

State of California
Regional Water Quality Control Board
San Diego Region

EXECUTIVE OFFICER SUMMARY REPORT
November 12, 2008

ITEM: 12

SUBJECT: Resolution supporting the request for \$200,000 from the Cleanup and Abatement Account (CAA) submitted by the Unified Port District of San Diego (tentative Resolution No. R9-2008-0145) (*John Robertus*)

PURPOSE: Resolution R9-2008-0145 must be adopted by the Regional Board prior to submission to the SWRCB for consideration. The Board Members can approve, modify or deny to act on this matter. Adoption of the Resolution R9-2008-0145 will confirm support for the proposed project and the request for funding from the CAA funds.

PUBLIC NOTICE: Public notice requirements for this action are met by the promulgation of this matter as an agenda item included in the November 12, 2008 Board Meeting agenda.

DISCUSSION: San Diego Bay has historically been subjected to waste discharges from both shore-side sources and from boats, vessels and activities taking place on or over the water. There have been significant successful efforts to remove pollutants from the Bay including dredging and debris removal in locations where discharges have occurred within leaseholds or within limited areas. Portions of the Bay however that have open waters are more difficult to cleanup using regulatory authority since responsible parties are difficult to identify and be compelled to cleanup. For this reason the San Diego Unified Port District (Port District) has adopted a policy to cleanup specific open water areas using any available funding in order to restore these waters to full beneficial use.

The location in San Diego Bay designated as the A-8 Anchorage has long been a location where anchored boats and irresponsible owners have caused discharges of waste through willful acts and the eventual sinking of boats after abandonment. The Port District has aggressively acted in

recent years to remove the sunken boats and clear the area of bottom debris. They are nearly completed with this work, however the funding to complete the cleanup is not available. Accordingly the Port District has forwarded a request for \$200,000 to the Regional Board in hope that the additional funds can be secured from the Cleanup and Abatement Account. The State Water Resource Board must approve this request for use of CAA funds to help cleanup San Diego Bay A-8 Anchorage. The Port District will provide funds in the amount of \$50,000 toward this final phase of the work. There are currently no other approved sources of funds to accomplish the final phase of cleanup.

In order to ensure that the A-8 Anchorage area is not impacted by new discharges, the area has been secured and no longer used as a long term anchorage area. The Port District written request and supporting documents are attached in this report and Port District Staff are prepared to address concerns of the public or Board Members at the public meeting for this agenda item. The proposed project has been determined to meet the criteria for use of CAA funds.

KEY ISSUES:

Is the proposed project an appropriate use of CAA funds and does the Regional Board concur with the request for use of \$200,000 from the CAA fund for the intended use by the Port District

LEGAL CONCERNS:

None.

SUPPORTING DOCUMENTS:

1. Port District letter of September 23, 2008 with attached report by Merkel & Associates dated March 10, 2008.
2. Regional Board letter of October 16, 2008 to Port District.

RECOMMENDATION(S): Adopt Resolution R9-2008-0145.



John R.

3165 Pacific Highway, San Diego, CA 92101
P.O. Box 120488, San Diego, CA 92112-0488
619.686.6200 • www.portofsandiego.org

September 23, 2008

Via CERTIFIED MAIL

Mr. John H. Robertus, Executive Officer
Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

2008 SEP 25 P 1:08
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

SUBJECT: Regional Water Quality Control Board Cleanup & Abatement Account

Dear Mr. Robertus: *John*

The Port of San Diego (Port) is requesting your assistance in providing funding to help with the removal of debris in the A-8 Anchorage from your Cleanup & Abatement Account.

On October 1, 2008, the A-8 Anchorage will be closed to vessels for long-term free anchoring. Now that the anchorage is closed, the removal of marine debris from the anchorage needs to be completed. In December 2007, the entire A-8 Anchorage was surveyed with side-scan sonar. The total number of items of debris surveyed was 357. At that time, divers spent a week removing 3,300 pounds of environmental debris including 665 pounds of batteries, 10 tanks totaling 2,175 pounds, 6 small motors totaling 330 pounds (4 outboards, 1 generator, 1 leaf blower), and 136 pounds of electronics and mixed debris.

The Port is requesting your assistance to continue this marine debris removal program and finish the cleaning of the A-8 Anchorage. The use of divers is required to remove this remaining debris due to the sensitive nature of the material being removed and the large potential that it could fall apart once it is lifted. The project should also be completed prior to the nesting season for sensitive bird species, which begins in March 2009. The marine debris removal last December was made possible by a \$42,000 grant from the National Marine Fisheries Service Marine Debris Removal Program. The Port also has provided numerous staff resources and funding over the years to remove debris and derelict vessels from the Bay in the amount of \$9,015,979. The Port anticipates the cost to remove the remaining debris is \$200,000 and is requesting this funding from the San Diego Regional Water Quality Control Board's Cleanup & Abatement Account.

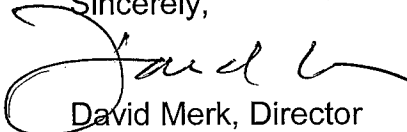
Attached is the side-scan sonar report indicating the amount of debris at the bottom of the A-8 Anchorage and the debris that was removed last December.

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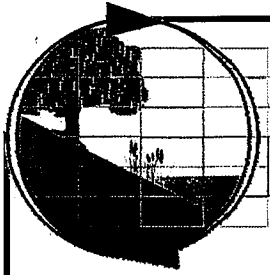
Mr. John H. Robertus
Page 2
September 23, 2008

Your prompt attention to our request is appreciated to complete this project before the next nesting season to protect the Bay's natural resources. If you have any questions, please do not hesitate to contact me at (619) 686-7239.

Sincerely,


David Merk, Director
Environmental Services

DM:rlg
Enclosure
File: A-8 Anchorage
Docs #315526



Merkel & Associates, Inc.

5434 Ruffin Road, San Diego, CA 92123

Tel: 858/560-5465 • Fax: 858/560-7779

e-mail: associates@merkelinc.com

March 10, 2008
M&A #06-049-06

Eileen Maher
San Diego Unified Port District
P.O. Box 120488
San Diego, CA 92112

Re: Debris removal at the San Diego Unified Port District's A-8 Anchorage

Dear Eileen:

This letter reports the findings of the second phase (Phase 2) of the program to search for and remove contaminated debris items at the A-8 Anchorage in central San Diego Bay (Figure 1). The first phase (Phase 1) of the search and removal effort occurred in June 2006 and covered 55% of the project area (M&A 2006). Prior to the Phase 2 work effort, 248 targets had been identified with side-scan sonar; 152 of those targets were surveyed during Phase 1.

For the present work, Merkel & Associates re-surveyed the entire project area with side-scan sonar. The results of the sonar survey revealed an additional 109 targets, bringing the total number of survey targets up to 357. In December 2007, Merkel & Associates (M&A) SCUBA divers surveyed the remaining 45% of the project area, along with the associated 96 targets remaining after completion of the Phase 1 work (Figure 2). Following this, the team proceeded to survey as many of the additionally identified targets as possible. It was not possible to survey all of the additionally identified targets. The team selected the largest and most likely targets to contain environmentally hazardous debris items. At each of the surveyed target sites, divers searched for items that caused sonar returns during the side-scan sonar survey. During their searches, the divers described the debris items observed. Special attention was given to any items that may have contained petroleum products or other contaminants. M&A divers and Port of San Diego General Services Divers removed an estimated 3,300 pounds of debris as of February 29, 2008. Most of the items removed were known or believed to contain petroleum products or other contaminants. As of this date, the General Services dive team is still working to further inspect and remove debris items from sites believed to still contain additional environmental debris items or to survey the additionally identified targets which could not be surveyed by the M&A team.

Removed items included 665 pounds of batteries, 10 tanks totaling 2,175 pounds, 6 small motors totaling 330 pounds (4 outboards, 1 generator, 1 leaf blower), and 136 pounds of electronics and mixed debris (refer to photo pages). Of the removed tanks, two were confirmed to contain at least a mixture of fuel.

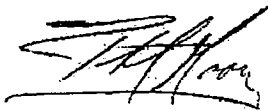
Removed items were placed within a 40-yard dumpster at the Pepper Park launch ramp. Ocean Blue Environmental Services provided sorting and disposal services for the recovered items and provided an emergency containment boom in the event of a petroleum spill.

In addition to the debris items that were removed, the dive team reported on numerous items that require further investigation. General Services currently has 44 targets to investigate. Some of these targets were surveyed by M&A and require further investigation to determine the nature of any potential environmental debris. Other remaining targets are simply small debris items identified on sonar that have not yet been surveyed with SCUBA. Finally, it should be noted that some of the targets identified during Phase 1 had been removed by General Services divers prior to initiating Phase 2. These targets were large vessels previously marked by General Services for removal. The removal of these vessels represents a significant improvement to the health of San Diego Bay but is not included in this report.

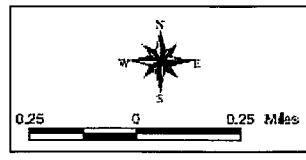
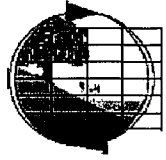
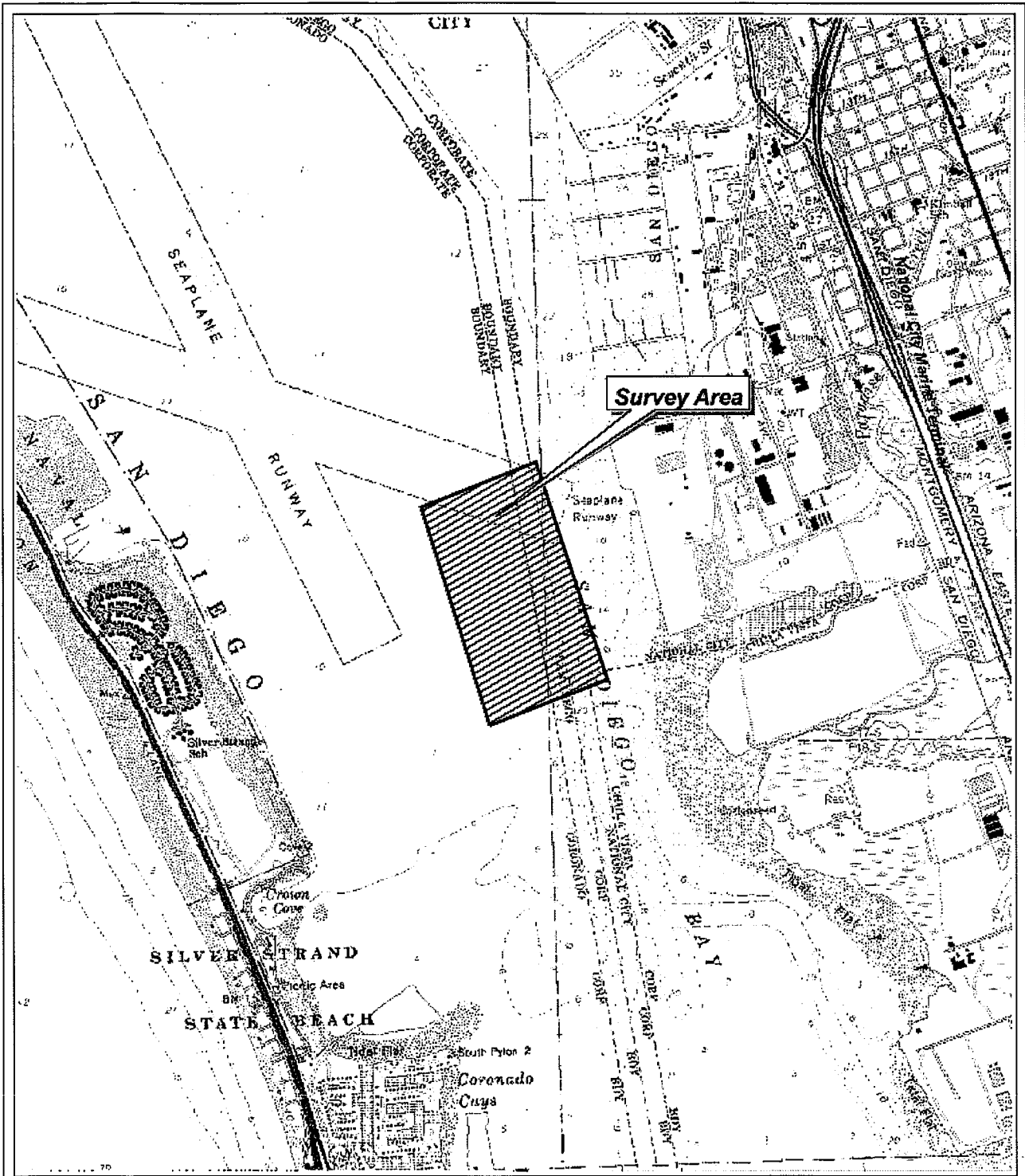
We believe that the debris removal program was a success. Numerous items were removed that presented an impediment to the environmental health of San Diego Bay. In addition to removing two tanks known to contain fuel, it is also likely that the recovered outboard engines and other small engines contained substantial quantities of petroleum products. Additionally, we believe that the 44 targets to be surveyed by General Services will continue to yield additional environmental debris items.

If you have questions regarding the information in this letter or require additional information, please contact me at 858-560-5465.

Sincerely,

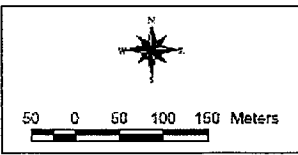
A handwritten signature in black ink, appearing to read 'R. Mooney', with a horizontal line underneath.

Robert Mooney
Senior Research Scientist



Project Vicinity Map
 San Diego Unified Port District
 A-8 Anchorage Debris Removal Project

Figure 1



Clean-up Status Map
San Diego Unified Port District
A-8 Anchorage Debris Removal Project

Figure 2

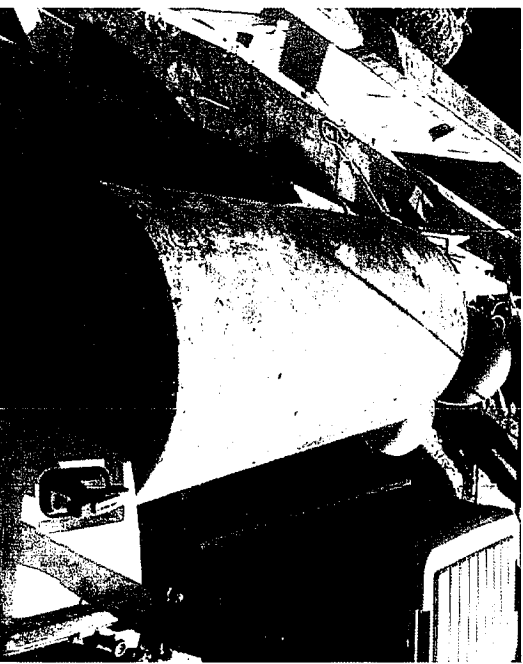
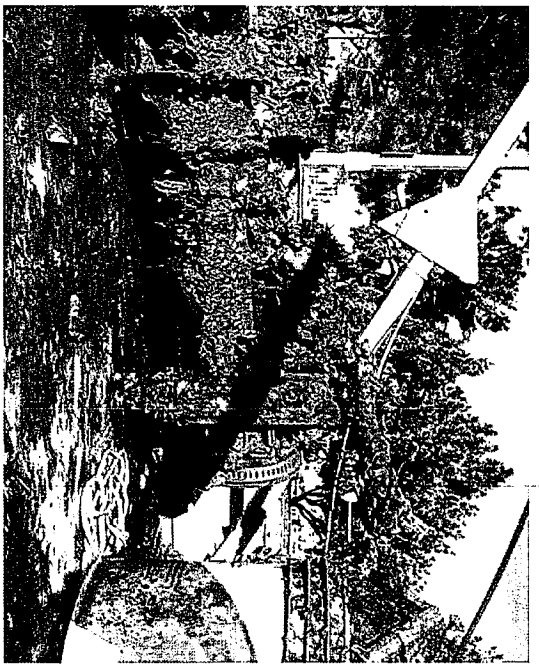


Photo Page 1. Environmental debris items recovered from the A-8 Anchorage in December 2007, large marine battery (upper left), outboard engine (upper right), miscellaneous debris including an outboard engine and battery (lower left), tank with unknown contents (lower right).

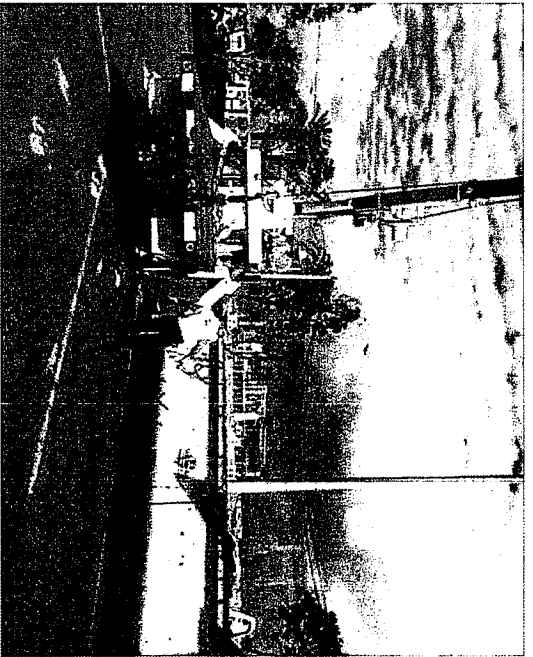


Photo Page 2. Photos taken during environmental debris removal from the A-8 Anchorage in December 2007, miscellaneous tanks with unknown contents (upper left), Port of San Diego staff transferring debris items into the temporary holding container (upper right), miscellaneous debris items including fuel cans, a battery, and small engine (lower left), seahorse (*Hippocampus ingens*) being returned to the water, lower right.

Community-based Restoration Program (CRP)

Expires 05/31/2009

Progress Report Narrative Format

I. Project Title

A-8 Anchorage Marine Debris Removal Project

II. Reporting Period (mm/01/yy - mm/dd/yy)

Semi-annual performance reports are required no later than 30 days following each 6-month period from the start date of the award; comprehensive final reports are due 90 days after the expiration of the award. Reporting periods start on the first day of a given month, and end on the last day of a given month.

03/01/08 – 08/31/08

III. Project Narrative (this section is required for the final comprehensive report only)

The project narrative should identify the *problems* that the project has addressed, describe short- and long-term *objectives and goals* and how they were met, and *explain the relevance* of the project to enhancing habitat and/or to benefiting living marine resources, including a description of any threatened or endangered species the project will benefit.

The A-8 Anchorage Marine Debris Removal Project consisted of:

Obtaining permits to conduct debris removal operations.

An assessment of the debris in the Anchorage using side-scan sonar discovered an additional 109 debris items. Divers identified the debris to determine if they pose any environmental hazards and if so, the debris was removed. Divers removed 3,300 lbs of environmental debris.

The project goals and objectives are:

Goal 1: Conduct an inventory and focused assessment of items identified in the Pilot Marine Debris Removal Program by September 30, 2007.

In December 2007, Merkel & Associates completed an inventory of the debris items at the bottom of the A-8 Anchorage and focus assessments of items identified in the Pilot Marine Debris Removal Program.

Objective: Remove an estimated 10,000 lbs of environmental marine debris from A-8 Anchorage by December 2007.

In December 2007, Merkel & Associates removed an estimated 3,300 lbs of environmental marine debris from A-8, including 665 lbs of batteries, 10 tanks totaling 2,175 lbs, 6 small motors totaling 330 lbs (4 outboards, 1 generator, 1 leaf blower), and 136 lbs of electronics and mixed debris.

In July 2008, the Port's General Services divers removed approximately 450 lbs of debris from A-8 including batteries, empty fuel tanks and electronic equipment.

In June 2008, an estimated 600 volunteers, including divers, removed 12.32 tons of debris from six locations around San Diego Bay including A-8 anchorage.

Objective: Educate boaters and the general public to preserve and protect San Diego Bay via marina inspections in the spring and fall of 2007; winter, spring, and summer of 2008; annual school partnership programs; Coastal Cleanup Day September 2007 and

September 2008; Operation Clean Sweep June 2008; and Creek to Bay Cleanup April 2008.

The Port conducted boater and general public environmental education via marina inspections which were conducted at the 26 marinas in the Bay in the fall of 2007 and winter of 2008, for a total of 2,724 Port staff hours. A boater environmental brochure was also developed and disseminated in the fall of 2007. Coastal Cleanup Day occurred September 15, 2007, in which 79 volunteers removed approximately 1.5 tons of debris within and along the shoreline of San Diego Bay.

In January 2008, Merkel & Associates removed an estimated 3.1 tons of debris including shopping carts and tires from south San Diego Bay, J St Marsh.

In February 2008, Aquatic Adventures working with 154 students removed 1,169 lbs of debris.

Creek to Bay Cleanup occurred on April 26, 2008, in which 23 volunteers removed 1.08 tons of debris downwind of the A-8 Anchorage.

Operation Clean Sweep occurred on June 7, 2008, in which an estimated 600 volunteers, including divers, filled ten 40 cubic yard dumpsters within and downwind of the A-8 Anchorage, for a total of 12.32 tons.

Thirty-three boater and general public environmental education events occurred during marina inspections that were conducted in May 2008.

Goal 2: This project will result in a decrease in the degradation of water quality that has been adversely affected by contaminated marine debris.

Objective: Enhance water quality by reducing the amount of marine debris in the project area by a minimum of 25% by December 15, 2007.

In December 2007, an estimated 3,300 lbs of debris was removed from the A-8 Anchorage.

In January 2008, Merkel & Associates removed an estimated 3.1 tons of debris including shopping carts and tires from south San Diego Bay, J St Marsh.

In February 2008, Aquatic Adventures working with 154 students removed 1,169 lbs of debris.

In April 2008, the Creek to Bay Cleanup removed 1.08 tons of debris.

In June 2008, volunteer divers removed 12.32 tons of debris from A-8 during Operation Clean Sweep.

In July 2008, Port divers removed an estimated 450 lbs of debris from A-8 Anchorage.

Objective: By December 31, 2009, close and vacate 100% of the A-8 Anchorage.

The Port is planning for the installation of additional mooring buoys to accommodate the boaters remaining in the A-8 Anchorage.

The Board of Port Commissioners on September 2, 2008, amended UPD code Sections 4.35 and 4.36 to eliminate free long-term anchoring in the A-8 Anchorage and no vessels will be allowed in the anchorage until all debris has been removed. This ordinance is effective October 1, 2008.

Objective: Remove all abandoned vessels and environmentally hazardous items remaining in the A-8 Anchorage by December 2010.

This will be accomplished in the next Phase of this cleanup project.

The removal of the marine debris is important to enhancing habitat and benefiting living marine resources by protecting the endangered California least tern and endangered western snowy plover who both forage in and near the anchorage area,

plus the endangered Eastern Pacific green sea turtle with a population of 60-80 individuals that live in south San Diego Bay. San Diego Bay is also home to an identified 79 species of fish and over 300 species of birds, all of which will benefit directly from the removal of environmental contaminants from the A-8 Anchorage.

IV. Methodology

Describe the methodology used to undertake on-the-ground activities during this reporting period to achieve the project goals and objectives, including the specific techniques and materials used.

In December 2007, Merkel & Associates resurveyed the entire A-8 Anchorage with side-scan sonar. The results of the sonar survey revealed an additional 109 targets bringing the total number of debris items and/or survey targets up to 357. Divers visually surveyed the remaining project area to determine what the largest and most likely targets to contain environmental hazardous debris. Special attention was given to any items that may have contained petroleum products or other contaminants. Once the survey items were identified visually, divers targeted items containing petroleum products or other contaminants to be removed culminating in an estimated 3,300 lbs of debris being removed.

In July 2008, the Port's General Services divers, working from a dive boat, removed approximately 450 lbs of debris from A-8 Anchorage, including batteries, empty fuel tanks and electronic equipment. The debris was either recycled or disposed of properly.

In February, April, and June 2008, an estimated 900 volunteers removed 14 tons of debris in and along the downwind shoreline.

V. Results/Progress to Date

Describe in sufficient detail the status of the project (planning/design, implementation, monitoring, complete) in terms of progress and results achieved during the reporting period. This should include information such as the actual acreage that were restored/enhanced/protected or created to date (cumulative), and how this measurement was determined; projected acreage yet to be restored with CRP funds; miles of stream that were opened or will be opened for fish passage; lessons learned during this reporting period; challenges or potential roadblocks to future progress; and an updated timeline of remaining tasks needed to complete project.

All permits were obtained to perform debris removal in the A-8 Anchorage in south San Diego Bay. Permits were obtained from the Army Corps of Engineers, Regional Water Quality Control Board, and Port of San Diego for CEQA and Coastal Development permit exemptions (attached). Debris removal was conducted in December 2007 using divers from Merkel & Associates and Port divers. The estimated 3,300 lbs of debris that was removed from San Diego Bay was all disposed of at a landfill. No items were able to be recycled.

This reporting period also included Coastal Cleanup Day. With the assistance of 79 volunteers, we were able to remove 1.5 tons of debris along the shoreline and within San Diego Bay. Marina inspections and boater environmental education activities also occurred during this time frame and totaled 2,874 staff hours. Marina inspections included walking the docks of all 26 marinas or visiting approximately 8,000 boat slips.

A boater's guide to safe and environmentally friendly boating on San Diego Bay was revised, printed, and distributed during this project time frame.

Two cleanup events occurred during this reporting period, including Creek to Bay Cleanup in April 2008 and Operation Clean Sweep in June 2008. Respectively 1.08 tons of debris and ten 40 cubic yard dumpsters were filled weighing 12.32 tons. Photos of the cleanup event and dumpster contents are attached.

In January 2008, Merkel & Associates removed an estimated 3.1 tons of debris, and in February 2008 Aquatic Adventures removed 1,169 lbs of debris. The Port divers removed an estimated 450 lbs of debris from the A-8 Anchorage in July 2008.

VI. Monitoring and Maintenance Activities

Describe any monitoring and maintenance that has taken place during the reporting period and/or procedures that are being used to evaluate the relative success of the project in achieving its goals and objectives. When will monitoring results become available?

All debris from Coastal Cleanup Day and debris removed from the A-8 Anchorage was weighed in order to calculate the total amount of debris removed. No other maintenance or monitoring activities occurred.

Debris removed from A-8, Creek to Bay, Operation Clean Sweep and at J St Marsh was weighed in order to calculate the total amount of debris removed, which is an estimated 18 tons of debris removed.

VII. Community Involvement

Describe community support and any public involvement in the project that has occurred during the reporting period, including the specific roles of volunteers in project activities.

Coastal Cleanup Day was on September 15, 2007; 79 volunteers helped remove 1.5 tons of debris from the shoreline downwind of the A-8 Anchorage and in the Bay. Items picked up included bags, balloons, beverage containers, clothing, food wrappers, straws, toys, bleach containers, buoys, crates, fishing lines, light bulbs, rope, batteries, tires, cigarettes, and fishing hooks. San Diego Oceans Foundation volunteer scuba divers removed beverage containers, plastic bags, food containers, clothing, tires, street signs, eyeglasses, and a BB gun from San Diego Bay.

In April 2008, June 2008, and September 2008, additional volunteers will perform debris removal during Creek to Bay Cleanup, Operation Clean Sweep, and California Coastal Cleanup Day. An estimated 400+ volunteers will assist with these cleanup events.

In February 2008, Aquatic Adventures working with 154 students removed 1,169 lbs of debris from south San Diego Bay.

Creek to Bay Cleanup was on April 26, 2008; 23 volunteers helped remove 1.08 tons of debris from the shoreline downwind of the A-8 Anchorage. Items picked up included plastic bags, beverage containers, clothing, food wrappers, straws, toys, crates, fishing lines, rope, batteries, and cigarettes.

Operation Clean Sweep was on June 7, 2008; an estimated 600 volunteers, including 40 divers on 5 boats, filled ten 40 cubic yard dumpsters weighing 12.32 tons. Cleanup locations included the A-8 Anchorage and the shoreline downwind. Items picked up included nearly 30 shopping carts, an anchor, a couch, hard hat, traffic sign, tires, child's Batman costume, machine parts, plastic bags, beverage containers, clothing, food wrappers, toys, buoys, crates, rope, batteries, cigarettes, and balls.

VIII. Outreach Activities

Describe any outreach or educational activities (e.g. training, brochures, videos, press releases or public events) related to the project that has occurred during the reporting period.

The Port revised and disseminated the San Diego Boater's Guide, a guide to safe and environmentally friendly boating on San Diego Bay. This brochure discusses how to preserve and protect San Diego Bay's natural resources.

The Port's environmental education program reached an estimated 500 students during this reporting period. An estimated 42,500 will be reached in the next reporting period. The Port's ongoing education program includes partnerships with seven elementary schools around San Diego Bay, where each grade level is provided an opportunity to learn about the habitats of San Diego Bay and how to protect Bay resources. These programs include pest management and pesticide reduction, wetlands restoration, history of the Bay, pollution prevention, watershed impacts, sea turtle education, and visits to a local aquarium and a local nature center. These programs focus on the impacts of pollution to San Diego Bay and pollution prevention, and target kindergarten through sixth grade.

A press release was issued by the Port of San Diego on November 6, 2007, highlighting the award of their marine debris removal grant from NOAA, National Marine Fisheries Service. This story was picked up by KNSD, a local NBC affiliate, which carried a news story and interviewed the divers during the removal of the debris. The Port also posted the project on our website and in our Chairwomen's Update Report for November 2007 (attached).

Operation Clean Sweep was highlighted twice on Fox 6 News in the Morning on May 23, 2008, and once during the evening news on May 22, 2008. The estimated audience was 60,000 residents of San Diego County. The event was also announced and reported on in the local San Diego Union Tribune and Navy Compass, a military paper (attached).

A total of 51,448 students in San Diego County were provided environmental education from March 1, 2008, to June 30, 2008, through the Port's environmental education program.

Activity	# of students
Aquatic Adventures- SEA Series Initiative	2,456
Wildcoast- Sea Turtle Education Program	452
The Green Machine- IPM Education Program	2,635
Resource Conservation District- Watershed Education Program	1,516
Chula Vista Nature Center- Field Trips	2,755
Aquatic Adventures- Wetland Avengers Field Trips	314
Maritime Museum of San Diego- Pilot Boat Program	913
Pro Peninsula- Sea Turtle Education Program	561
Project SWELL	40,000
High Tech High - Book Sponsorship	60
Habitat Heros	272
TOTAL	51,934

IX. Supporting Materials

Please include any supporting materials relating to the project, such as articles/news clippings, project photographs (before, during, and after--high resolution images on CD ROM are appreciated), project maps, related web sites, and evidence of NOAA Community-based Restoration Program support (e.g. photographs of signs at project sites, funding credit on outreach materials, press releases with complete program name, etc.)

Attached are the news articles, project photos, project maps, website stories, and NOAA support documentation. Also attached are photos from both cleanup events, Operation Clean Sweep and Creek to Bay.

X. Funding Information (Cash and In-kind)

- 1. Itemized Budget table (similar to example below) showing expenses incurred during the reporting period, for both NOAA funds and matching contributions, as follows. Budget categories should correspond to those described in the approved proposal.

For Progress Reporting Period:

Budget Category (e.g. personnel, supplies, contractual, etc.)	NOAA Funds	Matching Contributions	Total Expense	Nature (cash or in-kind) and Source of Match
Personnel	\$0	\$107,483	\$107,483	In-kind/Grantee
Supplies	\$0	\$3,911	\$3,911	Cash/Grantee
Contractor for debris removal/disposal	\$42,000	\$27,151	\$69,151	Cash/Grantee
Other items	\$0	\$155,212	\$155,212	In-kind/Grantee
Total	\$42,000	\$293,757	\$335,757	

- 2. Budget Narrative: Briefly describe expenditures by category and explain any differences between actual and scheduled expenditures. Include documentation of volunteer hours and in-kind donations.

BUDGET NARRATIVE

Implementation of the A-8 Anchorage Marine Debris Removal Project (Phase I) will involve a total budget of approximately \$246,469. Of this amount, the Port of San Diego received a NOAA Community-Based Marine Debris Prevention and Removal Project grant in the amount of \$42,000 or approximately 17% of the total Phase 1 budget.

Phase 1: Includes resurveying the site with side-scan sonar, diver focused assessment to determine the type of debris, and removal of debris items.

Total estimated project budget cost: \$246,469

The budget narrative below follows the sequence of the SF424A line items:

Personnel (Federal Share): \$-0-

Personnel (Non-Federal share): \$38,564 (100%), To date: \$107,483

Eileen Maher, Assistant Director of the Port's Environmental Services Department, has managed all aspects of this project including obtaining all the necessary permits required to complete this project.

The lead diver, Jim Jackson, directly supervised the six-member dive team. In conjunction with the Port's contractor, Merkel & Associates, Jim oversaw and participated in all marine debris removal activities for the project. The dive team used General Services' boat, the 34-foot dive boat *Phoenix* to remove debris.

Because an important component of the A-8 Anchorage project involves outreach, education and community involvement, the expertise of a Port Environmental Specialist was utilized. Kelly Makley has organized the education program for seven elementary schools. Kelly also participated in the creation and distribution of the *San Diego Bay Boaters Guide*, which discusses wildlife friendly boating practices (brochure attached).

As detailed by the table below, total personnel costs are budgeted at \$38,564. Total costs to date are \$93,826. The Port is contributing 100% of total personnel costs as a non-federal match.

Personnel Costs/Task	Completion	Hours	Budget
Marine Debris Removal			
Jim Jackson, Lead Diver	\$1,215	\$19.93 x 105 hrs	\$2,093
Rob Adkins, Diver 2	\$1,103	\$18.08 x 105 hrs	\$1,898
Bob Avila Diver 3	\$1,103	\$18.08 x 105 hrs	\$1,898
Dalton Petrie, Diver 4	\$1,000	\$16.40 x 105 hrs	\$1,722
David Roper, Diver 5	\$1,000	\$16.40 x 105 hrs	\$1,722
Tom Judd, Diver 6	\$1,000	\$16.40 x 105 hrs	\$1,722
Eileen Maher, Asst. Director, Environmental Svcs.	\$2,738	\$42.78/hr x 115hrs	\$4,920
Kelly Makley, Rachel Verhoeks, Environmental Education Program	\$5,229 \$3,058	\$25.01 x 516 hrs \$20.26 x 93 hrs	\$12,905
Environmental Interns: Marina Inspections & Cleanup Events: Matt Pendergraft, Steven Mateer, Heather D'Anna, Marshall Olson	\$13,532	\$11.65 x 214 hrs	\$2,495
Volunteers 79-Coastal Cleanup – 2007 23-Creek to Bay 600-Operation Clean Sweep	\$6,156 & Sept 2008 \$1,795 \$46,824	\$19.51/hr. national volunteer rate x 4hr. Coastal Cleanup: Creek to Bay Cleanup: Operation Clean Sweep:	\$1,091 \$726 \$1,365
Environmental Services staff (manage cleanup events) details attached	\$661	Coastal Cleanup: Creek to Bay Cleanup:	\$0
15 Maintenance Workers (detailed listing available/attached)	\$4,080	Operation Clean Sweep: 123.5hrs = \$2,369	\$2,369
Marine Ops & Harbor Police (Operation Clean Sweep) details attached	\$953	33 hrs	\$0
3 Maintenance Workers (detailed listing available/attached)	\$568 – Sept 2007 Sept 2008	Coastal Cleanup Day x2: 56hrs = \$1,092	\$1,092
3 Maintenance Workers	\$1,811	Creek to Bay Cleanup:	\$546

(detailed listing available/attached)		28hrs = \$546	
Total Non-Federal Share	\$93,826		\$38,564

Fringe Benefits (Federal Share): \$-0-

Fringe Benefits (Non-Federal Share): \$22,781 (100%), To date: \$13,657

Fringe benefits are detailed by rate for each staff person participating in this project. The fringe benefit rate was provided by the Port's Finance Department and represents 62.2% of Environmental staff's wages and 80.2% of General Services' wages or as otherwise stated. Fringe benefits include the costs of leave, employee health, life, short-term disability, workers compensation insurance, retirement, unemployment benefits, FICA, and authorized absences from the job (vacation, sick leave, holidays, jury duty and military leave). The hourly rate represents the mid-point of the employee's position/salary range. The Port proposes to contribute 100% of total fringe benefit costs as a non-federal match.

Fringe Benefits/Worker	Completion	Total Wages	Fringe Rate	Budget
Jim Jackson, Lead Diver	\$974	\$2,093 (105 hrs)	80.2%	\$1,679
Rob Adkins, Diver 2	\$896	\$1,898 (105 hrs)	80.2%	\$1,523
Bob Avila, Diver 3	\$896	\$1,898 (105 hrs)	80.2%	\$1,523
Dalton Petrie, Diver 4	\$786	\$1,722 (105 hrs)	80.2%	\$1,381
David Roper, Diver 5	\$786	\$1,722 (105 hrs)	80.2%	\$1,381
Tom Judd, Diver 6	\$786	\$1,722 (105 hrs)	62.2%	\$1,381
Eileen Maher, Assistant Director, Environmental Svcs.	\$1,703	\$4,920 (115 hrs)	62.2%	\$3,060
Kelly Makley, Environ. Specialist	\$3,252	\$12,905 (516 hrs)	62.2%	\$8,027
Environmental Interns	\$0	\$2,495 (214 hrs)	0%	\$0
Port Staff Volunteers: Paul Brown, Dave Bohn, Gil Garra, Tina Pierce, Tim Duel	\$0	Unpaid	0%	\$0
Environmental Services staff – Creek to Bay and Coastal Cleanup events.	\$468	26.5 hrs	70.8%	\$0
Maintenance Workers (15) (Operation Clean Sweep)	\$905	\$2,369 (123.5 hrs)	70.8%	\$1,680
Marine Ops & Harbor Police (Operation Clean Sweep)	\$675	33 hrs	70.8%	\$0
Maintenance Workers (3) (Coastal Cleanup Day)	\$1,128 Sept 2008	\$1,092 (56.0 hrs)	70.8%	\$764
Maintenance Workers (3) (Creek to Bay Cleanup)	\$402	\$546 (28.0 hrs)	70.8%	\$382
Total Non-Federal Share:	\$13,657			\$22,781

Travel (Federal and Non-Federal): \$-0-

Equipment (Federal and Non-Federal): \$-0-

Supplies (Federal): \$-0-

Supplies (Non-federal): \$2,333, To date: \$3,911

The Port will also incur costs for cleanup day supplies, use of the trash compactor truck, and for refilling the air tanks of the General Services' dive team, as detailed below:

Supplies/Task	Cost Itemization	Total
Port Education Program:	Coastal Cleanup Day supplies for Port and San Diego Oceans Foundation sponsored sites	\$150
12 air tanks refills/day x 15 days = 180 tanks/refills	\$3.00 each refill	\$216
Coastal Cleanup Day x2: \$350/day	Use of General Svcs. trash compactor 9/07, 9/08; port a pottie	\$830
Creek to Bay Cleanup	Use of General Svcs. trash compactor ; port a pottie	\$415
Operation Clean Sweep (General Svcs.):	stage; event supplies: waive park usage fees	\$2,300
Total Non-Federal Share:		\$3,911

Contractual (Federal): \$42,000

Contractual (Non-Federal): \$34,730, To date: \$69,151

The A-8 Anchorage Marine Debris Removal Project budget includes the services of contractors.

Contractual/Task	Federal Share	Non-Federal Share	Total
Marine Debris Removal- Merkel & Associates contractor to identify remaining items/removal and documenting	\$38,857	\$12,532	\$51,389
Marine Debris Disposal <ul style="list-style-type: none"> • Ocean Blue sort/transport environ debris: • Disposal of environ debris to proper disposal/recycling facility: 	\$3,143	\$4,266 \$702	\$8,111
Community Education Printing costs: "San Diego Boaters Guide"	\$0	\$9,651	\$9,651
Total Federal/Non-Federal:	\$42,000	\$27,151	\$69,151

Indirect Costs (Federal/Non-federal): \$-0-

Other (Federal): \$-0-

Other (Non-Federal): \$156,187, To date: \$155,212

The General Services' dive boat *Phoenix* was used for this project, in addition to the contractor's boat(s). Time charged for the boat is billed only when it is actually under power; hourly rate is \$150/hour.

As part of the Port's environmental education program, it is contributing \$10,000 each to the Port Tenants' Operation Clean Sweep, eco-tours sponsored by the Birch Aquarium at Scripps and San Diego Harbor Excursions, and to the San Diego Oceans Foundation "Oceans in Motion" environmental education program. The Port contributed \$13,000 for Operation Clean

Sweep which brought over 600 volunteers to the Bay for cleanup activities. Participants in the eco-tours will be educated about environmental issues in the Bay and how they can help prevent pollution. The Oceans in Motion program gives underserved youth an understanding of the ocean environment as well as an appreciation for its inhabitants through presentations with live animals.

In November 2007, an estimated 4,361 lbs of fishing gear and associated debris was removed from eight locations in San Diego Bay. The monofilament removed was estimated to total 647 miles in length. The Port contracted with Merkel & Associates to complete this project (see attached report).

In April 2008, the Port contributed \$1,000 to sponsor the Creek to Bay Cleanup event.

In July 2008, the General Services divers removed an additional 450 lbs of debris including batteries, fuel tanks and electronics. The dive boat was underway for 1.2 hours and the five divers put in an additional eight hours each to accomplish this debris removal.

Over 51,000 students were provided environmental education opportunities to learn about pollution prevention and the importance of wetlands and clean water.

In January 2008, Merkel & Associates removed 252 items of debris from the J St Marsh. Debris removed included 44 shopping carts, 2 bikes, 13 tires, 23 traffic cones, 8 trash cans, 1 school desk, 2 mattresses and other debris (see attached report).

In February 2008, Aquatic Adventures conducted 3 volunteer cleanup events at the J St Marsh. Aquatic Adventures provided an environmental tour of the wetlands with a total of 154 students. The students learned about wetlands and the impacts of marine debris prior to picking up 81 bags of debris, weighing 1,169 lbs.

Other Items	Completion	Cost Itemization	Non-Federal Cost
General Services Dive Boat	\$4,230	\$150/hour/4 hours day/15 days	\$9,000
General Services Work Boat	\$0	\$150/hour/4 hours day/15 days	\$9,000
Operation Clean Sweep	\$13,000	Financial Contribution	\$13,000
Birch Aquarium Eco-Tours	\$10,000	Financial Contribution	\$10,000
Monofilament Debris Removal at 8 Fishing Piers in San Diego Bay	\$57,457	Financial Contribution	\$58,187
SD Oceans Foundation environmental education program "Oceans in Motion"	\$10,000	Financial Contribution	\$10,000
Bay wide Fish Study	\$16,666	Financial Contribution	\$50,000
J Street Marsh Restoration	\$42,859	Financial Contribution	\$50,000
Creek to Bay Cleanup	\$1,000	Financial Contribution	\$1,000
Total (Non-Federal) Share	\$155,212		\$210,187

Summary

Total Federal Share:	\$42,000
To Date:	\$42,000
Total Non-Federal Share:	<u>\$204,469</u>
To date:	\$293,757
Total Estimated Budget Phase 1:	<u>\$246,469</u>

NOAA Restoration Center

OMB Approval No. 0648-0472

Community-based Restoration Program (CRP)

Expires 05/31/2009

Project Data Form

CONTACT INFORMATION

Contact Name: Eileen Maher

Contact Title: Assistant Director, Environmental Services

Organization (Grantee): San Diego Unified Port District

Street Address: 3165 Pacific Highway

City: San Diego State: California Zip: 92101

Phone: (619) 686-6532 Fax: (619) 686-6467

E-mail: emaher@portofsandiego.org

Organization website (if applicable): www.portofsandiego.org

PROJECT INFORMATION

Project Title: A-8 Anchorage Marine Debris Removal Project

Project Award Number: NA07NMF4630156 Project Reporting Period: 3/1/2008-8/31/2008

Project Location

City: National City

County: San Diego State: California Zip Code: 91950

Congressional District(s): 51st, 53rd

Landmark (e.g. road intersection, beach): 80 acre site, at terminus of Sweetwater Flood Control Channel

Land Ownership (check one): Public: Private: Both:

Geographic Coordinates (in decimal degrees, if readily available)

Longitude (X-coord): 117° 7' 44" Are there multiple project sites for this award?* Yes No

Latitude (Y-coord): 32° 39' 11"

River Basin: n/a

Geographic Identifier (e.g. Chesapeake Bay): San Diego Bay

Project Start Date: September 1, 2007 Project End Date: September 30, 2008

Project Volunteers

Number of Volunteers: 700 Volunteer Hours: 2800

- If multiple project sites are part of the same award, please duplicate this form and submit required information for each site.

Brief Project Description (1-2 sentences) describing project and what it hopes to accomplish:

Removal of contaminated and environmental debris items in the A-8 Anchorage (80 acres) in central San Diego Bay, including the San Diego Bay shoreline in South Bay.

List of Project Partners and their contributions (e.g. cash, in-kind, goods and services, etc.)

Project partners include Merkel & Associates providing debris removal, including in-kind services (\$11,195); Ocean Blue providing debris disposal and in-kind services (\$4,968); and San Diego Oceans Foundation provided 33 volunteer divers to remove debris in San Diego Bay during Coastal Cleanup Day in 2007.

Creek to Bay Cleanup had 23 volunteers removing debris.

The Port Tenants Association - Operation Clean Sweep had an estimated 600 volunteer's removing debris.

Aquatic Adventure had 154 students removing debris.

Merkel & Associates spent 2 days removing debris in January 2008

If permits are required, please list the permits pending and those acquired to date:

Permits were received from the Port of San Diego for both coastal development and CEQA exemptions. Letter of Permission from the Army Corp of Engineers was received October 11, 2007. Clean Water Act Section 401 Water Quality Certification was received from the Regional Water Quality Control Board on November 15, 2007.

RESTORATION INFORMATION- Please complete this section to the best of your ability. Information below will be confirmed via site visit or phone call by NOAA staff before the close-out of an award.

List the habitat type(s) and acres restored/enhanced/protected or created to date (cumulative) and remainder to be restored/enhanced/protected or created (projected) with CRP funds by the end date of the award. If the project restores fish passage, list the stream miles opened upstream and downstream for fish access. Actual and Projected columns should add up to the total(s) for acreage to be restored with CRP funds indicated in the approved proposal.

Habitat Type (e.g. tidal wetland, oyster reef, mangrove)	Actual Acres Restored (To date-cumulative)	Projected Acres (i.e. Remainder to be restored with CRP funds by award end date)	Actual Stream Miles Opened for Fish Access	Projected Stream Miles Opened for Fish Access (i.e. Remainder to be restored with CRP funds by award end date)
Open Water, San Diego Bay	80	n/a	n/a	n/a
Shoreline wetlands	30	100	n/a	n/a

What indirect benefits resulted from this project? (e.g. improved water quality, increased awareness/stewardship):

Water quality in San Diego Bay was improved by divers removing 3300 lbs of debris from the A-8 Anchorage, including 665 lbs of batteries, 10 tanks totaling 2175 lbs, 6 small motors totaling

330 lbs, 4 outboards, 1 generator, 1 leaf blower, and 136 lbs of electronics and mixed debris.

During Coastal Cleanup Day, volunteers are provided a brief history of the site and the importance of the work they're doing by removing debris along the shoreline and in the wetlands along San Diego Bay. 1.4 tons of debris was removed by volunteers during this event.

During Creek to Bay Cleanup, volunteers were provided a brief history of the site and the importance of the work they're doing by removing debris in the wetlands along San Diego Bay. 1.08 tons of debris was removed by volunteers during this event.

During Aquatic Adventures education and clean up, students learned about wetland plants and animals prior to removing debris.

List of species (fish, shellfish, invertebrates) benefiting from project (common name and/or genus and species):

- | | |
|-------------------------------------|-------------------------------|
| 1. Eastern Pacific green sea turtle | 6. California scorpion fish |
| 2. Northern anchovy | 7. English sol |
| 3. Pacific sardine | 8. California least tern |
| 4. Pacific mackerel | 9. Western snowy plover |
| 5. Jack mackerel | 10. Light-footed clapper rail |

MONITORING ACTIVITIES

List of monitoring techniques used (e.g. salinity, fish counts, vegetation presence/absence):

- | | |
|---|-----|
| 1. All garbage was weighed prior to disposal | 6. |
| 2. Bay wide fish study was conducted in April and August 2008 | 7. |
| 3. | 8. |
| 4. | 9. |
| 5. | 10. |

Report Prepared By: _____
Signature

Date

Please send semi-annual and final progress reports and supporting materials to:

NOAA Restoration Center F/HC3

1315 East-West Highway

Silver Spring, MD 20910

ATTN: NOAA Community-based Restoration Program Progress Reports

The Progress Report Narrative Format and Project Data Form are available on the NOAA Restoration Center website at:

http://www.nmfs.noaa.gov/habitat/restoration/projects_programs/crp/index.html. Electronic submissions are encouraged. Please submit electronic progress reports on PC compatible floppy disk or CD ROM in Microsoft Word, WordPerfect or PDF formats.

Be sure to save a copy of each report for your records; subsequent submissions of the Project Data Form need only add outstanding information, so that the form is completed in its entirety as part of the final comprehensive progress report.

Questions? Please call 301-713-0174 and ask to speak with NOAA Community-based Restoration Program staff

NOTICE

Responses to this collection are required of grant recipients to support the NOAA Community-based Restoration Program. The information provided will be used to evaluate the progress of the work proposed under the grant/cooperative agreement and determine whether the project conducted under the grant/cooperative agreement was successfully completed. Public reporting burden for completing the progress report narrative and project data form is estimated to average fifteen hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the information needed and completing and reviewing the collection of information. Responses to this information collection are required to retain funding provided by the NOAA Community-based Restoration Program. Confidentiality will not be maintained – the information will be available to the public. Send comments regarding this burden estimate or any other aspects of this collection of information, including suggestions for reducing this burden, to the NOAA Fisheries Office of Habitat Conservation, Restoration Division, F/HC3, 1315 East West Highway, Silver Spring, MD 20910.

Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number.

The information collected will be reviewed for compliance with the NOAA Section 515 Guidelines established in response to the Treasury and General Government Appropriations Act, and certified before dissemination.

Appendices

- Appendix A: Merkel & Associates Report, Debris Removal at A-8 Anchorage
- Appendix B: Army Corp of Engineers Permit
- Appendix C: Regional Water Quality Control Board, Clean Water Act 401 Certification
- Appendix D: Categorical Determination and CEQA Determination

- Appendix E: Coastal Cleanup Day Information
- Appendix F: Press Release and Articles
- Appendix G: A-8 Debris Removal Photos
- Appendix H: Boater's Brochure and Invoice
- Appendix I: Merkel & Associates Invoice
- Appendix J: Ocean Blue Invoice
- Appendix K: Port of San Diego Staff Time
- Appendix L: Diving Safety Manual
- Appendix M: Merkel & Associates Report, Monofilament Removal

Appendix for March 2008-August 2008 progress report:

- Appendix N: Creek to Bay Cleanup Information
- Appendix O: Operation Clean Sweep Information
- Appendix P: Operation Clean Sweep invoices
- Appendix Q: Aquatic Adventures - J St Marsh Restoration
- Appendix R: Merkel & Assoc. Telegraph Creek -Debris Removal Information
- Appendix S: Oceans Foundation invoice
- Appendix T: Operation Clean Sweep Photos
- Appendix U: Port Staff Time - March 2008-August 2008
- Appendix V: Creek to Bay Cleanup Photos



Linda S. Adams
Secretary for
Environmental Protection

California Regional Water Quality Control Board San Diego Region

Over 50 Years Serving San Diego, Orange, and Riverside Counties
Recipient of the 2004 Environmental Award for Outstanding Achievement from USEPA



Arnold Schwarzenegger
Governor

9174 Sky Park Court, Suite 100, San Diego, California 92123-4353
(858) 467-2952 • Fax (858) 571-6972
<http://www.waterboards.ca.gov/sandiego>

October 16, 2008

In reply refer to:
SWU:Ebecker

Ms. Eileen Maher
Assistant Director
Environmental Services Department
Port of San Diego
P.O. Box 120488
San Diego, CA 92112-0488

SUBJECT: California Regional Water Quality Control Board, San Diego Region's
Support of the Port of San Diego's Efforts to Remove Remaining Marine
Debris from the A-8 Anchorage in South San Diego Bay

Dear Ms. Maher:

The California Regional Water Quality Control Board, San Diego Region (Regional Board) would like to express our support for the Port of San Diego's (Port) efforts to remove remaining marine debris from the A-8 Anchorage in South San Diego Bay. The Regional Board is in support of the Port's requesting funding from NOAA's Marine Debris Prevention and Removal Project Grants Program.

The Port's proposed actions will benefit and enhance the water quality and beneficial uses of San Diego Bay. The debris to be removed, including fuel tanks, engines, batteries, and electronic waste are a significant source of pollutants to the bay, and the Regional Board supports the Port's actions to remove these sources.

The Regional Board requests that NOAA provide funding for this important grant program; and if you have any questions, please contact Eric Becker of my staff at (858) 492-1785.

Respectfully,

JOHN H. ROBERTUS
Executive Officer

JHR:ESB:

California Environmental Protection Agency

