

Semi-Annual Report: October 2016 –March 2017

The Morro Bay National Estuary Program has moved forward on completing new and ongoing tasks in the FY17 workplan. All workplans are approved by the Environmental Protection Agency and the Estuary Program’s Implementation and Executive Committees. The budget report below shows that our Section 320 expenses under the current grant in the first half of the fiscal year were \$103,492. As of March 31, we have expended 17% of our current 320 grant (started in FY12), with a remainder of approximately \$496,508. MBNEP has met 20% of its match requirement for the cumulative grant with cash match and estimated current in-kind contributions (at approximately \$183,133).

The Estuary Program requests EPA’s continued participation on the Executive Committee and assistance with meeting relevant administrative and programmatic grant conditions. During this reporting period, the Estuary Program continues to work to meeting the requirements of the final program evaluation letter, which was completed in the last fiscal year.

The following table summarizes activities completed during the semi-annual report period. Completed deliverables from the workplan are listed. Activities that will continue into the second half of FY17 are described in the “Pending Deliverables” section. Clean Water Act implementation roles for each task are also listed.

Table 1: Reporting on activities from past six months and planned for next six months

Goals and Tasks	Progress To Date and Deliverables Completed
5.1 Habitat & Water Quality Protection and Restoration	
Land Conservation (Ongoing Task)	<ul style="list-style-type: none"> • Objective: Conserve land to achieve Management Plan goals as opportunities arise. • Estuary Program continues to partner with the Land Conservancy on potential land conservation deals in the watershed. • Estuary Program coordinated with the Land Conservancy to provide support for a grant application to secure additional funding for conservation easements. • The Land Conservancy is currently working to develop easements with interested landowners. • NEP’s CWA Implementation Role: Significant contribution toward <i>Controlling Nonpoint Source Pollution (NPS) on a Watershed Basis</i>
Freshwater Flow (Ongoing Task)	<ul style="list-style-type: none"> • Objective: Identify projects in lower Chorro Valley and Camp San Luis Obispo area to promote water conservation. • Trout Unlimited (TU) began a project on San Luis Obispo County Office of Education property to improve a fish barrier and address a diversion. • Estuary Program continues to support a Central Coast Salmon Enhancement (CCSE) project with funding from a Prop 1 Wildlife Conservation Board grant to collect and analyze of streamflow data to assess conservation project effectiveness. • Pending Deliverables: <ul style="list-style-type: none"> ○ Project documents related to the TU effort, potentially including permits and plans. ○ Completed conservation easements, if warranted by landowner interest.

	<ul style="list-style-type: none"> • NEP's CWA Implementation Role: Significant contribution toward <i>Controlling Nonpoint Source Pollution (NPS) on a Watershed Basis</i> and support contribution toward <i>Strengthening Water Quality Standards</i>.
<p>Restoration Maintenance and Monitoring (Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Complete monitoring for conservation easements and restoration projects, as necessary. • Ongoing riparian fence program and conservation easement monitoring continued. • Post-project monitoring of stream flow and instream habitat in Pennington Creek to show effectiveness of water catchment system at Cal Poly. • Eelgrass monitoring for restoration bed condition and other variables. • Post-project monitoring of bacteria concentrations to show effectiveness of riparian fencing. • Post-project monitoring of road erosion prevention project sites. • Completed Deliverables: <ul style="list-style-type: none"> ○ Pre-project flow monitoring and analysis for Cal Poly Rainwater Harvesting System project. ○ Monthly memos with riparian fencing effectiveness data. ○ Ongoing photo documenting of Road Erosion Prevention Project. ○ Conservation easement monitoring for Maino ranch. ○ Project data submittal to NEPORT database. • Pending Deliverables: <ul style="list-style-type: none"> ○ Eelgrass restoration bed monitoring, to be conducted in fall of 2016. • NEP's CWA Implementation Role: Primary contribution toward <i>Improving Water Quality Monitoring and Controlling Nonpoint Source Pollution (NPS) on a Watershed Basis</i>.
<p>Eelgrass Restoration (Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Meet eelgrass restoration goals with plantings and partnership efforts. • Eelgrass restoration planting monitoring was conducted. • Conducted an experimental small-scale eelgrass planting effort in the spring to determine which planting methods, locations, etc. would be successful. Applied for permits, coordinated with partners. • Deliverables: <ul style="list-style-type: none"> ○ Monitoring protocol in partnership with Cal Poly. • Pending Deliverables: <ul style="list-style-type: none"> ○ Restoration bed condition monitoring report. ○ New data from Cal Poly/CDFW partnership. • NEP's CWA Implementation Role: Primary contribution toward <i>Controlling Nonpoint Source Pollution (NPS) on a Watershed Basis</i>.
<p>Chorro Creek Ecological Reserve Restoration Planning (Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Update restoration plans for the Chorro Creek Ecological Reserve to prepare for implementation. • Coordinate with CDFW and consultants to update planning, permitting and design for the project. • Seek additional funding for implementation phases of the project. • Deliverables: <ul style="list-style-type: none"> ○ 100% project designs • Pending Deliverables: <ul style="list-style-type: none"> ○ Required permits and surveys for restoration effort. • NEP's CWA Implementation Role: Primary contribution toward <i>Controlling Nonpoint Source Pollution (NPS) on a Watershed Basis</i>.
<p>Other Restoration Efforts (Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Engage in other restoration efforts that arise and help achieve Management Plan goals. • Participated in Tri-County Fish Team and San Luis Obispo Steelhead Initiative meetings. • Participated in public process for wastewater treatment facility in Morro Bay. • Participated in City of Morro Bay Harbor Advisory Board sub-committee for planning a boat haul-out facility.

	<ul style="list-style-type: none"> • Participated in City of Morro Bay Harbor Advisory Board subcommittees on eelgrass. • Conducted general outreach on invasive species as part of Estuary Program watershed tours and presentations. • Provided support to Coastal San Luis RCD for a bank stabilization project along a stretch of Los Osos creek. • Participated in Regional Water Management Group meetings and provided project recommendations to the County of San Luis Obispo. • Coordinated with SLO County and Caltrans on an upcoming project to replace the bridge on South Bay Boulevard. • Estuary Program supported an effort by the Los Osos Basin Management Committee (local groundwater management group) to analyze future climate change precipitation patterns and how predictions may affect the basin yield models for the Los Osos groundwater basin. The basin has flow connection to Los Osos Creek. • Completed Deliverables: <ul style="list-style-type: none"> ○ Documents and reports generated from these efforts, including planning and impact reports from the Morro Bay wastewater treatment facility project. • Pending Deliverables: <ul style="list-style-type: none"> ○ Final conservation planning document. • NEP's CWA Implementation Role: Primary contribution toward <i>Strengthening Water Quality Standards and Controlling Nonpoint Source Pollution (NPS) on a Watershed Basis.</i>
<p>Conservation and Restoration Project Development <i>(New Task)</i></p>	<ul style="list-style-type: none"> • Objective: To develop projects and funding for conservation and restoration. • Provided assistance with technical overview of plans for a wetland restoration project on Los Osos Creek. • Completed a pikeminnow management plan with input from a technical advisory committee. Conducted a removal effort in the Chorro Reservoir. Conducted planning and permitting for pikeminnow removal on Chorro Creek mainstem. • Completed Deliverables: <ul style="list-style-type: none"> ○ Submitted grant application for pikeminnow management project. ○ Completed pikeminnow management plan and final report from removal effort in the reservoir. • NEP's CWA Implementation Role: Primary contribution toward <i>Strengthening Water Quality Standards and Controlling Nonpoint Source Pollution (NPS) on Watershed Basis.</i>
<p>5.2 Environmental Monitoring and Research</p>	
<p>Monitoring Program Coordination <i>(Ongoing Task)</i></p>	<ul style="list-style-type: none"> • Objective: Continue coordination of Volunteer Monitoring Program and collect data that meets QAPP guidelines. • Ongoing monitoring in the watershed and estuary to track long-term ambient trends and project implementation effectiveness. • Estuary Program staff coordinated with CA Department of Public Health and local shellfish growers on monitoring related to toxic plankton blooms and bacteria. • Monitoring program staff continued a long-term partnership with Cuesta College, teaching two college laboratory and lecture sessions in oceanography. • Planning for 2017 macroinvertebrate data collection in the spring of 2017. • Completed Deliverables: <ul style="list-style-type: none"> ○ Updated monitoring protocols. ○ 2016 macroinvertebrate data. • NEP's CWA Implementation Role: Primary contribution toward <i>Improving Water Quality monitoring.</i> Significant contribution toward <i>Strengthening Water Quality Standards and Developing Total Maximum Daily Loads (TMDLs).</i>

<p>Monitoring Program Reporting and Analysis</p> <p>(Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Analyze data and share results with grantors, partners, local land owners, and the public. • Monthly bacteria reports have been completed and distributed on schedule. • Responses to data requests from regulatory agencies and private landowners are completed as requested. • Monitoring data was incorporated into the 303(d) update process for the Central Coast Regional Water Quality Control Board. • Conducted analysis of program data and partner data for inclusion in the State of the Bay environmental report card. • Completed Deliverables: <ul style="list-style-type: none"> ○ Monthly bacteria memos. ○ Data requests. ○ Water Board approval of proposed 303(d) list for Central Coast Region. ○ SOTB environmental report card analysis. • Pending Deliverables: <ul style="list-style-type: none"> ○ Monthly bacteria memos. • NEP's CWA Implementation Role: Primary contribution toward <i>Improving Water Quality monitoring</i>. Significant contribution toward <i>Strengthening Water Quality Standards</i> and <i>Developing Total Maximum Daily Loads (TMDLs)</i>.
<p>Monitoring Program Data Management</p> <p>(Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Maintain data in SWAMP-compatible format. • Data management work included ongoing maintenance of program data in a SWAMP-compatible data format and ongoing maintenance of program Quality Assurance (QA) data. • Submitted 2016 bioassessment data into CEDEN. • Submitted 2016 water quality and bacteria data into CEDEN. • Formatting of historic bioassessment data for inclusion in CEDEN. • Completed Deliverables: <ul style="list-style-type: none"> ○ Submitted data to CEDEN. • Pending Deliverables: <ul style="list-style-type: none"> ○ Continual submittal of data to CEDEN. ○ State of the Bay data analysis. • NEP's CWA Implementation Role: Primary contribution toward <i>Improving Water Quality monitoring</i>. Significant contribution toward <i>Strengthening Water Quality Standards</i> and <i>Developing Total Maximum Daily Loads (TMDLs)</i>.
<p>Monitoring Program Quality Assurance</p> <p>(Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Maintain an approved Quality Assurance Project Plan and implement necessary quality assurance methods. • Ongoing Quality Assurance (QA) activities, including analysis of replicate and split samples, equipment calibration, and maintenance of QA-related data in Access database. • Updated QAPP document and submitted to EPA Office of QA for review. Received approval on February 14, 2017, and QAPP was finalized. • Deliverable: <ul style="list-style-type: none"> ○ QA data managed in database. ○ Annual QAPP update submission to EPA. ○ Results of Sediment Lab Quality Assurance testing. • Pending Deliverables: <ul style="list-style-type: none"> ○ Management of QA activity data in database. • NEP's CWA Implementation Role: Primary contribution toward <i>Improving Water Quality monitoring</i>. Significant contribution toward <i>Strengthening Water Quality Standards</i> and <i>Developing Total Maximum Daily Loads (TMDLs)</i>.
<p>Project Effectiveness Monitoring</p> <p>(Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Complete monitoring to show project effectiveness for various restoration projects. • Maintained sediment sampling sites for annual monitoring. • Conducted upstream/downstream monitoring to assess the effectiveness of bacterial reductions on riparian fencing projects. • Conducted monitoring of freshwater seeps around the bay to assess impacts of recently completed Los Osos Wastewater Treatment Facility.

	<ul style="list-style-type: none"> • Conducted monitoring of eelgrass restoration beds. • Completed Deliverables: <ul style="list-style-type: none"> ○ Monthly bacteria memos. • Pending Deliverables: <ul style="list-style-type: none"> ○ Monitoring report for restoration bed monitoring. • NEP's CWA Implementation Role: Primary contribution toward <i>Improving Water Quality monitoring</i>. Significant contribution toward <i>Strengthening Water Quality Standards</i> and <i>Developing Total Maximum Daily Loads (TMDLs)</i>.
Eelgrass Monitoring and Research <i>(Ongoing Task)</i>	<ul style="list-style-type: none"> • Objective: Monitor eelgrass to determine distribution in the bay. • Completed fall round of eelgrass bed condition monitoring. • Coordinate with Cal Poly on research and monitoring efforts. • Conducted monitoring for experimental outplanting effort conducted in Spring 2017. • Developed scope and contract to conduct subtidal eelgrass mapping of the bay. Selected a contractor and coordinated the effort. • Began planning for bay-wide aerial flight to create a map of intertidal eelgrass in the bay. • Completed Deliverables: <ul style="list-style-type: none"> ○ Updated monitoring protocol and datasheets for bed condition monitoring and restoration bed monitoring. • Pending Deliverables: <ul style="list-style-type: none"> ○ Bed condition monitoring data. ○ Bay-wide map of subtidal eelgrass. • NEP's CWA Implementation Role: Primary contribution toward <i>Improving Water Quality monitoring</i>. Significant contribution toward <i>Strengthening Water Quality Standards</i> and <i>Developing Total Maximum Daily Loads</i>.
Partner Research Efforts <i>(Ongoing Task)</i>	<ul style="list-style-type: none"> • Objective: Support science partners in pursuing research efforts relevant to the goals of the Estuary Program. • Coordination and collaboration with Cal Poly, CDFW, NOAA, Southern California Coastal Water Research Project (SCCWRP), and other partners to research causes of eelgrass decline and related water quality issues. • Communicated with USGS researchers to learn more about monitoring efforts in the area. • Completed Deliverables: <ul style="list-style-type: none"> ○ Monitoring results and protocols for monitoring efforts. • Pending Deliverables: <ul style="list-style-type: none"> ○ Monitoring results and protocols for Cal Poly research projects. • NEP's CWA Implementation Role: Primary contribution toward <i>Improving Water Quality monitoring</i>. Support contribution toward <i>Strengthening Water Quality Standards</i> and <i>Supporting sustainable wastewater infrastructure</i>.
2.3 Public Participation, Education and Outreach	
Communications <i>(Ongoing Task)</i>	<ul style="list-style-type: none"> • Objective: Communicate with a variety of audiences using presentations, printed materials, online presence, social media, and other venues. • Weekly blog posted on website and social media platforms, and emailed to subscriber list. (List is currently 142 members.) • Regular website updates to share program news and upcoming events. • Seventeen presentations and field trips given, reaching 310 individuals. • Continued circulating the Clean Water pledge. We now have more than 750 pledges. • Continued to increase the number of followers of the Facebook page to 1,200 users. Continued to increase two-way communication with these users, as well as their participation in Estuary Program activities and projects. Estuary Program also maintained a Twitter feed that currently has 480 followers, and an Instagram feed that currently has 1,200 followers. • Created and distributed press releases for our public outreach events including the State of the Bay. The upcoming events were featured in news articles, local network news coverage, and a feature story in a local food magazine. The

	<p>events were also shared via community calendar, print ads, and distribution of posters and post cards with event information.</p> <ul style="list-style-type: none"> • Created new outreach materials for display in our Nature Center. • Completed Deliverables: <ul style="list-style-type: none"> ○ Blog posts. ○ Website and Facebook statistics. • Pending Deliverables: <ul style="list-style-type: none"> ○ Clean Water Pledge follow-up survey results. ○ FY16 Annual Report. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs.</i>
<p>Education (Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Develop formal education partnerships and services and continue to maintain the Nature Center and other education efforts. • Ongoing work to maintain the Nature Center and its exhibits continued in FY17. • Work continues on the Coastal Conservancy grant for creation of content for an app to draw visitors to the coast. App content is under development for local points of interest. • Nature Center Docent Program continued for its third summer season with a few docents beginning early in the spring and a few continuing on into the fall. From April through September, eight individual docents interacted with more than 490 visitors. • Four watershed model demonstrations completed in grades kindergarten through sixth, reaching 100 students. • Completed Deliverables: <ul style="list-style-type: none"> ○ Nature Center promotional materials and statistics. ○ Fieldtrip and talks statistics. ○ Video game for use on the Nature Center kiosk and the Estuary Program website. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs.</i>
<p>Nature Center Update (New Task)</p>	<ul style="list-style-type: none"> • Objective: Update the content and displays in the Nature Center. • Implementing grant from Harold J. Miozzi Charitable Trust to develop new educational content for our interactive touchscreen kiosk in our Nature Center and to move that content online so that it can be used outside of the Nature Center. Equipment purchased and content under development. Worked with a Cal Poly Capstone Project group to create a unique video game that teaches users about steelhead, their life cycle, and their habitat needs. • Pending Deliverables: <ul style="list-style-type: none"> ○ Nature Center kiosk updated materials in house and online. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs.</i>
<p>Community Grants (Ongoing Task)</p>	<ul style="list-style-type: none"> • Objective: Provide support for community projects that further the goals of the Management Plan and engage the community. • Nearing completion on a grant awarded for the creation of a short documentary film about the challenges facing Morro Bay and the formation of the Estuary Program. The film debuted at the San Luis Obispo Film Festival in March and won Best Documentary Short in the Central Coast Filmmaker Showcase. • Contact community groups to assist with project development and encourage them to apply for community grants. • Pending Deliverables: <ul style="list-style-type: none"> ○ Grant final reports. ○ Completed education materials from grant results. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs.</i>

<p>Outreach for Boating and Harbor Best Management Practices</p> <p><i>(Ongoing Task)</i></p>	<ul style="list-style-type: none"> • Objective: Conduct outreach to boaters about responsible waste disposal practices and other clean boating best management practices. • Engaged in focused outreach to live-aboard and boating organizations, in conjunction with partners such as the city of Morro Bay Harbor Department and the Morro Bay Coast Guard Auxiliary. • Updated educational materials for distribution and drafted a survey to gauge the effectiveness of those materials and the clean boating services offered in the bay. • Completed Deliverables: <ul style="list-style-type: none"> ○ Updated educational materials. ○ Survey, ready for administration. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs</i>.
<p>Bay Friendly Recreational Uses</p> <p><i>(Ongoing Task)</i></p>	<ul style="list-style-type: none"> • Objective: Support partner efforts to disseminate messages to the public about recreating on the bay while minimizing impacts to wildlife and other competing uses. • Support partner efforts to engage people on recreating while minimizing impacts to wildlife. • Draft survey to gauge public perception of and interest in kayak docent program. • Deliverables: <ul style="list-style-type: none"> ○ Statistics from outreach efforts. • Pending Deliverables: <ul style="list-style-type: none"> ○ Survey, ready for administration. State Parks data on wildlife interactions. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs</i>.
<p>State of the Bay Analysis and Planning</p> <p><i>(Ongoing Task)</i></p>	<ul style="list-style-type: none"> • Objective: Complete analysis and report planning for triennial State of the Bay report. • Completed compilation of data, development text, and review of layouts for 2017 State of the Bay report. Document was printed in Spring 2017 and distributed via hard copy and the Estuary Program website. • Conducted planning for triennial conference/event to share knowledge about the status of the estuary and watershed, to take place in April 2017. Contacted speakers, reserved venues, created promotional materials, and advertised the events. • Deliverables: <ul style="list-style-type: none"> ○ State of the Bay 2017 environmental report card and summary brochure. ○ Promotional materials for State of the Bay events. • Pending deliverables: <ul style="list-style-type: none"> ○ Statistics from State of the Bay outreach events. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs</i>.
<p>Other E&O Tasks/Community Partner Projects</p> <p><i>(Ongoing Task)</i></p>	<ul style="list-style-type: none"> • Objective: Support outreach projects in the community that further goals of the Management Plan. • Fourteen presentations and field trips given in and out of the watershed, reaching 753 individuals. • Completed Deliverables: <ul style="list-style-type: none"> ○ Completed presentation materials. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs</i>.
<p>2.4 Program Management</p>	
<p>Manage Committees and Build Partnerships</p> <p><i>(Ongoing Task)</i></p>	<ul style="list-style-type: none"> • Objective: Hold quarterly meetings and support partnerships. • Quarterly meetings of the Implementation Committee and Executive Committee were held throughout the fiscal year. When appropriate, working group meetings were also held prior to committee meetings. Membership was updated for both committees as needed. Staff coordinated guest speakers for the IC meetings and recruited new members.

	<ul style="list-style-type: none"> • Completed Deliverables: <ul style="list-style-type: none"> ○ Minutes, agenda, staff reports, and materials were completed for each meeting. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs</i>.
Grants and Contracts Administration and Financial Management <i>(Ongoing Task)</i>	<ul style="list-style-type: none"> • Objective: Develop workplan, administer grants, and complete annual financial management tasks. • FY17 work for this task included financial reporting, progress reports to the EPA and management conference, and attendance on ANEP conference calls and committees. • Worked with auditors to complete a federal single audit for the Estuary Program. • Completed Deliverables: <ul style="list-style-type: none"> ○ Monthly financial reports completed and approved by the Bay Foundation board. ○ ANEP conference calls were attended by Executive Director. ○ Biannual Executive Committee report. ○ Audit and taxes work. ○ Annual financial statements. ○ Attendance at ANEP meeting in New Orleans in December 2016. • Pending Deliverables: <ul style="list-style-type: none"> ○ FY18 Workplan and budget. ○ Attendance at ANEP meeting in DC in May 2017. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs</i>.
General Administration and Human Resources Management <i>(Ongoing Task)</i>	<ul style="list-style-type: none"> • Objective: Maintain accurate financial and human resource records and manage personnel. • MBNEP requires ongoing financial and administrative functions, including record keeping and filing, bookkeeping, equipment and office space upkeep, as well as interacting with the general public. In addition, the Director spends time managing staff performance and workplan progress. Other HR tasks include training, professional development, recruitment when applicable, and keeping all personnel policies and procedures up to date. • Hired Communications and Outreach Intern to support State of the Bay and other education efforts. • Completed Deliverables: <ul style="list-style-type: none"> ○ Up-to-date bookkeeping records. ○ Public friendly office space. ○ Orderly and properly operating office and field equipment. ○ Bi-weekly staff meetings. ○ Safety meetings held at least monthly. ○ Annual audited financial statements, including required Federal Single Audit. ○ Updated policies and procedures. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs</i>.
Tracking Implementation of the CCMP and Work Plan <i>(Ongoing Task)</i>	<ul style="list-style-type: none"> • Objective: Keep track of Workplan and Management Plan implementation. • Tracking progress on CCMP implementation is done through biannual reports to the Executive Committee and through NEPORT data submissions, and project management. • Completed Deliverables: <ul style="list-style-type: none"> ○ Biannual Executive Committee reports. ○ NEPORT data submitted. • NEP's CWA Implementation Role: Support contribution toward <i>all CWA core programs</i>.

Budget Overview

The following table describes costs incurred during the semi-annual report period and cumulative since the beginning of the current Section 320 grant (FY17). Match numbers do not include in-kind match.

Table 2: Costs expended during this semi-annual report period and cumulative since beginning of grant

Category	Subcategory	FY17 Period 1 320 Funds	FY17 Period 1 Cash Match	FY17 Period 1 TOTAL	Cumulative 320 Funds	Cumulative Cash Match	Cumulative TOTAL
Personnel	Salaries	\$58,736	\$20,598	\$79,334	\$58,736	\$20,598	\$79,334
	Fringe	\$8,206	\$0	\$8,206	\$8,206	\$0	\$8,206
	Management Conference	\$0	\$0	\$0	\$0	\$0	\$0
	<i>Subtotal</i>	\$66,942	\$20,598	\$87,540	\$66,942	\$20,598	\$87,540
Travel		\$2,114	\$0	\$2,114	\$2,114	\$0	\$2,114
Supplies	Computers, software	\$127	\$0	\$127	\$127	\$0	\$127
	Vehicle maintenance, fuel	\$94	\$0	\$94	\$94	\$0	\$94
	Monitoring supplies	\$489	\$92	\$581	\$489	\$92	\$581
	Misc. office supplies	\$127	\$0	\$127	\$127	\$0	\$127
	Rent	\$27,492	\$0	\$27,492	\$27,492	\$0	\$27,492
	Utilities	\$600	\$0	\$600	\$600	\$0	\$600
	<i>Subtotal</i>	\$28,928	\$92	\$29,020	\$28,928	\$92	\$29,020
Contractual	Audit/Taxes/Accounting	\$0	\$0	\$0	\$0	\$0	\$0
	Education and Outreach	\$323	\$8,000	\$8,323	\$323	\$8,000	\$8,323
	Monitoring and Research	\$0	\$809	\$809	\$0	\$809	\$809
	Restoration and Protection	\$345	\$106,039	\$106,384	\$345	\$106,039	\$106,384
	<i>Subtotal</i>	\$668	\$114,848	\$115,517	\$668	\$114,848	\$115,517
Other	Postage	\$124	\$0	\$124	\$124	\$0	\$124
	Copying, Printing	\$359	\$0	\$359	\$359	\$0	\$359
	Training, Prof. Dev.	\$110	\$0	\$110	\$110	\$0	\$110
	Telephone, Internet	\$3,029	\$0	\$3,029	\$3,029	\$0	\$3,029
	Repairs and Maintenance	\$1,218	\$0	\$1,218	\$1,218	\$0	\$1,218
	Insurance	\$0	\$0	\$0	\$0	\$0	\$0
	<i>Subtotal</i>	\$4,839	\$0	\$4,839	\$4,839	\$0	\$4,839
	TOTAL	\$103,492	\$135,539	\$239,031	\$103,492	\$135,539	\$239,031

Table 3 lists costs by program area and task. Match numbers do not include in-kind match.

Table 3: Detailed costs expended by program area and task

Program Area	Project	FY17 Period 1 320 Funds	FY17 Period 1 Match	FY17 Period 1 TOTAL	FY17 Overall TOTAL
Education and Outreach	Communications	\$0	\$0	\$0	\$0
	Community Projects	\$0	\$0	\$0	\$0
	Community Grants	\$0	\$5,000	\$5,000	\$5,000
	Education and Nature Center	\$0	\$0	\$0	\$0
	State of the Bay	\$0	\$0	\$0	\$0
	Other E&O Tasks	\$323	\$3,000	\$3,323	\$3,323
	<i>Subtotal</i>	\$323	\$8,000	\$8,323	\$8,323
Monitoring and Research	Benthic Invertebrate Monitoring	\$0	\$0	\$0	\$0
	Stats	\$0	\$0	\$0	\$0
	Water Quality Monitoring	\$0	\$0	\$0	\$0
	Eelgrass Monitoring & Analysis	\$0	\$902	\$902	\$902
	<i>Subtotal</i>	\$0	\$902	\$902	\$902
Habitat Protection and Restoration	Restoration & Conservation Planning	\$0	\$0	\$0	\$0
	Freshwater Flow	\$0	\$0	\$0	\$0
	Chorro Creek Ecological Reserve	\$345	\$102,871	\$103,216	\$103,216
	Restoration Project Maintenance	\$0	\$0	\$0	\$0
	Other Restoration	\$0	\$3,093	\$3,093	\$3,093
	<i>Subtotal</i>	\$345	\$105,964	\$106,309	\$106,309
Program Administration		\$0	\$0	\$0	\$0
	TOTAL	\$668	\$114,865	\$115,533	\$115,533