (?)	chickadee, wren, ducks, dog	beaver
Photo-documentation	Taken	Not taken	Not taken	Taken

Table 5
ESP Site Record

ESP Site Record: Jordan				
Observational Categories	4/28/10	6/14/10	8/25/10	10/27/10
Human Impacts	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.	Same as before. Minor trash found at 8th Street entrance.
Erosion	None noted	None noted	No erosion noted. Sedimentation present at the upstream entrance.	No new noted
Weeds	Invasive species noted include scott's broom, reed canary grass, and blackberry	Same as before, plus field bindweed and common teasal	Blackberry and knotweed	Reed canary grass, blackberry, and scott's broom noted
Fencing	Damage to middle viewing platform	Same as before	Good	Good
Plantings	No recent plantings	No recent plantings	No recent plantings	No recent plantings
Flora	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	Generally healthy. Big leaf maple and possibly madrone volunteers were noted.
Fauna	Avian species, beaver evidence, ducks	None noted	Fish, frog, small fish in channels, and a new beaver dam (near PP2)	Insects, juvenile hawk, small avian species, and evidence of beaver and moles.
Photo-documentation	Not taken	Not taken	Taken	Not taken

Table 5
ESP Site Record

ESP Site Record: Jordan				
Observational Categories	12/14/10	2/2/2011 (City)	4/29/2011 (CHB)	6/9/2011 (CHB)
Human Impacts	No new impacts were noted	Ten fir trees cut along with some alder on the south hill used to make another structure. Also, minor trash associated with fishing areas. Small firepit found on trail up slope from photo point 1.	No new impacts were noted	No new impacts were noted
Erosion	None noted	Slide on east side of trail near south end continuing	None noted	None noted
Weeds	Same as before	Same as before	Same as before, plus herb Robert noted	Blackberry, reed canary grass, herb Robert, scott's broom, vetch, morning glory, tansy ragwort and purple loosestrife noted
Fencing	Same as before	Good - intact	No change noted	No change noted
Plantings	No recent plantings	No recent plantings	No recent plantings	No recent plantings
Flora	Generally good.	Generally healthy with no disease, stress or damage noted (except as noted above)	Overall the site appears healthy with many species noted as doing well. One large cottonwood was down on the west side near the trail.	Overall many species were noted as doing well. Some big leaf maple volunteers were identified. There were some signs of beaver damage on trees near the creek. A couple of Douglas fir had some brown needles, but the site appears generally quite healthy.
Fauna	None noted	Beaver, red-winged blackbird, dog, ducks, small avian species	None noted	Ducks in the creek
Photo-documentation	Not taken	Taken	Not taken	Not taken

Table 6
ESP Site Record

ESP Site Record: Middle Waterway, City					
Observational Categories	8/12/09	10/21/09	12/10/09	2/9/2010	4/28/10
Human Impacts	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	Minor trash; appears someone may have planted irises near the boat facility
Erosion	Non-significant	not noted	not noted	minor	Same as before
Weeds	Small areas of knapweed, blackberry, nightshade, pampas grass, butterfly bush, white sweet clover	no new noted	no new noted	More pampas grass noted	Reed canary grass, curled dock, thistle, blackberry, and St. John's wort noted
Fencing	Perimeter fencing intact	same	same	same	Same as before
Plantings	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	No recent plantings
Flora	Jaumea spreading	Volunteer birch, oak	same	no new noted	Plants appear generally healthy; lupine, vine maple, wild pea, salmonberry, willows, pickleweed, and saltgrass doing notably well; horsetails are volunteering and doing well
Fauna	Avian species noted	small avian species, bunny, gulls, crow	small avian species, ducks, geese	Bunny, dog, gulls	Rabbit and geese
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken

Table 6
ESP Site Record

ESP Site Record: Middle Waterway, City					
Observational Categories	6/26/10	8/10/10	10/28/10	12/20/10	2/2/2011 (City)
Human Impacts	Same as before	Minor trash	None noted	Minimal trash	Minor trash
Erosion	Same as before	None noted	Same as before	None noted	None noted
Weeds	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.	Reed canary grass, curled dock, thistle, blackberry, St. John's wort, black medic, and oxeye daisy noted	Only creeping buttercup noted	No new noted
Fencing	Same as before	Perimeter fencing intact	Same as before	Same as before	Same as before
Plantings	No recent plantings	Low survival due to lack of irrigation	Same as before	Generally healthy with only the Oregon grape showing some possible stress	Generally good, with some rabbit damage to big leaf maple and red flowering currant
Flora	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.	Generally good with some fall/winter die back noted	All generally doing well with only the Douglas fir showing some possible stress	Generally good with no disease or stress identified
Fauna	Dead rodent, monarch butterflies, and dragonfly	Great blue heron, crickets, and small avian species	Avian species	Ducks in the water adjacent to the site	Clams and seagulls
Photo-documentation	Not taken	Taken	Not taken	Not taken	Taken

Table 6
ESP Site Record

ESP Site Record: Middle Waterway, City			
Observational Categories	4/29/2011 (CHB)	6/17/2011 (CHB)	8/9/2011 (City)
Human Impacts	Minor trash	Minor trash	Some dumping of yard debris near the storm outfall was noted along with minor other trash
Erosion	None noted	None noted	An area of erosion was observed between the side riparian and the side marsh
Weeds	Most invasives present are in the side riparian near the power station and boat yard. Blackberry, dock, thistle, reed canary grass, vetch, and dandelions were noted.	Blackberry near road and in far corner between the boat yard and the power station. St. John's wort observed throughout the site. Small amount of curled dock and tansy observed. The white sweet clover is coming in in the mid-backshore area.	Blackberry, reed canary grass, thistle, white sweet clover and morning glory were noted.
Fencing	Same as before	No change noted	No change noted
Plantings	Plantings nearest the road are doing well, and those closer to the marsh are not as healthy looking. Two of the young shore pine are bent over and need to be staked.	All of the recent plantings in both the riparian area and in the backshore/marsh appear to be doing very well. Only two dead trees were noted.	Fifty percent survival in the side riparian area and 80% in the high marsh were estimated
Flora	All are doing generally well and are beginning to bud and flower. Some willow and rose volunteers were noted.	Overall site appears quite healthy. Several species in bloom, two volunteer Garry oak trees were noted, and the saltgrass, tufted hair grass, and pickleweed in the outer marsh were very thick. Plants in the far backshore are still somewhat more sparse.	Plants were dry with many showing drought stress. Fleshy jaumea is becoming well established and was noted in many more areas than before. Volunteer gumweed, Oregon ash and oak were observed in the riparian area and pickleweed and saltgrass were noted in the marsh. Maple leaves had been eaten. Rose was doing notably well.
Fauna	Rabbit, chestnut-backed chickadee, winter wren	Song birds	Seagulls, dog, bees, killdeer and a rabbit
Photo-documentation	Not taken	Not taken	Taken

Table 7
ESP Site Record

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

Table 7
ESP Site Record

ESP Site Record: Middle Waterway, Simpson				
Observational Categories	4/28/10	6/26/10	8/10/10	10/28/10
Human Impacts	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.	Minimal trash. Some cut logs present near the entrance to the site.
Erosion	Same as before	Same as before	None noted	Minor erosion at the base of the berm
Weeds	Same as before	Same as before, plus possible black medic	St. John's Wort, blackberry, and knapweed (purple, near 11th)	Possible black medic and some unknown rushes
Fencing	n/a	No perimeter fencing; goose exclusion fencing in good condition	Same as before	Same as before
Plantings	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	Some dunegrass partially exposed and pickleweed struggling a little
Flora	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.	Generally healthy with some spotting on madrone leaves noted. Some rose plants volunteering, along with oak tree, and goldenrod.
Fauna	Rabbit and goose scat	Rabbit, crows, monarch butterflies, and avian species	Rabbits, great blue heron, and small avian species	None identified
Photo-documentation	Not taken	Not taken	Taken	Not taken

Table 7
ESP Site Record

ESP Site Record: Middle Waterway, Simpson				
Observational Categories	12/20/10	2/2/2011 (City)	4/29/2011 (CHB)	6/20/2011 (CHB)
Human Impacts	Minimal trash. Some cut firewood remain on the upper beach near the south end of the site.	Minor trash and some firewood remaining at the south end	Minor trash and some firewood remains on site	Same as before
Erosion	Minor erosion at parts of the base of the berm	Same as before	No change noted	Minor erosion was noted at the base of parts of the berm as well as near the north beach
Weeds	Same as before	No new noted	Invasive species present include blackberry, reed canary grass, dock, and dandelions	St. John's wort, black medic, pea, vetch, blackberry and dandelion were noted
Fencing	Goose exclusion fencing remains in good condition	Same as before	Goose exclusion fencing can be removed as it is no longer necessary	Same as before
Plantings	Generally healthy, although some dune grass possibly showing stress	Generally healthy with 90% survival of dune grass estimated	Generally healthy with some Douglas fir possibly slightly stressed	Generally doing well with some animal damage to the shrubs noted. Some of the pickleweed within the goose exclusion fencing is not doing well.
Flora	Generally healthy throughout, although some madrone showing possible stress with spotting on the leaves	Pickleweed in GED looking good and filling out. No disease or stress noted. Minor rabbit damage to roses - approximately 25%.	The vegetation generally appears healthy throughout the site with no stress or animal damage noted	Overall, the site appears healthy throughout with only some minor stress noted. Several volunteer species are present, and several plants are either in bloom or have recently bloomed.
Fauna	Small avian species	Dog, raccoon footprint, small avian species, and seagull	None noted	Seagulls, bees, and a crow were noted
Photo-documentation	Not taken	Taken	Not taken	Not taken

Table 8
ESP Site Record

ESP Site Record: Olympic View, City/DNR					
Observational Categories	8/13/09	10/21/09	12/10/09	2/3/10	4/30/10
Human Impacts	none noted	Bricks uncovered by tidal push of gravels	none noted	none new noted	Minor trash
Erosion	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	Minor erosion; sign has been moved
Weeds	Heavy population of invasives along perimeter goose exclusion	same	Pepperweed, poison hemlock, mustard, blackberry, nightshade removal	St. John's wort	Same as before, plus tansy ragwort
Fencing	Good condition	same	same	same	Minor repair needed on south fence; goose exclusion in good condition
Plantings	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	Same as before; limited growth in salt marsh area
Flora	Rose doing well	Some heat stress noted. Fungal disease/aphids (?) noted	all riparian doing well	Bunny predation on snowberry	Generally in good condition; only very minor damage/predation noted
Fauna	Avian species noted. Rabbits and fish also noted	bunny	ducks, gulls, small avian species	bunny, duck, gulls	Nesting geese plus gulls, heron
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken

Table 8
ESP Site Record

ESP Site Record: Olympic View, City/DNR					
Observational Categories	6/26/10	8/11/10	10/25/10	12/28/10	2/2/2011 (City)
Human Impacts	Minor trash	Minor trash	Minor trash and exposed netting	Minor trash	None noted
Erosion	Minor erosion	No erosion noted. Still push of gravels at mouth.	Minimal erosion in the riparian area noted	Some erosion noted in the triangle where some willows were washed away	Push of gravel at mouth/entrance has extended all the way across and there is approximately 2-3 inches of standing water behind. Some erosion at mouth and at photo point 6 and on bayward edge of rip rap slope.
Weeds	Same as before plus possible knotweed	St. John's wort, pepperweed tansy, blackberry, thistle and dock noted	Same as before plus wild fennel	Same as before	No new noted
Fencing	Same as before	All in good condition	Back south part of fence needs minor repair	Same as before	Same as before
Plantings	Generally same as before, although majority of recently planted maples are showing stress	Low survival for upland plants near the gate	50-60% survival near the gate with lowest survival in the northeast corner. Approximately 90% survival of the willows in the triangle.	OVRA - Approximately 40% of recent plantings appear stressed, with lowest survival in the northeast corner. OVRA T - Approximately 70% survival of willow in the triangle with some lost to erosion.	No recent plantings
Flora	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.	Generally healthy with minimal vegetation present in the marsh	Generally in good condition	Generally healthy with no disease or stress noted, and only minor rabbit damage
Fauna	Geese, nesting gulls	Caspian terns, crow, geese and gulls	Seagulls	Seagull	Red-winged blackbird, geese, and seagulls
Photo-documentation	Not taken	Taken	Not taken	Not taken	Taken

Table 8
ESP Site Record

ESP Site Record: Olympic View, City/DNR			
Observational Categories	4/29/2011 (CHB)	6/17/2011 (CHB)	8/9/2011 (City)
Human Impacts	Minor trash	None noted	Minor trash
Erosion	No new erosion noted since the last inspection in February	Bank near P6 is continuing to erode and several willows have some exposed roots	Small amount at the point and along the front of the OVT berm
Weeds	Tansy ragwort is coming in, and some thistle is present throughout	St. John's wort, tansy ragwort, thistle and blackberry noted	A large amount of St. John's wort was noted throughout the site
Fencing	Same as before.	No change noted	The perimeter fencing could be removed, and GED should be removed as it is falling down and impacting establishing vegetation
Plantings	Generally in good condition, with 20-30% mortality estimated	Three willows, three roses, two maples, and three red flowering currant are surviving, but all are being overgrown by St. John's wort	No recent plantings
Flora	Generally healthy with no plant stress noted and minor rabbit damage to the roses observed	Site is generally healthy. Several patches of silverweed were in bloom and the roses were spreading in several areas. There is a considerable amount of buttercup and sheep's sorrel present. Two shore pines are leaning heavily near the gate.	Salt marsh vegetation is minimal, but encouraging - scirpus, salt grass, pickleweed, orache and potentilla were observed. Some rabbit damage was identified. Some of the willows are doing very well while some are dead or showing drought stress.
Fauna	Geese nesting on the outer perimeter, and seals	Many geese present on the beach	Caspian tern, seagull chicks, geese, rabbit and crow
Photo-documentation	Not taken	Not taken	Taken

Table 9
ESP Site Record

ESP Site Record: Tahoma Salt Marsh					
Observational Categories	8/12/09	10/21/09	12/3/09	2/3/10	4/25/10
Human Impacts	Continued vandalism to sprinkler system. Minor trash	none noted	none noted minor trash	none noted	Minor trash
Erosion	Some noted associated with logs and mouth	same	same	same	None noted
Weeds	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	Blackberry, vetch, thistle, and reed canary grass
Fencing	Good condition	Chinese Reconciliation Park filling has removed fencing on North side	same	same	Same
Plantings	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.	Pickleweed and saltgrass doing well
Flora	Doing well. Salt marsh plants filling in slowly.	same	Sprinklers to be turned off next summer	Sprinklers set to be off	Generally healthy; a few plants appear stressed
Fauna	Avian species noted. Rabbit	Beaver, killdeer, geese	geese, small avian species	geese	Juvenile fish, deer tracks, seagull carcass
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken

Table 9
ESP Site Record

ESP Site Record: Tahoma Salt Marsh					
Observational Categories	6/23/10	8/31/10	10/27/10	12/18/10	2/2/2011 (City)
Human Impacts	Minor trash	Minor trash	None noted	Minor trash	Minor trash
Erosion	Minimal erosion caused by broken sprinkler	No significant erosion	None noted	Minor erosion in the mouth area at the marsh/upland transition	Some sedimentation near the mouth and LWD on the west transition
Weeds	Same as before	Pepperweed, blackberry, thistle, tansy, and morning glory	Tansy and reed canary grass noted	Same as before	Some tansy rosettes noted
Fencing	Same as before	Same as before	Generally in good condition	Same as before	Same as before
Plantings	Newly planted vine maples look good	Generally good, with 10-20% dead due to heat/weather stress	Same as before	Same as before	Looking good
Flora	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.	Generally in good condition	Generally in good condition with some trees showing possible minor stress	Generally good with no disease or stress noted, and only old, minor animal damage. Oregon grape and red flowering currant are starting to flower.
Fauna	Deer tracks and evidence of deer predation, sandpipers	Deer, raccoon (?) paw print, small avian species, and goose poop on island	Deer tracks and evidence of goose presence	Heron, goldfinches	Seagulls, killdeer, small avian species, deer, finches, ducks, geese, dog, crow, beaver marks on willows, sea lion, and rock doves
Photo-documentation	Not taken	Taken	Not taken	Not taken	Taken

Table 9
ESP Site Record

ESP Site Record: Tahoma Salt Marsh			
Observational Categories	4/9/2011 (CHB)	6/16/2011 (CHB)	8/9/2011 (City)
Human Impacts	Minor trash	There were two people present on the outer "island" portion of the site. No impacts were noted.	Two firepits were found on the outer island.
Erosion	None noted	None noted	Minor in the area of recent planting
Weeds	Invasive species present include thistle, dock, tansy ragwort, reed canary grass, and blackberry	Reed canary grass and vetch are present throughout the site. Thistle and white sweet clover were observed on the outer portion of the site, along with a small amount of blackberry and curled dock.	Thistle, reed canary grass and blackberry were noted.
Fencing	GED fencing from past plantings was reused in new planting areas	Some LWD is pushing against the GED fencing	GED in fair condition
Plantings	New plantings completed in April	Many of the plugs in the marsh are partially exposed by the tide and dried out. Only 6 of the gumweed plugs were found. Some animal (probably deer) damage was noted.	6 gumweed and some of the carex/haigrass on the slope were uprooted by the tide. Others are doing well.
Flora	Overall, vegetation appears healthy with no plant stress or animal damage noted	Overall the vegetation is doing quite well in both the riparian area and in the marsh. Some volunteer pickleweed is coming in on the south/southwest side of the marsh.	The scirpus is well established and brass buttons are populating more of the site. Many salt grass and pickleweed volunteers were observed where none were before. The site is dry. Taller weeds need to be removed from around trees and shrubs. Cottonwood was volunteering in the riparian area and fleshy jaumea in the marsh.
Fauna	None noted	Deer prints observed in the newly planted portion of the marsh	Crabs, dog, sand fleas, mussels, barnacles and deer
Photo-documentation	Not taken	Not taken	Taken

Table 10
ESP Site Record

ESP Site Record: Swan Creek					
Observational Categories	8/19/09	10/21/09	12/16/09	2/3/10	4/28/10
Human Impacts	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.	Some trash, particularly near LRSS
Erosion	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	None noted
Weeds	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	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
Fencing	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	Good condition
Plantings	Minor damage by beaver.	Good survivability at North end slope	Plantings planned for next Spring on slope areas	same	Plantings are doing well
Flora	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	All generally healthy; some vine maple starts observed; minimal beaver damage noted; supplemental planting on island following invasive removal needed
Fauna	Beaver. Avian species noted	Great Blue Heron, small avian species, ducks	Dead salmon noted in stream, deer, beaver, hooded merganser	beaver	Ducks, snake
Photo-documentation	Taken	Not taken	Not taken	Taken	Not taken

Table 10
ESP Site Record

ESP Site Record: Swan Creek					
Observational Categories	6/25/10	8/11/10	10/29/10	12/15/10	2/9/2011 (City)
Human Impacts	Minor trash; debris on site from demolition of adjacent LRSS	Same as before	Same as before	Minimal trash	Minimal trash
Erosion	None noted	No erosion noted. Some sedimentation near Channel A diversion - spit growing but still passable.	None noted	None noted	None noted
Weeds	Same as before, plus wild pea and dames rocket	Blackberry regrowth along Pioneer noted, along with morning glory, willowherb and small ivy starts	Wild pea, blackberry, reed canary grass, and St. John's wort noted	Reed canary grass, thistle, blackberry, herb Robert, buttercup, and St. John's wort noted	No new noted
Fencing	Fence damaged during demolition of adjacent LRSS; notified Bill Sullivan	Same as before. No repairs have been performed at this time	Same as before	Same as before	Same as before
Plantings	Oregon grape and ocean spray doing well	Some mortality for those with sun/heat exposure - shaded plants doing well	Generally doing well, although some Douglas fir not doing well, and some red flowering currant looking dried out	Generally doing well, with Douglas fir showing some possible stress	Generally doing well with approximately 10 douglas fir recently planted on the island
Flora	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.	Generally healthy	Generally healthy with some wind damage noted	Generally healthy with no disease or stress noted, and typical beaver damage. Black hawthorne on the island doing notably well.
Fauna	Ducks	Bees	Salmon	Salmon, ducks, perching birds, and a bald eagle	Mole, ducks, dead fish, eagle, red-tailed hawk, seagul
Photo-documentation	Not taken	Taken	Not taken	Not taken	Taken

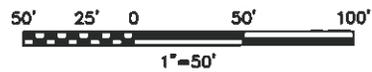
Table 10
ESP Site Record

ESP Site Record: Swan Creek			
Observational Categories	4/29/2011 (CHB)	6/9/2011 (CHB)	8/11/2011 (City)
Human Impacts	Minor trash and debris remains from the demolition of the adjacent LRSS	Possibly some trees near Pioneer had been cut and removed?	Trash from removal of LRSS remains and has pushed farther onto the site.
Erosion	None noted	None noted	None noted
Weeds	Blackberry, thistle, dock, scott's broom, dandelions, herb robert, and reed canary grass	Blackberry, thistle, vetch and knotweed were noted	Hop vine was found at the north end of the site growing with the morning glory. Policeman's helmet needs to be pulled on the far side of the creek.
Fencing	Same as before	Same as before	Both chain and rope that have been placed between the bollards have been taken so the fence requires repair again.
Plantings	Douglas fir continue to thrive, and some die off of deciduous plantings were noted	Plantings are continuing to do well. Grass is high around new plantings. Some mulch could be placed.	Maintenance around the plants at the north end is needed in order to evaluate survival. Minor beaver damage was noted. Some drought stress was also identified.
Flora	Generally healthy with no plant damage noted, and only minor yellowing of needles on two young fir trees observed	Overall site is doing well with only minor animal damage (beaver) noted	Willow and alder are starting to establish by photopoint 1.
Fauna	Mallard family, and swallows	Ducks, crows, stellar jay, song birds, swallowtail butterflies, snakes and signs of beaver were observed	Beaver, chickadee, cedar waxwing, crow, small avian species and kingfisher
Photo-documentation	Not taken	Not taken	Taken

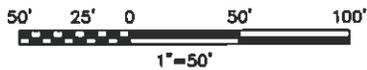


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1"=150'

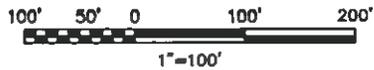
YOWKWALA



SKOOKUM WULGE

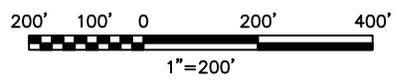


SQUALLY BEACH

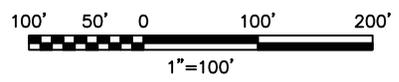
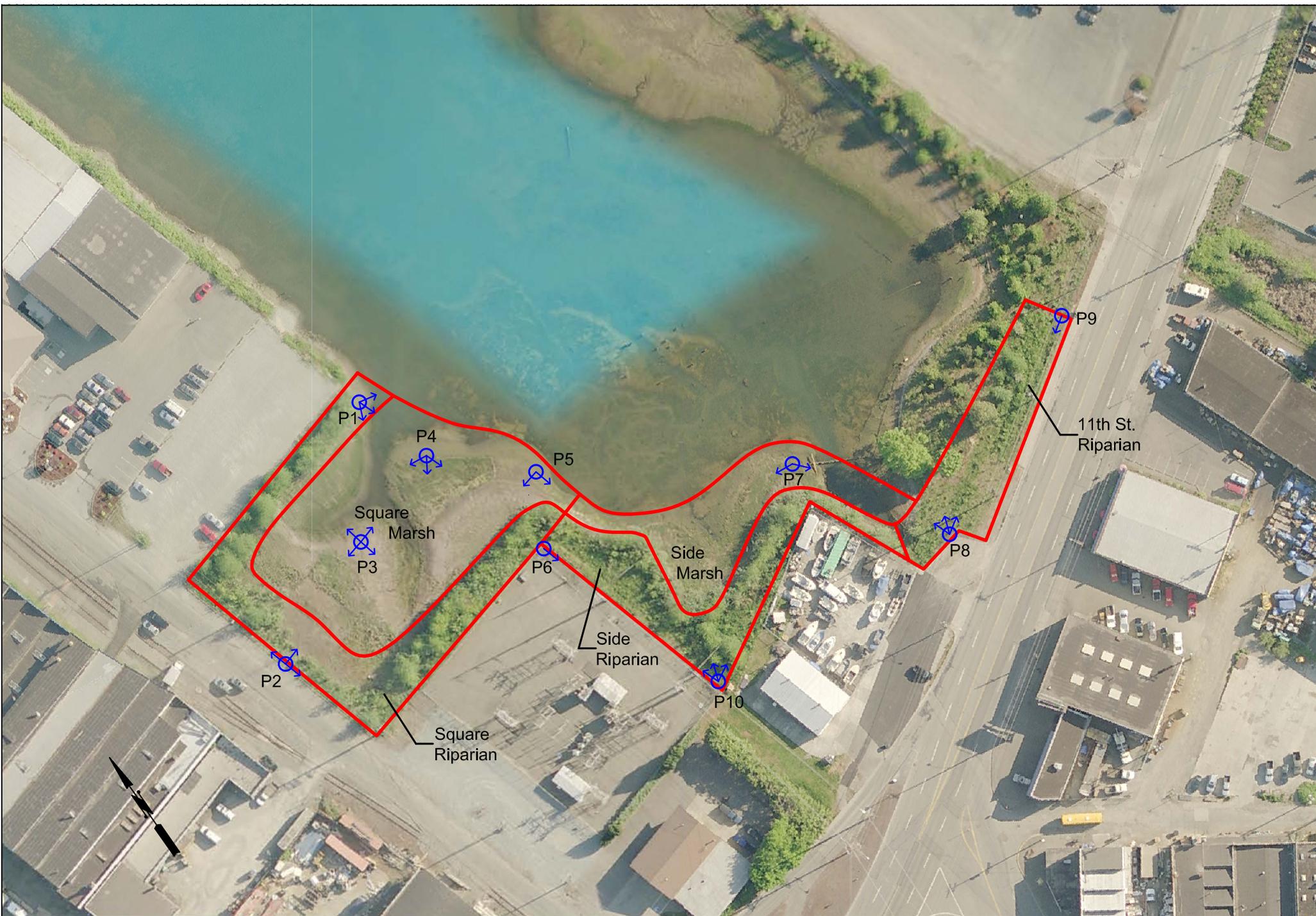


MOWITCH - HEAD OF HYLEBOS





JORDAN/LOWER HYLEBOS MARSH



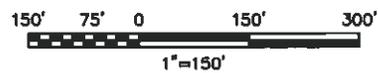
MIDDLE WATERWAY, CITY



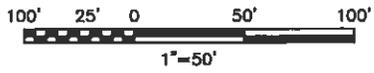
MIDDLE WATERWAY, SIMPSON



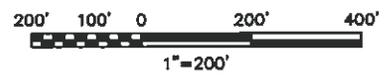
150' 75' 0 150' 300'
1"=150'



OLYMPIC VIEW, CITY & WDNR



TAHOMA SALT MARSH



SWAN CREEK

Attachment 2

Photos and Field Forms



MOW PP1 08_11 ESP Monitoring 153 (looking E) 2011-08-11 10-07-58



MOW PP1 08_11 ESP Monitoring 154 (looking NE) 2011-08-11 10-08-13



MOW PP1 08_11 ESP Monitoring 155 (looking N) 2011-08-11 10-08-24



MOW PP1 08_11 ESP Monitoring 156 (looking SE) 2011-08-11 10-08-35



MOW PP2 08_11 ESP Monitoring 157 (looking NE) 2011-08-11 10-09-44



MOW PP3 08_11 ESP Monitoring 158 (looking W) 2011-08-11 10-10-52



MOW PP3 08_11 ESP Monitoring 159 (looking SW) 2011-08-11 10-11-06



MOW PP4 08_11 ESP Monitoring 160 (looking E) 2011-08-11 10-14-48



MOW PP4 08_11 ESP Monitoring 161 (looking N) 2011-08-11 10-14-59



MOW PP4 08_11 ESP Monitoring 162 (looking NW) 2011-08-11 10-15-10



MOW PP4 08_11 ESP Monitoring 163 (looking SE) 2011-08-11 10-15-34



MOW PP5 08_11 ESP Monitoring 164 (looking E) 2011-08-11 10-16-58



MOW PP5 08_11 ESP Monitoring 165 (looking N) 2011-08-11 10-17-17



MOW PP5 08_11 ESP Monitoring 166 (looking NE) 2011-08-11 10-17-35



MOW PP5 08_11 ESP Monitoring 167 (looking NW) 2011-08-11 10-17-53



MOW PP5 08_11 ESP Monitoring 168 (looking SE) 2011-08-11 10-18-06



MOW PP6 08_11 ESP Monitoring 169 (looking S) 2011-08-11 10-18-54



MOW PP6 08_11 ESP Monitoring 170 (looking SW) 2011-08-11 10-19-07



MOW PP7 08_11 ESP Monitoring 171 (looking E) 2011-08-11 10-21-57



MOW PP7 08_11 ESP Monitoring 172 (looking N) 2011-08-11 10-22-08



MOW PP7 08_11 ESP Monitoring 173 (looking NW) 2011-08-11 10-22-26



MOW PP7 08_11 ESP Monitoring 174 (looking SE) 2011-08-11 10-22-37



MOW PP8 08_11 ESP Monitoring 175 (looking N) 2011-08-11 10-26-53



MOW PP8 08_11 ESP Monitoring 176 (looking NW) 2011-08-11 10-26-57

**Environmental Stewardship Project
Qualitative Ground Survey**

Date: 8/10/11 Time: 2:45 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: overcast, muggy, warm

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	n/a		
Plant Damage by animals (percent damage)	none noted		
Plant Vigor (list species)	shorepine doing well		
Plant Disease/Stress (percent by species)	dry		
Supplemental Planting Needed	not @ this time		
Human Impacts (general)	none noted		
Trash (volume)		one pc of metal in channel	
Vandalism (extent)	None noted.		
Perimeter Fencing (condition/maintenance needs)	OK - still missing gate		
Goose Exclusion Fencing (condition/maintenance needs)	n/a	n/a.	
Large Woody Debris (recruitment, presence)		no/yes. →	
Mulch (quantity needed)	on-site		
Erosion/Sedimentation			no significant areas noted.

Vegetation:

Invasive Species and Location: Phragmites still left in 3 areas at least

Volunteer Species and Location: pickleweed (brass buttons) continuing to ~~work~~ populate out towards island.

General Vegetation Notes: green on island (some) brass buttons, salt grass, pickleweed

Wildlife Notes (Species observed, other evidence):

ducks, Swallow, Kill deer

General Comments:

netting removal needed on all Blends where bunched up.

Photo Points (Record Picture # and Time):
 Site: now Tide too high on 8/10 for adequate comparison.
 Date: 8/10/11 Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

P 1	9:51 am	P 2	9:54 am	P 3	9:55 am	P 4	9:58 am
P 5	10:01 am.	P 7	10:02 am.	P 8	10:09 am.	P	P
P		P		P		P	



MWC PP1 08_11 ESP Monitoring 026 (looking S) 2011-08-09 11-46-31



MWC PP1 08_11 ESP Monitoring 027 (looking SE) 2011-08-09 11-46-38



MWC PP1 08_11 ESP Monitoring 028 (looking SW) 2011-08-09 11-46-52



MWC PP2 08_11 ESP Monitoring 029 (looking E) 2011-08-09 11-49-12



MWC PP2 08_11 ESP Monitoring 030 (looking N) 2011-08-09 11-49-24



MWC PP2 08_11 ESP Monitoring 031 (looking S) 2011-08-09 11-49-35



MWC PP3 08_11 ESP Monitoring 032 (looking E) 2011-08-09 11-51-01



MWC PP3 08_11 ESP Monitoring 033 (looking N) 2011-08-09 11-51-14



MWC PP3 08_11 ESP Monitoring 034 (looking S) 2011-08-09 11-51-25



MWC PP3 08_11 ESP Monitoring 035 (looking W) 2011-08-09 11-51-36



MWC PP4 08_11 ESP Monitoring 036 (looking S) 2011-08-09 11-53-13



MWC PP4 08_11 ESP Monitoring 037 (looking SW) 2011-08-09 11-53-22



MWC PP4 08_11 ESP Monitoring 038 (looking W) 2011-08-09 11-53-39



MWC PP5 08_11 ESP Monitoring 039 (looking S) 2011-08-09 11-54-45



MWC PP5 08_11 ESP Monitoring 040 (looking W) 2011-08-09 11-54-56



MWC PP6 08_11 ESP Monitoring 041 (looking S) 2011-08-09 11-57-16



MWC PP6 08_11 ESP Monitoring 042 (looking SE) 2011-08-09 11-58-12



MWC PP7 08_11 ESP Monitoring 043 (looking SE) 2011-08-09 12-02-23



MWC PP7 08_11 ESP Monitoring 044 (looking W) 2011-08-09 12-02-37



MWC PP8 08_11 ESP Monitoring 045 (looking N) 2011-08-09 12-05-14



MWC PP8 08_11 ESP Monitoring 046 (looking NE) 2011-08-09 12-05-37



MWC PP8 08_11 ESP Monitoring 047 (looking NW) 2011-08-09 12-05-45



MWC PP9 08_11 ESP Monitoring 048 (looking SW) 2011-08-09 12-07-28



MWC PP9 08_11 ESP Monitoring 049 (looking W) 2011-08-09 12-07-50



MWC PP10 08_11 ESP Monitoring 050 (looking NE) 2011-08-09 12-11-09



MWC PP10 08_11 ESP Monitoring 051 (looking NW) 2011-08-09 12-11-16

**Environmental Stewardship Project
Qualitative Ground Survey**

Date: 8/9/11 Time: 11:20 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: overcast, 70°
L. Hoque, J. Beikenhauer

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	50% side rip / 80% in high marsh / FSt		
Plant Damage by animals (percent damage)	maples eaten - all (leaves)		
Plant Vigor (list species)	rose,	same	
Plant Disease/Stress (percent by species)	many exp. drought stress.		
Supplemental Planting Needed	not @ this time.		
Human Impacts (general)	none noted.		
Trash (volume)	none noted x minor.		
Vandalism (extent)	none noted		
Perimeter Fencing (condition/maintenance needs)	good.		
Goose Exclusion Fencing (condition/maintenance needs)	n/a		
Large Woody Debris (recruitment, presence)	n/a		
Mulch (quantity needed)	some around new plantings		
Erosion/Sedimentation	increase in erosion noted b/t side riparian & side marsh		

Vegetation:

Invasive Species and Location: blackberry, reed canary grass, thistle, wh. snt. clover, m. globe
 none new noted.
 Volunteer Species and Location: gumweed, OR ash, oak.

See pic.

Even in bare areas new volunteers are showing - pickweeds salt grass.
 General Vegetation Notes: fleshy yamarea becoming well established, noted in many more areas than before.

Wildlife Notes (Species observed, other evidence):

Sea gull, digging (holes), dog, bee, killdeer, bunny.

General Comments:

dry, many plants showing drought stress.
 dumping of yard debris? near storm outfall?

Photo Points (Record Picture # and Time):

Site: MNC
 Date: 8/9/11

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

Site:	P 1	P 2	P 3	P 4
	11:30 am	11:33 am	11:35 am	11:37 am
P 5	P 6	P 7	P 8	P 9
11:39 am	11:41 am	11:40 am	11:49 am	11:51 am
P 10	P	P	P	P
11:55 am				



MWS PP1 08_11 ESP Monitoring 053 (looking E) 2011-08-09 13-37-59



MWS PP1 08_11 ESP Monitoring 054 (looking N) 2011-08-09 13-38-10



MWS PP1 08_11 ESP Monitoring 055 (looking NE) 2011-08-09 13-38-24



MWS PP1 08_11 ESP Monitoring 056 (looking SE) 2011-08-09 13-38-30



MWS PP2 08_11 ESP Monitoring 057 (looking N) 2011-08-09 13-40-50



MWS PP2 08_11 ESP Monitoring 058 (looking S) 2011-08-09 13-40-58



MWS PP2 08_11 ESP Monitoring 059 (looking W) 2011-08-09 13-41-15



MWS PP3 08_11 ESP Monitoring 060 (looking E) 2011-08-09 13-44-51



MWS PP3 08_11 ESP Monitoring 061 (looking N) 2011-08-09 13-45-07



MWS PP3 08_11 ESP Monitoring 062 (looking NE) 2011-08-09 13-45-19



MWS PP3 08_11 ESP Monitoring 063 (looking S) 2011-08-09 13-45-34



MWS PP3 08_11 ESP Monitoring 064 (looking SE) 2011-08-09 13-45-42



MWS PP4 08_11 ESP Monitoring 065 (looking N) 2011-08-09 13-49-10



MWS PP4 08_11 ESP Monitoring 066 (looking NW) 2011-08-09 13-49-17



MWS PP4 08_11 ESP Monitoring 067 (looking S) 2011-08-09 13-49-40



MWS PP4 08_11 ESP Monitoring 068 (looking SW) 2011-08-09 13-49-51



MWS PP5 08_11 ESP Monitoring 069 (looking N) 2011-08-09 13-52-26



MWS PP5 08_11 ESP Monitoring 070 (looking NE) 2011-08-09 13-52-34



MWS PP5 08_11 ESP Monitoring 071 (looking W) 2011-08-09 13-52-48



MWS PP6 08_11 ESP Monitoring 072 (looking N) 2011-08-09 13-55-07



MWS PP6 08_11 ESP Monitoring 073 (looking NE) 2011-08-09 13-55-22



MWS PP6 08_11 ESP Monitoring 074 (looking W) 2011-08-09 13-55-33

Environmental Stewardship Project Qualitative Ground Survey

Date: 8/2/11 Time: 1 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. Podley, M. Henley, J. Beckenhauer Weather: partly cloudy, muggy 75 ish.

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	<u>good 90%</u>		
Plant Damage by animals (percent damage)	<u>none noted.</u>		
Plant Vigor (list species)	<u>pickweed.</u>		
Plant Disease/Stress (percent by species)	<u>some drought stress</u>		
Supplemental Planting Needed	<u>not @ this time.</u>		
Human Impacts (general)	<u>↑</u>		
Trash (volume)	<u>minor trash noted under trees in asleaby lth.</u>		
Vandalism (extent)	<u>none noted.</u>		
Perimeter Fencing (condition/maintenance needs)	<u>n/a</u>		
Goose Exclusion Fencing (condition/maintenance needs)	<u>Remove →</u>		
Large Woody Debris (recruitment, presence)		<u>no sign./yes</u>	
Mulch (quantity needed)	<u>not @ this time - some on-going (?) stewards)</u>		
Erosion/Sedimentation		<u>x minor @ head of waterway</u>	

Vegetation:

Invasive Species and Location:	<u>sm. Knopweed, blackberry, butterfly bush,</u>
Volunteer Species and Location:	<u>marsh - sm. amt of fleshy juncea.</u>

General Vegetation Notes: dry, some carex noted near TP5 - eaten but.

Wildlife Notes (Species observed, other evidence):
 wood pecker, great blue heron, ~~killdeer~~ sand piper, swallow,

General Comments:
 NCC crew on-site

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

Photo Points (Record Picture # and Time):

Site: MNS
 Date: 8/9/11

Site:	P 1	P 2	P 3	P 4
P 5	1:22 pm	1:24 pm	1:30 pm	1:32 pm
P	1:30 pm			
P				
P				



SKW PP1 08_11 ESP Monitoring 100 (looking S) 2011-08-10 09-29-51



SKW PP1 08_11 ESP Monitoring 101 (looking SE) 2011-08-10 09-29-59



SKW PP2 08_11 ESP Monitoring 102 (looking N) 2011-08-10 09-34-05



SKW PP2 08_11 ESP Monitoring 103 (looking NE) 2011-08-10 09-34-22



SKW PP2 08_11 ESP Monitoring 104 (looking S) 2011-08-10 09-34-36



SKW PP2 08_11 ESP Monitoring 105 (looking SW) 2011-08-10 09-34-42



SKW PP3 08_11 ESP Monitoring 106 (looking N) 2011-08-10 09-39-52



SKW PP3 08_11 ESP Monitoring 107 (looking NE) 2011-08-10 09-39-59



SKW PP3 08_11 ESP Monitoring 108 (looking S) 2011-08-10 09-40-10



SKW PP3 08_11 ESP Monitoring 109 (looking SE) 2011-08-10 09-40-19



SKW PP4 08_11 ESP Monitoring 110 (looking E) 2011-08-10 09-42-04



SKW PP4 08_11 ESP Monitoring 111 (looking N) 2011-08-10 09-42-14



SKW PP4 08_11 ESP Monitoring 112 (looking NE) 2011-08-10 09-42-29



SKW PP5 08_11 ESP Monitoring 113 (looking N) 2011-08-10 09-45-54



SKW PP5 08_11 ESP Monitoring 114 (looking NE) 2011-08-10 09-46-11



SKW PP6 08_11 ESP Monitoring 115 (looking N) 2011-08-10 09-52-03



SKW PP6 08_11 ESP Monitoring 116 (looking S) 2011-08-10 09-52-14



SKW PP6 08_11 ESP Monitoring 117 (looking W) 2011-08-10 09-52-38

Environmental Stewardship Project Qualitative Ground Survey

Date: 9/10/11 Time: 9:11am

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. Henkel, H. Hoque Weather: Overcast, cool

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	90-95% good		
Plant Damage by animals (percent damage)	none noted		
Plant Vigor (list species)	coastal strawberries		
Plant Disease/Stress (percent by species)	all - drought related		
Supplemental Planting Needed	So end planting planned		
Human Impacts (general)	none noted.		
Trash (volume)	.	minor trash high tide line	
Vandalism (extent)	none noted.		
Perimeter Fencing (condition/maintenance needs)	good - one bollard leaning		
Goose Exclusion Fencing (condition/maintenance needs)	n/a	n/a	
Large Woody Debris (recruitment, presence)		yes/yes	
Mulch (quantity needed)	as assoc. w/ planting		
Erosion/Sedimentation		continuing @ decreased rate.	

Vegetation:

Invasive Species and Location:	blackberry & my respreading @ so. end
Volunteer Species and Location:	some pepperweed starts in no. end marsh area alder, cottonwood, big leaf maple

General Vegetation Notes: Hillside veg (No) not establishing well
 Known to be treated (late Aug) some injection, some spray.

Wildlife Notes (Species observed, other evidence):
 great blue heron, gull, crabs, sm. avian species

General Comments:
 Some vegetation (minor herbaceous) establishing on cut eroded face
 Jute mat placed on road slope (So. end) where ivy was removed
 needs a sm. amt more.
 sm. 2' wide, 3' long area cut to allow tide to move into small
 depression behind dog in So. end

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

Photo Points (Record Picture # and Time):

Site: SKW
 Date: 8/10/11

Site:	P 1	P 2	P 3	P 4
P 5	9:14 am	9:18 am	9:25 am	9:27 am
P	P 6	P	P	P
P	9:30 am	9:37 am		
P	P	P	P	P



SQB PP0 08_11 ESP Monitoring 138 (looking N) 2011-08-10 14-12-21



SQB PP0 08_11 ESP Monitoring 139 (looking E) 2011-08-10 14-12-33



SQB PP1 08_11 ESP Monitoring 140 (looking E) 2011-08-10 14-14-10



SQB PP1 08_11 ESP Monitoring 141 (looking SE) 2011-08-10 14-14-31



SQB PP2 08_11 ESP Monitoring 142 (looking E) 2011-08-10 14-17-26



SQB PP2 08_11 ESP Monitoring 143 (looking N) 2011-08-10 14-17-43



SQB PP2 08_11 ESP Monitoring 144 (looking NE) 2011-08-10 14-18-01



SQB PP2 08_11 ESP Monitoring 145 (looking NW) 2011-08-10 14-18-13



SQB PP2 08_11 ESP Monitoring 146 (looking W) 2011-08-10 14-18-26



SQB PP3 08_11 ESP Monitoring 147 (looking E) 2011-08-10 14-22-14



SQB PP3 08_11 ESP Monitoring 148 (looking S) 2011-08-10 14-22-28



SQB PP3 08_11 ESP Monitoring 149 (looking W) 2011-08-10 14-22-37



SQB PP4 08_11 ESP Monitoring 150 (looking S) 2011-08-10 14-29-08



SQB PP4 08_11 ESP Monitoring 151 (looking W) 2011-08-10 14-29-16



SQB PP4 08_11 ESP Monitoring 152 (looking NW) 2011-08-10 14-29-30

**Environmental Stewardship Project
Qualitative Ground Survey**

Date: 8/10/11

Time: 1:55 pm

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

Site (circle): Yowkwa (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: overcast, warm

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	Some willows/rose on islands - ok.		
Plant Damage by animals (percent damage)	none noted.		
Plant Vigor (list species)	all look great.		
Plant Disease/Stress (percent by species)	minimal stress noted on established veg.		
Supplemental Planting Needed	not @ this time		
Human Impacts (general)	none noted.		
Trash (volume)	none noted.		
Vandalism (extent)	none noted.		
Perimeter Fencing (condition/maintenance needs)	good		
Goose Exclusion Fencing (condition/maintenance needs)	n/a		
Large Woody Debris (recruitment, presence)		yes/yes	
Mulch (quantity needed)	n/a		
Erosion/Sedimentation		some @ shoreline of site.	

Vegetation:

Invasive Species and Location:	Knotweed, no new noted.
Volunteer Species and Location:	wh. SWT clover sweep - esp. on islands. no new noted.

General Vegetation Notes: Rose apt noted - less than last yr.
 Willows near sign (previously cut (3yrs) grown back
 no sign of cordgrass.

Wildlife Notes (Species observed, other evidence):
 sm. avian species, geese, bees, butterfly, dragonfly, gnats
 sm. social trails noted. - may be animal (deer) as well?
 near mid-site around roses.

General Comments:
 Could pull netting that is exposed.
 Knotweed needs to be sprayed/injected.
 no large accumulation of LWD inside the marsh areas (post removal of fencing)
 One LWD may have gotten loose?

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

Photo Points (Record Picture # and Time):
 Site: SOB
 Date: 8/10/11

P	0	1:50 pm	P	1	1:58 pm	P	2	2:02 pm	P	3	2:06 pm
P	4	2:14 pm	P			P			P		
P			P			P			P		



SWN PP1 08_11 ESP Monitoring 007 (looking N) 2011-08-11 12-52-02



SWN PP1 08_11 ESP Monitoring 008 (looking NE) 2011-08-11 12-52-10



SWN PP1 08_11 ESP Monitoring 009 (looking SE) 2011-08-11 12-52-25



SWN PP2 08_11 ESP Monitoring 010 (looking NW) 2011-08-11 12-59-52



SWN PP2 08_11 ESP Monitoring 011 (looking S) 2011-08-11 13-00-03



SWN PP2 08_11 ESP Monitoring 012 (looking SE) 2011-08-11 13-00-13



SWN PP3 08_11 ESP Monitoring 013 (looking S) 2011-08-11 13-02-08



SWN PP3 08_11 ESP Monitoring 014 (looking E) 2011-08-11 13-02-17



SWN PP3 08_11 ESP Monitoring 015 (looking NW) 2011-08-11 13-02-29



SWN PP4 08_11 ESP Monitoring 016 (looking E) 2011-08-11 13-05-01



SWN PP4 08_11 ESP Monitoring 017 (looking N) 2011-08-11 13-05-13



SWN PP4 08_11 ESP Monitoring 018 (looking S) 2011-08-11 13-05-26



SWN PP5 08_11 ESP Monitoring 019 (looking NE) 2011-08-11 13-20-54



SWN PP5 08_11 ESP Monitoring 020 (looking N) 2011-08-11 13-20-59



SWN PP6 08_11 ESP Monitoring 021 (looking N) 2011-08-11 13-47-00



SWN PP6 08_11 ESP Monitoring 022 (looking S) 2011-08-11 13-47-08



SWN PP6 08_11 ESP Monitoring 023 (looking W) 2011-08-11 13-47-24

**Environmental Stewardship Project
Qualitative Ground Survey**

Date: 8/11/11 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, J. Beckenhauer weather: partly cloudy, warm.

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach Swan Creek
Survival of recent plantings	needs maint. @ no. end to evaluate		
Plant Damage by animals (percent damage)	minor beaver damage.		
Plant Vigor (list species)	Alder - same.		
Plant Disease/Stress (percent by species)	All - drought stress.		
Supplemental Planting Needed	not @ this time		
Human Impacts (general)	minor trash.		
Trash (volume)	previous pile of debris pushed further on-site!!		
Vandalism (extent)	stolen rope that replaced the chain.		
Perimeter Fencing (condition/maintenance needs)	needs to be repair		
Goose Exclusion Fencing (condition/maintenance needs)	n/a		
Large Woody Debris (recruitment, presence)	n/a.		
Mulch (quantity needed)	not @ this time.		
Erosion/Sedimentation	none noted.		

Vegetation:

Invasive Species and Location:	<u>Hop vine noticed @ No. end. growing w/ M. Storey</u>
Volunteer Species and Location:	<u>Remove policeman's helmet on far side by RXP tracks.</u>

Kudzu vine? pics. --- Nope. Hop vine

Willow/Alder starting to establish by IP/bridge - Yeah!
 General Vegetation Notes: Pull policeman's helmet on far side of creek.
 Area near lil Red smokeshack finally re-establishing

Wildlife Notes (Species observed, other evidence):

Red-w. Chickadee, Cedar waxwing, crow, sm. avian species, King fisher.

General Comments:

Paving by P.C. in front of site - Pioneer Way. Equipment stored on lil Red Smokeshack property. Sm piling of dirt & asphalt.
 Alder (beaver) fallen on sign - remove.

Photo Points (Record Picture # and Time):

Site: SWN
 Date: 8/11/11

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

Site:	P 1	P 2	P 3	P 4
P 5	12:35 pm	12:43 pm	12:46 pm	12:49 pm
P	P	P	P	P
P	P	P	P	P

Pull policeman's helmet on lee trees prop.

Approx 10' offset to avoid veg.



TSM PP1 08_11 ESP Monitoring 001 (looking NE) 2011-08-09 10-25-18



TSM PP1 08_11 ESP Monitoring 002 (looking SE) 2011-08-09 10-25-38



TSM PP1 08_11 ESP Monitoring 003 (looking SW) 2011-08-09 10-26-03



TSM PP2 08_11 ESP Monitoring 004 (looking NE) 2011-08-09 10-27-28



TSM PP2 08_11 ESP Monitoring 005 (looking NW) 2011-08-09 10-27-42



TSM PP2 08_11 ESP Monitoring 006 (looking SE) 2011-08-09 10-27-59



TSM PP2 08_11 ESP Monitoring 007 (looking SW) 2011-08-09 10-28-19



TSM PP3 08_11 ESP Monitoring 010 (looking NE) 2011-08-09 10-37-09



TSM PP3 08_11 ESP Monitoring 011 (looking NW) 2011-08-09 10-37-40



TSM PP3 08_11 ESP Monitoring 012 (looking SE) 2011-08-09 10-37-49



TSM PP3 08_11 ESP Monitoring 013 (looking SW) 2011-08-09 10-38-03



TSM PP4 08_11 ESP Monitoring 014 (looking NW) 2011-08-09 10-42-29



TSM PP4 08_11 ESP Monitoring 015 (looking SW) 2011-08-09 10-42-46



TSM PP4 08_11 ESP Monitoring 016 (looking W) 2011-08-09 10-42-55



TSM PP5 08_11 ESP Monitoring 017 (looking E) 2011-08-09 10-48-56



TSM PP5 08_11 ESP Monitoring 018 (looking NE) 2011-08-09 10-49-11



TSM PP5 08_11 ESP Monitoring 019 (looking SW) 2011-08-09 10-49-28



TSM PP5 08_11 ESP Monitoring 020 (looking W) 2011-08-09 10-49-36



TSM PP6 08_11 ESP Monitoring 021 (looking E) 2011-08-09 10-54-15



TSM PP6 08_11 ESP Monitoring 022 (looking NE) 2011-08-09 10-54-20



TSM PP6 08_11 ESP Monitoring 023 (looking NW) 2011-08-09 10-54-25



TSM PP7 08_11 ESP Monitoring 024 (looking NE) 2011-08-09 10-57-53



TSM PP7 08_11 ESP Monitoring 025 (looking SE) 2011-08-09 10-57-57

**Environmental Stewardship Project
Qualitative Ground Survey**

Date: 8/9/11 Time: 10am

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: overcast, 65ish

L. Hogue, J. Beckenhauer

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	---	Fair	
Plant Damage by animals (percent damage)	none noted		
Plant Vigor (list species)	lots of growth in comparison to 10 pics.		
Plant Disease/Stress (percent by species)	lack of water - <u>wine bark, willow</u>		
Supplemental Planting Needed	not @ this time		
Human Impacts (general)	none noted.		
Trash (volume)	none noted.		
Vandalism (extent)	none noted.		
Perimeter Fencing (condition/maintenance needs)	good.		
Goose Exclusion Fencing (condition/maintenance needs)	---	Fair cond.	
Large Woody Debris (recruitment, presence)	---	yes/yes	
Mulch (quantity needed)	n/a		
Erosion/Sedimentation		erosion some in area of recent planting	

Vegetation:

Invasive Species and Location: thistle, reed, senecio grass, blackberry

Volunteer Species and Location: Rip - cottonwood, marsh, fleshy jammer

Scirpus in. or a (?) is doing well and will establish.
 Brass buttons populating more of site. Also many salt grass & pickleweed v. Where none before
 General Vegetation Notes: DM, remove taller weeds from plants, weed out?
 • recent planting - 6 gumweed, Carex/narciss on slope uprooted from tide, others doing good.

Wildlife Notes (Species observed, other evidence):
 crabs, dog, sand flies, mussels, barnacles, deer.

General Comments:
 Five Pt (x2) pics (2)

Photo Points (Record Picture # and Time):
 Site: TRM
 Date: 8/9/11
 Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Site:	P 1	P 2	P 3	P 4
	10:10am	10:11am	10:21am	10:26am
P 5	P 6	P 7	P	P
10:31am	10:38am	10:41am		
P	P	P	P	P



YWK PP1 08_11 ESP Monitoring 120 (looking E) 2011-08-10 10-49-05



YWK PP2 08_11 ESP Monitoring 121 (looking E) 2011-08-10 10-53-13



YWK PP2 08_11 ESP Monitoring 122 (looking NE) 2011-08-10 10-53-24



YWK PP2 08_11 ESP Monitoring 123 (looking NW) 2011-08-10 10-53-33



YWK PP2 08_11 ESP Monitoring 124 (looking W) 2011-08-10 10-53-41



YWK PP3 08_11 ESP Monitoring 125 (looking E) 2011-08-10 10-57-00



YWK PP3 08_11 ESP Monitoring 126 (looking N) 2011-08-10 10-57-07



YWK PP3 08_11 ESP Monitoring 127 (looking NE) 2011-08-10 10-57-12



YWK PP3 08_11 ESP Monitoring 128 (looking NW) 2011-08-10 10-57-30



YWK PP3 08_11 ESP Monitoring 129 (looking W) 2011-08-10 10-57-36



YWK PP4 08_11 ESP Monitoring 130 (looking E) 2011-08-10 11-09-52



YWK PP4 08_11 ESP Monitoring 131 (looking NE) 2011-08-10 11-09-57



YWK PP4 08_11 ESP Monitoring 132 (looking NW) 2011-08-10 11-10-06



YWK PP4 08_11 ESP Monitoring 133 (looking W) 2011-08-10 11-10-13



YWK PP5 08_11 ESP Monitoring 134 (looking NW) 2011-08-10 11-14-28



YWK PP5 08_11 ESP Monitoring 135 (looking W) 2011-08-10 11-14-34



YWK PP6 08_11 ESP Monitoring 136 (looking SW) 2011-08-10 11-16-56



YWK PP6 08_11 ESP Monitoring 137 (looking W) 2011-08-10 11-17-01

Note:
10am office opens

Environmental Stewardship Project
Qualitative Ground Survey

Date: 8/10/11 Time: 9:50am

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, L. Hogue Weather: overcast, sunny

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	OK - some seeing drought stress		OK - some snowberry, fir
Plant Damage by animals (percent damage)	none noted.		
Plant Vigor (list species)	gumweed		
Plant Disease/Stress (percent by species)	drought stress - all		
Supplemental Planting Needed	as determined by project.		
Human Impacts (general)	party, fishing,		
Trash (volume)	party trash		
Vandalism (extent)	GED torn down.		
Perimeter Fencing (condition/maintenance needs)	OK		
Goose Exclusion Fencing (condition/maintenance needs)	poor - needs to be removed.		
Large Woody Debris (recruitment, presence)	yes/yes.		
Mulch (quantity needed)	only in assot w/ project.		
Erosion/Sedimentation	minor erosion near entrance		

Vegetation:

Invasive Species and Location: Pepperweed, in flower All same offenders.

Volunteer Species and Location: fleshy jaumea, dune grass, pickleweed, gumweed, orache, all noted in back marsh area

General Vegetation Notes: new plantings - Shore pine, DL grove doing the best.

Wildlife Notes (Species observed, other evidence):
 seagulls, geese, oter, crow, crabs, mussels, hummingbirds, bee

General Comments:
 4-5 pits
 Party house reconstructed
 GED torn down by party people, trail more overgrown than be4, trail
 encroachment by poison oak

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

Photo Points (Record Picture # and Time):

Site: YNK
 Date: 8/10/11

	P 1		P 2		P 3		P 4
Site:	10:33 am		10:37 am		10:41 am.		10:53 am
P 5	P 6.	P	P	P	P	P	P
10:58 am	11:07 am						
P	P	P	P	P	P	P	P



JOR PP1 08_11 ESP Monitoring 177 (looking S) 2011-08-11 10-53-24



JOR PP1 08_11 ESP Monitoring 178 (looking SE) 2011-08-11 10-53-34



JOR PP2 08_11 ESP Monitoring 179 (looking N) 2011-08-11 10-58-03



JOR PP2 08_11 ESP Monitoring 180 (looking NW) 2011-08-11 10-58-10



JOR PP2 08_11 ESP Monitoring 181 (looking S) 2011-08-11 10-58-20



JOR PP2 08_11 ESP Monitoring 182 (looking SE) 2011-08-11 10-58-25



JOR PP3 08_11 ESP Monitoring 183 (looking N) 2011-08-11 11-07-03



JOR PP3 08_11 ESP Monitoring 001 (looking S) 2011-08-11 10-51-02



JOR PP3 08_11 ESP Monitoring 002 (looking W) 2011-08-11 10-51-28



JOR PP4 08_11 ESP Monitoring 003 (looking N) 2011-08-11 10-57-18



JOR PP4 08_11 ESP Monitoring 004 (looking NW) 2011-08-11 10-57-29



JOR PP4 08_11 ESP Monitoring 005 (looking S) 2011-08-11 10-57-42



JOR PP4 08_11 ESP Monitoring 006 (looking SE) 2011-08-11 10-57-52

JOR PP5 (looking NW) Missing photo.

JOR PP5 (looking S) Missing photo.

JOR PP5 (looking W) Missing photo.

Environmental Stewardship Project Qualitative Ground Survey

Date: 8/11/11 Time: 10:30am

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. Pooden, M. Henley, L. Hoque
J. Beckenhauer

Weather: overcast, cool

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	n/c		
Plant Damage by animals (percent damage)	beaver 1/.		
Plant Vigor (list species)	dry, no real signs of drought stress.		
Plant Disease/Stress (percent by species)	none noted.		
Supplemental Planting Needed	not @ this time (no new)	planned event in Fall	
Human Impacts (general)	social trail up to shore hill area	still present but	no activity noted!
Trash (volume)	none noted.		
Vandalism (extent)	none noted.		
Perimeter Fencing (condition/maintenance needs)	good		
Goose Exclusion Fencing (condition/maintenance needs)	n/c		
Large Woody Debris (recruitment, presence)		no/no	
Mulch (quantity needed)	25 Assoc w/ project.		
Erosion/Sedimentation	none noted.		

Vegetation:

Invasive Species and Location: Reed Canary Grass on hill top seems to have increased

Volunteer Species and Location: Big leaf Maple

Alders from Platform 3 So → are suckering out
 General Vegetation Notes: Conifers near platform 3 doing well - lots of new growth

Wildlife Notes (Species observed, other evidence):
 person/dog, bugs, beaver, sm. avian species, geese, Stellar jay
 Beaver dam still present near P2

General Comments:
 no evidence of transients or activity on the hill of camps, etc.
 no new slides.
 dog poop on trail

Photo Points (Record Picture # and Time):
 Site: 8/11/11 JOK
 Date: _____
 Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Site:	P 1	P 2	P 3	P 4
	10:37 am	10:42 am	10:51 am	10:59 am
P 5				
	11:04 am			
P				
P				

P5 Changed to large rock as marker due to constant water



OVRA PP1 08_11 ESP Monitoring 077 (looking S) 2011-08-09 14-31-50



OVRA PP1 08_11 ESP Monitoring 078 (looking SW) 2011-08-09 14-31-56



OVRA PP2 08_11 ESP Monitoring 079 (looking SW) 2011-08-09 14-32-42



OVRA PP2 08_11 ESP Monitoring 080 (looking W) 2011-08-09 14-32-49



OVRA PP3 08_11 ESP Monitoring 081 (looking NE) 2011-08-09 14-35-04



OVRA PP3 08_11 ESP Monitoring 082 (looking SE) 2011-08-09 14-35-15



OVRA PP3 08_11 ESP Monitoring 083 (looking SW) 2011-08-09 14-35-29



OVRA PP4 08_11 ESP Monitoring 084 (looking NE) 2011-08-09 14-38-02



OVRA PP5 08_11 ESP Monitoring 085 (looking N) 2011-08-09 14-39-49



OVRA PP5 08_11 ESP Monitoring 086 (looking SW) 2011-08-09 14-40-04



OVRA PP6 08_11 ESP Monitoring 087 (looking E) 2011-08-09 14-51-03



OVRA PP6 08_11 ESP Monitoring 088 (looking NE) 2011-08-09 14-51-07



OVRA PP6 08_11 ESP Monitoring 089 (looking S) 2011-08-09 14-51-19



OVRA PP6 08_11 ESP Monitoring 090 (looking SE) 2011-08-09 14-51-24



OVRA PP7 08_11 ESP Monitoring 094 (looking N) 2011-08-09 14-57-26



OVRA PP7 08_11 ESP Monitoring 095 (looking NW) 2011-08-09 14-57-37



OVRA PP7 08_11 ESP Monitoring 096 (looking W) 2011-08-09 14-57-59



OVRA PP8 08_11 ESP Monitoring 097 (looking E) 2011-08-09 14-59-52



OVRA PP8 08_11 ESP Monitoring 098 (looking NE) 2011-08-09 15-00-13



OVRA PP8 08_11 ESP Monitoring 099 (looking SE) 2011-08-09 15-00-28



**Environmental Stewardship Project
Qualitative Ground Survey**

Date: 8/9/11 Time: 2:10 pm Year: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Site (circle): Yowkwa (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. Peadar, M. Henley, J. Beckenhauer Weather: partly cloudy, 70°c muggy

Qualitative Observations:

	Hillslope/Riparian	Backshore/Marsh	Beach (below 9 MLLW)
Survival of recent plantings	n/a	n/a	
Plant Damage by animals (percent damage)	Some heavy damage - rose		
Plant Vigor (list species)	willow		
Plant Disease/Stress (percent by species)	some dead willow → drought stress		
Supplemental Planting Needed	not @ this time	yes	
Human Impacts (general)	none noted		
Trash (volume)		minor tide line	
Vandalism (extent)	none noted		
Perimeter Fencing (condition/maintenance needs)	good - could be removed		
Goose Exclusion Fencing (condition/maintenance needs)	*should be removed!!		
Large Woody Debris (recruitment, presence)		little/yes	
Mulch (quantity needed)	not @ this time		
Erosion/Sedimentation		✓ some @ point & along the front of the berm.	

Vegetation:

Invasive Species and Location: st. john's wort - everywhere

Volunteer Species and Location: none noted

General Vegetation Notes: salt marsh veg is lacking but encouraging - sarpurus, salt grass, pickleweed, orache, potentilla.

Wildlife Notes (Species observed, other evidence): Caspian tern, sea gull (chicks), geese, burrowing crow,

General Comments: 3 pics gravel push.

* High Priority - remove nothing in salt marsh, has fallen on ground & now what little plants are being smothered or growing thru it.

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

Photo Points (Record Picture # and Time):

Site: DVRA
Date: 8/9/11

P 1		P 2	P 3	P 4
2:15 pm	2:17 pm	2:19 pm	2:21 pm	
P 6	P 7	P 8	P	
2:32 pm	2:35 pm	2:38 pm		
P	P	P	P	

3 thru gravel push in spots

Attachment 3

Task List

**Environmental Stewardship Project
2012 Task List (Proposed)**

Site	Category	Zone	Task Description	Priority 1,2,3	Timing Spr, S, F, W
YOWKWALA					
Yowkwala	Invasive Species	All	Remove regulated noxious weeds and other priority species (Himalayan blackberry, butterfly bush, pampas grass, pepperweed) as directed by the Trustees.	1	On-going
Yowkwala	Supplemental Planting	Backshore	Evaluate/estimate the need/cost for mass invasive species removal with planting of native species	2	Spr
Yowkwala	Habitat Improvement/Safety	Beach	Cut rebar left from barge removal to grade at low tide (WCC crew)	1	S
SKOOKUM WULGE					
Skookum Wulge	Invasive Species	Backshore	Remove regulated noxious weeds and other priority species (Himalayan blackberry, ivy, knotweed, pepperweed) as directed by the Trustees.	1	On-going
Skookum Wulge	Erosion	Beach	Monitor on-going erosion and salvage plants as needed.	1	On-going
Skookum Wulge	Supplemental Planting	All Riparian	Evaluate for and propose if needed additional plants to achieve sufficient coverage and survivability.	1	Spr, S, F
SQUALLY BEACH					
Squally Beach	Invasive Species	All	Remove regulated noxious weeds and other priority species (Himalayan blackberry, knotweed, pepperweed, smooth cordgrass) as directed by the Trustees.	1	On-going
Squally Beach	Human Impacts	Marsh	Cut and remove exposed fish netting to the extent it will not damage plants during removal	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	On-going
Squally Beach	Habitat Improvement	Beach	Cut remaining bollards at 6" below the mud line	2	S
MOWITCH					
Mowitch	Invasive Species	Riparian F1-F7	Remove regulated noxious weeds and other priority species (Himalayan blackberry, pepperweed, phragmites) as directed by the Trustees.	1	On-going
Mowitch	Human Impacts	Marsh	Cut and remove exposed fish netting to the extent it will not damage plants during removal.	3	On-going
JORDAN					
Jordan	Invasive Species	Marsh	Remove regulated noxious weeds and other priority species (Himalayan blackberry, reed canary grass, purple loosestrife) as directed by the Trustees.	1	On-going
MIDDLE WATERWAY_SIMPSON					
Middle Waterway - Simpson	Invasive Species	Uplands	Remove regulated noxious weeds and other priority species (Himalayan blackberry) as directed by the Trustees.	1	On-going
MIDDLE WATERWAY_CITY					
Middle Waterway - City	Invasive Species	Riparian	Remove regulated noxious weeds and other priority species (Himalayan blackberry, butterfly bush, reed canary grass) as directed by the Trustees.	1	On-going
OLYMPIC VIEW_CITY/DNR					
Olympic View - City/DNR	Invasive Species	All	Remove regulated noxious weeds and other priority species (Himalayan blackberry, pepperweed) as directed by the Trustees.	1	Spr, S
Olympic View - City/DNR	Erosion	Beach/Marsh	Monitor sedimentation/erosion in salt marsh and beach shift	2	S, W
TAHOMA SALT MARSH					
Tahoma Salt Marsh	Invasive Species	All	Remove regulated noxious weeds and other priority species (Himalayan blackberry, pepperweed) as directed by the Trustees.	1	Spr, S
SWAN CREEK					
Swan Creek	Invasive Species	Riparian/East and West Bank	Remove regulated noxious weeds and other priority species (Himalayan blackberry, ivy, Scott's broom, reed canary grass, policeman's helmet, poison hemlock, knotweed) as directed by the Trustees.	1	On-going
SHA DADX					
Sha Dadx	Invasive Species	Toe of slope	Remove regulated noxious weeds and other priority species (Himalayan blackberry, knotweed) as directed by the Trustees.	1	On-going
HAUFF					
Hauff	Invasive Species	Riparian	Remove regulated noxious weeds and other priority species (Himalayan blackberry) as directed by the Trustees.	1	On-going
Hauff	Supplemental Planting	Riparian	Planting as needed	1	F
OVRA TRIANGLE					
OVRA Triangle	Invasive Species	All	Remove regulated noxious weeds and other priority species (Himalayan blackberry, knotweed) as directed by the Trustees.	1	On-going
OVRA Triangle	Supplemental Planting	Riparian/Marsh	Planting as needed	1	F

**Environmental Stewardship Project
2012 Task List (Proposed)**

ALL SITES					
All Sites	General		Cover rebar tops with caps	1	On-going
All Sites	General		Garbage pickup (in accordance with SOW)	1	On-going
All Sites	General		Maintain access to and clean education signs as needed	2	On-going
All Sites	General		Hire photographer to take photos at all sites	1	Late Spring/S
Color Legend:					
Ongoing					
Sites Pending Trustee approval					
Proposed, New (2012)					

Attachment 4

Financial Summary

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Capital Outlay	Grand Total
Project Management (-01)	\$296.94	\$0.00	\$0.00	\$296.94
Reporting and Documentation (-02)	\$1,048.06	\$0.00	\$0.00	\$1,048.06
Sub Total*	\$1,345.00	\$0.00	\$0.00	\$1,345.00
Site Monitoring (-xx-01)	\$1,251.35	\$0.00	\$0.00	\$1,251.35
Site Maintenance (-xx-02)	\$0.00	\$144.50	\$0.00	\$144.50
WCC Crew (\$48.08/hr)	\$6,875.44	\$0.00	\$0.00	\$6,875.44
Adaptive Maintenance (-xx-03)	\$296.94	\$724.33	\$0.00	\$1,021.27
General Maintenance and Monitoring (-30)	\$0.00	\$8,728.29	\$0.00	\$8,728.29
Sub Total	\$8,423.73	\$9,597.12	\$0.00	\$18,020.85
Grand Total	\$9,768.73	\$9,597.12	\$0.00	\$19,365.85

* Total can not exceed \$29,535.

Life to 09/30/11

Personnel Service	Supplies & Service	Capital Outlay	Grand Total
\$14,381.61	\$323.12	\$0.00	\$14,704.73
\$12,534.97	\$0.00	\$0.00	\$12,534.97
\$26,916.58	\$323.12	\$0.00	\$27,239.70
\$8,641.30	\$0.00	\$0.00	\$8,641.30
\$97.19	\$5,747.16	\$0.00	\$5,844.35
\$66,627.80	\$0.00	\$0.00	\$66,627.80
\$8,543.28	\$10,030.43	\$0.00	\$18,573.71
\$1,416.96	\$33,900.95	\$0.00	\$35,317.91
\$85,326.53	\$49,678.54	\$0.00	\$135,005.07
\$112,243.11	\$50,001.66	\$0.00	\$162,244.77

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Capital Outlay	Grand Total
Project Management (-01)	\$296.94	\$0.00	\$0.00	\$296.94

Life to 09/30/11

Personnel Service	Supplies & Service	Capital Outlay	Grand Total
\$14,381.61	\$323.12	\$0.00	\$14,704.73

Layout
Object
Cost Element
Posting Date

/SAP1
PRJ ENV-00371
5190000 To 5390000
07/01/2011 To 09/30/2011

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

Doc. Date	Project	Cost Elem	Cost elem name	Val. in EUR	Empl./Appl. name	Partner object
08/01/2011	ENV-00371	5190000	Int-Labor from Proj	517.68		ENV-00371-02
08/01/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-02
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-02
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-03
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-03
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-04
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-04
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-05
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-05
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-06
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-06
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	86.28		ENV-00371-07
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-07
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-08
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-09
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	74.24		ENV-00371-09
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-10
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-10
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-12
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-12
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	86.28		ENV-00371-13
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-13
09/19/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-01
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-01
09/19/2011	ENV-00371	5190000	Int-Labor from Proj	201.32		ENV-00371-02
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	172.56		ENV-00371-02
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-04
08/01/2011	ENV-00371	5290000	Int-Mats from Proj	724.33		ENV-00371-12
08/01/2011	ENV-00371	5390000	Int-Srvcs from Proj	8,728.29		ENV-00371-20
* ENV-00371				12,345.91		
09/06/2011	ENV-00371-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
08/18/2011	ENV-00371-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
09/13/2011	ENV-00371-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
09/21/2011	ENV-00371-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
* ENV-00371-01				296.94		
07/05/2011	ENV-00371-02	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
07/06/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/12/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
07/13/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/19/2011	ENV-00371-02	5195000	Act-Labor Regular	143.80	Mary L Henley	521600/P20830
07/26/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/26/2011	ENV-00371-02	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
08/04/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
09/06/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
09/07/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
09/08/2011	ENV-00371-02	5195000	Act-Labor Regular	28.76	Mary L Henley	521600/P20830
09/13/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
09/14/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* ENV-00371-02				1,048.06		
08/30/2011	ENV-00371-03	5190000	Int-Labor from Proj	57.52		ENV-00371-03-01
08/30/2011	ENV-00371-03	5190000	Int-Labor from Proj	98.98		ENV-00371-03-01
* ENV-00371-03				156.50		
08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Reporting and Documentation (-02)	\$1,048.06	\$0.00	\$1,048.06

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$12,534.97	\$0.00	\$12,534.97

Layout /SAPI City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Account	Cost Class	Cost class name	Val. In US	Empl. Dept. name	Partner object
08/01/2011	ENV-00371	5190000	Int-Labor from Proj	517.68		ENV-00371-02
08/01/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-02
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-02
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-03
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-03
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-04
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-04
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-05
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-05
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-06
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-06
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	86.28		ENV-00371-07
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-07
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-08
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-09
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	74.24		ENV-00371-09
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-10
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-10
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-12
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-12
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	86.28		ENV-00371-13
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-13
09/19/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-01
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-01
09/19/2011	ENV-00371	5190000	Int-Labor from Proj	201.32		ENV-00371-02
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	172.56		ENV-00371-02
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-04
08/01/2011	ENV-00371	5290000	Int-Mats from Proj	724.33		ENV-00371-12
08/01/2011	ENV-00371	5390000	Int-Srvcs from Proj	8,728.29		ENV-00371-20
*	ENV-00371			12,345.91		
09/06/2011	ENV-00371-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
08/18/2011	ENV-00371-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
09/13/2011	ENV-00371-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
09/21/2011	ENV-00371-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-01			296.94		
07/05/2011	ENV-00371-02	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
07/06/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/12/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
07/13/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/19/2011	ENV-00371-02	5195000	Act-Labor Regular	143.80	Mary L Henley	521600/P20830
07/26/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/26/2011	ENV-00371-02	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
08/04/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
09/06/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
09/07/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
09/08/2011	ENV-00371-02	5195000	Act-Labor Regular	28.76	Mary L Henley	521600/P20830
09/13/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
09/14/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
*	ENV-00371-02			1,048.06		
08/30/2011	ENV-00371-03	5190000	Int-Labor from Proj	57.52		ENV-00371-03-01
08/30/2011	ENV-00371-03	5190000	Int-Labor from Proj	98.98		ENV-00371-03-01
*	ENV-00371-03			156.50		
08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-03-01)	\$156.50	\$0.00	\$156.50
Site Maintenance (-03-02)	\$0.00	\$23.00	\$23.00
WCC Crew (\$48.08/hr)	\$288.48	\$0.00	\$288.48
Adaptive Maintenance (-03-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$444.98	\$23.00	\$467.98

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$1,053.13	\$0.00	\$1,053.13
\$0.00	\$310.32	\$310.32
\$3,711.56	\$0.00	\$3,711.56
\$102.28	\$699.08	\$801.36
\$4,866.97	\$1,009.40	\$5,876.37

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Project	Cost. Elem.	Cost. Elem. Name	Val. in P.	empl. empl. name	Cost Line - Job Cost
08/01/2011	ENV-00371	5190000	Int-Labor from Proj	517.68		ENV-00371-02
08/01/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-02
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-02
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-03
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-03
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-04
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-04
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-05
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-05
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-06
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-06
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	86.28		ENV-00371-07
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-07
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-08
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-09
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	74.24		ENV-00371-09
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-10
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-10
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	57.52		ENV-00371-12
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	49.49		ENV-00371-12
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	86.28		ENV-00371-13
08/30/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-13
09/19/2011	ENV-00371	5190000	Int-Labor from Proj	98.98		ENV-00371-01
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-01
09/19/2011	ENV-00371	5190000	Int-Labor from Proj	201.32		ENV-00371-02
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	172.56		ENV-00371-02
09/28/2011	ENV-00371	5190000	Int-Labor from Proj	197.96		ENV-00371-04
08/01/2011	ENV-00371	5290000	Int-Mats from Proj	724.33		ENV-00371-12
08/01/2011	ENV-00371	5390000	Int-Srvcs from Proj	8,728.29		ENV-00371-20
*	ENV-00371			12,345.91		
09/06/2011	ENV-00371-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
08/18/2011	ENV-00371-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
09/13/2011	ENV-00371-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
09/21/2011	ENV-00371-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-01			296.94		
07/05/2011	ENV-00371-02	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
07/06/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/12/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
07/13/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/19/2011	ENV-00371-02	5195000	Act-Labor Regular	143.80	Mary L Henley	521600/P20830
07/26/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
07/26/2011	ENV-00371-02	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
08/04/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
09/06/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
09/07/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
09/08/2011	ENV-00371-02	5195000	Act-Labor Regular	28.76	Mary L Henley	521600/P20830
09/13/2011	ENV-00371-02	5195000	Act-Labor Regular	115.04	Mary L Henley	521600/P20830
09/14/2011	ENV-00371-02	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
*	ENV-00371-02			1,048.06		
08/30/2011	ENV-00371-03	5190000	Int-Labor from Proj	57.52		ENV-00371-03-01
08/30/2011	ENV-00371-03	5190000	Int-Labor from Proj	98.98		ENV-00371-03-01
*	ENV-00371-03			156.50		
08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem	Cost elem name	Val in \$	Empl - empl name	Actuals Object
08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
*	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-04-01			107.01		
09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
*	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
*	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
*	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
*	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
*	ENV-00371-08			57.52		
08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
*	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
*	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
*	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
*	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Tacoma Hours

Month: August Year: 2011

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															2											1						2.5	
Service Projects		10																														10	
City Projects																												10		4		14	
Ecology Hours																	10							10								20	
Esplanade			1							1																						2	
Head of Thea Foss																							1									1	
Hylebos																																0	
Interviews																																0	
Johnny's Dock																																0	
Jordan-Hylebos																							5							1		5.5	
Landfill Buffer															3	2		4														8.5	
Log Step											1																					0.5	
Meet w/CHB																																0	
Middlewaterway City																8																8	
Middlewaterway Simpson											3																					2.5	
Middlewaterway Tideflat		5						2	3		2												3									14.5	
Mowitch																																0	
North Beach		6		10				8	5	4					2														3			38	
Olympic View															2																	2	
Paperwork/Safety Meeting																																0	
PCD Water Quality																																0	
Puyallup River Side Channel			6							7								5														17	
Thea Foss log/fence																																0	
Skookum Wuldge			2												1														3	1		6.5	
Squally															1																1	2	
Surface/Storm Water																																0	
Swan Creek											2											6	6		3				4	3		28	
Tahoma Salt Marsh											1														5				1			7	
Titlow Daylight																																0	
Tool Maintenance			1								2							2							1				1			5.5	
Visscher Rain Garden																																0	
Yowkwala											2																					2	
Work with other crew																																0	
Total Hours	10	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	0	0	10	10	10	190	

Days schedule off for crew

Tacoma Hours
 Month:September Year:2011

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																					5												5
Service Projects							3	6														5											14
City Projects	2					4									4						6								4			18.5 20	
Ecology Hours										10	10	3	6						1	2		10					10					52	
Esplanade																				5													5
Head of Thea Foss																					1												0.5 1
Hylebos																																	0
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos	4						1																										4.5 5
Landfill Buffer																																	0
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City																																	0
Middlewaterway Simpson								3																									3
Middlewaterway Tideflat																																	0
Mowitch																																	0
North Beach																				2													1.5 2
Olympic View							2																										2
Paperwork/Safety Meeting																										3		3	3				9
PCD Water Quality																																	0
Puyallup River Side Channel																				3	2												4.5 5
Thea Foss log/fence																																	0
Skookum Wuldge													3								2								2				6.5 7
Squally							1																										1
Surface/Storm Water																																	0
Swan Creek	5						3	4	4																				3				19
Tahoma Salt Marsh																						2											1.5 2
Titlow Daylight																																	0
Tool Maintenance																										2		2	3				7
Visscher Rain Garden																																	0
Yowkwala															2							2											4
Work with other crew																																	0
Total Hours	10	0	0	0	0	10	10	10	0	0	0	10	10	8	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	158	

Days schedule off for crew: 9/5 Labor Day
 :9/25-9/29 No crew

Yowkuala

City of Tacoma

Customer: SCI100
Card: 101699
Truck: 101699
Ticket #: 804932
Date: 09/21/11
Time In: 16:44
Time Out: 16:54
Turnaround: 10
Operator: RB
Site: LF

Gr: 7400 Tr: 7340 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: _____

Yokwala

City of Tacoma

Customer: SCI100
Card: 101699
Truck: 101699
Ticket #: 801671
Date: 09/14/11
Time In: 17:07
Time Out: 17:13
Turnaround: 6
Operator: BH
Site: LF

Gr: 7380 Tr: 7240 NET: 140
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: _____

\$ 23.00

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-04-01)	\$107.01	\$0.00	\$107.01
Site Maintenance (-04-02)	\$0.00	\$26.00	\$26.00
WCC Crew (\$48.08/hr)	\$817.36	\$0.00	\$817.36
Adaptive Maintenance (-04-03)	\$197.96	\$0.00	\$197.96
Grand Total	\$1,122.33	\$26.00	\$1,148.33

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$667.16	\$0.00	\$667.16
\$0.00	\$1,152.72	\$1,152.72
\$6,524.30	\$0.00	\$6,524.30
\$7,008.41	\$868.66	\$7,877.07
\$14,199.87	\$2,021.38	\$16,221.25

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem.	Cost Elem. Desc	Val. in \$	Empl./Appl. Name	Partner Object
08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
*	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-04-01			107.01		
09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
*	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
*	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
*	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
*	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
*	ENV-00371-08			57.52		
08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
*	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
*	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
*	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
*	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem	Cost elem name	Val in \$	Impl/appl name	Actual object
* 08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
	ENV-00371-04			304.97		
* 08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-04-01			107.01		
* 09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
	ENV-00371-05			107.01		
* 08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
* 08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
* 08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-01			185.26		
* 08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-03			98.98		
* 08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
	ENV-00371-08			57.52		
* 08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
* 08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
* 08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
* 08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Tacoma Hours

Month: July

Year: 2011

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													3								4
Service Projects											3																						28 ^B
City Projects																										4							4
Ecology Hours										10								10	10	10	10											50	
Esplanade																																	0
Head of Thea Foss												1																					1
Hylebos													8															9					16 ^B
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos																											1						1
Landfill Buffer																																	0
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City												5																					4 ^B
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch																																	0
North Beach												2																					2
Olympic View																									5								4 ^B
Paperwork/Safety Meeting																																	0
PCD Water Quality																																	0
Puyallup River Side Channel																												2					2
Thea Foss log/fence																																	0
Skookum Wuldge														3																			2 ^B
Squally																																	0
Surface/Storm Water																																	0
Swan Creek												9														6		8					23
Tahoma Salt Marsh																								2									2
Titlow Daylight																																	0
Tool Maintenance																																	0
Visscher Rain Garden																																	0
Yowkwala																																	0
Work with other crew																																	0
Total Hours		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	0	119.5	

Days schedule off for crew: July break

Tacoma Hours
 Month: August Year: 2011

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															2																	2
Service Projects		10																								1						10
City Projects																													10	4		14
Ecology Hours																10								10								20
Esplanade			1								1																					2
Head of Thea Foss																							1									1
Hylebos																																0
Interviews																																0
Johnny's Dock																																0
Jordan-Hylebos																							5							1		5
Landfill Buffer															3	2		4														8
Log Step											1																					1
Meet w/CHB																																0
Middlewaterway City																8																8
Middlewaterway Simpson										3																						3
Middlewaterway Tldeflat		5						2	3		2												3									14
Mowitch																																0
North Beach		6		10				8	5	4					2															3		38
Olympic View															2																	2
Paperwork/Safety Meeting																																0
PCD Water Quality																																0
Puyallup River Side Channel			6							7								5														18
Thea Foss log/fence																																0
Skookum Wuldge			2												1														3	1		6
Squally															1															1		2
Surface/Storm Water																																0
Swan Creek											2											6	6		3				4	3		28
Tahoma Salt Marsh											1													5					1			7
Titlow Daylight																																0
Tool Maintenance			1								2							2							1				1			5
Visscher Rain Garden																																0
Yowkwala											2																					2
Work with other crew																																0
Total Hours	10	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	0	0	10	10	10	190

Days schedule off for crew

Tacoma Hours
 Month:September Year:2011

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																					5											5
Service Projects							3	6																		5						14
City Projects	2					4									4					6								4			18.5 20	
Ecology Hours											10	10	3	6					1	2		10					10				52	
Esplanade																			5													5
Head of Thea Foss																				1											0.5 1	
Hylebos																																0
Interviews																																0
Johnny's Dock																																0
Jordan-Hylebos	4						1																									4.5 5
Landfill Buffer																																0
Log Step																																0
Meet w/CHB																																0
Middlewaterway City																																0
Middlewaterway Simpson															3																	3
Middlewaterway Tideflat																																0
Mowitch																																0
North Beach																				2												1.5 2
Olympic View							2																									2
Paperwork/Safety Meeting																										3		3	3			9
PCD Water Quality																																0
Puyallup River Side Channel																				3	2											4.5 5
Thea Foss log/fence																																0
Skookum Wuldge													3									2							2			6.5 7
Squally							1																									1
Surface/Storm Water																																0
Swan Creek	5						3	4	4																				3			19
Tahoma Salt Marsh																					2											1.5 2
Titlow Daylight																																0
Tool Maintenance																										2		2	3			7
Vlsscher Rain Garden																																0
Yowkwala														2							2											4
Work with other crew																																0
Total Hours	10	0	0	0	0	10	10	10	0	0	0	10	10	8	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	158

Days schedule off for crew: 9/5 Labor Day
 :9/25-9/29 No crew

City of Tacoma

Customer: SCI100
Card: 101699
Truck: 101699
Ticket #: 765982
Date: 07/14/11
Time In: 10:25
Time Out: 10:36
Turnaround: 11
Operator: HT
Site: LF

Gr: 7120 Tr: 6800 NET:
Gr:1 Tr: 2
15 - City Com EV

TIP FEE: 26.00
SPEC FEE: 0.00
UTILITY TAX: 0.00
ADJ: 0.00
TOTAL FEE: \$26.00
TENDERED: 26.00

Payment:
1 - Charge \$26.00

NCTE: Skookum
wuldge

Signature: _____

\$26.00

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-05-01)	\$107.01	\$0.00	\$107.01
Site Maintenance (-05-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$144.24	\$0.00	\$144.24
Adaptive Maintenance (-05-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$251.25	\$0.00	\$251.25

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$743.87	\$0.00	\$743.87
\$0.00	\$1,122.15	\$1,122.15
\$3,341.50	\$0.00	\$3,341.50
\$153.42	\$318.28	\$471.70
\$4,238.79	\$1,440.43	\$5,679.22

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem	Cost elem name	Val. in \$	Empl./app. name	Partner Object
* 08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-04-01			107.01		
09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
	ENV-00371-08			57.52		
08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Tacoma Hours
 Month: August Year: 2011

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															2											1							2.5	
Service Projects		10																														10		
City Projects																												10	4			14		
Ecology Hours																	10							10								20		
Esplanade			1								1																					2		
Head of Thea Foss																							1									1		
Hylebos																																	0	
Interviews																																	0	
Johnny's Dock																																	0	
Jordan-Hylebos																							5							1			5.5	
Landfill Buffer															3	2		4															8.5	
Log Step											1																						0.5	
Meet w/CHB																																	0	
Middlewaterway City																8																	8	
Middlewaterway Simpson										3																							2.5	
Middlewaterway Tideflat		5						2	3	2													3										14.5	
Mowitch																																	0	
North Beach		6		10				8	5	4					2															3			28	
Olympic View															2																		2	
Paperwork/Safety Meeting																																	0	
PCD Water Quality																																	0	
Puyallup River Side Channel			6							7								5																17
Thea Foss log/fence																																	0	
Skookum Wuldge			2													1														3	1			6.5
Specialty															1																1		2	
Surface/Storm Water																																	0	
Swan Creek											2											6	6		3				4	3			28	
Tahoma Salt Marsh											1														5				1				7	
Titlow Daylight																																	0	
Tool Maintenance			1								2							2								1				1			5.5	
Visscher Rain Garden																																	0	
Yowkwala											2																						2	
Work with other crew																																	0	
Total Hours	10	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	0	0	10	10	10	190		

Days schedule off for crew

Tacoma Hours

Month:September Year:2011

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																					5												5
Service Projects							3	6																		5							14
City Projects	2					4									4					6									4			10.5	
Ecology Hours											10	10	3	6					1	2		10					10					52	
Esplanade																			5														5
Head of Thea Foss																				1													0.5
Hylebos																																	0
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos	4						1																										5
Landfill Buffer																																	0
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City																																	0
Middlewaterway Simpson								3																									3
Middlewaterway Tideflat																																	0
Mowitch																																	0
North Beach																				2													2
Olympic View						2																											2
Paperwork/Safety Meeting																										3		3	3				9
PCD Water Quality																																	0
Puyallup River Side Channel																				3	2												5
Thea Foss log/fence																																	0
Skookum Wuldge														3							2							2					5
Squally						1																											1
Surface/Storm Water																																	0
Swan Creek	5					3	4	4																					3				19
Tahoma Salt Marsh																					2												2
Titlow Daylight																																	0
Tool Maintenance																										2		2	3				7
Visscher Rain Garden																																	0
Yowkwala														2							2												4
Work with other crew																																	0
Total Hours	10	0	0	0	0	10	10	10	0	0	0	10	10	8	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	158	

Days schedule off for crew: 9/5 Labor Day

:9/25-9/29 No crew

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-06-01)	\$107.01	\$0.00	\$107.01
Site Maintenance (-06-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$0.00	\$0.00	\$0.00
Adaptive Maintenance (-06-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$107.01	\$0.00	\$107.01

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$849.96	\$0.00	\$849.96
\$0.00	\$90.88	\$90.88
\$3,413.68	\$0.00	\$3,413.68
\$102.28	\$538.98	\$641.26
\$4,365.92	\$629.86	\$4,995.78

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem.	Cost Elem. Name	Val. in BU	Empl./Appl. Name	Partner Object
* 08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-04-01			107.01		
* 09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
	ENV-00371-08			57.52		
08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-07-01)	\$185.26	\$0.00	\$185.26
Site Maintenance (-07-02)	\$0.00	\$10.00	\$10.00
WCC Crew (\$48.08/hr)	\$576.96	\$0.00	\$576.96
Adaptive Maintenance (-07-03)	\$98.98	\$0.00	\$98.98
Grand Total	\$861.20	\$10.00	\$871.20

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$1,513.92	\$0.00	\$1,513.92
\$46.05	\$65.50	\$111.55
\$11,337.00	\$0.00	\$11,337.00
\$716.63	\$84.00	\$800.63
\$13,613.60	\$149.50	\$13,763.10

Layout /SAP1
 Object PRJ ENV-00371 City's standard layout - DO NOT CHANGE
 Cost Element 5190000 To 5390000 Environmental Stewardship Proj
 Posting Date 07/01/2011 To 09/30/2011 Int-Labor from Proj...

Doc. Date	Object	Cost Elem	Cost elem name	Val in M	Emp./app. name	Partner Object
08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
*	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-04-01			107.01		
09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
*	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
*	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
*	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
*	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
*	ENV-00371-08			57.52		
08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
*	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
*	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
*	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
*	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem.	Int. Line Desc.	Val. in BU	Empl./App. Name	Partner Object
08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
*	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-04-01			107.01		
09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
*	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
*	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
*	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
*	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
*	ENV-00371-08			57.52		
08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
*	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
*	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
*	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
*	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Tacoma Hours

Month: July

Year: 2011

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													3							4
Service Projects											3																					25 ¹³
City Projects																										4						4
Ecology Hours									10									10	10	10	10										50	
Esplanade																																0
Head of Thea Foss												1																				1
Hylebos													8														9					16 ⁵ 17
Interviews																																0
Johnny's Dock																																0
Jordan-Hylebos																											1					1
Landfill Buffer																																0
Log Step																																0
Meet w/CHB																																0
Middlewaterway City												5																				4 ⁵
Middlewaterway Simpson																																0
Middlewaterway Tideflat																																0
Mowitch																																0
North Beach												2																				2
Olympic View																									5							4 ⁵ 6
Paperwork/Safety Meeting																																0
PCD Water Quality																																0
Puyallup River Side Channel																												2				2
Thea Foss log/fence																																0
Skookum Wuldge														3																		2 ³ 3
Squally																																0
Surface/Storm Water																																0
Swan Creek												9														6		8				23
Tahoma Salt Marsh																								2								2
Titlow Daylight																																0
Tool Maintenance																																0
Visscher Rain Garden																																0
Yowkwala																																0
Work with other crew																																0
Total Hours	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	0	119.5

Days schedule off for crew: July break

Tacoma Hours
 Month: August Year: 2011

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															2											1						2	
Service Projects		10																														10	
City Projects																												10		4		14	
Ecology Hours																10								10								20	
Esplanade			1								1																					2	
Head of Thea Foss																							1									1	
Hylebos																																0	
Interviews																																0	
Johnny's Dock																																0	
Jordan Hylebos																						5								1	5		
Landfill Buffer															3	2		4														8	
Log Step											1																					1	
Meet w/CHB																																0	
Middlewaterway City																8																8	
Middlewaterway Simpson										3																						3	
Middlewaterway Tideflat		5						2	3		2												3								14		
Mowitch																																0	
North Beach		6		10				8	5	4					2														3		38		
Olympic View															2																	2	
Paperwork/Safety Meeting																																0	
PCD Water Quality																																0	
Puyallup River Side Channel			6							7								5														18	
Thea Foss log/fence																																0	
Skookum Wuldge			2												1														3	1	6		
Squally															1																1	2	
Surface/Storm Water																																0	
Swan Creek											2											6	6		3				4	3	28		
Tahoma Salt Marsh											1													5					1		7		
Titlow Daylight																																0	
Tool Maintenance			1								2							2							1				1		5		
Visscher Rain Garden																																0	
Yowkwala											2																					2	
Work with other crew																																0	
Total Hours	10	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	0	0	10	10	10	190	

Days schedule off for crew

Tacoma Hours

Month:September Year:2011

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																					5												5		
Service Projects							3	6																		5							14		
City Projects	2					4									4						6								4			18.5			
Ecology Hours											10	10	3	6					1	2		10					10					52			
Esplanade																				5													5		
Head of Thea Foss																					1												0.5		
Hylebos																																		0	
Interviews																																		0	
Johnny's Dock																																		0	
Jordan Hylebos	4					1																											5		
Landfill Buffer																																		0	
Log Step																																		0	
Meet w/CHB																																		0	
Middlewaterway City																																		0	
Middlewaterway Simpson							3																											3	
Middlewaterway Tideflat																																		0	
Mowitch																																		0	
North Beach																				2														2	
Olympic View						2																												2	
Paperwork/Safety Meeting																										3		3	3					9	
PCD Water Quality																																		0	
Puyallup River Side Channel																				3	2													5	
Thea Foss log/fence																																		0	
Skookum Wuldge													3								2								2					5	
Squally						1																												1	
Surface/Storm Water																																		0	
Swan Creek	5					3	4	4																					3					19	
Tahoma Salt Marsh																						2													2
Titlow Daylight																																			0
Tool Maintenance																										2		2	3						7
Visscher Rain Garden																																			0
Yowkwala														2							2													4	
Work with other crew																																			0
Total Hours	10	0	0	0	0	10	10	10	0	0	0	0	10	10	8	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	158		

20

1

5

2

5

7

2

Days schedule off for crew: 9/5 Labor Day

:9/25-9/29 No crew

Jordan - Hylebos

City of Tacoma

Customer: SC1100
Card: 101699
Truck: 101699
Ticket #: 766341
Date: 07/14/11
Time In: 17:22
Time Out: 17:28
Turnaround: 6
Operator: TG
Site: LF

Gr: 7480 Tr: 7420 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: _____

\$10.00

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-08-01)	\$57.52	\$0.00	\$57.52
Site Maintenance (-08-02)	\$0.00	\$20.00	\$20.00
WCC Crew (\$48.08/hr)	\$625.04	\$0.00	\$625.04
Adaptive Maintenance (-08-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$682.56	\$20.00	\$702.56

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$639.85	\$0.00	\$639.85
\$0.00	\$255.92	\$255.92
\$5,860.82	\$0.00	\$5,860.82
\$51.14	\$1,958.36	\$2,009.50
\$6,551.81	\$2,214.28	\$8,766.09

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem.	Cost elem.name	Val in \$	Empl. appl name	Partner object
* 08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
* 09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-04-01			107.01		
* 09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
* 08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
* 08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
* 08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
* 08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
* 08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	98.98		ENV-00371-08-01
	ENV-00371-08			57.52		
* 08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
* 08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
* 08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
* 08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
* 08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Tacoma Hours

Month: July

Year: 2011

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													3							4	
Service Projects											3																					2.5	
City Projects																										4						4	
Ecology Hours										10								10	10	10	10										50		
Esplanade																																0	
Head of Thea Foss													1																			1	
Hylebos														8													9					16.5	
Interviews																																0	
Johnny's Dock																																0	
Jordan-Hylebos																											1					1	
Landfill Buffer																																0	
Log Step																																0	
Meet w/CHB																																0	
Middlewaterway City												5																				4.5	
Middlewaterway Simpson																																0	
Middlewaterway Tideflat																																0	
Mowitch																																0	
North Beach												2																				2	
Olympic View																									5							4.5	
Paperwork/Safety Meeting																																0	
PCD Water Quality																																0	
Puyallup River Side Channel																												2				2	
Thea Foss log/fence																																0	
Skookum Wuldge														3																		2.5	
Squally																																0	
Surface/Storm Water																																0	
Swan Creek													9													6		8				23	
Tahoma Salt Marsh																									2							2	
Titlow Daylight																																0	
Tool Maintenance																																0	
Visscher Rain Garden																																0	
Yowkwala																																0	
Work with other crew																																0	
Total Hours	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	0	119.5	

Days schedule off for crew: July break

Tacoma Hours

Month: August Year: 2011

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															2											1							2.5
Service Projects		10																														10	
City Projects																												10	4			14	
Ecology Hours																	10							10								20	
Esplanade			1								1																					2	
Head of Thea Foss																							1									1	
Hylebos																																0	
Interviews																																0	
Johnny's Dock																																0	
Jordan-Hylebos																							5							1		5.5	
Landfill Buffer															3	2		4														8.5	
Log Step											1																					0.5	
Meet w/CHB																																0	
Middlewaterway City																8																8	
Middlewaterway Simpson											3																					2.5	
Middlewaterway Tideflat		5						2	3	2													3									14.5	
Mowitch																																0	
North Beach		6		10				8	5	4					2														3			26	
Olympic View															2																	2	
Paperwork/Safety Meeting																																0	
PCD Water Quality																																0	
Puyallup River Side Channel			6							7								5														17	
Thea Foss log/fence																																0	
Skookum Wuldge			2												1														3	1		6.5	
Squally															1															1		2	
Surface/Storm Water																																0	
Swan Creek											2												6	6		3			4	3		27	
Tahoma Salt Marsh											1															5			1			7	
Titlow Daylight																																0	
Tool Maintenance			1								2							2								1			1			5.5	
Vischer Rain Garden																																0	
Yowkwala											2																					2	
Work with other crew																																0	
Total Hours	10	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	0	0	10	10	10	190	

Days schedule off for crew

Middle Waterways City

City of Tacoma

Customer: SCI100
 Card: 101699
 Truck: 101699
 Ticket #: 802159
 Date: 09/15/11
 Time In: 16:39
 Time Out: 16:47
 Turnaround: 8
 Operator: BH
 Site: LF

Gr: 7180 Tr: 7180 NET: 00
 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: _____

Middle Waterway-City

City of Tacoma

Customer: SCI100
 Card: 101699
 Truck: 101699
 Ticket #: 765288
 Date: 07/12/11
 Time In: 17:21
 Time Out: 17:28
 Turnaround: 7
 Operator: BH
 Site: LF

Gr: 7260 Tr: 7200 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: _____

\$20.00

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-09-01)	\$131.76	\$0.00	\$131.76
Site Maintenance (-09-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$288.48	\$0.00	\$288.48
Adaptive Maintenance (-09-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$420.24	\$0.00	\$420.24

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$736.50	\$0.00	\$736.50
\$0.00	\$930.48	\$930.48
\$1,454.33	\$0.00	\$1,454.33
\$51.14	\$2,265.91	\$2,317.05
\$2,241.97	\$3,196.39	\$5,438.36

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Post. Elem.	Cost elem name	Val in FC	Empl. empl name	Partner object
* 08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-04-01			107.01		
* 09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
	ENV-00371-08			57.52		
08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Tacoma Hours

Month: August Year: 2011

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															2											1						2.5
Service Projects		10																														10
City Projects																												10	4			14
Ecology Hours																10								10								20
Esplanade			1								1																					2
Head of Thea Foss																								1								1
Hylebos																																0
Interviews																																0
Johnny's Dock																																0
Jordan-Hylebos																							5							1		5.5
Landfill Buffer															3	2		4														8.5
Log Step											1																					0.5
Meet w/CHB																																0
Middlewaterway City																8																8
Middlewaterway Simpson										3																						2.5
Middlewaterway Tideflat		5						2	3		2													3								14.5
Mowitch																																0
North Beach		6		10				8	5	4					2														3			26
Olympic View															2																	2
Paperwork/Safety Meeting																																0
PCD Water Quality																																0
Puyallup River Side Channel			6							7								5														17
Thea Foss log/fence																																0
Skookum Wuldge			2												1														3	1		6.5
Squally															1																	2
Surface/Storm Water																																0
Swan Creek											2											6	6		3				4	3		28
Tahoma Salt Marsh											1														5				1			7
Titlow Daylight																																0
Tool Maintenance			1								2							2							1				1			5.5
Visscher Rain Garden																																0
Yowkwala											2																					2
Work with other crew																																0
Total Hours	10	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	0	0	10	10	10	190

Days schedule off for crew

Tacoma Hours
 Month:September Year:2011

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																					5												5
Service Projects							3	6																		5							14
City Projects	2					4									4						6								4			18.5	
Ecology Hours										10	10	3	6						1	2		10					10					52	
Esplanade																				5													5
Head of Thea Foss																					1												1
Hylebos																																	0
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos	4						1																										5
Landfill Buffer																																	0
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City																																	0
Middlewaterway Simpson								3																									3
Middlewaterway Tideflat																																	0
Mowitch																																	0
North Beach																				2													2
Olympic View							2																										2
Paperwork/Safety Meeting																										3		3	3				9
PCD Water Quality																																	0
Puyallup River Side Channel																				3	2												5
Thea Foss log/fence																																	0
Skookum Wuldge												3									2								2				5
Squally							1																										1
Surface/Storm Water																																	0
Swan Creek	5						3	4	4																				3				19
Tahoma Salt Marsh																						2											2
Titlow Daylight																																	0
Tool Maintenance																										2		2	3				7
Visscher Rain Garden																																	0
Yowkwala													2								2												4
Work with other crew																																	0
Total Hours	10	0	0	0	0	10	10	10	0	0	0	10	10	8	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	158	

Days schedule off for crew: 9/5 Labor Day
 :9/25-9/29 No crew

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-10-01)	\$107.01	\$0.00	\$107.01
Site Maintenance (-10-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$432.72	\$0.00	\$432.72
Adaptive Maintenance (-10-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$539.73	\$0.00	\$539.73

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$744.50	\$0.00	\$744.50
\$0.00	\$137.04	\$137.04
\$4,548.32	\$0.00	\$4,548.32
\$102.28	\$0.00	\$102.28
\$5,395.10	\$137.04	\$5,532.14

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem	Cost elem name	Val in \$	Empl / appl name	Partner object
* 08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-04-01			107.01		
* 09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
	ENV-00371-08			57.52		
* 08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
	ENV-00371-12			831.34		
* 08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Tacoma Hours

Month: July

Year: 2011

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													3								4
Service Projects											3																						25 ¹³
City Projects																										4							4
Ecology Hours										10							10	10	10	10													50
Esplanade																																	0
Head of Thea Foss												1																					1
Hylebos													8														9						16 ¹⁷
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos																											1						1
Landfill Buffer																																	0
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City												5																					4 ⁵
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowlitch																																	0
North Beach												2																					2
Olympic View																									5								2 ⁶
Paperwork/Safety Meeting																																	0
PCD Water Quality																																	0
Puyallup River Side Channel																												2					2
Thea Foss log/fence																																	0
Skookum Wuldge														3																			2 ³
Squally																																	0
Surface/Storm Water																																	0
Swan Creek												9														6		8					23
Tahoma Salt Marsh																								2									2
Titlow Daylight																																	0
Tool Maintenance																																	0
Visscher Rain Garden																																	0
Yowkwala																																	0
Work with other crew																																	0
Total Hours	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	0	119.5	

Days schedule off for crew: July break

Tacoma Hours

Month: August

Year: 2011

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															2											1						2.5	
Service Projects		10																														10	
City Projects																											10		4			14	
Ecology Hours																10								10								20	
Esplanade			1								1																					2	
Head of Thea Foss																								1								1	
Hylebos																																	0
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos																							5							1		5.5	
Landfill Buffer															3	2		4														8.5	
Log Step											1																						1.5
Meet w/CHB																																	0
Middlewaterway City																8																	8
Middlewaterway Simpson											3																						2.5
Middlewaterway Tideflat		5						2	3		2												3									14.5	
Mowitch																																	0
North Beach		6		10				8	5	4					2															3		28	
Olympic View															2																		2
Paperwork/Safety Meeting																																	0
PCD Water Quality																																	0
Puyallup River Side Channel			6							7								5															17
Thea Foss log/fence																																	0
Skookum Wuldge			2												1															3	1	6.5	
Squally															1																		2
Surface/Storm Water																																	0
Swan Creek											2												6	6		3				4	3	28	
Tahoma Salt Marsh											1															5				1			7
Titlow Daylight																																	0
Tool Maintenance			1								2							2								1				1		5.5	
Visscher Rain Garden																																	0
Yowkwala											2																						2
Work with other crew																																	0
Total Hours	10	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	0	0	10	10	10	190	

Days schedule off for crew

Tacoma Hours

Month:September Year:2011

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																					5											5	
Service Projects							3	6																		5						14	
City Projects	2					4									4						6								4			20	
Ecology Hours												10	10	3	6					1	2		10				10				52		
Esplanade																				5												5	
Head of Thea Foss																				1												1	
Hylebos																																0	
Interviews																																0	
Johnny's Dock																																0	
Jordan-Hylebos	4						1																									5	
Landfill Buffer																																0	
Log Step																																0	
Meet w/CHB																																0	
Middlewaterway City																																0	
Middlewaterway Simpson								3																								3	
Middlewaterway Tideflat																																0	
Mowitch																																0	
North Beach																				2												2	
Olympic View						2																										2	
Paperwork/Safety Meeting																										3		3	3				9
PCD Water Quality																																0	
Puyallup River Side Channel																				3	2											5	
Thea Foss log/fence																																0	
Skookum Wuldge													3								2							2				5	
Squally						1																										1	
Surface/Storm Water																																0	
Swan Creek	5					3	4	4																					3			19	
Tahoma Salt Marsh																					2											2	
Titlow Daylight																																0	
Tool Maintenance																										2		2	3				7
Visscher Rain Garden																																0	
Yowkwala													2								2											4	
Work with other crew																																0	
Total Hours	10	0	0	0	0	10	10	10	0	0	0	10	10	8	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0	158	

Days schedule off for crew: 9/5 Labor Day
:9/25-9/29 No crew

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-12-01)	\$107.01	\$0.00	\$107.01
Site Maintenance (-12-02)	\$0.00	\$0.00	\$0.00
WCC Crew (\$48.08/hr)	\$528.88	\$0.00	\$528.88
Adaptive Maintenance (-12-03)	\$0.00	\$724.33	\$724.33
Grand Total	\$635.89	\$724.33	\$1,360.22

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$715.75	\$0.00	\$715.75
\$0.00	\$308.32	\$308.32
\$3,617.93	\$0.00	\$3,617.93
\$0.00	\$986.56	\$986.56
\$4,333.68	\$1,294.88	\$5,628.56

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Date	Obj. Elem.	Cost Elem.	Cost Line Name	Val. in P.	Emp. / Appl. Name	Partner Object
08/10/2011	ENV-00371-03-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-03-01			156.50		
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	57.52		ENV-00371-04-01
08/30/2011	ENV-00371-04	5190000	Int-Labor from Proj	49.49		ENV-00371-04-01
09/28/2011	ENV-00371-04	5190000	Int-Labor from Proj	197.96		ENV-00371-04-03
*	ENV-00371-04			304.97		
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-04-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-04-01			107.01		
09/15/2011	ENV-00371-04-03	5195000	Act-Labor Regular	197.96	Desiree K Pooley	521600/P20930
*	ENV-00371-04-03			197.96		
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	57.52		ENV-00371-05-01
08/30/2011	ENV-00371-05	5190000	Int-Labor from Proj	49.49		ENV-00371-05-01
*	ENV-00371-05			107.01		
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-05-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-05-01			107.01		
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	57.52		ENV-00371-06-01
08/30/2011	ENV-00371-06	5190000	Int-Labor from Proj	49.49		ENV-00371-06-01
*	ENV-00371-06			107.01		
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-06-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-06-01			107.01		
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	86.28		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-01
08/30/2011	ENV-00371-07	5190000	Int-Labor from Proj	98.98		ENV-00371-07-03
*	ENV-00371-07			284.24		
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-07-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-01			185.26		
08/09/2011	ENV-00371-07-03	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-07-03			98.98		
08/30/2011	ENV-00371-08	5190000	Int-Labor from Proj	57.52		ENV-00371-08-01
*	ENV-00371-08			57.52		
08/09/2011	ENV-00371-08-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
*	ENV-00371-08-01			57.52		
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	57.52		ENV-00371-09-01
08/30/2011	ENV-00371-09	5190000	Int-Labor from Proj	74.24		ENV-00371-09-01
*	ENV-00371-09			131.76		
08/09/2011	ENV-00371-09-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/10/2011	ENV-00371-09-01	5195000	Act-Labor Regular	74.24	Desiree K Pooley	521600/P20930
*	ENV-00371-09-01			131.76		
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	57.52		ENV-00371-10-01
08/30/2011	ENV-00371-10	5190000	Int-Labor from Proj	49.49		ENV-00371-10-01
*	ENV-00371-10			107.01		
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830
08/09/2011	ENV-00371-10-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-10-01			107.01		
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	57.52		ENV-00371-12-01
08/30/2011	ENV-00371-12	5190000	Int-Labor from Proj	49.49		ENV-00371-12-01
08/01/2011	ENV-00371-12	5290000	Int-Mats from Proj	724.33		ENV-00371-12-03
*	ENV-00371-12			831.34		
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	57.52	Mary L Henley	521600/P20830

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem	Cost elem name	Val. in k\$	Empl./appl. name	Further object
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			107.01		
07/01/2011	ENV-00371-12-03	5210500	Landscape Equ & Sup	724.33		
*	ENV-00371-12-03			724.33		
08/30/2011	ENV-00371-13	5190000	Int-Labor from Proj	86.28		ENV-00371-13-01
08/30/2011	ENV-00371-13	5190000	Int-Labor from Proj	98.98		ENV-00371-13-01
*	ENV-00371-13			185.26		
08/11/2011	ENV-00371-13-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-13-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-13-01			185.26		
08/01/2011	ENV-00371-20	5390000	Int-Srvcs from Proj	8,728.29		ENV-00371-30-01
*	ENV-00371-20			8,728.29		
07/20/2011	ENV-00371-30-01	5310100	Professional Servs	8,728.29		
*	ENV-00371-30-01			8,728.29		
**				35,692.73		

Tacoma Hours

Month: July

Year: 2011

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													3								4
Service Projects											3																						28 ¹³
City Projects																										4							4
Ecology Hours										10								10	10	10	10											50	
Esplanade																																	0
Head of Thea Foss												1																					1
Hylebos													8														9						16.5 ¹⁷
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos																											1						1
Landfill Buffer																																	0
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City												5																					4.5 ⁵
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch																																	0
North Beach												2																					2
Olympic View																									5								4.5 ⁶
Paperwork/Safety Meeting																																	0
PCD Water Quality																																	0
Puyallup River Side Channel																													2				2
Thea Foss log/fence																																	0
Skookum Wuldge														3																			2.5 ³
Squally																																	0
Surface/Storm Water																																	0
Swan Creek												9														6		8					23
Tahoma Salt Marsh																									2								2
Titlow Daylight																																	0
Tool Maintenance																																	0
Visscher Rain Garden																																	0
Yowkwala																																	0
Work with other crew																																	0
Total Hours	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	0	119.5	

Days schedule off for crew: July break

Tacoma Hours
 Month: August Year: 2011

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															2											1						2.5	
Service Projects		10																														10	
City Projects																												10	4			14	
Ecology Hours																	10							10								20	
Esplanade			1								1																					2	
Head of Thea Foss																								1								1	
Hylebos																																0	
Interviews																																0	
Johnny's Dock																																0	
Jordan-Hylebos																							5							1		5.5	
Landfill Buffer															3	2		4														8.5	
Log Step											1																					0.5	
Meet w/CHB																																0	
Middlewaterway City																8																8	
Middlewaterway Simpson											3																					2.5	
Middlewaterway Tideflat		5						2	3		2													3								14.5	
Mowitch																																0	
North Beach		6		10				8	5	4					2														3			38	
Olympic View															2																	2	
Paperwork/Safety Meeting																																0	
PCD Water Quality																																0	
Puyallup River Side Channel			6							7								5															17
Thea Foss log/fence																																0	
Skookum Wuldge			2												1														3	1		6.5	
Squally															1																1	2	
Surface/Storm Water																																0	
Swan Creek											2												6	6		3			4	3		28	
Tahoma Salt Marsh											1														5				1			7	
Titlow Daylight																																0	
Tool Maintenance			1								2							2								1			1			5.5	
Visscher Rain Garden																																0	
Yowkwala											2																					2	
Work with other crew																																0	
Total Hours	10	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	0	0	10	10	10	190	

Days schedule off for crew

Tacoma Hours

Month:September Year:2011

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																					5											5			
Service Projects							3	6																	5							14			
City Projects	2					4									4					6								4				25			
Ecology Hours											10	10	3	6					1	2		10					10				52				
Esplanade																			5													5			
Head of Thea Foss																				1												1			
Hylebos																																	0		
Interviews																																	0		
Johnny's Dock																																	0		
Jordan-Hylebos	4						1																										5		
Landfill Buffer																																	0		
Log Step																																	0		
Meet w/CHB																																	0		
Middlewaterway City																																	0		
Middlewaterway Simpson								3																									3		
Middlewaterway Tideflat																																	0		
Mowitch																																	0		
North Beach																				2														2	
Olympic View						2																											2		
Paperwork/Safety Meeting																										3		3	3					9	
PCD Water Quality																																	0		
Puyallup River Side Channel																				3	2													5	
Thea Foss log/fence																																		0	
Skookum Wuldge													3								2							2						5	
Squally						1																												1	
Surface/Storm Water																																		0	
Swan Creek	5					3	4	4																					3					19	
Tahoma Salt Marsh																					2														2
Tittlow Daylight																																			0
Tool Maintenance																										2		2	3						7
Visscher Rain Garden																																			0
Yowkwala													2								2														4
Work with other crew																																			0
Total Hours	10	0	0	0	0	10	10	10	0	0	0	10	10	8	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0		158		

Days schedule off for crew: 9/5 Labor Day

:9/25-9/29 No crew

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem	Cost elem name	Val. in \$	Empl./appl name	Factory object
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			107.01		
07/01/2011	ENV-00371-12-03	5210500	Landscape Equ & Sup	724.33		
*	ENV-00371-12-03			724.33		
08/30/2011	ENV-00371-13	5190000	Int-Labor from Proj	86.28		ENV-00371-13-01
08/30/2011	ENV-00371-13	5190000	Int-Labor from Proj	98.98		ENV-00371-13-01
	ENV-00371-13			185.26		
08/11/2011	ENV-00371-13-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-13-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-13-01			185.26		
08/01/2011	ENV-00371-20	5390000	Int-Srvcs from Proj	8,728.29		ENV-00371-30-01
*	ENV-00371-20			8,728.29		
07/20/2011	ENV-00371-30-01	5310100	Professional Servs	8,728.29		
*	ENV-00371-30-01			8,728.29		
**				35,692.73		

Wabash Farms

Wabash Farms

Invoice

PO Box 291
31218 SE 408th
Enumclaw, WA 98022

111761

DATE 4/8/2011 INVOICE # 1420

BILL TO

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

Desiree Pooley

SHIP TO

To Tacoma Nursery
3510 South Mullen Road
Tacoma, WA 98409

Desiree (253) 502-2126

P.O. NUMBER TERMS REP SHIP VIA F.O.B. PROJECT

Net 30

4/8/2011

QUANTITY ITEM CODE DESCRIPTION PRICE EACH AMOUNT

Deliver to Tacoma Salt Marsh 1741 N. Schuster Parkway

221	PIMa10ci	10ci tube Plantago maritima / seaside plantain	0.90	198.90
42	DeCa10ci	4 ci tube Deschampsia caespitosa / tufted hairgrass	0.50	21.00
84	DiSp10ci	10ci tube Distichlis spicata var. spicata / seaside saltgrass	0.90	75.60
63	GrIng10ci	10ci tube Grindelia integrifolia / Puget Sound gumweed	0.90	56.70
124	ScMa10ci	10ci tube Scirpus maritimus / seacoast bulrush	0.90	111.60
221	ScAm10ci	10ci tube Scirpus americanus / three square bulrush	0.90	198.90
Subtotal				662.70
Sales Tax			9.30%	61.63

OK to pay
6/21/11
Desiree Pooley

PO45-288432

We appreciate your business!

ENV-00371-12-03

Total

\$724.33

Pr 10307325 6/29
PO 4520288432 7/1

MIG05000429761 7/1

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
Site Monitoring (-13-01)	\$185.26	\$0.00	\$185.26
Site Maintenance (-13-02)	\$0.00	\$65.50	\$65.50
WCC Crew (\$48.08/hr)	\$3,173.28	\$0.00	\$3,173.28
Adaptive Maintenance (-13-03)	\$0.00	\$0.00	\$0.00
Grand Total	\$3,358.54	\$65.50	\$3,424.04

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$976.63	\$0.00	\$976.63
\$51.14	\$1,373.83	\$1,424.97
\$22,818.36	\$0.00	\$22,818.36
\$255.70	\$2,310.60	\$2,566.30
\$24,101.83	\$3,684.43	\$27,786.26

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem	Cost Elem Name	Val in EA	Empl./appl. name	Further object
* 08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
	ENV-00371-12-01			107.01		
* 07/01/2011	ENV-00371-12-03	5210500	Landscape Equ & Sup	724.33		
	ENV-00371-12-03			724.33		
08/30/2011	ENV-00371-13	5190000	Int-Labor from Proj	86.28		ENV-00371-13-01
* 08/30/2011	ENV-00371-13	5190000	Int-Labor from Proj	98.98		ENV-00371-13-01
	ENV-00371-13			185.26		
08/11/2011	ENV-00371-13-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
* 08/11/2011	ENV-00371-13-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
	ENV-00371-13-01			185.26		
* 08/01/2011	ENV-00371-20	5390000	Int-Srvcs from Proj	8,728.29		ENV-00371-30-01
	ENV-00371-20			8,728.29		
* 07/20/2011	ENV-00371-30-01	5310100	Professional Servs	8,728.29		
	ENV-00371-30-01			8,728.29		
**				35,692.73		

Tacoma Hours

Month: July

Year: 2011

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													3								4
Service Projects											3																						28 ^B
City Projects																										4							4
Ecology Hours										10								10	10	10	10											50	
Esplanade																																	0
Head of Thea Foss													1																				1
Hylebos														8														9					16.5 ¹⁷
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos																												1					1
Landfill Buffer																																	0
Log Step																																	0
Meet w/CHB																																	0
Middlewaterway City													5																				4.5 ⁵
Middlewaterway Simpson																																	0
Middlewaterway Tideflat																																	0
Mowitch																																	0
North Beach													2																				2
Olympic View																										5							4.5 ⁶
Paperwork/Safety Meeting																																	0
PCD Water Quality																																	0
Puyallup River Side Channel																													2				2
Thea Foss log/fence																																	0
Skookum Wuldge														3																			2.5 ³
Squally																																	0
Surface/Storm Water																																	0
Swan Creek													9													6		8					23
Tahoma Salt Marsh																										2							2
Titlow Daylight																																	0
Tool Maintenance																																	0
Visscher Rain Garden																																	0
Yowkwala																																	0
Work with other crew																																	0
Total Hours		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	0	119.5	

Days schedule off for crew: July break

Tacoma Hours

Month: August Year: 2011

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															2											1							25
Service Projects		10																															10
City Projects																												10		4			14
Ecology Hours																	10							10									20
Esplanade			1								1																						2
Head of Thea Foss																								1									1
Hylebos																																	0
Interviews																																	0
Johnny's Dock																																	0
Jordan-Hylebos																							5								1		55
Landfill Buffer															3	2	4																85
Log Step											1																						05
Meet w/CHB																																	0
Middlewaterway City																8																	8
Middlewaterway Simpson											3																						25
Middlewaterway Tideflat		5						2	3	2													3										145
Mowitch																																	0
North Beach		6		10				8	5	4					2															3			38
Olympic View															2																		2
Paperwork/Safety Meeting																																	0
PCD Water Quality																																	0
Puyallup River Side Channel			6								7							5															17
Thea Foss log/fence																																	0
Skookum Wuldge			2												1															3	1		65
Squally															1																		2
Surface/Storm Water																																	0
Swan Creek											2												6	6		3				4	3		28
Tahoma Salt Marsh											1															5				1			7
Titlow Daylight																																	0
Tool Maintenance			1								2							2								1				1			55
Viisscher Rain Garden																																	0
Yowkwala											2																						2
Work with other crew																																	0
Total Hours	10	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	0	0	10	10	10	190	

Days schedule off for crew

Tacoma Hours

Month:September Year:2011

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																					5												5		
Service Projects							3	6																	5								14		
City Projects	2					4									4						6								4			18.5 20			
Ecology Hours										10	10	3	6						1	2		10					10					52			
Esplanade																			5														5		
Head of Thea Foss																				1												2.5 1			
Hylebos																																	0		
Interviews																																		0	
Johnny's Dock																																		0	
Jordan-Hylebos	4						1																										4.5 5		
Landfill Buffer																																		0	
Log Step																																		0	
Meet w/CHB																																		0	
Middlewaterway City																																		0	
Middlewaterway Simpson												3																						3	
Middlewaterway Tideflat																																		0	
Mowitch																																		0	
North Beach																				2														1.5 2	
Olympic View							2																											2	
Paperwork/Safety Meeting																										3		3	3					9	
PCD Water Quality																																		0	
Puyallup River Side Channel																				3	2													4.5 5	
Thea Foss log/fence																																		0	
Skookum Wuldge													3								2								2					5.5 7	
Squally							1																											1	
Surface/Storm Water																																		0	
Swan Creek	5					3	4	4																										19	
Tahoma Salt Marsh																					2													1.5 2	
Tittlow Daylight																																			0
Tool Maintenance																										2		2	3						7
Visscher Rain Garden																																			0
Yowkwala													2								2														4
Work with other crew																																			0
Total Hours	10	0	0	0	0	10	10	10	0	0	0	10	10	8	10	0	0	0	10	10	10	10	0	0	0	10	10	10	10	0	0		158		

Days schedule off for crew: 9/5 Labor Day
:9/25-9/29 No crew

Swan Creek

City of Tacoma

Customer: SCI100
 Card: 101699
 Truck: 101699
 Ticket #: 798178
 Date: 09/07/11
 Time In: 16:42
 Time Out: 16:49
 Turnaround: 7
 Operator: BH
 Site: LF

Gr: 7480 Tr: 7320 NET: 160
 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: _____

Swan Creek

City of Tacoma

Customer: SCI100
 Card: 101699
 Truck: 101699
 Ticket #: 782730
 Date: 08/11/11
 Time In: 10:18
 Time Out: 10:29
 Turnaround: 11
 Operator: BH
 Site: LF

Gr: 7120 Tr: 6840 NET: 280
 Gr:1 Tr: 2
 15 - City Com SW

TIP FEE: 19.50
 SPEC FEE: 0.00
 UTILITY TAX: 0.00
 ADJ: 0.00
 TOTAL FEE: \$19.50
 TENDERED: 19.50

Payment:
 1 - Charge \$19.50

NOTE:

Signature: _____

Swan Creek

City of Tacoma

Customer: SCI100
 Card: 101699
 Truck: 101699
 Ticket #: 765833
 Date: 07/13/11
 Time In: 17:01
 Time Out: 17:12
 Turnaround: 11
 Operator: KC
 Site: LF

Gr: 7300 Tr: 7120 NET: 1
 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: _____

Swan Creek

City of Tacoma

Customer: SCI100
 Card: 101699
 Truck: 101699
 Ticket #: 794569
 Date: 09/01/11
 Time In: 12:02
 Time Out: 12:08
 Turnaround: 6
 Operator: BH
 Site: LF

Gr: 7360 Tr: 7260 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: _____

Swan Creek

City of Tacoma

Customer: SCI100
 Card: 101699
 Truck: 101699
 Ticket #: 789941
 Date: 08/23/11
 Time In: 17:19
 Time Out: 17:23
 Turnaround: 4
 Operator: BH
 Site: LF

Gr: 7360 Tr: 7320 NET:
 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:

\$65.50

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

07/01/11 through 09/30/11

Project Task	Personnel Service	Supplies & Service	Grand Total
General Maintenance and Monitoring (-30)	\$0.00	\$8,728.29	\$8,728.29

Life to 09/30/11

Personnel Service	Supplies & Service	Grand Total
\$1,416.96	\$33,900.95	\$35,317.91

Layout /SAP1 City's standard layout - DO NOT CHANGE
 Object PRJ ENV-00371 Environmental Stewardship Proj
 Cost Element 5190000 To 5390000 Int-Labor from Proj...
 Posting Date 07/01/2011 To 09/30/2011

Doc. Date	Object	Cost Elem	Cost elem.name	Val. in USD	Empl./appl.name	Partner object
08/09/2011	ENV-00371-12-01	5195000	Act-Labor Regular	49.49	Desiree K Pooley	521600/P20930
*	ENV-00371-12-01			107.01		
07/01/2011	ENV-00371-12-03	5210500	Landscape Equ & Sup	724.33		
*	ENV-00371-12-03			724.33		
08/30/2011	ENV-00371-13	5190000	Int-Labor from Proj	86.28		ENV-00371-13-01
08/30/2011	ENV-00371-13	5190000	Int-Labor from Proj	98.98		ENV-00371-13-01
*	ENV-00371-13			185.26		
08/11/2011	ENV-00371-13-01	5195000	Act-Labor Regular	86.28	Mary L Henley	521600/P20830
08/11/2011	ENV-00371-13-01	5195000	Act-Labor Regular	98.98	Desiree K Pooley	521600/P20930
*	ENV-00371-13-01			185.26		
08/01/2011	ENV-00371-20	5390000	Int-Srvcs from Proj	8,728.29		ENV-00371-30-01
*	ENV-00371-20			8,728.29		
07/20/2011	ENV-00371-30-01	5310100	Professional Servs	8,728.29		
*	ENV-00371-30-01			8,728.29		
**				35,692.73		

CHB



105491

Date: July 14, 2011

Invoice: 002-2011

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

11/2/11

Contact: Jeanine Riss (253) 383-2429

RE: City of Tacoma Environmental Stewardship Project Community Assistance Program

For the periods of: April 1, 2011 – June 30, 2011

*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).

I hereby 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				
Employee: Bill Anderson				
Sub-Contractor Services:				
Labor Subtotal:	_____	_____	_____	\$
Task 1 Total	_____	_____	_____	\$

Task 2: Event Management and Coordination

Direct Labor:	Date	Hours	Rate	Amount Billed
Employee: Jeanine Riss				
Prep for Tahoma Salt Marsh Earth Day event	4/7/11	2	\$22.75	\$45.50
Visit Yowkwala-pre Earth Day scouting	4/7/11	1	\$22.75	\$22.75
Accept plant delivery	4/8/11	.5	\$22.75	\$11.37

Accept Honey Bucket delivery TSM	4/8/11	.5	\$22.75	\$11.37
Prep for TSM Earth Day event	4/8/11	2	\$22.75	\$45.50
Earth Day event at TSM	4/9/11	7	\$22.75	\$159.25
Prep for Earth Day event-Yowkwala	4/12/11	2	\$22.75	\$45.50
Pick up Earth Day donation Y	4/15/11	.75	\$22.75	\$17.06
Earth Day prep, pick up supplies Y	4/21/11	2	\$22.75	\$45.50
Accept dumpster delivery-Yowkwala	4/22/11	1	\$22.75	\$22.75
Prep for Earth Day event-Yowkwala	4/22/11	6	\$22.75	\$136.50
Earth Day event at Yowkwala	4/23/11	8	\$22.75	\$182.00
Arrange honey bucket-Swan Crk	5/3/11	.1	\$22.75	\$2.27
Accept honey bucket delivery-Swan Crk	5/6/11	.75	\$22.75	\$17.06
Swan Creek invasive removal event	5/7/11	7	\$22.75	\$159.25
Coordinate dumpster for Skookum	5/13/11	.1	\$22.75	\$2.27
Accept dumpster delivery-Skookum	5/20/11	1	\$22.75	\$22.75
Skookum ivy pull event	5/21/11	8	\$22.75	\$182.00
Skookum/Squally invasive removal event	6/27/11	6	\$22.75	\$136.50

Employee: Bill Anderson

Earth Day event at Yowkwala	4/23/11	2	\$39.00	\$78.00
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Sub-Contractor Services:

EarthCorps: Restoration services/volunteer management

TSM & Yowkwala Earth Day events	4/9/11 & 4/23/11	2 days		\$2357.50	—
Swan Crk & Skookum restoration events	5/7/11 & 5/21/11	2 days		\$2357.50	—

Labor Subtotal:

_____	_____	_____	_____	\$6060.15
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Task 2 Total

_____	_____	_____	_____	\$6060.15
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Task 3: Volunteer Recruitment & Education

Direct Labor:

Date	Hours	Rate	Amount Billed
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Employee: Jeanine Riss

Update website event calendar	4/1/11	.5	\$22.75	\$11.37
Education booth at Arbor Day Festival	4/2/11	3.5	\$22.75	\$79.62
Advertise through volunteer sites	4/5/11	1	\$22.75	\$22.75
Advertise through volunteer sites	4/21/11	1	\$22.75	\$22.75
Education booth at Children's Water Festival	4/28/11	4	\$22.75	\$91.00
Education booth at Farmer's Market	5/5/11	6	\$22.75	\$136.50
Advertise & update CHB website	5/26/11	2	\$22.75	\$45.50
Draft annual volunteer recruitment plan	6/7/11	1	\$22.75	\$22.75
Education presentation to Mountaineers-tour Yowkwala	6/25/11	1	\$22.75	\$22.75
BWET teachers workshop-tour of Commencement Bay and Yowkwala	6/28/11	7	\$22.75	\$159.25

Sub-Contractor Services:

Labor Subtotal:	_____	_____	_____	\$591.49
Task 3 Total	_____	_____	_____	\$591.49

Task 4: Bi-monthly Site Monitoring Events

Direct Labor:	Date	Hours	Rate	Amount Billed
Employee: Jeanine Riss				
Site visits-required month	4/9/11	1	\$22.75	\$22.75
Site visits-required month	4/23/11	1	\$22.75	\$22.75
Site visits-required month	4/29/11	7	\$22.75	\$159.25
Site visits-required month	6/9/11	2	\$22.75	\$45.50
Site visits-required month	6/16/11	4.5	\$22.75	\$102.37
Site visits-required month	6/17/11	2	\$22.75	\$45.50

Employee: Jessica Bryan (intern)

Site visits-required month	6/9/11	2	\$15.00	\$30.00
Site visits-required month	6/20/11	1	\$15.00	\$15.00

Sub-Contractor Services:

Labor Subtotal:	_____	_____	_____	\$443.12
Task 4 Total	_____	_____	_____	\$443.12

Task 5: Community Assistance Program Coordination & Reporting

Direct Labor:	Date	Hours	Rate	Amount Billed
Employee: Jeanine Riss				
ESP Meeting	4/5/11	1.5	\$22.75	\$34.12
Prep quarterly invoice/report	4/12/11	3	\$22.75	\$68.25
Prep quarterly invoice/report	4/13/11	6	\$22.75	\$136.50
Deliver quarterly report/drop off pickleweed	4/15/11	.25	\$22.75	\$5.68
Prep ESP report	4/30/11	5	\$22.75	\$113.75
ESP meeting	5/3/11	1.5	\$22.75	\$34.12
Prep ESP report	6/3/11	2	\$22.75	\$45.50
Prep ESP report	6/4/11	2	\$22.75	\$45.50
ESP meeting	6/7/11	1.5	\$22.75	\$34.12
Prep ESP report	6/23/11	2	\$22.75	\$45.50
Prep ESP report	6/24/11	2.5	\$22.75	\$56.87

Sub-Contractor Services:

Labor Subtotal:	_____	_____	_____	\$619.91
Task 5 Total	_____	_____	_____	\$619.91

Task 6: General Maintenance Work

Direct Labor:	Date	Hours	Rate	Amount Billed
Employee:				
Sub-Contractor Services:				
Labor Subtotal:	_____	_____	_____	_____
Task 6 Total	_____	_____	_____	_____

Direct Costs:

Restroom facility rental:	Date	Vendor	Rate	Amount billed
	Delivered			
Earth Day-TSM	4/9/11	Honey Bucket	\$115.00	\$115.00 ✓
Swan Creek	5/7/11	Honey Bucket	\$125.00	\$125.00 ✓
Skookum Wulge	5/21/11	Honey Bucket	\$125.00	\$125.00 ✓
Skookum/Squally	6/27/11	Honey Bucket	\$125.00	\$125.00 ✓
Restroom rental Sub-total:				\$490.00

Disposal expenses: **\$0.0**

Event Supplies:	Date	Amount
Food/beverages for Earth Day event s	4/7/11	\$100.68 ✓
Ice for Earth Day-Yowkwala	4/23/11	\$7.27 ✓
Food for Swan Crk event	5/6/11	\$8.42 ✓
Food for Swan Crk event	5/7/11	\$60.09 ✓
Food/beverages for Skookum event	5/20/11	\$7.00 ✓
Food for Skookum event	5/21/11	\$71.02 ✓
Food for Skookum/Squally event	6/25/11	\$9.89 ✓
Food/beverages for Skookum/Squally event	6/26/11	\$2.43 ✓
Food for Skookum/Squally event	6/26/11	\$52.69 ✓
Ice for Skookum/Squally event	6/27/11	\$6.76 ✓
Event Supplies Sub-total:		\$326.25

Mileage:	Total Miles	Rate	Amount billed
Jeanine Riss	391	\$0.51	\$197.37

Direct Cost Sub-total: **\$1013.62**

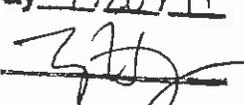
Invoice Total **\$8728.29**

As Per Contract #: PW09-0809F

Total Contract Amount: **\$84,925.24**

Currant Balance: **\$60,724.49**

S1000196242, DS000432158 7/20

Okay to Pay 7/20/11
 Approver: 
 PO45-258936