



AGENDA NO: B-2

MEETING DATE: March 7, 2017

Staff Report

DATE: March 1, 2017

TO: Water Reclamation Facility Citizens Advisory Committee

FROM: Mike Nunley, PE – Water Reclamation Facility (WRF) Program Manager

SUBJECT: WRF Program Update

RECOMMENDATION

Staff recommends WRFCAC receive and file the status report of the WRF program.

ALTERNATIVES

No alternatives are recommended.

FISCAL IMPACT

No additional fiscal impact is proposed within this update. All work is proceeding within the City's fiscal year budget for the Water Reclamation Facility.

DISCUSSION

With the denial of the permit for the WWTP project in its current location, the City has embarked on a process for a new WRF. This staff report provides the following:

- Review of what has occurred to date. See the list of major milestones or accomplishments since the last update to WRFCAC below. This summary is typically provided each month.
- Update on program schedule

Accomplishments and Milestones

The City's Program Management team and technical consultants performed the following tasks since the February program update:

- Received and reviewed administrative draft report summarizing modeling results from GSI Water Solutions, Inc.
- Completed administrative draft Master Reclamation Plan and submitted to City staff and State Water Resources Control Board for review
- Initiated rate study update with Bartle Wells Associates
- Coordinated review of financing options by Kestrel Consulting for use in rate study
- Planned and attended preproposal meeting for WRF Lift Station and Pipelines Design Engineering Services
- Updated program schedule

Prepared By: MN

Dept Review: _____

Program Schedule Update

FY 16/17 activities are primarily planning, permitting, and procurement of consultants for elements of the Phase I WRF. Specific objectives include completion of the Facility Master Plan, Master Reclamation Plan, initial review and procurement activities for the design-build team, preliminary design, technical studies and initial drafts of the Environmental Impact Report, and procurement of the State Revolving Fund Planning and Design Loan.

The anticipated schedule for significant milestones and Council decisions is summarized below and all critical path efforts are on schedule. An updated program schedule is attached.

Item	Date
Public Release Draft Master Water Reclamation Plan	March 21, 2017
Confirmation of Phase I and Phase II WRF Budget	April 2017
Council Selection and Award for Phase I WRF Offsite Improvements (Lift Station and Pipelines)	April 2017
RFQ for Design/Construction of Phase I WRF Onsite Improvements	June 2017
Release of Public Draft EIR	August 2017
RFP for Design/Construction of Phase I WRF Onsite Improvements	October 2017
Certification of Final EIR (Critical Timeline for Grant Pursuit)	November 2017
Negotiation/Award of Contract for Phase I WRF Onsite Improvements	May 2018
Award of Contract for Construction of Phase I Offsite Improvements (Lift Station and Pipelines)	April 2019
Completion of Phase I WRF Improvements	May 2021

Second Quarter 16/17 Summary

A budget update for the second quarter of fiscal year 2016/17 (2Q16/17) has been prepared. It should be noted that the final consultant invoices and charges through December 31 of FY 16/17 have not all been received and approved by City staff.

As discussed in prior meetings, MKN and City staff developed a budget and expense report format with input from the WRFCAC Financial Subcommittee. The summary is attached, and includes all City expenses (including staff time with benefits, copies, and other office expenses) in addition to consultant contracts. The second page provides a higher level of detail on budget status of individual consultant contracts since inception of the Project. This report will be provided quarterly to City Council and WRFCAC, and currently represents expenses through December 31, 2016.

The following sections provide an analysis and overview of the City's WRF budget. The budget summary presents budget information on quarterly, annual (based on the fiscal year for the City between July and June) and total project time periods. All costs for a given period are based on the invoice dates (except for consultant costs as described below).

EXPENDITURES: The following table describes the line items from Attachment 1, as well as any comments regarding budget status.

Object Name (from Attachment 1)	Description	Comments
Past Siting Studies	Contractual services for studies completed prior to initiating the Facility Master Plan process (2013-2015)	These work efforts were completed, contracts expired, and there are no further encumbrances
Current Consultant Contracts	Summary of Page 2 from Attachment 1	Work efforts are under budget for FY 16/17. In order to facilitate a more automated reporting process, consultant costs for a given period will be based on the dates work was performed instead of invoice or payment dates.
Water Rights Legal Support	Contract attorney fees for input on water reuse alternatives and legal constraints	--
Labor and Benefits	City staff labor and benefits (also called "fully burdened labor") for the WRF Program	Current FY 16/17 efforts included wastewater sampling, meeting attendance, administrative support, collection system flow monitoring, and all activities related to the WRF Program
Laboratory/Sampling	Contract laboratory services for wastewater analysis to support Facility Master Plan and future detailed design efforts	--
Printing and Advertising	Costs from outside vendors for copies, printing, and postage to develop and distribute WRF Program materials	--
Software License and Fees	Fee for Procore Project/Construction Management Software	Procore software is used to manage and track consultant budgets and contracts, store program documents and deliverables, coordinate and record meetings, and track work efforts during the planning/permitting phase. During construction, the software will be used for tracking contractor submittals, pay requests, field observations, and other work efforts. Annual fee is \$42,205 over the next 5 to 8 years.
Property Acquisition	Cost to purchase property & appraisal	--
Program Office Equipment	Copier, monitor, telephone, and other office equipment to equip the Program Office in the City Hall Annex	--

REVENUE: At this time, the City is funding the project through user rates, the Recycled Water Facilities Planning Grant, and Supplemental Environmental Project (SEP) money from California Department of Corrections and Rehabilitation for California Men's Colony. SEP funds were intended to offset costs for the CMC evaluations completed last year.

User rates fund the City's sewer enterprise, including efforts not related to the new WRF. Incoming revenue is not directed into a specific fund for the WRF. The budget tables include the revenue anticipated for the WRF which is 75% of \$75M, or \$56.25M, with 25% of debt service coverage (assumed in the Rate Study) to increase the projected available revenue up to \$70.3. This assumed debt service coverage would be reduced and/ reallocated by reprioritizing other wastewater capital projects. It is assumed revenue for the project would come from grants and loans. User rates would repay the loans in accordance with financing terms and conditions, which can vary depending on the program.

The City increased sewer rates in 2015 in anticipation of the WRF project, but those funds are not directed into a specific fund for the WRF. As budgeted and presented in the 2015 Rate Study, the City would receive \$10M through loan proceeds to fund WRF expenses from FY 2014/15 through FY 2016/17. \$4M was budgeted through FY 15/16, \$6M was budgeted for FY 2016/17, and 50% of the FY 2016/17 (\$3M) has been budgeted through 2Q16/17. Since the loan was approved in January 20, 2017, WRF expenditures have been paid from excess sewer revenues over expenses. After paying all of the WRF expenditures submitted through December 31, 2016, the fund still has revenues in excess of expenditures of \$1,236,156 according to an income statement provided by City staff.

The City was awarded a \$10.3M planning and design loan from the State Water Resources Control Board (SWRCB) State Revolving Fund and the loan agreement was executed on January 20, 2017. As the City pays consultant expenses, staff can submit the invoices to SRWCB staff and request reimbursal.

The goal of the Facility Master Plan and Master Water Reclamation Plan is to develop a more refined WRF project budget than the range of estimates from the 2014 Site Options Report (which assumed a project would be constructed at the Rancho Colina site and was the origin of the \$75M Phase I budget in the 2015 Rate Study).

ATTACHMENT

Updated Program Schedule (as of February 24, 2017)
Quarterly Budget Summary for 2Q2016/17

[illegible]

Morro Bay Water Reclamation Facility Project																																															
Program Schedule																																															
ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	% Complete	4Q14	1Q15	2Q15	3Q15	4Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21										
125			700 - TM - Organic Waste Facilities	102 days	Thu 7/16/15	Fri 12/4/15	70	100%																																							
126			Site Planning & Visual Simulations	175 days	Mon 6/20/16	Fri 2/17/17		100%																																							
127			Concept site layouts (w/out survey)	35 days	Mon 6/20/16	Fri 8/5/16		100%																																							
128			City review/meeting	5 days	Mon 8/8/16	Fri 8/12/16	127	100%																																							
129			Receive survey	0 days	Mon 8/1/16	Mon 8/1/16	20	100%																																							
130			Refine/Formalize site layouts	15 days	Tue 8/2/16	Mon 8/22/16	129	100%																																							
131			City staff review/meeting	5 days	Tue 8/23/16	Mon 8/29/16	130	100%																																							
132			Architectural Theme Development	10 days	Mon 6/27/16	Fri 7/8/16		100%																																							
135			Develop WRF Site Visual Simulations	22 days	Tue 8/30/16	Wed 9/28/16	131,134	100%																																							
136			302.2 – Offsite Support Facilities (PS) Visual Simulations	114 days	Tue 8/30/16	Fri 2/3/17	131,134	100%																																							
137			Staff Review/Meeting	5 days	Mon 2/6/17	Fri 2/10/17	136	100%																																							
138			Revise/update visual simulations	5 days	Mon 2/13/17	Fri 2/17/17	137	100%																																							
139			Facility Master Plan	370 days	Mon 7/4/16	Fri 12/1/17		93%																																							
140			600 - Admin. Draft Facility Master Plan	30 days	Mon 7/4/16	Fri 8/12/16		100%																																							
141			City Staff Review	10 days	Mon 8/15/16	Fri 8/26/16	140	100%																																							
142			Prepare cost estimates	30 days	Tue 8/30/16	Mon 10/10/16	131	100%																																							
143			600 - Revised Admin Draft Facility Master Plan	25 days	Fri 9/9/16	Thu 10/13/16	141,142FF,138FF	100%																																							
144			City Staff Review	11 days	Fri 10/14/16	Fri 10/28/16	143	100%																																							
145			600 - Draft Facility Master Plan	9 days	Fri 10/28/16	Wed 11/9/16		100%																																							
146			WRFCAC/City Review and Workshops	20 days	Wed 11/16/16	Tue 12/13/16	145	100%																																							
147			600 – Final Facility Master Plan	10 days	Mon 11/20/17	Fri 12/1/17	109	0%																																							
148			Task 204 - Salinity Identification and Control Plan	514 days	Fri 5/15/15	Wed 5/3/17		81%																																							
149			Salinity Source Identification Study (LWA)	103 days	Fri 5/15/15	Tue 10/6/15		100%																																							
150			Draft Salinity Source Control Plan (LWA)	44 days	Fri 4/1/16	Wed 6/1/16	149FS+6.35 mons	100%																																							
151			City Staff Review	30 days	Thu 6/2/16	Wed 7/13/16	150	100%																																							
152			Final Salinity Source Control Plan (LWA)	60 days	Thu 7/14/16	Wed 10/5/16	151	100%																																							
153			Development of Softener Control Plan Outreach Materials and Ordinance	150 days	Thu 10/6/16	Wed 5/3/17	152	50%																																							
154			Task 206 - Rate Study Update and PM Support	882 days	Mon 2/10/14	Tue 6/27/17		8%																																							
155			Draft Rate Study	45 days	Mon 2/10/14	Fri 4/11/14		10%																																							
156			Staff Review	10 days	Mon 4/14/14	Fri 4/25/14	155	0%																																							
157			Council sets hearing date	0 days	Tue 5/9/17	Tue 5/9/17		0%																																							
158			Council mails hearing notices	0 days	Fri 5/12/17	Fri 5/12/17		0%																																							
159			Public hearing	0 days	Tue 6/27/17	Tue 6/27/17	158FS+33 days	0%																																							
160			Task 207 - Caltrans Coordination and Encroachment Permit Applications	165 days	Wed 3/1/17	Tue 10/17/17		0%																																							
161			Initial Consultation	154 days	Wed 3/1/17	Mon 10/2/17		0%																																							
162			Preliminary design of access road at Teresa Drive	45 days	Wed 3/1/17	Tue 5/2/17		0%																																							
163			Consultation and design review with Caltrans	60 days	Wed 5/3/17	Tue 7/25/17	162	0%																																							
164			Preparation of draft pipeline encroachment agreements including plan/profile	30 days	Wed 9/6/17	Tue 10/17/17	221	0%																																							
MB WRF Project Schedule Date: Wed 3/1/17				Task		External Tasks		Manual Task		Finish-only		Path Successor Normal Task		Path Driving Predecessor Summary Task																																	
				Split		External Milestone		Duration-only		Deadline		Path Driven Successor Normal Task		Path Predecessor Normal Task																																	
				Milestone		Inactive Task		Manual Summary Rollup		Path Successor Milestone Task		Path Predecessor Milestone Task		Path Driving Predecessor Normal Task																																	
				Summary		Inactive Milestone		Manual Summary		Path Successor Summary Task		Path Driving Predecessor Milestone Task		Path Driven Successor Milestone Task																																	
				Project Summary		Inactive Summary		Start-only		Path Driven Successor Summary Task		Path Predecessor Summary Task		Progress																																	
Page 2																																															
WRFCAC Agenda 10 of 15																																															

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Morro Bay Water Reclamation Facility Project																																							
Program Schedule																																							
ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	% Complete	4Q14	1Q15	2Q15	3Q15	4Q15	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19	2Q19	3Q19	4Q19	1Q20	2Q20	3Q20	4Q20	1Q21	2Q21	3Q21	4Q21		
205			302B-3 Draft Structural Performance Criteria	30 days	Wed 5/3/17	Tue 6/13/17	190	0%																															
206			Staff/PM review	5 days	Wed 6/14/17	Tue 6/20/17	205	0%																															
207			302B-3 Final Structural Performance Criteria	10 days	Wed 6/21/17	Tue 7/4/17	206	0%																															
208			302B-4 Draft Electrical Performance Criteria	30 days	Wed 5/3/17	Tue 6/13/17	190	0%																															
209			Staff/PM review	5 days	Wed 6/14/17	Tue 6/20/17	208	0%																															
210			302B-4 Final Electrical Performance Criteria	10 days	Wed 6/21/17	Tue 7/4/17	209	0%																															
211			Update Draft Performance Criteria and Specifications	35 days	Wed 5/24/17	Tue 7/11/17	187	0%																															
212			Submit Final Functional Requirements and Performance Specifications	0 days	Tue 7/11/17	Tue 7/11/17	211	0%																															
213			Electrical Service - Coordination with PG&E	120 days	Wed 3/1/17	Tue 8/15/17		0%																															
214			Task 303 - Procurement of Lift Station/Transmission Mains Design Consultant	80 days	Wed 12/14/16	Tue 4/4/17		69%																															
215			Develop RFP	34 days	Wed 12/14/16	Mon 1/30/17	146	100%																															
216			Circulate RFP	26 days	Tue 1/31/17	Tue 3/7/17	215	80%																															
217			Proposal Opening and City Review	4 wks	Wed 3/8/17	Tue 4/4/17	216	0%																															
218			Selection of LS/Pipelines Design Consultant	0 days	Tue 4/4/17	Tue 4/4/17	217	0%																															
219			Design/Bid/Build Lift Station and Transmission Mains	865 days	Wed 5/17/17	Tue 9/8/20		0%																															
220			Task 401 - Coordination of WRF Offsite Design Development	410 days	Wed 5/17/17	Tue 12/11/18		0%																															
221			Preliminary Design Report	4 mons	Wed 5/17/17	Tue 9/5/17	218FS+30 days	0%																															
222			Survey	3 mons	Wed 9/6/17	Tue 11/28/17	221	0%																															
223			Geotechnical Engineering/Soils Report	3 mons	Wed 11/29/17	Tue 2/20/18	222	0%																															
224			Draft Concept Design Report (30%)	5 mons	Wed 11/29/17	Tue 4/17/18	222	0%																															
225			City Staff Review	1 mon	Wed 4/18/18	Tue 5/15/18	224	0%																															
226			Final Concept Design Report	1 mon	Wed 5/16/18	Tue 6/12/18	225	0%																															
227			City Staff Review	2 wks	Wed 6/13/18	Tue 6/26/18	226	0%																															
228			60% Plans, Specifications, and Cost Opinion	2 mons	Wed 6/27/18	Tue 8/21/18	227	0%																															
229			City Staff Review	1 mon	Wed 8/22/18	Tue 9/18/18	228	0%																															
230			90% Plans, Specifications, and Cost Opinion	1 mon	Wed 9/19/18	Tue 10/16/18	229	0%																															
231			City Staff Review	1 mon	Wed 10/17/18	Tue 11/13/18	230	0%																															
232			Final Plans, Specifications, and Cost Opinion	1 mon	Wed 11/14/18	Tue 12/11/18	231	0%																															
233			Bid Phase	3 mons	Wed 12/12/18	Tue 3/5/19	232	0%																															
234			Bid Opening and City Review	6 wks	Wed 3/6/19	Tue 4/16/19	233	0%																															
235			Notice of Award to Lift Station and Force Main Contractor	5 days	Wed 4/17/19	Tue 4/23/19	234	0%																															
236			Lift Station and Force Main Construction	18 mons	Wed 4/24/19	Tue 9/8/20	235,43	0%																															
237			Construction Management	18 mons	Wed 4/24/19	Tue 9/8/20	235,43	0%																															
238			Phase I Design/Construction - WRF Onsite Improvements (Phase I)	840 days	Wed 5/9/18	Tue 7/27/21		0%																															
251			RFQ/Selection of EIR/EA/Permitting Team	136 days	Fri 3/20/15	Fri 9/25/15		100%																															
256			City Staff Support	104.45 mons	Mon 8/17/15	Thu 8/17/23		0%																															

MB WRF Project Schedule
Date: Wed 3/1/17

Task

Split

Milestone

Summary

Project Summary

External Tasks

External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Manual Task

Duration-only

Manual Summary Rollup

Manual Summary

Start-only

Finish-only

Deadline

Path Successor Milestone Task

Path Successor Summary Task

Path Driven Successor Summary Task

Path Successor Normal Task

Path Driven Successor Normal Task

Path Predecessor Milestone Task

Path Driving Predecessor Milestone Task

Path Predecessor Summary Task

Path Driving Predecessor Summary Task

Path Predecessor Normal Task

Path Driving Predecessor Normal Task

Path Driven Successor Milestone Task

Progress

Page 4

WRFCAC Agenda 12 of 15

City of Morro Bay										
Water Reclamation Facility Advisory Committee (WRFAC) Quarterly Budget Review Summary 2Q16/17										
EXPENDITURES										
Key Definitions										
		Quarter Projected Budget	Portion of Fiscal Year Budget Management Expects Necessary to Meet Quarter Expenditures				YTD Projected Budget	Sum Of Current Quarter Projected Budget and All Prior Quarter Projected Budgets		
Accounts		Current Quarter				Fiscal Year To Date (YTD)				
Fund/ Code	Object Name	Projected Budget	Expenditures	Percent Expended	Variance	Projected Budget	YTD Expenditures	Percent Expended	Variance	
599-8312	Contractual Services									
6105	Past Siting Studies (Completed - no further encumbrance)	--	--	--	--	--	--	--	--	--
6105	Current Consultant Contracts (see P. 3)	\$802,851	\$201,356	25.08%	\$601,495	\$3,211,405	\$488,674	15.22%	\$2,722,731	
6105	Water Rights Legal Support (See Note 2)	\$0	\$0	--	--	\$0	\$0	--	--	
6105	Rate Study	\$0	\$0	--	--	\$0	\$0	--	--	
	Subtotal	\$802,851	\$201,356	25.08%	\$601,495	\$3,211,405	\$488,674	15.22%	\$2,722,731	
599-8312	Labor (Fully Burdened)									
4910,4999	Labor and Benefits	\$15,000	\$13,333	88.89%	\$1,667	\$60,000	\$29,502	49.17%	\$30,498	
	Subtotal	\$15,000	\$13,333	88.89%	\$1,667	\$60,000	\$29,502	49.17%	\$30,498	
599-8312	Other Costs									
6105, 6162	Laboratory/Sampling	\$34,500	\$843	2.44%	\$33,657	\$138,000	\$11,697	8.48%	\$126,303	
5199,6106, 6105,6710	Printing and Advertising	\$0	\$4,560	--	(\$4,560)	\$0	\$9,508	--	(\$9,508)	
5199	Software license and fees	\$0	\$0	--	--	\$42,204	\$0	0.00%	\$42,204	
5199,7101	Property Acquisition	\$0	\$0	--	--	\$2,425,000	\$0	0.00%	\$2,425,000	
5199, 6106, 6750	Program office equipment	\$500	\$1,277	255.39%	(\$777)	\$2,000	\$1,781	89.03%	\$219	
5199, 6514	Travel expense	\$0	\$0	--	--	\$0	\$0	--	--	
	Subtotal	\$35,000	\$6,680	19.09%	\$28,320	\$2,607,204	\$22,986	0.88%	\$2,584,218	
	TOTALS	\$852,851	\$221,369	25.96%	\$631,482	\$5,878,609	\$541,161	9.21%	\$5,337,448	
Difference from City Adopted Budget						(\$67,996)				
City Adopted Budget						\$5,946,605				
REVENUE										
Key Definitions										
		Quarter Projected Budget	Portion of Fiscal Year Budget Management Expects To Be Recognized During Quarter				YTD Projected Budget	Sum of Current Quarter Projected Budget and All Prior Quarter Projected Budgets		
Accounts (See Note 1)		Current Quarter				Fiscal Year To Date (YTD)				
Funding Source	Revenue Name	Projected Budget	Recognized Revenue	Percent Recognized	Variance	Projected Budget	YTD Recognized Revenue	Percent Recognized	Variance	
SWRCB	Grants									
	Recycled Water Planning Grant	\$0	\$0	0.00%	\$0	\$0	\$0	0.00%	\$0	
	Subtotal	\$0	\$0	0.00%	\$0	\$0	\$0	0.00%	\$0	
SWRCB	Supplemental Environmental Project									
	SEP from California Men's Colony	\$0	\$0	0.00%	\$0	\$0	\$0	0.00%	\$0	
	Subtotal	\$0	\$0	0.00%	\$0	\$0	\$0	0.00%	\$0	
SWRCB	State Revolving Fund (SRF) Loan									
	SRF Planning Loan Proceeds	\$852,851	\$0	0.00%	(\$852,851)	\$5,878,609	\$0	0.00%	(\$5,878,609)	
	SRF Construction Loan Proceeds	\$0	\$0	0.00%	\$0	\$0	\$0	0.00%	\$0	
	Subtotal	\$852,851	\$0	0.00%	(\$852,851)	\$5,878,609	\$0	0.00%	(\$5,878,609)	
User Rates	Cash funds from Current Operations									
	Cash funds from Current Operations	\$0	\$221,369	--	\$221,369	\$0	\$541,161	--	\$541,161	
	Subtotal	\$0	\$221,369	--	\$221,369	\$0	\$541,161	--	\$541,161	
	TOTALS	\$852,851	\$221,369	25.96%	(\$631,482)	\$5,878,609	\$541,161	9.21%	(\$5,337,448)	

Notes:

- 1) Unless shown otherwise, current project expenses are funded by revenue from user rates and fees. There is no separate revenue fund for the WRF.
- 2) Budgets for water rights legal support and property acquisition have not yet been established. Detailed budget development will take place after completing the project descriptions in the Facility Master Plan and Master Reclamation Plan.
- 3) Encumbrance balance is only calculated for expenditures associated with contracts.
- 4) Total Project Amended Budget based on May 2015 Water and Sewer Rate Study. Original budget was \$75M including 25% participation from Cayucos SD which was removed in this analysis. 25% debt coverage (on City's contribution only) was included in the rate study and in this calculation.
- 5) Expenditures for Current Consultant Contracts for a period (quarter or fiscal year) are based on the dates on which the work was performed, and not on invoice or payment date.
- 6) Total Project Amended Budget is calculated from FY1617 Projected Budget plus Total Project Expenditures from end of FY1516. Detailed budget development will take place after completing the project descriptions in the Facility Master Plan and Master Reclamation Plan.
- 7) City adopted budget differs from WRF budget sheet for fiscal year 2016/2017 presented at June 14, 2016 City Council Meeting.

City of Morro Bay						
Water Reclamation Facility Advisory Committee (WRFAC) Quarterly Budget Review Summary 2Q16/17						
EXPENDITURES						
Key Definitions						
				Encumbrance Balance	Sum Of All Project Contracts Less Actual Expenditures Against Contracts (See Note 3)	
Accounts			Total Project			
Fund/ Code	Object Name	Amended Budget	Expenditures	Encumbrance Balance	Percent Expended	Variance
599-8312	Contractual Services					
6105	Past Siting Studies (Completed - no further encumbrance)	\$534,418	\$448,057	\$0	83.84%	\$86,361
6105	Current Consultant Contracts (see P. 3)	\$4,653,067	\$1,934,735	\$2,718,332	41.58%	\$2,718,332
6105	Water Rights Legal Support (See Note 2)	\$0	\$7,880	--	--	(\$7,880)
6105	Rate Study	\$0	\$1,457	--	--	(\$1,457)
	Subtotal	\$5,187,485	\$2,392,129	\$2,718,332	46.11%	\$2,795,356
599-8312	Labor (Fully Burdened)					
4910,4999	Labor and Benefits	\$400,000	\$242,514	--	60.63%	\$157,486
	Subtotal	\$400,000	\$242,514	--	60.63%	\$157,486
599-8312	Other Costs					
6105, 6162	Laboratory/Sampling	\$200,000	\$35,335	--	17.67%	\$164,665
5199,6106, 6105,6710	Printing and Advertising	\$0	\$22,867	--	--	(\$22,867)
5199	Software license and fees	\$371,205	\$42,206	\$329,000	11.37%	\$329,000
5199,7101	Property Acquisition	\$2,425,000	\$30,500	--	1.26%	\$2,394,500
5199, 6106, 6750	Program office equipment	\$2,000	\$6,032	--	301.59%	(\$4,032)
5199, 6514	Travel expense	\$0	\$379	--	--	(\$379)
	Subtotal	\$2,998,205	\$137,319	\$329,000	4.58%	\$2,860,886
	TOTALS	\$8,585,690	\$2,771,963	\$3,047,331	32.29%	\$5,813,727
Difference from City Adopted Budget						
City Adopted Budget						
REVENUE						
Key Definitions						
Accounts (See Note 1)		Total Project				
Funding Source	Revenue Name	Amended Budget	Recognized Revenue		Percent Recognized	Variance
SWRCB	Grants					
	Recycled Water Planning Grant	\$75,000	\$0		0.00%	(\$75,000)
	Subtotal	\$75,000	\$0		0.00%	(\$75,000)
SWRCB	Supplemental Environmental Project					
	SEP from California Men's Colony	\$87,361	\$87,361		100.00%	\$0
	Subtotal	\$87,361	\$87,361		100.00%	\$0
SWRCB	State Revolving Fund (SRF) Loan					
	SRF Planning Loan Proceeds	\$10,375,000	\$0		0.00%	(\$10,375,000)
	SRF Construction Loan Proceeds	\$59,937,500	\$0		0.00%	(\$59,937,500)
	Subtotal	\$70,312,500	\$0		0.00%	(\$70,312,500)
User Rates	Cash funds from Current Operations					
	Cash funds from Current Operations	\$0	\$2,684,601		0.00%	\$2,684,601
	Subtotal	\$0	\$2,684,601		0.00%	\$2,684,601
	TOTALS	\$70,474,861	\$2,771,963		3.93%	(\$67,702,898)

Notes:

- 1) Unless shown otherwise, current project expenses are funded by revenue from user rates and fees. There is no separate revenue fund for the WRF.
- 2) Budgets for water rights legal support and property acquisition have not yet been established. Detailed budget development will take place after completing the project descriptions in the Facility Master Plan and Master Reclamation Plan.
- 3) Encumbrance balance is only calculated for expenditures associated with contracts.
- 4) Total Project Amended Budget based on May 2015 Water and Sewer Rate Studies. Original budget was \$75M including 25% participation from Cayucos SD which was removed in this analysis. 25% debt coverage (on City's contribution only) w
- 5) Expenditures for Current Consultant Contracts for a period (quarter or fiscal year) are based on the dates on which the work was performed, and not on invoice or payment date.
- 6) Total Project Amended Budget is calculated from FY1617 Projected Budget plus Total Project Expenditures from end of FY1516. Detailed budget development will take place after completing the project descriptions in the Facility Master Plan a
- 7) City adopted budget differs from WRF budget sheet for fiscal year 2016/2017 presented at June 14, 2016 City Council Meeting.

City of Morro Bay												
Water Reclamation Facility Advisory Committee (WRFAC) Consultant Contract Summary (From Inception through 12-31-2016)												
Current Consultant Contracts												
Number	Title	Status	Total	Approved Change Orders	Total With Approved Change Orders	Draw Requests	Total Payments	Total Remaining	% Paid	% Complete	Pending Change Orders	Vendor
SC--001	Facility Master Plan	Approved	\$710,123.00	\$123,819.00	\$833,942.00	\$669,484.42	\$623,925.04	\$210,016.96	74.82%	80.28%	\$0.00	Black & Veatch
SC--002	CEQA/NEPA Documentation and Consulting	Approved	\$346,538.00	\$0.00	\$346,538.00	\$41,594.88	\$36,349.08	\$310,188.92	10.49%	12.00%	\$0.00	ESA
SC--003	Fatal Flaw Cultural Resources	Approved	\$18,260.87	\$0.00	\$18,260.87	\$22,660.87	\$18,260.87	\$0.00	100.00%	124.10%	\$40,056.56	Far Western
SC--005	MacElvaine Property - Fatal Flaw - Biological Resources	Approved	\$12,835.00	\$0.00	\$12,835.00	\$11,240.00	\$11,240.00	\$1,595.00	87.57%	87.57%	\$0.00	Kevin Merk Associates
SC--006	Survey - Righetti Property	Approved	\$15,644.00	\$0.00	\$15,644.00	\$12,502.50	\$12,502.50	\$3,141.50	79.92%	79.92%	\$0.00	JoAnn Head Land Surveying
SC--007	Survey - Highway 41 and MacElvaine Property	Approved	\$45,050.00	\$0.00	\$45,050.00	\$47,820.50	\$47,820.00	(\$2,770.00)	106.15%	106.15%	\$0.00	JoAnn Head Land Surveying
SC--008	Salinity Identification Study	Approved	\$23,640.00	\$37,080.00	\$60,720.00	\$52,717.83	\$49,687.83	\$11,032.17	81.83%	86.82%	\$0.00	Larry Walker Associates
SC--009	MacElvaine Property (SE) - Fatal Flaw - Geotech and Initial Hydrologic Fie	Approved	\$38,600.00	\$47,800.00	\$86,400.00	\$86,364.95	\$86,364.95	\$35.05	99.96%	99.96%	\$0.00	Fugro
SC--010	Grant and Loan Funding - Tracking and SRF Support	Approved	\$65,752.00	\$0.00	\$65,752.00	\$36,294.47	\$36,294.47	\$29,457.53	55.20%	55.20%	\$0.00	Kestrel
SC--011	2015 Program Management	Approved	\$920,808.00	\$0.00	\$920,808.00	\$769,601.63	\$725,245.82	\$195,562.18	78.76%	83.58%	\$0.00	MKN & Associates, Inc.
SC--012	Evaluate Alternative Concepts for Disposal of Treated Effluent	Approved	\$22,000.00	\$74,947.00	\$96,947.00	\$96,889.19	\$81,986.55	\$14,960.45	84.57%	99.94%	\$61,000.00	GSI Water Solutions
SC--013	Geotechnical Services Righetti II Site	Approved	\$35,902.00	\$0.00	\$35,902.00	\$27,325.35	\$27,325.35	\$8,576.65	76.11%	76.11%	\$0.00	Yeh and Associates
SC--014	Survey Services for South Bay Blvd Site	Approved	\$29,850.00	\$0.00	\$29,850.00	\$27,774.00	\$23,314.00	\$6,536.00	78.10%	93.05%	\$0.00	JoAnn Head Land Surveying
SC--015	Geotechnical Services South Bay Blvd Site	Approved	\$33,600.00	\$0.00	\$33,600.00	\$32,464.59	\$32,464.59	\$1,135.41	96.62%	96.62%	\$0.00	Yeh and Associates
Total			\$2,318,602.87	\$283,646.00	\$2,602,248.87	\$1,934,735.18	\$1,812,781.05	\$789,467.82	69.66%	74.35%	\$101,056.56	
Notes: 1) Contract SC-004 was unused and was combined with Contract SC-003. 2) Contracts SC--006 and SC--007 for JoAnn Head Land Survey are one amended contract with the City. 2) Scope amendment for contract SC-003 was in approval process, but final amendment had not been signed prior to invoicing. 3) Total Draw Requests are equivalent to Total Project Expenditures for Current Consultant Contracts on Page 2.												