

Regional Desalination Project

April 2011-
Monthly Progress Report



Prepared By: Regional Desalination Project Manager

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Section 1 Project Background

Introduction

The Regional Desalination Project (RDP), located in the Monterey Bay area of California, will replace existing Monterey Peninsula water supplies that are constrained by recent legal decisions and will provide a new water supply for redevelopment of the former Fort Ord. The RDP is being implemented through a Water Purchase Agreement, a 3-way partnership of the Marina Coast Water District (MCWD), the Monterey County Water Resources Agency (MCWRA), and the California-America Water Company (CAW). The overall purpose of each agency is:

- MCWD provides water service to the City of Marina and the former Fort Ord. MCWD acts on behalf of persons served to furnish water for beneficial use, to protect the groundwater underlying MCWD, and to conserve the water supply for future as well as present use.
- MCWRA's boundaries are coexistent with Monterey County's boundaries and MCWRA is responsible under the Agency Act to control groundwater extractions to prevent the loss of usable groundwater through intrusion of seawater, to replace groundwater through the development and distribution of a substitute surface supply, and to prohibit groundwater exportation from the Salinas Basin.
- CAW provides water service in various areas within California, including a service area in Monterey County, adjacent to MCWD Service Area and within the boundaries of MCWRA.

MCWD, MCWRA and CAW, individually and collectively, have determined that the Regional Desalination Project is the least costly of any proposed alternative projects, is the most feasible of those projects, and is in the best interests of the customers served by each of MCWD and CAW. The Parties have also determined that the Regional Desalination Project best conserves and protects public trust assets and resources.

The Regional Desalination Project will replace existing water supplies that are constrained by recent legal decisions affecting the Carmel River and Seaside Groundwater Basin water resources. Specifically, the State Water Resources Control Board (SWRCB) Order No. WR 95-10 (Order 95-10) and the Monterey County Superior Court adjudication of water rights in the Seaside Groundwater Basin reduce California American Water's (CAW's) use of its two primary sources of supply for the Monterey District and provide an immediate impetus for the Regional Desalination Project. In addition, the Regional Desalination Project will assist Marina Coast Water District (MCWD) in meeting their long-term obligations to supply potable water for approved redevelopment of the former Fort Ord area.

The Regional Desalination Project will extract a combination of seawater and brackish water, produce potable water, convey it to the existing MCWD and CAW distribution systems, and increase the system's use of storage capacity in the Seaside Groundwater Basin. The Regional

Desalination Project will consist of several distinct components: Brackish Source Water Wells and Brackish Source Water Pipeline; a Desalination Plant; brine disposal Outfall Facilities; Product Water Pipelines, storage facilities, and an aquifer storage and recovery (ASR) system.

Purpose and Need

The purpose of the Regional Desalination Project is to provide a replacement water supply for the Monterey Peninsula (defined as CAW's Monterey District Service Area) and a sustainable supply for approved redevelopment of the former Fort Ord area within MCWD's Ord Community Service Area that will:

- Reduce existing diversions from the Carmel River natural watercourse and withdrawals from the Seaside Groundwater Basin/aquifers;
- Reclaim seawater-intruded (brackish) water in the 180-Foot Aquifer of the Pressure Zone of the Salinas Valley Groundwater Basin, an impaired aquifer
- Improve and maintain the hydrologic balance of the Salinas Groundwater Basin;
- Protect listed species in the riparian and aquatic habitat below San Clemente Dam;
- Protect the local economy from the effects of an uncertain water supply
- Minimize water rate increases by creating a more sustainable and diversified water supply portfolio
- Implement a conjunctive-use project consistent with regional integrated resource management principles that will improve the Carmel River watershed and multiple groundwater basins; and
- Implement a project that promotes and applies a watershed perspective through a regional planning effort and collaborative partnership amongst the entities.

The primary objectives of the local agencies and CAW in developing the Regional Desalination Project are to:

- Satisfy CAW's obligations to meet the requirements of SWRCB Order 95-10;
- Diversify and create a reliable drought-proof potable water supply of 10,500 AFY;
- Protect the Seaside Basin for long-term reliability;
- Protect listed species in the riparian and aquatic habitat below San Clemente Dam;
- Protect the local economy from the effects of an uncertain water supply;
- Minimize water rate increases by creating a diversified water supply portfolio;
- Satisfy MCWD's obligations to provide a water supply adequate to meet the demand associated with approved redevelopment of the former Fort Ord;

- Satisfy Monterey County Water Resources Agency's (MCWRA's) obligation to maintain hydrologic balance of the Salinas Groundwater Basin;
- Satisfy MCWRA's obligation to protect agricultural water users' utilization of water resources;
- Maximize funding opportunities through regional cooperation; and
- Integrate urban, agricultural and environmental objectives.

Section 2 Description of Regional Desalination Project

Per the Water Purchase Agreement, the Project includes two general categories of facilities characterized by public versus private ownership:

- The **Project Facilities** will be owned and operated by the public agencies (MCWD, MCWRA, and MRWPCA)
- The **CAW Facilities** will be owned and operated by CAW.

Collectively, these constitute the Regional Desalination Project and include Brackish Source Water Wells, Brackish Source Water Pipeline, Desalination Plant; brine discharge Outfall Facilities; Product Water Pipelines and storage facilities; and an aquifer storage and recovery system (ASR). The overall RDP components are illustrated on Figure 1 and summarized in Table 1. The Project Facilities, which will be funded by the Private Activity Bonds, are described in more detail following Table 1.

Figure 1: Project Components

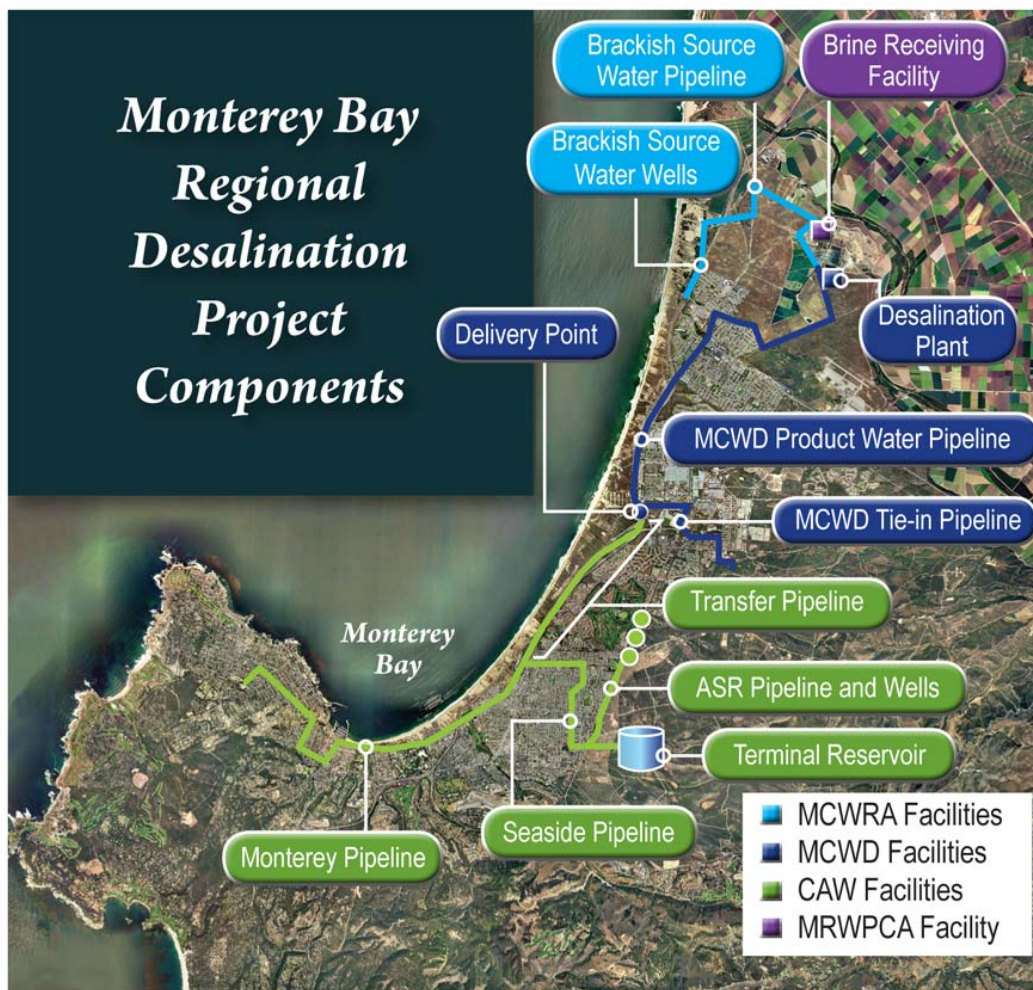


Table 1. Overview of the Regional Desalination Project Components

Project Component	Description	Ownership
Project Facilities		
Brackish Source Water Wells	Between one and five vertical wells drilled in the 180-Foot Aquifer and between one and five slanted seawater intake wells, for a total of six source water wells. Vertical wells will be located west of Highway 1 between the coastal dunes and Highway 1. Source water will be approximately 85% seawater and 15% seawater-intruded groundwater. Final well configuration to be determined based on Test Well Program.	MCWRA
Brackish Source Water Pipeline	25,000 linear feet (LF) of 36 to 42-inch pipe conveying the source water from the wells to the Desalination Plant.	MCWRA
Desalination Plant	Reverse osmosis treatment plant with a peak production rate of 10 million gallons per day (mgd). On-site facilities include treatment processes, clearwells, brine storage tank, distribution pump station, brackish water meter, product water meter, and non-process structures.	MCWD
MCWD Outfall Facilities and MRWPCA Outfall Facilities	A pipeline for brine conveyance from the Desalination Plant to the outfall headworks (2,500 LF of 36-inch diameter pipeline) and modifications to the existing MRWPCA outfall pipeline, including a new Brine Receiving Facility for monitoring, metering, mixing, and sampling the brine and combined effluent.	MCWD (pipeline) MRWPCA (Brine Receiving Facility)
MCWD Product Water Pipeline	A pipeline for conveyance of product water from the Desalination Plant to Delivery Point (31,000 LF; 36-inch)	MCWD
MCWD Tie In Pipeline	A pipeline for conveyance of product water from the Delivery Point to MCWD Reservoir B and/or C (12,500 LF; 24-inch)	MCWD
CAW Facilities		
Transfer Pipeline	A pipeline for conveyance of product water from the Delivery Point to the western terminus of Auto Center Parkway near Del Monte (15,000 LF; 36-inch)	CAW
Seaside Pipeline	A pipeline for conveyance of product water from the Western terminus of Auto Center Parkway to the Terminal Reservoir (13,000 LF; 36-inch)	CAW
Monterey Pipeline	A pipeline for conveyance of product water from the Western terminus of Auto Center Parkway to Eardley Pump Station, including Presidio of Monterey portion (28,700 LF; 36-inch)	CAW
Terminal Reservoirs and Associated Facilities	Two, 3-MG reservoirs, 130 feet in diameter, and overflow - retention/infiltration basin.	CAW
ASR System	Two ASR injection/extraction wells and a monitoring well located at Fitch Park, a pump station at the Terminal Reservoir site, pipelines along General Jim Moore Blvd. between the new ASR wells and the existing ASR wells near Coe Ave., and an ASR Pump-to-Waste System (including pipelines and a settling basin) currently proposed for the ASR well sites.	CAW
Valley Greens Pump Station	3-mgd capacity, four 25-hp pumps on 800 square foot area.	CAW
<i>Note: Pipeline lengths are approximate.</i>		

Section 3 Project Cost Estimate and Schedule

Cost Estimate

The Water Purchase Agreement establishes a project Cost Cap for the Regional Desalination Project. The summary of the Cost Cap and the CAW facilities can be seen in Table 2 below. Project costs will be monitored for compliance within the established Cost Cap. There have been no changes in the Project Cost Estimate during this reporting period.

Table 2. Project Cost Estimate

Facility	Total Estimated Cost	% Total
Brackish Source Water Wells and Pipeline	\$ 39,800,000	10%
Desalination Plant	\$134,800,000	33%
MCWD Product Water Pipeline	<u>\$ 28,000,000</u>	7%
Construction Costs Total	<i>\$202,600,000</i>	
Pre-Effective Date Costs (1)	\$ 14,000,000	3%
Post-Effective Date Implementation Costs (2)	\$ 59,000,000	15%
Right of Ways, Easements, Outfall	\$ 6,900,000	2%
Reserve Fund/Cost of Obtaining Financing	<u>\$ 15,000,000</u>	4%
MCWRA/ MCWD Total	<i>\$297,500,000</i>	
CAW Facilities (CAW Only) (3)	<u>\$107,000,000</u>	26%
Project Total	<i>\$404,500,000</i>	

Notes:

- (1): Project costs incurred by MCWD and MCWRA prior to January 11, 2011.
- (2): Cost includes: design, permitting, project management, construction management, and legal fees
- (3): CAW Facility costs are not included in the forecasted costs in Figure 5 and Figure 6

Schedule

The Regional Desalination Project implementation schedule is presented in Figure 2. There have been no changes in this schedule during this reporting period.

Figure 2. Summary Schedule

Task	2011				2012				2013				2014				2015			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Test Wells	Design		Construction/Testing																	
Brackish Source Water Wells	Predesign, Permitting, Design				Construction															
Brackish Source Water Pipeline	Predesign, Permitting, Design				Construction															
Desalination Plant	Predesign, Permitting, Design				Construction															
MCWD Product Water Pipeline	Predesign, Permitting, Design				Construction															
CAW Facilities	Predesign, Permitting, Design				Construction															

Section 4 Project Budget

For the month of April 2011, the Project Management Team spent \$685,453. To date, the Project Management Team has spent \$1,664,699, which is 6.4% of the total PMA budget. A breakdown of the monthly and total expenditures by facility owner can be seen in Table 3 and Table 4 below and the details of the monthly invoice allocation can be seen in Appendix B. Monthly and cumulative forecast vs. actual costs for the PMA and the entire Regional Desalination Project can be seen in Figure 3 thru Figure 6 below.

Table 3. Monthly Expense by Facility Owner

Task	Invoice	MCWD	MCWRA	CAW
Task 1 Program Management	\$ 142,882.69	\$ 80,782.83	\$ 47,140.92	\$ 13,576.24
Task 2 Funding	\$ 17,508.20	\$ 12,954.10	\$ 3,223.87	\$ 1,330.23
Task 3 Environmental Coordination	\$ 14,373.50	\$ 5,720.07	\$ 5,720.07	\$ 2,933.37
Task 4 Permitting	\$ 146,597.26	\$ 100,305.66	\$ 35,325.56	\$ 10,966.04
Task 5 System-wide Engineering	\$ 23,775.04	\$ 15,864.36	\$ 3,897.01	\$ 4,013.68
Task 6 Brackish Wells	\$ -	\$ -	\$ -	\$ -
Task 7 & 8 Brackish Water Pipeline	\$ -	\$ -	\$ -	\$ -
Task 9 Desalination Plant	\$ 329,069.47	\$ 329,069.47	\$ -	\$ -
Task 10 Product Water Pipeline	\$ 9,618.75	\$ 9,618.75	\$ -	\$ -
Task 11 CAW Coordination	\$ 1,246.25	\$ -	\$ -	\$ 1,246.25
Task 12 MCWD Tie-in Pipeline	\$ 382.50	\$ 382.50	\$ -	\$ -
Task 13 Construction Management	\$ -	\$ -	\$ -	\$ -
Total	\$ 685,453.66	\$ 554,697.73	\$ 95,307.43	\$ 34,065.80
% of Invoice		81%	14%	5%

Table 4. PMA Budget Status Summary

	Totals	MCWD	MCWRA	CAW
Budget	\$ 26,050,000	\$ 20,596,000	\$ 4,163,000	\$ 1,293,000
Billed to Date	\$ 1,664,699	\$ 1,092,004	\$ 458,290	\$ 114,405
Remaining	\$ 24,385,301	\$ 19,503,996	\$ 3,704,710	\$ 1,178,595
% Remaining	93.6%	94.7%	89.0%	91.2%

Budget Status

PMA Contract: On budget

Regional Desalination Project: On budget

Schedule Status

On Schedule

Figure 3. Actual vs. Forecast- PMA Costs

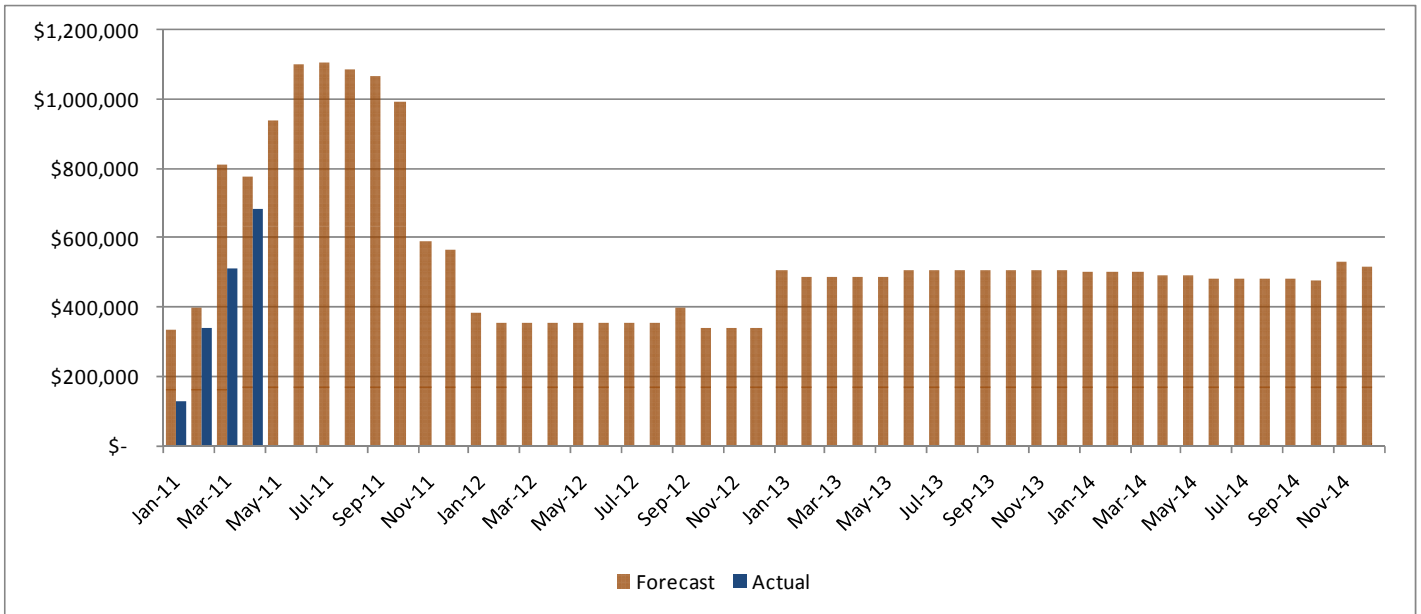


Figure 4. Cumulative Actual vs. Forecast- PMA Costs

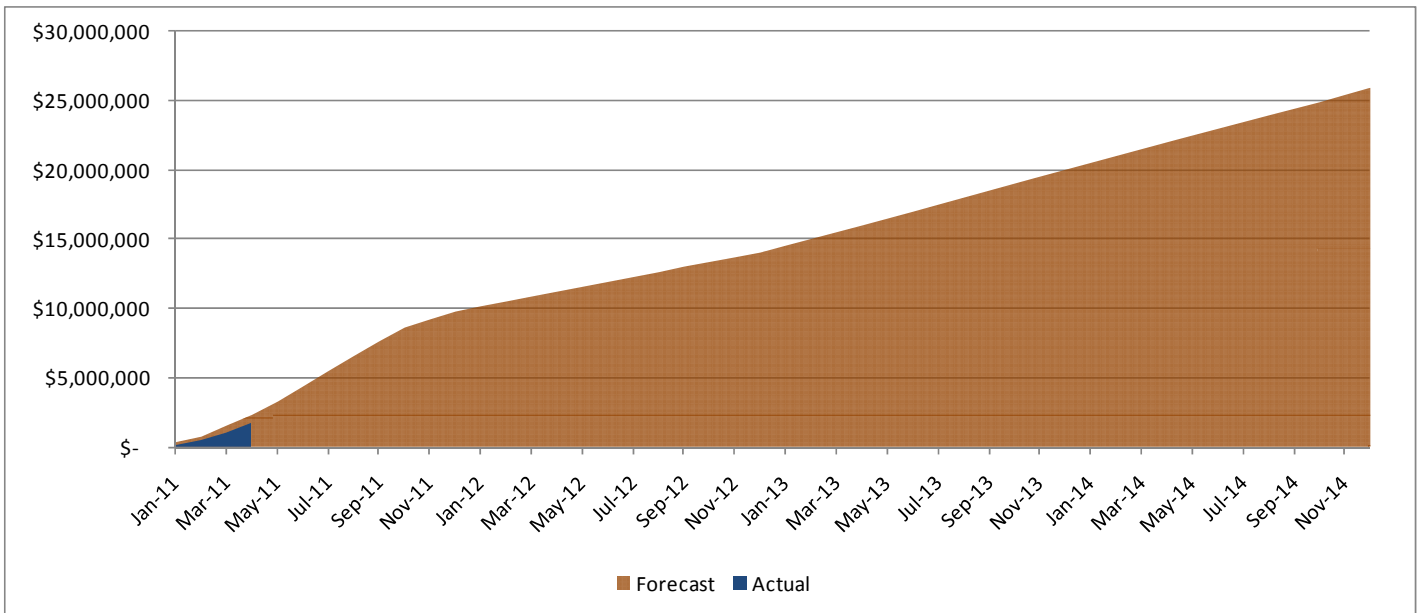
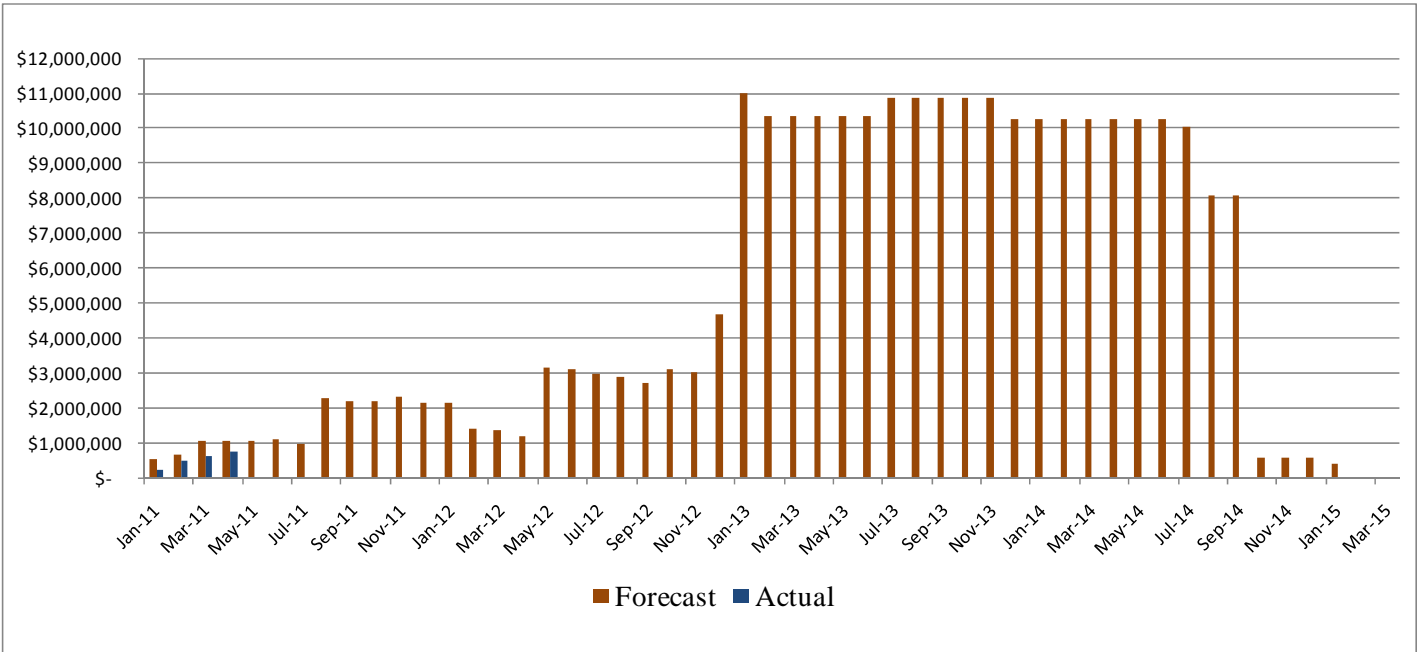
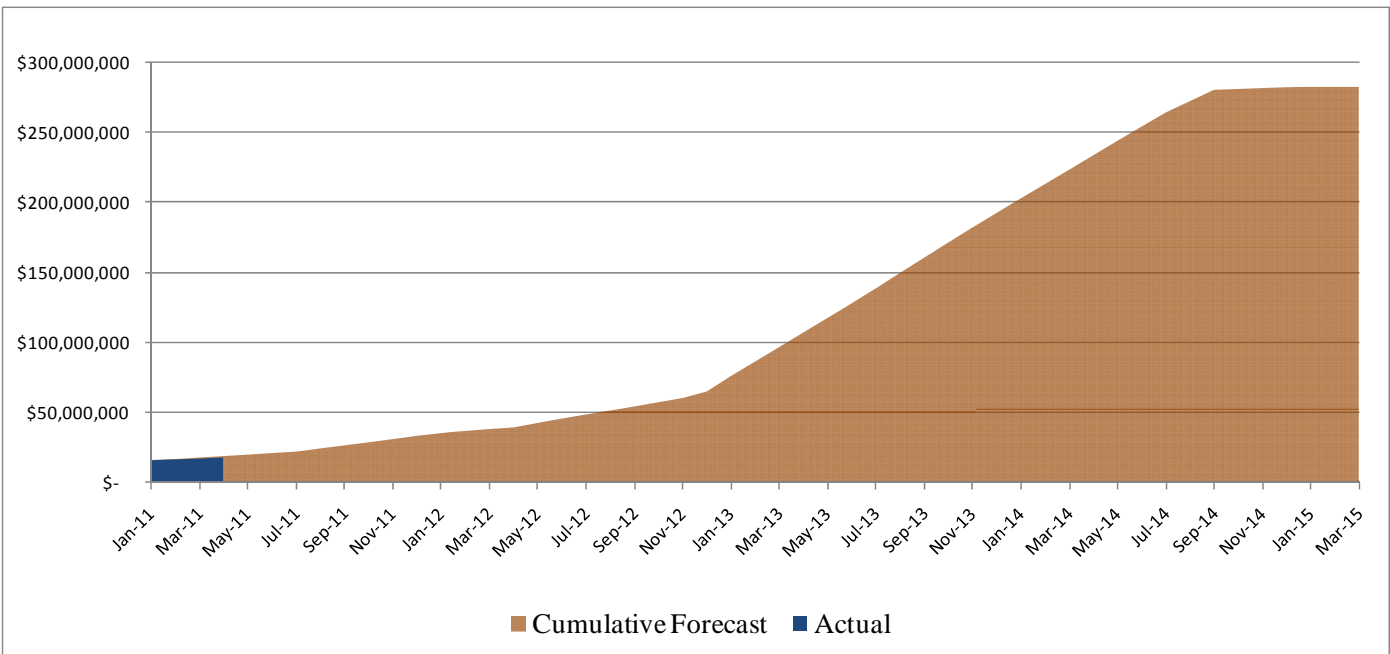


Figure 5. Actual vs. Forecast- Regional Desalination Project Costs



Notes: (1) The projected costs in Figure 5 and 6 do not include any costs associated with bond financing. Such costs will be paid directly from the forecasted bond proceeds. (2) Actual costs to date are based on the project expenses received at the time this report was produced. Any costs received later will be shown in next month’s report, but will be reflected in the month the work was conducted in.

Figure 6. Cumulative Actual vs. Forecast- Regional Desalination Project Costs



Section 5 Project Status Updates

Some of the major project highlights for April 2011 are summarized below.

Task 1: Overall Project Management

- Identified schedule and cash flow requirements to support alternative financing options being considered by PAC
- Subcontracted Electrical, System Modeling, Environmental, CIF Facilitator and Desalination support services.
- Began subconsultant selection for Survey & Mapping, Geotechnical Engineering, and Public information support services.
- Developed procedures for consolidated project status updates/reporting
- Developed alternate cash flows and schedule analyses to identify sequence of project activities pending funding outcome.
- Provided litigation and PUC support services on as-requested basis.
- Began preparing Request for Qualification for Design Build contractors.
- Continued maintaining the project schedule and budget tracking/ analysis tools.

Task 2: Funding

- Updated base feasibility report for Title XVI feasibility study preparations and for submittal in June 2011.
- Continued working with and supporting the project owners on the development of a financing plan for the project.
- Prepared for and met with USEPA on April 28th to discuss RDP funding under Clean Water SRF program.
- Received USEPA written concurrence that RDP is fundable under CWA Section 319 and therefore qualifies for funding under the Clean Water SRF program.

Task 3: Environmental Coordination

- Conducted Biological surveys
- DD&A submitted Draft EA for internal review. RMC reviewed document.

- Preparing administrative draft of the USFWS Section 7 Biological Assessment.
- Preparing administrative draft of the Section 7 NOAA Biological Assessment.
- REceived cultural resources report
- Updated addendum for Test Wells to reflect results of slant well bio survey

Task 4: Permitting

- Submitted the Coastal Development Permit (CDP) application for the RDP to California Coastal Commission (CCC) on March 31st.
- Definitively identified County-related permits.
- Prepared and submitted CDP application for Test Wells to the CCC and anticipate comments in May 2011.
- Received CCC responses to the RDP CDP application on April 29th; began comment evaluation and coordination of response preparation.
- Coordinated with Geosciences for plume model runs to suppose CDPH applications.
- Continued preparation of the Drinking Water Source Assessment and Protection Program (DWSAP) for CDPH permitting.
- Prepared application for NPDES permit from data information received from MRWPCA. Continued coordination with MRWPCA to obtain necessary information and data to develop a permitting strategy.
- Prepared technical memos to the CDPH to justify adjustments in product water disinfection requirements.
- Coordinated with CDPH on desalination treatment plant permitting and disinfection requirements.

Task 5: System-Wide Engineering

- Issued Survey and Geotechnical RFPs on April 15th and hosted a survey/geotechnical site visit for potential bidders. Anticipate award of both contracts in May 2011.
- Coordinated with CAW and MCWD regarding system hydraulics, tank sizing, and integration of distribution systems.
- Developed conceptual strategies for controlling split of product water flow between MCWD and CAW and for controlling the distribution pumps based on pressure in the distribution systems.

- Finalized contract with Flow Sciences to perform surge analysis modeling on the product water distribution system from the clearwells to the MCWD and CAW distribution systems.
- Confirmed Caltrans crossings based on provided right-of-way maps

Task 6: Brackish Source Water Wells

- During this time period no activities occurred on this task.

Task 7/8: Brackish Source Water Pipeline

- During this time period no activities occurred on this task.

Task 9: Desalination Plant

- Continued to refine preliminary design criteria, equipment sizing and system hydraulics for the process equipment, structures and product water distribution system at the Desalination Plant.
- Coordinated and met with PCA regarding access road use agreements and connection points for brine discharge via the outfall and sanitary sewer wastewater.
- Met with architects and electrical team to develop preliminary building plans and site plans for the plant.
- Coordinated with instrumentation team on draft control strategies for the plant and P&IDs.
- Development of preliminary design criteria for post-treatment and RO pretreatment facilities.
- Continued development of electrical power requirements, electrical power sources and distribution to process areas at the site.
- Continued coordination with Trussell, TJC, Burks Toma, and RMC design teams (e.g., brackish source water pipeline team, brine pipeline team, and brackish source water well design teams) on schedule and design criteria needed
- Continued coordination with equipment vendors
- Continued coordination with CAW and MCWD regarding distribution system design criteria and existing distribution facilities for development of post-treatment design criteria.
- Developed pump station configuration
- Sized clearwell based on planned operations

- Supported site planning activities related to clearwell and pump station.
- Reviewed criteria and operations assumptions with MCWD and CAW.

Task 10: MCWD Product Water Pipeline

- Prepared graphics and maps for CDP application.
- Strategized with team on responses to CCC letter.
- Prepared graphic for State Parks easement at 1st Street.
- Met with CAW to review distribution hydraulics and connection schematics to CAW system.
- Prepared hydraulic spreadsheets

Task 11: CAW Coordination

- General coordination of project facilities and CAW facilities.

Task 12: MCWD Tie-in Pipeline

- Coordinated with Schaaf and Wheeler on MCWD hydraulic studies to assess A Zone connection at Crescent Ave. in Marina.
- Met with MCWD to review connection concepts and hydraulic criteria.
- Prepared graphics and maps for CDP application.
- Strategized with team on responses to CCC letter.

Task 13: Construction Management

- During this time period no activities occurred on this task.

Appendix A

List of Acronyms and Abbreviations

Term	Meaning
AFY	acre-feet per year
APE	Area of potential effect
Army	U.S. Army
ASR	Aquifer storage and recovery
BA	Biological Assessment
BO	Biological Opinion
CAW	California-American Water Company
CDFG	California Department of Fish & Game
CDP	Coastal Development Permit
CDPH	California Department of Public Health
CEQA	California Environmental Quality Act
CIF	Community Involvement Forum
CPCN	Certificate of Public Convenience and Necessity
CPUC	California Public Utilities Commission
CSIP	Castroville Seawater Intrusion Project
CWA	Clean Water Act
D/B	Design/Build
DDA	Denise Duffy & Associates, Inc.
DRA	Division of Ratepayer Advocates
DWSAP	Drinking Water Source Assessment and Protection
EA	Environmental Assessment
EIR	Environmental Impact Report (CEQA)
EIS	Environmental Impact Statement (NEPA)
EPA	Environmental Protection Agency
I	Fort Ord Reuse Authority
ft	foot
GHG	greenhouse gas
gpm	gallons per minute
hp	horsepower
Hr	hour(s)
I&C	Instrumentation and Controls
in	inch
kw	kilowatt
kwh	kilowatt-hour(s)
lb	pound(s)
LCP	Local Coastal Program
LF	linear feet
MBUAPCD	Monterey Bay Unified Air Pollution Control District
MCWD	Marina Coast Water District
MCWRA	Monterey County Water Resources Agency
MG	million gallons
mg/l	milligrams per liter

Term	Meaning
mgd	million gallons per day
MPRPD	Monterey Peninsula Regional Park District
MPWMD	Monterey Peninsula Water Management District
MRWMD	Monterey Regional Waste Management District
MRWPCA	Monterey Regional Water Pollution Control Agency
NDPES permit	National Pollution Discharge Elimination System permit
NEPA	National Environmental Policy Act
PAB	Private Activity Bonds
PAC	Project Advisory Committee
PCA	Monterey Regional Water Pollution Control Agency
PG&E	Pacific Gas and Electric
PMA	Project Management Agreement
ppm	parts per million
psi	pounds per square inch
RDP	Regional Desalination Project
Reclamation	Bureau of Reclamation, U.S. Department of Interior
REF	Renewable Energy Facility
RFP	Requests for Proposals
RFQ	Requests for Statements of Qualifications
RMC	RMC Water and Environment, Project Manager
RO	Reverse Osmosis
ROW	Right-of-Way
RUWAP	Regional Urban Water Augmentation Project
SCADA	Supervisory Control and Data Acquisition
sf	Square Feet
SOQ	Statements of Qualifications
SRF	State Revolving Fund, California
SVRP	Salinas Valley Reclamation Plant
SWRCB	State Water Resources Control Board
TAC	Technical Advisory Committee
TAMC	Transportation Agency for Monterey County
TJC	TJC and Associates, Inc.; Electrical/I&C subconsultant to RMC
USBR	United States Bureau of Reclamation
USFWS	United States Fish & Wildlife Service
WPA	Water Purchase Agreement
yr	Year

Appendix B

Invoice Detail Cost Breakdown: April 2011

	Invoice Total	MCWD Costs		MCWRA Costs		CAW Costs	
Task 1 Program Management	\$ 142,882.69	\$ 80,782.83	57%	\$ 47,140.92	33%	\$ 13,576.24	10%
Project Administration	\$ 42,212.12	\$ 36,735.99	% of task 2-12	\$ 3,785.43	% of task 2-12	\$ 1,690.70	% of task 2-12
Public Support	\$ 16,890.35	\$ 5,630.12	33%	\$ 5,630.12	33%	\$ 5,630.12	33%
Budget and Schedule Management	\$ 36,007.47	\$ 16,203.36	45%	\$ 16,203.36	45%	\$ 3,600.75	10%
Quality, Safety and Risk Management	\$ 2,910.00	\$ 1,309.50	45%	\$ 1,309.50	45%	\$ 291.00	10%
Financial Analysis	\$ 4,485.00	\$ 2,018.25	45%	\$ 2,018.25	45%	\$ 448.50	10%
Contract Procurement and Admin	\$ 38,303.70	\$ 18,194.26	48%	\$ 18,194.26	48%	\$ 1,915.19	5%
Litigation Support	\$ 2,074.05	\$ 691.35	33%	\$ 691.35	33%	\$ 691.35	33%
Task 2 Funding	\$ 17,508.20	\$ 12,954.10	74%	\$ 3,223.87	18%	\$ 1,330.23	8%
Clean Water SRF Program	\$ 4,500.70	\$ 3,622.51	80%	\$ 878.19	20%	\$ -	0%
Bond Funding	\$ 7,891.25	\$ 6,313.00	80%	\$ 1,578.25	20%	\$ -	0%
Title XVI Funding	\$ 5,116.25	\$ 3,018.59	59%	\$ 767.44	15%	\$ 1,330.23	26%
Federal Appropriations		\$ -	59%	\$ -	15%	\$ -	26%
Other funding opportunities		\$ -	59%	\$ -	15%	\$ -	26%
Task 3 Environmental Coordination	\$ 14,373.50	\$ 5,720.07	40%	\$ 5,720.07	40%	\$ 2,933.37	20%
NEPA coordination	\$ 6,411.50	\$ 2,137.17	33%	\$ 2,137.17	33%	\$ 2,137.17	33%
Enviro Mitigation Delineation		\$ -	59%	\$ -	15%	\$ -	26%
Local CEQA Adoption	\$ 7,962.00	\$ 3,582.90	45%	\$ 3,582.90	45%	\$ 796.20	10%
Environ Compl Mon During Const		\$ -	80%	\$ -	20%	\$ -	0%
Task 4 Permitting	\$ 146,597.26	\$ 100,305.66	68%	\$ 35,325.56	24%	\$ 10,966.04	7%
Test Well Permitting	\$ 3,537.45	\$ -	0%	\$ 3,537.45	100%	\$ -	0%
Coastal Commission	\$ 32,898.12	\$ 10,966.04	33%	\$ 10,966.04	33%	\$ 10,966.04	33%
CDPH	\$ 98,396.58	\$ 78,980.53	80%	\$ 19,416.05	20%	\$ -	0%
RWQCB	\$ 4,735.00	\$ 4,735.00	100%	\$ -	0%	\$ -	0%
County	\$ 572.50	\$ 458.00	80%	\$ 114.50	20%	\$ -	0%
Local		\$ -	80%	\$ -	20%	\$ -	0%
Misc.	\$ 6,457.61	\$ 5,166.09	80%	\$ 1,291.52	20%	\$ -	0%
Task 5 System-wide Engineering	\$ 23,775.04	\$ 15,864.36		\$ 3,897.01		\$ 4,013.68	
System Wide sizing and SCADA	\$ 15,262.54	\$ 9,030.78	59%	\$ 2,218.09	15%	\$ 4,013.68	26%
Surveying/ROW	\$ 5,347.50	\$ 4,292.81	80%	\$ 1,054.69	20%	\$ -	
Geotechnical	\$ 3,165.00	\$ 2,540.77	80%	\$ 624.23	20%	\$ -	
Value Engineering coordination		\$ -	80%	\$ -	20%	\$ -	
Constructability Review Coordination		\$ -	80%	\$ -	20%	\$ -	
Acceptance Test Planning		\$ -	80%	\$ -	20%	\$ -	
Task 6 Brackish Wells		\$ -	0%	\$ -	100%	\$ -	0%
Task 7 & 8 Brackish Water Pipeline		\$ -	0%	\$ -	100%	\$ -	0%
Task 9 Desalination Plant	\$ 329,069.47	\$ 329,069.47	100%	\$ -	0%	\$ -	0%
Task 10 Product Water Pipeline	\$ 9,618.75	\$ 9,618.75	100%	\$ -	0%	\$ -	0%
Task 11 CAW Coordination	\$ 1,246.25	\$ -	0%	\$ -	0%	\$ 1,246.25	100%
Task 12 MCWD Tie-in Pipeline	\$ 382.50	\$ 382.50	100%	\$ -	0%	\$ -	0%
Task 13 Construction Management		\$ -	80%	\$ -	20%	\$ -	
Total	\$ 685,453.66	\$ 554,697.73	81%	\$ 95,307.43	14%	\$ 34,065.80	5%