

Progress Report

Progress Report # 002

Reporting Period: July 1, 2006 to
October 31, 2006

Submittal Date: November 14, 2006

Agreement No: 05-230-55-0

Project Name: ASBS Planning Program - Integrated Coastal Watershed Management (ICWM) Plan

Contractor Name: City of Newport Beach

Program Director/Designated Representative: Dave Kiff /Robert Stein

Summary of Work Completed During This Reporting Period

<u>Task</u>	<u>Deliverable by Subtask #</u>	<u>Due Date</u>	<u>% of Work Complete</u>	<u>Date Submitted</u>
1.0 PAEP, Monitoring Plan, QAPP and CEQA	1.1 Project Assessment and Evaluation Plan	6/06	50%	
	1.2 Monitoring Plan	10/06		
	1.3 Quality Assurance Plan (in progress)	10/06		
	1.4 California Environmental Quality Act	2/07		
2.0 WORK TO BE PERFORMED BY GRANTEE				
2.1 Plan Preparation Activities (Consultant: Weston Solutions)	2.1.1 Gather Information (in progress)	5/06	33%	4/06
	2.1.2 ICWMP TAC meetings	6/06		
	2.1.3 Agency meetings	6/06		
	2.1.4 ICWMP timeline	6/06	100%	11/06
	2.1.5 Identify subcontractors	6/06		
2.2 Public Use Impact Report (Consultant: Coastal Resources)	2.2.1 Review Background Data and Reports (in progress)	6/06	5%	
	2.2.2 Public Use Report	8/07		
2.3 Urban Runoff Flow and Water Quality Assessment (Consultant: Weston Solutions)	2.3.1 Review baseline data (in progress)	5/06	95%	
	2.3.2 Review and collect water quality data (in progress)	6/06		
	2.3.3 Drainage Area Water Quality Assessment Reports	7/06		

2.4 Cross-Contamination Impacts (Consultant: Everest International Consultants)	2.4.1 Review previous Newport Coast and Laguna Beach watershed reports	8/06	5%	
	2.4.2 Review existing coastal watershed program, marine habitat sites and monitoring programs	8/06	5%	
	2.4.3 Establish range of loading rates for specific constituents	9/06		
	2.4.4 Review water quality data for CCA #69	8/06		
	2.4.5 Review sediment discharge data	8/06		
	2.4.6 Review longshore current and pollutant transport data	8/06		
	2.4.7 Pollutant Loading Report	10/06		
	2.4.8 Expand GIS database	2/07		
	2.4.9 Prepare the hydrodynamic and water quality model	11/06		
	2.4.10 Estimate typical currents using the model	12/06		
	2.4.11 Prepare a Particle Tracking Analysis	1/07		
	2.4.12 Draft Cross-Contamination Impact Report	2/07		
	2.4.13 Final Cross-Contamination Impact Report	3/07		
2.5 ASBS Research and Data Collection and Pilot Renovation Program (Consultants: Weston Solutions, UCI and Cal-State Fullerton)	2.5.1 Review data from other marine protection areas.	7/06	5%	
	2.5.2 Review flow and water quality report from the Cities of Newport Beach and Laguna Beach	7/06	5%	
	2.5.3 Define a toxicological study	8/06	30%	
	2.5.4 Conduct the toxicological study	5/07		
	2.5.5 Define ASBS baseline information. Prepare a monitoring mitigation plan (MMP). Define a comparison study with a reference ASBS			
	2.5.6 Implement MMP and Comparison Study	11/06		
	2.5.7 Define a Pilot Renovation Experiment	5/07		
	2.5.8 Implement a Pilot Renovation Experiment	9/07		
	2.5.9 Add ASBS's to Mineral Management Services tracking program			

2.6 Coordinate Elements into ICWMP (Consultant: Weston Solutions)	2.6.1 Develop metric	9/06	0%	
	2.6.2 Draft Integrated Coastal Watershed Management Plan (ICWMP)	1/08		
	2.6.3 TAC review of ICWMP			
	2.6.4 Final ICWMP	2/08		
2.7 CEQA Documentation and Permits (Consultants: Cal-State Fullerton and Weston Solutions)	2.7.1 Obtain list of required Permits	2/07	5%	
	2.7.2 Submit permits			
2.8 Community Outreach and Agency Training (City is the lead on this task)	2.8.1 Submit website information	10/07	25%	
	2.8.2 Public Forums	8/07		
	2.8.3 Training Manuals	12/07		

Introduction

The Work Plan is focused on identifying and quantifying those environmental impacts having the most deleterious effects on the water quality and habitat of the ASBS' and then preparing an Integrated Coastal Watershed management Plan (ICWMP) to mitigate these deleterious effects.

Report Summary for the Previous Period (January 2 to June 30 2006)

1. The City received notice that the agreement had been executed on May 16, 2006. The agreement start date is January 2, 2006.
2. A meeting, sponsored by Marine and Dominick Gregorio, was held in Santa Cruz on February 13, 2006 to discuss ASBS data available from the Marine Management Service.
3. A meeting was held with the Technical Advisory Committee (TAC) for the ASBS Planning program on April 17, 2006 to discuss the program tasks in detail and determine the best way to proceed.
4. A Request for Proposals (RFP) was sent out for the Newport Coast and Laguna Beach ASBS Protection Program: Cross Contamination Study (Task 2.4). Proposal due date was July 13, 2006.
5. A RFP was sent out for the Newport Coast and Laguna Beach ASBS Protection Program: Public Use & Biological Resources Surveys and Pilot Renovation and Long-Term Monitoring (Tasks 2.1.1, 2.2, 2.3 and 2.6). Proposal due date was July 13, 2006.

Work Accomplished this Period (July 1 to October 31, 2006)

Very good progress has been accomplished in kicking-off Work Plan tasks. A draft QAPP has been prepared and will be forward to the Board. Contracts have been awarded to the following consultants who will now be bringing in many trained professionals to work on most of the project task.

- Weston Solutions to perform the public use study, bioassay studies, bioaccumulation study and restoration monitoring,

- Everest International Consultants to perform a “cross-contamination” study to assess the potential impacts of pollutants within Newport Bay on the Newport Coast ASBS’s, and
- Cal-State Fullerton University to perform the pilot renovation project.

Task Accomplishments

This section describes specific tasks accomplished during this period.

Task 1.0 Project Assessment and Evaluation Plan, Monitoring Plan, Quality Assurance Project Plan and California Environmental Quality Act (Cumulative 5% complete)

A draft Quality Assurance Project Plan (QAPP) has been prepared for Public Use, Biological Surveys, Bioaccumulation and Restoration Monitoring. This QAPP is an addendum to the original Newport Coast Watershed QAPP. Weston Solutions is forwarding a copy of the QAPP addendum to the SWRCB grant manager for review. The QAPP includes the PAEP evaluation methodology. The Evaluation will be prepared at the end of the assessment.

Task 2.1 Plan Preparation Activities (Cumulative 5% complete)

Weston Solutions, as part of its new contract with the City, is gathering existing information on ASBS and will submit a list of studies in the next period.

Task 2.2 Public Use Impact Report (Cumulative 5% complete)

Under a competitive consultant process, Weston Solutions was selected to perform a Public Use Impact Study. Weston Solutions has, as a part of its team, hired Rick Ware of Coastal Resources to conduct the study. Coastal Resources has considerable experience performing marine studies in Newport Bay and along the coast of Orange County. Coastal Resources conducted the Treasure Island Public Use Study for the Montage Resort in Laguna Beach.

A meeting was held at Heisler Park last month with staff from the Cities of Laguna Beach and Newport Beach, Weston Solutions and Coastal Resources to discuss timing and coordination of the public use study at Little Corona, Morning Canyon Beach, Crystal Cove and Heisler Park. Based on the meeting, it was decided to survey two sites at Heisler Park in order to observe tidepool and fishing activities. Rick Ware is preparing the Work Plan for the Public Use Study and will be forwarded to the TAC and Board for review.

A review of existing reports, studies and other information is underway and a summary listing the researched material will be submitted in the next period.

Task 2.3 Urban Runoff Flow and Water Quality Assessment (Cumulative 5% complete)

Weston Solutions is reviewing ASBS water quality data and will be preparing a work plan for collecting flow and water quality data as well as performing bioassay and bioaccumulation studies.

Task 2.4 Cross Contamination Impacts (Cumulative 5% complete)

Everest International Consultants has been selected in a competitive consultant process to perform a “cross-contamination” study to assess the potential impacts of pollutants within Newport Bay on the Newport Coast ASBS’s. Everest is now conducting research activities.

Task 2.5 ASBS Research and Data Collection and Pilot Renovation Program (Cumulative 5% complete)

Weston Solution scope of work includes the ASBS Research and Data Collection (as well as the Public Use Study, bioassay studies and bioaccumulation study). Dr. Jayson Smith, Professor at Cal-State Fullerton, will be leading the Pilot Renovation Program to reintroduce rockweed in the ASBS at Little Corona. Weston will perform the restoration monitoring.

Task 2.6 Coordinate Elements into ICWMP (Cumulative 0% complete)

No work was performed on this task during this period.

Task 2.7 CEQA Documentation and Permits (Cumulative 5% complete)

As part of its Pilot Renovation Program, Cal State Fullerton will prepare a Mitigated Negative Declaration.

Task 2.8 Community Outreach and Agency Training (Cumulative 5% complete)

Bob Stein made a presentation entitled *Protection and Restoration of the Robert E. Badham ASBS: Implementing the Goals of the Ocean Protection Council Strategic Plan at Little Corona* at the California and the World Ocean conference held in Long Beach from September 17th to 20th. Bob also made a presentation on the proposed ASBS tasks to the City’s Environmental Quality Affairs Citizens Advisory Committee (October 16th). Bob will be making a presentation on ASBS’s to a UCI Coastal Ecology class in November.

Program Schedule

There are no changes to the project schedule.

Submitted by: _____ Date: _____

Attachments:

1. Weston Solution Contract dated August 8, 2006
2. Weston Solutions Amendment No. 1 dated October 24, 2006. (Council Memo included)
3. Everest International Consultants, Inc. contract dated August 8, 2006
4. Cal State Fullerton Contract with Council Memo (October 24, 2006)