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November 6, 2014

Item 4, Attachment 1

MEMORANDUM

To: RMP Steering Committee
From: Phil Trowbridge and Lawrence Leung
Re: Updated Summary of RMP Budget (Years 2011 to 2014) – period ending 9/30/14

This information represents the status of the budget to the best of our knowledge at this time and has been reviewed by Jay Davis (RMP Lead Scientist).

RMP 2014

Requests: None

Updates: None

Revenue:

- **Participant Fees:** 98% of the participant fees have been received (i.e., \$3,174,627 out of \$3,253,375)
 - **Dredger Shortfall:** \$97,614 shortfall this year. Funding from the Dredger reserve was used to cover this shortfall (see below).
 - **Accounts Receivables:**
 - CalTrans was recently invoiced \$78,748 with the completed Pulse as a deliverable with 11/30/14 due date

Other revenue

- \$100,000 received from the America's Cup mitigation funds (Port of San Francisco). These funds were applied to RMP 2014 USGS Benthic Recovery special study.
- \$7,000 interest in 2014 – received \$6,828 through 9/30/14. SC previously approved revision from \$12,000 to \$7,000 on 7/15/14.
- **Previously allocated funds for this year:**
 - **Approved set-aside/carryover funds (i.e., \$675,811):**
 - \$260,700 from 2010-2012 for Sport Fish (set aside)
 - \$147,536 from 2012-2013 for stormwater monitoring (carryover as a result of dry years – see memo 10/15/2013)
 - \$92,500 from 2013 for sediment chemistry (set aside)
 - \$50,000 from 2013 for contingency

- \$41,000 from 2013 for S&T fieldwork (set aside)
- \$36,821 from 2005-2009 for program review
- \$24,754 from 2013 for nutrients (carryover – see memo 1/28/2014)
- \$22,500 from 2013 for bivalves (set aside)
- **Approved funds from reserve used this year (i.e., \$348,904):**
 - \$121,610 from unencumbered reserve
 - \$97,614 from dredger reserve for dredger shortfall
 - \$50,000 for e-book
 - \$26,000 for PFC analysis in sediment and seals
 - \$23,000 for Selenium in Sturgeon Plug Study
 - \$20,000 for margins planning
 - \$10,680 for additional sport fish analyses

Expenditures to Date:

- **Labor:** Expended 65% of the labor budget (i.e., \$1,256,205 of \$1,946,100) after 9 months (75% of year). The lower burn rate is due to a few special studies that are delayed (e.g., stormwater monitoring and nutrient modeling). For non-special studies tasks, the percent of labor budget expended is 77%.
- **Subcontractors:** Expended 45% of the subcontractor budget (i.e., \$844,629 out of \$1,889,529). Contracts have been executed for nearly all S&T tasks. Payment of subcontracts will increase once laboratories begin to provide data.
- **Direct Costs:** Expended 35% of the direct cost budget (i.e., \$115,784 out of \$328,326). RMP staff expect direct costs to increase in Q4 significantly due to production costs for RMP Update, RMP Annual Meeting, field sampling, and honorariums.

RMP 2013

Requests: None

Updates: None

Labor:

- The remaining balance of 2013 labor funds (\$14,339) will support RMP staff as they conduct modeling of nutrients. All remaining 2013 funds are expected to be used by the end of the calendar year.

Subcontractors:

- The remaining balance of 2013 subcontract funds is \$114,839. One open contract (\$52K nutrient algal biotoxin research) and two placeholders remain (\$61K modeling & \$2K nutrients).

RMP 2012

Requests: None

Updates: None

Labor:

- The remaining balance of 2012 labor funds (\$30,530) will support RMP staff as they prepare a report on perfluorinated compounds in the Bay and prepare a report on bird egg monitoring. All remaining 2012 funds are expected to be used by the end of the calendar year.

Subcontractors:

- The remaining balance of 2012 subcontract funds of \$32,000 is a placeholder for nutrient-related modeling.

RMP 2011

Requests: None

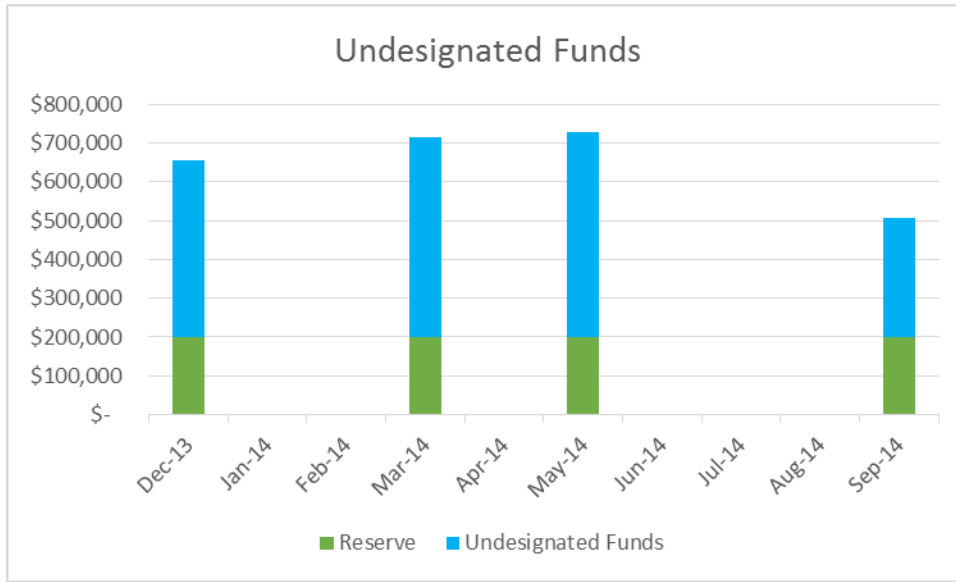
Updates: The RMP 2011 water year is now closed.

Subcontractors:

- The nutrient model development subcontract is finally closed

STATUS OF THE RMP UNDESIGNATED FUNDS

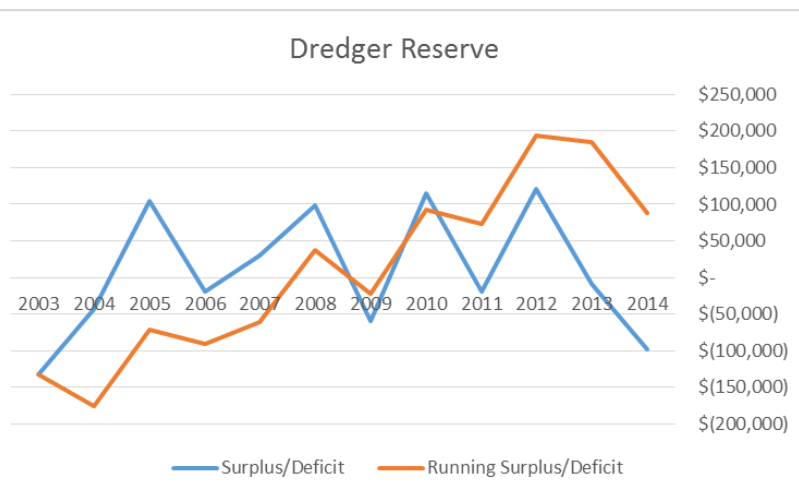
The SC has a goal to maintain its cash reserve of at least \$200,000 to allow for response to unanticipated funding needs or revenue shortfalls. Any remaining undesignated funds are available for spending at the discretion of the SC. The figures exclude the dredger reserve. The current undesignated funds thru 9/30/14 are **\$507,791**.



STATUS OF THE DREDGER RESERVE

The Dredger Reserve thru 9/30/14 is \$87,834. The following table presents the dredger surplus/shortfall by year. As presented above, \$97,617 was approved to cover a dredger shortfall in 2014.

Dredger Reserve	
Year	Surplus/Deficit
2014	\$ (97,614)
2013	\$ (8,359)
2012	\$ 120,214
2011	\$ (19,480)
2010	\$ 115,342
2009	\$ (59,576)
2008	\$ 97,815
2007	\$ 29,542
2006	\$ (19,324)
2005	\$ 104,520
2004	\$ (42,352)
2003	\$ (132,894)
TOTAL	\$ 87,834



Item 4, Attachment 2

Steering Committee RMP Budget Summary
as of 9/30/14

Budget and Current Expenses						
Year	Budget Item	Approved Budget	Expended	Balance	Expended	Funds to be Expended by
		\$	\$	\$	%	
2014	Labor	1,946,100	1,256,205	689,895	65%	
	SubContracts	1,889,529	844,629	1,044,900	45%	
	Direct Costs	328,326	115,784	212,542	35%	
	Set-asides	161,100	0	161,100	0%	
2014 Total		4,325,055	2,216,619	2,108,436	51%	
2013	Labor	164,280	149,941	14,339	91%	12/31/2014
	Subcontracts	309,777	194,938	114,839	63%	6/30/2015
2012	Labor	50,394	19,864	30,530	39%	12/31/2014
	Subcontracts	84,407	52,407	32,000	62%	12/31/2014
2011	Subcontracts	6,535	6,535	0	100%	9/30/2014
Prior Years Work-to-Complete Total		615,393	423,684	191,709	69%	

Cash, Set-Asides, and Undesignated Funds as of reporting date			
	Item	\$	Notes
	Cash on Hand	3,330,999	
	Total Current Liabilities (figures above)	(2,300,145)	
	Dredger Surplus	(87,834)	
Set-Asides	'13-'14 Water Chemistry	(110,700)	
	2005-2009 Program Review	(88,179)	TBD; \$37K approved withdrawal 5/6/14
	'13-14 Tern Monitoring	(50,625)	TBD
	'13-14 Cormorant Monitoring	(50,625)	TBD
	Monitoring Contingency	(50,000)	TBD
	2013 Sediment Benthos	(30,900)	TBD
	2013 Sediment Toxicity	(25,750)	TBD
	2014 S&T Data Mgmt	(15,000)	TBD
	2014 NIST Archive 2014/2015	(8,750)	2015
	'13-14 Aquatic Toxicity	(4,700)	TBD
Undesignated Funds		507,791	
Undesignated Funds prior period (5/31/14)		527,215	
Plus Accounts Receivables & Interest:			Anticipated Collections by
2014	Caltrans	78,748	11/30/2014 Invoiced & delivered Pulse
	Bank Interest	172	12/31/2014 Remaining Q4 interest
'10-11	Treasure Island (U.S. Navy)	11,309	11/30/2014
Undesignated Funds after Collections		598,020	

2012 RMP

Task	Budget	Remaining	Work to be Completed	Unencumbered	Rationale
3. STATUS & TRENDS MONITORING					
3.3 S&T Bird Egg	\$28,000	\$6,831	\$8,000	\$0	Data QA nearly complete. Report underway.
4. SPECIAL STUDIES					
4.3 ECWG: Monitoring PFCs in Bay Biota	\$46,390	\$22,530	\$22,530	\$0	All data reviewed. Outline developed. Report underway.
4.10 CFWG Modeling	\$60,000	\$146	\$0	\$146	CLOSED
	\$134,390	\$29,508	\$30,530	\$146	
	Totals	Remaining	Work to be Completed	Unencumbered	

2013 RMP

Task	Budget	Remaining	Work to be Completed	Unencumbered	Rationale
1. PROGRAM MANAGEMENT					
1.1 Internal Coordination (PM)	\$351,000				
1.2 External Coordination	\$26,000				
1.3 Contract&Financial Management	\$165,000	\$8,650	\$0	\$8,650	CLOSED
1.4 Program Planning	\$12,000				
2. INFORMATION MANAGEMENT & SYNTHESIS					
2.1 Data Management	\$135,000	-\$29	\$0	-\$29	CLOSED
2.2 RMP Web Site	\$5,000	-\$8,728	\$0	-\$8,728	CLOSED
2.3 Information Dissemination	\$136,000	\$2,282	\$0	\$2,282	CLOSED
2.4 Annual Reporting - Pulse of the Estuary	\$99,000	-\$30,393	\$0	-\$30,393	CLOSED. Pulse over due to multiple articles, graphic design, and development of coding for figures
2.4 Annual Reporting - Ann.Mon.Results 2013	\$40,000	\$19,566	\$0	\$19,565	CLOSED
2.5 QA/QC	\$28,500	-\$189	\$0	-\$189	CLOSED
3. STATUS & TRENDS MONITORING					
3.6 S&T Data Management	\$164,800	\$0	\$0	\$0	CLOSED.
3.2 Fieldwork & Logistics	\$42,000	\$4,122	\$0	\$4,122	CLOSED
4. SPECIAL STUDIES					
4.1 EC: PBDE Summary Report	\$36,050	-\$156	\$0	\$0	CLOSED. Manuscript nearly complete.
4.2 EC: Updating RMP EC Strategy	\$20,600	-\$26	\$0	-\$26	CLOSED
4.3 EC: Current Use Pesticide Focus Meeting	\$15,450	\$4,456	\$0	\$4,456	CLOSED. Ranked pesticides and presented to TRC/ECWG.
4.6 CF: Shared Modeling Proposal	\$30,000	\$14,339	\$14,339	\$0	Tactical plan developed. Will use these funds for model planning and implementation.
4.7 STLS: Stormwater Loads Monitoring in Rep. Watershe	\$152,000	\$33,441	\$0	\$0	CLOSED; \$33,467 carried over into 2014 budget, approved by SC 10/15/13
4.8 STLS: Develop and Update Spreadsheet Model - Year	\$25,000	\$15	\$0	\$15	CLOSED
4.9 STLS: Land use/ Source specific EMC	\$80,000	-\$145	\$0	\$0	CLOSED
4.10 STLS: Management support	\$20,000	\$15	\$0	\$15	CLOSED
4.11 Nutrients: Program Management	\$20,000	\$84	\$0	\$84	CLOSED
4.12 Nutrients: Moored Sensor Monitoring Program	\$105,000	-\$323	\$0	\$0	CLOSED
4.14 Nutrients: Stormwater measurements	\$20,000	\$25	\$0	\$25	CLOSED
4.15 Nutrients: Nutrient Loads and Data Gaps	\$30,000	-\$206	\$0	-\$206	CLOSED
4.16 Nutrients: Completing Conceptual Model	\$45,000	\$494	\$0	\$0	CLOSED
	\$1,803,400	\$47,295	\$14,339	-\$356	
	Totals	Remaining	Work to be Completed	Unencumbered	

Item 4, Attachment 4

Project Year	Cont #	Contractor	Project Title	Description	Amount	Billed	Balance	Project Mgr	Start Date	Expire Date	Type of Agency	Signed	Contract Status
2011	949	Sea Engineering	PSSS Bay Margins Model	Consulting on model development	\$ 17,000	\$ 11,431.00	\$ 5,569.00	Phil Trowbridge	8/1/2011	9/30/2014	Private	x	CLOSED
TOTAL					\$ 17,000.00	\$ 11,431.00	\$ -						
2012	1026	SJSURF	S&T SJSURF	Analysis of samples	\$ 34,593	\$ 34,593.00	\$ -	Phil Trowbridge	6/15/2012	8/1/2014	University	x	CLOSED
2012	1038	SCCWRP	PSSS Benthic Tools	Development of a benthic index	\$ 50,000	\$ 35,323.00	\$ -	Phil Trowbridge	8/15/2012	4/30/2013	JPA	x	CLOSED
2012	1046	TBD	PSSS Modeling	Consulting on model implementation	\$ 32,000	\$ -	\$ 32,000.00	Phil Trowbridge					pending
2012	PO2075	Dr. Mark Stacey	PSSS Modeling (CFWG)	Consulting on model implementation	\$ 8,000	\$ 8,000.00	\$ -	Phil Trowbridge	8/5/2014	9/30/2014	Consultant	x	CLOSED
TOTAL					\$ 124,593.00	\$ 77,916.00	\$ 32,000.00						
2013	1043	EBMUD	POC Nutrients		\$ 340	\$ -	\$ -	Emily Novick	9/15/2012	6/1/2014	Contract	x	CLOSED
2013	1051	UCSC	PSSS Nutrients Algal Biotoxins		\$ 65,000	\$ 13,309.58	\$ 51,690.42	Phil Trowbridge	1/1/2013	4/30/2015	Contract	x	Open
2013	1052	SCCWRP	PSSS Bioanalytical Tools		\$ 22,000	\$ 22,000.00	\$ -	Phil Trowbridge	3/1/2013	6/1/2014	Contract	x	CLOSED
2013	1053	UF	PSSS Bioanalytical Tools		\$ 48,000	\$ 48,000.00	\$ -	Phil Trowbridge	3/1/2013	6/30/2014	Contract	x	CLOSED
2013	1060	CCCSD	S&T Cyanide		\$ 2,675	\$ 2,675.00	\$ -	Phil Trowbridge	7/15/2013	4/1/2014		x	CLOSED
2013	1077	NIST	Sampling Refrigeration		\$ 17,509	\$ 17,509.02	\$ -	Phil Trowbridge				x	Open
2013	10xx	TBD	PSSS Modeling		\$ 61,350	\$ -	\$ 61,350.00	Phil Trowbridge					pending
2013	10xx	SCCWRP	PSSS Mesohaline		\$ 75,800	\$ -	\$ -	Phil Trowbridge					CANCELLED
Contingenc	10xx	TBD	PSSS Nutrients SW		\$ 1,799	\$ -	\$ 1,799.00	Phil Trowbridge					pending
2013	PO2027	HDR	PSSS Shared Modeling Proposal		\$ 4,750	\$ 4,144.20	\$ -	Phil Trowbridge	1/1/2013	6/1/2014	PO	x	CLOSED
2013	PO2029	KLI	PSSS Nutrients SW Measurements		\$ 1,000	\$ 1,000.00	\$ -	Phil Trowbridge	10/1/2012	6/1/2014	PO	x	CLOSED
TOTAL					\$ 300,223.02	\$ 108,637.80	\$ 114,839.42						