



RMP Steering Committee Meeting

January 19th, 2011

San Francisco Estuary Institute

First Floor Conference Room

7770 Pardee Lane, Oakland, CA

10:00 AM - 12:30 PM

DRAFT AGENDA

1.	Approval of Agenda and Minutes (Attachment)	10:00 Chair
2.	Information: Committee Member Updates	10:05 Group
3.	Information: Technical Review Committee Meeting Summary (Attachment) Topics of discussion at the December TRC meeting included: highlights of 2010/2011; discussion of CTAG-TRC joint meeting; and the Pulse.	10:10 Meg Sedlak
4.	Information: Budget Status (Handouts) An update on the status of the 2010 budget will be given.	10:20 Lawrence Leung
5.	Information: Modeling Update A new direction for the RMP modeling strategy appears advisable and will be discussed with SC members.	10:35 Jay Davis
6.	Information: Nutrients and Phytoplankton Nutrients are an increasing concern in the Bay, with a potentially significant role in the pelagic organism decline in the North Bay and in increasing phytoplankton in the South Bay. Jim Cloern is also approaching retirement. The RMP needs a strategy to address these issues. The Water Board, BACWA, USGS, and SFEI have begun meeting to develop a plan, and additional meetings have been scheduled.	10:50 Meg Sedlak
5.	Action: RMP Master Plan Workshop (Handout) Committee input is needed on planning and preliminary discussions of prioritizing for 2012 to set the stage for the February 7 th Master Plan Workshop.	11:10 Jay Davis

7.	Discussion: Joint CTAG-TRC Meeting (Attachment) The date for Joint CTAG-TRC meeting has been selected. A proposed agenda is attached.	11:30 Meg Sedlak
8.	Information: Pulse (Handout) The theme for this year's edition is Contaminant Effects on Aquatic Life. The outline will be discussed.	11:40 Jay Davis
9.	Discussion: RMP Annual Meeting The planning for the Annual Meeting needs to begin in the first quarter of 2011. We should pick a date (State of the Estuary is September 19 th through 21 st ; WEF-Tech – LA is Oct. 15 th -19 th), discuss a location (Oakland Museum, Water Board or somewhere else) and possible keynote speakers.	11:50 Meg Sedlak
11.	Information: Program Update (Attachment/Handout) An update on deliverables and workgroups will be presented. Set a new meeting date and conduct Plus/Delta exercise.	12:15 Meg Sedlak
12.	Adjourn	12:30



RMP Steering Committee Meeting

November 3rd, 2010

**San Francisco Estuary Institute
Second Floor Conference Room
7770 Pardee Lane, Oakland, CA**

1:00 PM - 3:30 PM

DRAFT MINUTES

Members Present:

Dave Allen, USS POSCO
Steve Bauman, Mirant
Kevin Buchan, WSPA
Ellen Johnck, Bay Planning Coalition
Tom Mumley, SFB RWQCB
Karin North, City of Palo Alto (alternate for Brad Eggleston)
Adam Olivieri, EOA/ BASMAA
Kirsten Struve, City of San Jose
Dan Tafolla, Vallejo Sanitation and Flood Control District

Others Present:

Rachel Allen, SFEI
Mike Connor, EBDA
Jay Davis, SFEI
Rainer Hoenicke, SFEI
Lawrence Leung, SFEI
Trish Mulvey, SFEI Board of Directors
Meg Sedlak, SFEI
Ian Wren, Baykeeper

1) Approval of Agenda and Minutes

Meg Sedlak reviewed action items from the previous Steering Committee (SC) meetings. She noted that she and Lawrence Leung had had a productive meeting with Adam Olivieri and Trish Mulvey about the accounting terms used in the RMP budget summary; Lawrence indicated that he had incorporated the recommendations from that discussion in the current memo. Ms. Sedlak and Mr. Leung also looked into developing an option for rolling average metal loads for the POTWs, however they concluded that it would not save on time or effort, and according to some BACWA members, the current method does provide valuable information for trends. Mike Connor noted that based on the

information provided by RMP, EBDA and EBMUD determined that they had been over-reporting chromium data.

Trish Mulvey asked that the action item table from the minutes be compiled and distributed as a separate document. Adam Olivieri motioned to approve the minutes, and Dan Tafolla seconded it. The minutes were approved unanimously.

Action items:

- Include the action item table as a separate document.

2) Committee Member Updates

There were no committee member updates.

3) Technical Review Committee Meeting Summary

At the September Technical Review Committee (TRC) meeting, the group discussed the possibilities for the analysis of sediment samples for dioxins, the funds for which the SC approved in the May SC meeting. The TRC recommended analyzing a combination of wet season and dry season samples. Also of note, the TRC discussed the sampling technique for pesticide analysis in water, and recommended collecting whole water samples rather than using the resin columns.

Jay Davis mentioned that he will distribute to the SC a scope for fact sheets, and the draft of the triclosan and triclocarban factsheet. Kirsten Struve mentioned that there is already a triclosan fact sheet. Karin North confirmed this, but mentioned that it was created in 2003, and that it does not explain the science, which the RMP version will. Jay Davis added that it will also provide links to relevant data.

Action items:

- Distribute fact sheet scope and draft triclosan and triclocarban fact sheets to the SC.

4) 2010 Budget Status

Lawrence Leung reviewed the status of the budget, noting that it is on track for 2010. Paradise Cay is continuing to pay off its fees in incremental amounts. The balance from the 2005-2007 fees owed by Caltrans should be received shortly, and the 2010 fees will be received next October upon completion of deliverables (Pulse and Annual Meeting).

Adam Olivieri asked if Lawrence Leung follows up on bills and invoices, such as Paradise Cay. Lawrence Leung confirmed that he routinely calls to remind the organizations. Tom Mumley asked that the RMP move towards paperless billing practices. Mike Connor suggested that a web-based spreadsheet would facilitate the submission of the POTW annual loading data.

The RMP is aiming to maintain a reserve of about \$200,000. Tom Mumley noted that including the expected Caltrans fees, the reserve is currently over \$300,000.

Meg Sedlak indicated that as a result of cost-saving measures that the 2010 subcontractor budget has approximately \$16,000 that is unallocated. She requested that approximately \$15,000 be reallocated to retain a consultant, Craig Jones, to complete the Margins Conceptual Model project. This project was delayed in part due to the departure of John Oram in June of 2010.

Tom Mumley noted that while he agrees that this project is a priority, in the future he would like to see a prioritization of unfunded projects, to determine where suddenly available funds such as these could be spent most effectively. Kevin Buchan and Dan Tafolla agreed that such a prioritization would be helpful. Meg Sedlak indicated that she prefers to have all projects go through the normal process of funding, and that she reserves these special requests for projects that encounter unexpected setbacks or for time-sensitive opportunities such as 2010's NOAA Mussel Watch collaboration.

Tom Mumley also indicated that the December 2010 deadline can be extended to January 2011 if it will improve the final product. Meg Sedlak noted that the current schedule is for a first draft in December, with review in January.

Kevin Buchan recommended approval of the reallocation of subcontractor funds. Tom Mumley seconded it, the funding was approved.

Action items:

- Move towards using paperless billing practices for WWTP invoices and data submission.
- Allocate \$15,000 to Craig Jones for lead-authoring the Margins Conceptual Model report.

5) Approval of 2011 Draft Program Plan/ Budget

Meg Sedlak noted that the new planning agenda has moved approval of the budget up one quarter to the October meeting. In October 2010, with regard to participant fees, the SC did not approve an increase in fees for 2012; fees will remain the same as 2011. There is an \$11,471 shortfall from dredgers. There was a surplus in dredger funds in 2010, so staff is requesting the use of these funds to cover the \$11,471 shortfall in 2011.

The projected revenue from interest for 2011 is low. SFEI had estimated that the revenue from interest would be \$25,000. At this time, we estimate only \$15,000. Consequently, Ms. Sedlak requested an additional \$10,000 to cover the shortfall in interest. She also requested \$52,000 for analysis of dioxin samples, which had been deferred (a memo was included in the agenda package on this).

In reviewing the 2011 Expenses spreadsheet, Tom Mumley asked for a clarification of "Other Direct Costs". Meg Sedlak noted that expenses such as printing the Pulse, annual

meeting costs, honorariums for panel members, equipment such as rain jackets, and the financial audit are all included in this category.

Tom Mumley noted that he found the style of the Program Plan wordy, and asked for clarification of the intended audience. Meg Sedlak clarified that it is a general summary intended for the SC, with details included in the companion document: the detailed workplan, reviewed annually by the TRC. Tom Mumley suggested that the Program Plan be written with the “punch line” at the beginning, with rationale following. Kirsten Struve suggested that the hierarchy of documents be more clearly laid out.

Tom Mumley asked for a one-page summary of the RMP Program Plan, based on the budget summary on the last page of the Program Plan. Karin North suggested that this one page document could also lay out the document hierarchy and provide appropriate links to more detailed sources of information.

Adam Olivieri commented that it would be useful to have a separate budget summary table that was annotated with descriptions of each of the items. Karin North suggested using an 11 by 17 inch paper to get all of the information on one page. She also noted that if it is posted on the web, it could be linked to more detailed descriptions.

Tom Mumley also asked how comments from the TRC get incorporated into proposals for the projects, and where the predicted product from the projects is stated. Jay Davis noted that the revised proposals are included in the scopes of work as part of the contracts.

Tom Mumley asked whether the special studies are posted on the web and Jay Davis indicated that the Detailed Workplan includes a summary of the study ideas. It was suggested that the RMP post the studies on the web. Adam Olivieri commented that there are really three documents: the Program Plan, the budget and the Detailed Workplan and that each needs to reference the other two documents.

Mike Connor noted that all parties agreed that the copper and salmon study would meet the TMDL requirement, and Tom Mumley concurred. Adam Olivieri asked if the funding requests (dioxin funds, reserve interest, and dredger shortfall) were needed in order for the RMP to operate. Meg Sedlak noted that the dioxins study could be deferred another year but that the \$20,000 from interest and dredger shortfall are necessary. Tom Mumley motioned to approve the Program Plan, with the modifications, which Adam Olivieri seconded. The Program Plan was approved.

Action items:

- Aggregate funded special studies and make them available on the website.
- Make the recommended clarifications and corrections to the Program Plan.

6) Approval of 2011 Master Plan and Decision on 2012 Fees

Jay Davis outlined the format and improvements in the Master Plan, including an update of Figure 2. He stated that approximately 40% of funds go to program management, and the further breakdown of allocation of funds is laid out in the Master Plan. If the stakeholder fees remain fixed, there will be a shortage in funds resulting in less work (i.e., funding for special studies would decrease). Because of municipal and other agencies' financial planning cycles, the SC will need to decide on the fees for 2012 during this meeting so the agencies can budget appropriately.

Tom Mumley lauded the Master Plan, mentioning that it gives a sense of what the RMP is doing. Assuming that the fees are not increased, there will be a substantial shortfall in funds for Special Studies in 2012. Jay Davis noted that Meg Sedlak will flesh out the Status and Trends Five-year plan in the first quarter of 2011.

Jay Davis circulated a handout outlining budget scenarios for Special Studies in the upcoming years based on various increases in RMP fees, SFEI labor, and subcontractor rates. Ideally, fees would keep pace with salary increases, and the Program would not have to shrink. Rainer Hoenicke noted that since fee increases have not kept pace with inflation there has effectively been a decline in RMP funds since 2005. He added that SFEI salary structure is currently about 30% lower than the salary classes in comparable agencies, such as EBMUD and SFPUC. As an organization, SFEI needs to ensure that it does not lose staff because of the salary discrepancy. He therefore urged the SC to consider a scenario where the RMP fees do not remain flat.

Kevin Buchan supported the SFEI decision to adjust its salaries as necessary. However, he indicated, as did Adam Olivieri, that it is currently not possible to increase RMP fees. Tom Mumley asked the overarching question of "what do we want the RMP to do?". If required, the Water Board could start using regulatory measures to maintain the scope of work of the RMP.

Dan Tafolla asked if the agencies could make up fee increases at a later date.

Adam Olivieri stated that if the RMP was operating with a smaller budget perhaps some items could be deferred or performed less frequently, such as producing the Pulse once every two years. Trish Mulvey suggested that the Status and Trends monitoring could be performed every other year. Tom Mumley suggested that studies such as small tributary loading studies need not be performed with RMP funds if the program were pressed for resources, as it does not benefit all of its member organizations. However, this would require the stormwater agencies to meet the regulatory requirement through other programs/entities, and may not be as economically efficient as conducting this work through the RMP.

Tom Mumley summarized the general consensus: that the agencies cannot approve a fee increase for 2012. However, Ian Wren and Adam Olivieri suggested that RMP staff lay out the consequences of a decrease in special studies funding by prioritizing projects and determining which are required. This will be taken into account at the Master Planning workshop, along with issues such as Jim Cloern's retirement from the USGS and the

potential loss of water quality monitoring that is currently conducted by that group. Kevin Buchan suggested that RMP studies that benefit specific groups would be the first to be cut, while Adam Olivieri considers the first priority of the RMP to be permit compliance. Rainer Hoenicke suggested that this discussion be outlined by Meg Sedlak and Jay Davis and included in the agenda for the planning workshop.

Regarding additional resources, Rainer Hoenicke suggested that the SC discuss working with Judy Kelly to get additional funds, such as USEPA funds, at a later meeting. Tom Mumley noted that there has been no concrete progress with regards to SEP funds; however, if the RMP has a list of project needs identified, then they could potentially use SEP money to fund some of them. Tom Mumley also noted that future USEPA funding may be limited to restoration efforts. Trish Mulvey asked about program review; however the group felt that this was low on the list of priorities. This topic can be addressed in the planning workshop.

The group concluded that the Program would not increase fees in 2012. Mike Connor pointed out that this decision reflects “what we want the RMP to be”, because the same level of funding will necessarily make possible less work as the years go on. He suggested that the SC could decide now to make up the deficit by increasing fees 6% in 2013. In the meantime, each of the stakeholders should prioritize RMP activities and identify areas where there could be cuts. Kevin Buchan motioned for a 0% increase in fees for 2012, which Ellen Johnck and Kirsten Struve seconded. The motion was approved.

Ellen Johnck motioned to endorse the Master Plan. Kevin Buchan seconded the motion, and the SC voted unanimously to endorse the Master Plan.

Kevin Buchan noted that the Master Plan should remain an internal document and not be distributed beyond the SC. RMP staff will use a web-based tool to schedule the Master Planning Workshop for February 2011.

Action items:

- Each stakeholder group to consider RMP project prioritization in preparation for the Planning Workshop.
- Include a program review as a potential task for 2012 at the Planning Workshop.
- Schedule the Master Planning workshop for a date in February 2011.

7) Dredger Fees for 2011 to 2013

Meg Sedlak and Lawrence Leung proposed to set up a separate account to help mitigate the variability in funds received from dredgers, which arises as a result of the fluctuation in the amount of material dredged within any one given year. Lawrence Leung proposed saving any dredger surplus in a separate account to offset the years in which there are dredger shortfalls.

Lawrence Leung explained that the fees would remain the same for 2011-2013 period. As part of the dredger fee system approved in 2007, the rolling average for dredger volumes for the Annual dredgers (the top five) is recalculated every three years. The fee rate for 2011-2013 will be \$0.60 per cubic yard of disposed material. Lawrence Leung indicated that if the new volumes resulted in surpluses for a number of years, the SC could revise the rate.

Ellen Johnck noted that with the implementation of the LTMS, the amount of material being deposited in the Bay is decreasing. She supported the plan of a separate account.

Tom Mumley motioned to approve the letter to the dredgers, notifying them of the dredger fee rates and revised bin volumes. Adam Olivieri seconded the motion, and the motion passed unanimously.

8) Annual Meeting and Pulse

Jay Davis relayed the TRC recommendation for the theme of the 2011 Pulse to the SC: “effects of contaminants on aquatic life in the Bay”. This would also be the theme for the Annual Meeting. He noted that it is well-timed with a forthcoming summary on the Exposure and Effects Pilot Study.

Tom Mumley asked if there was enough good material to produce a Pulse on this topic, but also noted that the RMP has never had trouble developing an interesting day long meeting.

Jay Davis added that the effects articles would cover benthos, birds, and fish, and would require collaboration from a number of different researchers. The deadline for draft articles this year will be March. Karin North added that Janet Thompson, of USGS, did a benthos study at Palo Alto, which could be included.

The group approved the topic of “effects of contaminants on aquatic life in the Bay” for the 2011 Pulse and Annual Meeting.

Meg Sedlak gave a recap on the 2010 Annual Meeting, which notably had lower attendance than previous years, with only 160 attendees. The survey only had 20 respondents which is not very representative. Kevin Buchan noted that it is generally very difficult to get feedback from participants. Karin North noted that the Bay Area Pollution Prevention Group had noted that the meeting was stormwater centric, and therefore chose not to attend. Tom Mumley suggested that the decrease in attendance was likely more linked with the economy than with the chosen topic.

With regards to incorporating the RMP meeting as a day in the State of the Estuary (SOE) Conference, Tom Mumley noted that the SOE may be only a two-day meeting, and that including the RMP as part of it may require that the RMP purchase a day at the Marriott Convention Center.

Jay Davis asked if the RMP should hold another Mercury Meeting this year, or potentially have a meeting on another topic. Tom Mumley noted that the Annual Mercury Meetings have been helpful and successful; however it does not seem to be necessary for 2011.

Action items:

- Look into including the RMP Annual Meeting in the SOE conference.
- Include the feedback on communication formats from the RMP Annual Meeting at the next SC meeting.

9) Plus/Delta on today's meeting

The next SC meeting will be held on January 19, 2011. An on-line poll will be set up to determine the date of the next Master Planning workshop.

Ellen Johnck announced that she is leaving the Bay Planning Coalition, and that December 31st is her last day as Executive Director. She will remain in contact with the organization as a consultant, and will help the new Executive Director with her role on the SC.

#	Action Items – November 2010	Who?	When?	Status 1/11/2011
1	Distribute factsheet scope and draft Triclosan and Triclocarban factsheets to the SC	Jay Davis	First quarter 2011	Pending. To be addressed in first quarter 2011
2	Allocate \$15,000 to Craig Jones for lead-authoring the Margins Conceptual Model report	Meg Sedlak	November 2011	Done
3	Develop website tool for uploading of WWTP metal loads	Meg Sedlak	December 22nd	IT team is working on a site for the 2011 invoicing.
4	Update the RMP 2011 Program Plan based on feedback	Meg Sedlak	By December 1	Posted on web-site
5	Each stakeholder group to consider RMP project prioritization in preparation for the Planning Workshop	RMP stakeholders	By January 19 th , 2011	
6	Send out a Doodle poll for the SC planning workshop	Rachel Allen	Completed.	Date set for February 7 th .
7	Include a Program Review as a potential task for 2012 at the Planning Workshop	Meg Sedlak	To be included in Feb 7 th agenda	
8	Update SC on lunchtime communication poll from the RMP Annual Meeting.	Rachel Allen	To be included in January 19 th SC agenda	To be addressed at January 19 th SC meeting
9	Evaluate coordinating the 2011 RMP Annual Meeting with the State of the Estuary Conference	Meg Sedlak		On the agenda for the January SC meeting

#	Action Items – August 2010	Who?	When?	Status 1/11/2011
1	Speak with Rob Lawrence to encourage more participation by the USACE in the RMP.	Ellen Johnck		Sent e-mail to Ellen on this issue
4	Speak with the USACE about RMP and USACE coordination and funding collaboration.	Ellen Johnck and Rainer Hoenicke		
7	Send an example of the standard balance sheet to Lawrence Leung and SC members.	Ellen Johnck		Sent e-mail to Ellen regarding this issue.

#	Action Items – January 2010	Who?	When?	Status 1/11/2011
5.	Develop a Strategy for Status and Trends	Meg Sedlak	First quarter 2011	Pending

RMP Water Qual represented	MEMBER	Affiliation	2008				2009				2010			
			1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
POTW-Large	Dave Tucker (1)	City of San Jose	X	P	P	P	X	X	P	P	P	P	-	-
POTW-Large	Arleen Navarret (3)	SFPUC	-	-	-	-	-	-	-	-	-	-	P	-
POTW-Large	Kirsten Struve (4)	City of San Jose	-	-	-	-	-	-	-	-	-	-	-	P
POTW-Med	Dan Tafolla	Vallejo Sanitation and Flood Control District	P	P	P	P	P	P	X	P	X	P	X	P
POTW-Small	Ken Kaufman	South Bayside System Authority	X	X	X	X	X	X	X	X	X	X	X	-
POTW-Small	Brad Eggleston (5)	City of Palo Alto	-	-	-	-	-	-	-	-	-	-	-	(6)
Refineries	Kevin Buchan	WSPA	P	P	P	P	X	(2)	P	P	P	P	P	P
Industry	Dave Allen	USS POSCO	P	P	P	P	X	P	P	P	X	P	P	P
Cooling Water	Steve Bauman	Mirant Delta, LLC	X	X	X	X	X	X	X	X	X	X	X	P
Stormwater	Adam Olivieri	EOA, Inc	P	X	P	P	P	P	P	P	P	P	P	P
Dredgers	Ellen Johnck	Bay Planning Coalition	X	P	P	P	X	X	X	P	P	W*	P	P
SF-RWQCB	Tom Mumley	SFB RWQCB	P	P	P	P	P	P	P	P	P	P	P	P
SF-RWQCB	Karen Taberski (backup)	SFB RWQCB	-	-	-	-	-	-	-	-	-	-	-	-
US Army Corps of Engineers	Rob Lawrence		C	X	X	X	X	X	X	X	X	X	X	X

Notes:

1. Dave Tucker elected to SFEI Board, June 2008	P = present	C = call-in
2. Marcus Cole filled in for Kevin Buchan	X = not present	W* = provided input at RMP master planning workshop 4/21/10
3. Replaced Dave Tucker as Large POTW Rep in May 2010		
4. Replaced Arleen Navarret as Large POTW Rep in Sep 2010		
5. Replaced Ken Kaufman as Small POTW Rep in Nov 2010		
6. Karin North filled in for Brad Eggleston	- = not a rep at time of meeting	

RMP Technical Review Committee Meeting

December 15, 2010

San Francisco Estuary Institute

First Floor Conference Room

7770 Pardee Lane, Oakland, CA

10:00 am – 4:00 pm

DRAFT MINUTES

Meeting Participants

Bridgette DeShields (Arcadis (WSPA))

Eric Dunlavey (City of San Jose)

Tom Hall (EOA, Inc. (South Bay Dischargers))

Mike Kellogg (City and County of San Francisco)

Francois Rodigari (EBMUD)

Chris Sommers (EOA, Inc. (Stormwater Agencies))

Karen Taberski (SFB RWQCB)

Luisa Valiela (USEPA) (via telephone)

Rachel Allen (SFEI)

Jay Davis (SFEI)

Ben Greenfield (SFEI)

Jen Hunt (SFEI)

Michelle Lent (SFEI)

Lester McKee (SFEI)

Aroon Melwani (SFEI)

Meg Sedlak (SFEI)

Don Yee (SFEI)

Andy Jahn (Independent Consultant)

Trish Mulvey (SFEI Board)

Ian Wren (Baykeeper)

1) Introduction, Approval of Minutes, and Review of Action Items

Meg Sedlak reviewed the action items from the previous Technical Review Committee (TRC) and Steering Committee (SC) meetings. She noted that planning for the proposed joint north-south stormwater meeting is just starting. Ms. Sedlak is meeting with the SFEI web developer in late December to discuss a web tool for uploading metals data from the wastewater treatment plants (WWTPs).

Francois Rodigari appreciated that the action items were included as a separate table. He asked if Jay was planning on working directly with Amy Chastain on the upcoming fact sheets. Jay Davis indicated that he will work with both RWQCB and BACWA on the fact sheets.

Tom Hall noted the he met with Brad Eggleston and Ken Kaufman to talk about transitioning from Ken Kaufman to Brad Eggleston as the SC rep. He also noted that the BACWA permits committee will put a standing item on their agenda to discuss the RMP, to promote more frequent interaction between the RMP and BACWA. Tom Hall and Jim Ervin of San Jose are both on the BACWA permits committee.

Francois Rodigari motioned to approve the minutes, Karen Taberski seconded, and the minutes were unanimously approved.

2) Information: SC meeting Update

Meg Sedlak noted that the SC voted for a 0% increase of fees to the RMP for 2012. This will impact the RMP budget, and in 2011 she will look at the Status and Trends (S&T) budget to determine whether cuts can be made in 2012.

The SC approved funds for the analysis of dioxins, per the recommendation from the TRC. They also concluded that there was not a need to host the annual RMP Mercury conference in 2011, as it has in recent years. The need for a mercury conference, or a similar meeting on another topic in 2012, will be addressed in 2011.

Ms. Sedlak gave a brief update on the RMP Annual Meeting, noting that participation was down significantly. Only 160 people attended in 2010 – the lowest number in 5 years. Similarly, relatively few individuals completed the meeting survey. The SC suggested that stormwater people may have been less likely to attend the meeting. Karen Taberski noted that some organizations that focus on the Bay were disappointed that the RMP Annual Meeting was not about the Bay.

3) 2011 Pulse

Jay Davis outlined the timetable for the 2011 Pulse, and asked for feedback on the proposed titles for management and feature articles. The SC approved the theme of “Contaminant Effects on Aquatic Life” in November.

The management section may only have one article: a discussion of the State of the Bay report card. Dr. Davis, Josh Collins, and other SFEI staff will be working collaboratively with Andy Gunther and the Bay Institute on the report card, and it will be released in the summer of 2011, in time for the State of the Estuary conference. The TRC will have a chance to review the report card during its creation, and it will also be vetted by OEHHA and the Water Board. Jay Davis clarified that the report card will likely be for specific contaminants and by Bay segment, and a companion document will accompany the report card to explain and elaborate on it. The Pulse article would present a summary of the report card from the RMP perspective.

With regards to other Pulse sections, the latest monitoring results will give new data and the water quality trends at a glance will be revamped and condensed down with input from Judy Kelly, and with added graphs from David Schoelhammer on SSC and salinity in the Bay.

The feature articles would each focus on a different taxon, including fish, birds, benthos, phytoplankton, and possibly seals.

Mike Kellogg offered to be involved in the benthos article, although he does not want to lead it. Jay Davis stated that he would like for Chris Werme to be involved and to assist in the writing of several of the Pulse articles. He suggested that the benthos article might

benefit from her input. SFEI is currently trying to hire a sediment quality scientist, but it is unclear how quickly this process will move along.

Jay Davis noted that the phytoplankton article has a head start because Thomas Jabusch drafted a phytoplankton article for the first Pulse of the Delta, which is in its final review stages. Tom Hall offered to be involved in the article, but was not interested in co-authoring it. It is likely that Jim Cloern will also assist in this article. Tom noted that the phytoplankton levels vary across the Bay with low levels observed in Suisun and increasing levels observed in South Bay. Karen Taberski asked that the draft articles for the Delta Pulse be sent around to the TRC.

Tom Hall and Karen Taberski noted that while there are a lot of phytoplankton data from Jim Cloern and Dick Dugdale's work in the Bay, there may be data gaps that the RMP may want to investigate in the future. Jim Cloern's retirement is approaching, and when he retires it is likely that the USGS will cease to fund the monitoring of water quality in SF Bay. Meg Sedlak, Mike Connor, Tom Mumley and Rainer Hoenicke recently met with Jim Cloern recently to discuss how to continue data collection after his retirement. The group decided to have a workshop in June 2011 to educate the community about the nutrient and phytoplankton issues in the Bay. In this meeting it will be important to discuss information needs and data gaps, to design a program that addresses these gaps, and to discuss where a program could be housed. Karen Taberski offered to participate in these discussions as the representative from the TRC. Andy Jahn suggested that species counts of chlorophyll be included in the phytoplankton section.

Meg Sedlak thought it would be timely to include an article or sidebar on seals given the wealth of contaminant studies that have been conducted. She also indicated that The Marine Mammal Center (Denise Greig) was completing a study on contaminant effects on seals.

Tom Hall noted that the State Board is in the process of creating a whole effluent toxicity policy. Although RMP data suggest that there is little water toxicity in the Bay, there is a perception that it may be a problem, perhaps in part because water column toxicity has been an issue in streams around the State. Data from these streams and tributaries might be interesting for comparative purposes. Jay Davis suggested compiling the water toxicity data, showing that it is not a problem, and potentially writing a management sidebar or article based on this information. Sediment toxicity tests will be discussed in the benthos feature article. Karen Taberski indicated that she had reviewed the toxicity data for a short technical memorandum from the SWAMP.

Action items:

- Send the draft Delta Pulse articles to the TRC members.
- Include Karen Taberski in the next USGS/Cloern Water Quality monitoring program meeting, to be held in January 2011.
- At the next TRC meeting, include an item on planning for nutrient analyses after Jim Cloern's retirement.

4) CTAG-TRC meeting

The CTAG-TRC meeting is proposed for May 19th, 2011, at SCCWRP. Bridgette DeShields noted that she is unavailable that day, so Meg Sedlak will look into changing the date of the meeting (*After the meeting it was determined that it was not possible to reschedule the meeting based on a survey of CTAG members*). In the meantime, Karen Taberski offered to join the planning committee with Bridgette DeShields, Steve Weisberg, and Dominic Gregario, and could act as chair if it were held a day when Bridgette DeShields could not make it. Meg Sedlak will check with Steve Weisberg to determine if SCCWRP needs to do their director's report at the meeting (*Steve indicated that they can do the director's report before the CTAG-TRC meeting begins*).

The agenda currently proposes a discussion of effects, which would be a good opportunity to compare SCCWRP and RMP approaches, nutrients, stormwater, and emerging contaminants. There was also some discussion of inclusion of shellfish surveys because there is a state-wide effort underway. The stormwater update may not be necessary if a joint north-south stormwater meeting is held independently, although a briefing could be helpful.

Action items:

- Look into changing the date of the CTAG-TRC meeting to the week of May 23-27.
- Check with Steve Weisberg to determine if SCCWRP needs to do their director's report at the meeting.

5) Detailed Workplan and Master Plan

RMP staff updated the TRC on progress made in 2010, and plans for 2011.

Jay Davis outlined the special studies as proposed in the RMP Master Plan. In 2011 and 2012, there are a lot of synthesis efforts, so the future work and funding is largely unknown at this time. There is a lot on the plate for 2012, so the RMP will need to do a lot of prioritization of its goals.

Karen Taberski pointed out that the figures listed as "available for special studies" are just projected, based on assumptions of RMP costs and available funding.

a. Sources, Pathways, and Loadings

Lester McKee reviewed the progress of the Sources, Pathways, and Loadings workgroup (SPLWG). It was originally formed in 1999, with the intent of gathering information on the major pathways of contaminants to the Bay. The Small Tributaries Loading Strategy (STLS) focuses on just one of these pathways – small tributaries – and provides a link between the RMP and the Municipal Regional Permit (MRP).

Work in 2010 included meetings with the SPLWG and the STLS team, as well as the joint CTAG-TRC meeting in May 2010, and numerous projects and products. Chris Sommers pointed out that the 2010 Guadalupe River loads monitoring project was not RMP funded, although the RMP did support PCB monitoring in the Guadalupe River.

i. 2010 Watershed Classification

Lester McKee presented the budget for watershed classification through 2015. The projects for each year total to between \$325K and \$550K. Jay Davis pointed out that this projection may need to be revised, as the RMP does not have sufficient funds at this point to cover all of the projected information needs. Chris Sommers added that the MRP requires twice as much work as the RMP is providing, which puts additional pressure on the Municipal agencies.

ii. 2010 Optimizing sampling

Lester McKee highlighted the optimizing sampling for loads and trends project, which was designed to determine a reasonable balance between cost and accuracy and precision in loading information.

iii. 2010 Guadalupe Watershed Model

Michelle Lent presented the progress on the Guadalupe watershed model. Currently, she is working on calibrating the sediment part of the model, and incorporating mercury data. The model simulates sediment transport reasonably well; however, the model is not very good at predicting catastrophic events such as bank failures that may release large Hg loads (2003 had particularly high mercury concentrations). In 2011, the project will focus on adding PCB modeling capabilities, jointly calibrating PCBs and mercury, and completing the draft report.

iv. 2010 Regional Spreadsheet Model and Land-Use specific Event Mean Concentrations (EMCs)

The regional spreadsheet model and land-use specific EMCs apply land-use information to predict runoff volumes. Initial results suggest that this approach is producing more accurate and precise results compared to a model based on percent imperviousness. A report is due in February 2011.

v. 2011

Lester McKee outlined the three main tasks for the SPLWG for 2011, which are the regional loading spreadsheet model (\$20K), monitoring stormwater from 16 small tributaries in the Bay Area (\$300K), and management support for the STLS (\$20K).

Chris Sommers pointed out that the 16 tributaries selected for loads monitoring were selected from 187 potential sites and represent watersheds more likely to have high contaminant loads, varying watershed size, and areas of mixed commercial/ residential use. This variety should help the STLS team understand variability in watershed type and loading. With the continued monitoring of watersheds over a number of years the team will begin to characterize the variability in loadings from watersheds, and will then be able to begin testing the efficacy of BMPs.

b. Dioxin Strategy Update

Don Yee updated the TRC on the dioxin strategy. The Master Plan outlines dioxin analyses in a number of matrices through 2012. Data from the 2009 fish, water and sediment analyses are currently being reviewed. Jay Davis indicated that OEHHHA had requested the sport fish data as part of their update of the sport fish advisories for PCBs, Hg, and dioxin. It is likely that the sport fish data will be included as part of OEHHHA's release of the new advisories.

A preliminary analysis of the 2009 dioxin sediment and water data shows higher concentrations in the South Bay. Based on the recommendation of the TRC, sediment samples from 2008 (dry season) and 2010 (wet season) and cores from the Bay and wetlands have been sent to the lab for dioxin analyses. The results are expected back by the first quarter of 2011.

Loading estimates are being developed for the San Joaquin/Sacramento River, Guadalupe River, and Zone 4 Line A tributary. The results of the Guadalupe loads are pending the release of SSC data from USGS. A draft report on air deposition of dioxins using the California Air Resources Board air concentration data will be completed in December 2010.

In 2011, the dioxin strategy team will focus on status and trends water sites.

c. Mercury and PCB Strategy Update

Jay Davis gave an overview of the RMP mercury strategy. In 2010, the mercury strategy focused on small fish monitoring, manuscripts on the Hg isotope work and a report from the diffusive gradient thin-film (DGT) work, the methylmercury mass budget, and a report on the effects on birds. Jay noted that the avian effects work was at a stopping point because the study concluded that the existing TMDL mercury monitoring target is protective of terns, so there is no need to revise the threshold.

i. 2011 Mercury Synthesis

In 2011, the mercury strategy is focused on preparing a synthesis report on what is known and what information is needed about mercury cycling in San Francisco Bay. The synthesis team is collaborating with the Coastal and Marine Mercury Ecosystem Research Collaborative (C-MERC), and the final report will be drafted by spring 2011, to be part of a journal special issue along with the other C-MERC papers. The paper was outlined at the C-MERC workshop in September 2010, and will also include a human health component. The next step for the project is a meeting with the coauthors in January 2011.

ii. 2011 PCB Synthesis

In the second half of 2011, the RMP will review the status of knowledge about PCBs in the Bay. This synthesis may overlap with the bioaccumulation conceptual model and the margins conceptual model, and will therefore have some linkage with these projects.

Tom Hall asked if the synthesis will evaluate information with respect to the most toxic PCBs. Jay Davis indicated that the report would address this topic.

iii. 2010 and 2011 Small Fish

Rachel Allen updated the TRC on PCBs and Hg in small fish work in 2010 and 2011. 2010 was the last year of intensive spatial monitoring for Hg in small fish, and also included targeted and random PCB sites. Work on Hg isotopes in fish and sediment indicated that sediment is an important source of Hg to fish. A report on DGTs is being reviewed internally and by the CFWG.

In 2011, small fish work will be limited to four sites for seasonal sampling. This data will add to previous seasonal data sets to help in determining seasonal patterns in methylmercury uptake.

d. Modeling and Forecasting

Jay Davis indicated that the RMP modeling strategy is moving away from using SUNTANS, the model in development by UC Berkeley and Stanford. Some of the issues with SUNTANS are the high level of expertise needed, the large amount of data needed as input, and the length of time it will take to develop the model. Craig Jones, who has helped with the margins conceptual model, recommended investigating other dynamic 3D approaches that are lower resolution than SUNTANS, and therefore more likely to be usable by the RMP community in a much shorter time frame such as two to three years. These models are less risky and more likely to provide the modeling capabilities needed for the next round of TMDL development. This advice from Craig Jones still needs to be vetted with the CFWG.

Karen Taberski indicated that SUNTANS was currently being used by Dick Dugdale and Jim Cloern to model nutrients. It was clarified that nutrients were likely part of the hydrodynamic portion of the model and that the link to sediment transport/contaminants is the difficult part.

The TRC requested that the CFWG weigh in on switching models and that RMP staff determine the remaining budget on the existing SUNTANS task to see whether this funding could be redirected. Ben Greenfield indicated that most of the work had been completed on the project.

The TRC requested to be kept more informed of significant changes in scope and that there be a good process when decisions are made to abandon or redirect work.

Chris Sommers requested a detailed table and matrix of what models exist and which ones we are likely to move forward with.

i. 2010

The 2010 forecasting projects included the margins conceptual model, which will be drafted in January, SUNTANS development, which is on track, and the bioaccumulation conceptual model, which will have a draft in February.

Ben Greenfield pointed out that because the RMP is proposing moving away from the SUNTANS model, we do not know if the 2010 work will be useful. Don Yee added that the first part of the model is focused on hydrodynamics, which may be useful for phytoplankton and nutrients. The SUNTANS team has not yet transitioned to sediments, which will be necessary for contaminant modeling, and they are less interested in this component of the model.

Chris Sommers asked about the timeframe for the 2010 work, and the status of the 2010 budget. Ben Greenfield indicated that the funding for Ed Gross has been spent, and that the majority of the work planned for Mark Stacey's team has been performed.

Jay Davis indicated that RMP staff would evaluate how much work has been completed by Mark Stacey's UC-Berkeley group, and determine if there are residual funds. Bridgette DeShields added that we should ask for a report on work that could be useful to the RMP. Chris Sommers suggested that the CFWG be consulted for a recommendation on what work from the SUNTANS team would be useful in the future, and what sort of model the RMP should pursue instead of SUNTANS.

ii. 2011

A revised forecasting strategy, based on recommendations from the CFWG, will be prepared by June 2011, and will feed into planning for 2012.

Francois Rodigari requested that the TRC have an opportunity to evaluate the options for future modeling work, to appropriately vet the decision to abandon SUNTANS and the choice of an alternative. Meg Sedlak confirmed that the TRC will be consulted for the next forecasting strategy.

e. Exposure and Effects

Aroon Melwani presented highlights and updates of Exposure and Effects work from 2010.

i. Benthic Workgroup

The benthic workgroup held meetings in April and October 2010. The team completed manuscripts on assemblages in San Francisco Bay and the Best Professional Judgment (BPJ) exercise, which are to be submitted shortly. The development of assessment indicators for mesohaline and limnetic assemblages has been put on hold pending the development of a "Gold Standard assemblage", which are reference assemblages for healthy and impact sites). A "Gold Standard Workshop" will be convened in the second quarter of 2011.

ii. 2010 Causes of Sediment Toxicity

The project is largely completed for 2010, with sediment and water LC50s developed. At spiked reference sites, toxicity was seen only with some of the contaminants. UC-Davis will send some of these samples to UC Berkeley for gene microarray analysis.

iii. 2010 Molecular TIEs

Due to staffing issues at SCCWRP, the project was somewhat delayed in 2010. It is moving forward with the calibration of molecular TIEs, and a report will be available in February 2011.

iv. 2011 Sediment Hotspots

This project will be led by the new sediment quality scientist. The second part of the project, including reporting, is due in 2012.

Trish Mulvey asked about the process for hiring this new scientist. Meg Sedlak stated that SFEI is reviewing some resumes, and will decide about the timeline in the future.

v. 2011 SF Bay NCCA

This USEPA funded project, which will be overseen by the EEWG, is set to assess the condition of the San Francisco Bay sediment using data from the RMP and NCCA, and will also be led by the new sediment quality scientist. The report deadline is March 2012.

Jay Davis noted that this work will not overlap with the State of the Estuary report card, because the report will focus on the triad, which will not be ready for the upcoming report card. Eventually, triad data will be incorporated into the report card.

vi. 2010 PBDEs in Terns

Meg Sedlak updated the group on the PBDEs in terns study lead by Barnett Rattner. To date, the team has seen pipping, hatching, and sublethal effects at environmentally relevant concentrations. Evaluations will continue in 2011.

vii. 2011 Copper in Salmonids

A study by David Baldwin will evaluate the impact of copper on the olfactory nerve of salmon in salt water in 2011.

f. Contaminants of Emerging Concern

Susan Klosterhaus updated the TRC on the Contaminants of Emerging Concern (CEC) strategy.

i. Specimen Bank

The RMP has established a memorandum of understanding with the National Institute of Standards and Technology (NIST) to archive RMP samples, including sport fish, bird eggs, sediments, and bivalves.

ii. CEC Profiles

Three profiles have been completed, with the goal of providing information to water/air quality managers, regulators, and the public. The next step will be to create fact sheets based on the profiles, and put them up on the website.

Trish Mulvey asked when the factsheets will be available, and Jay Davis responded that while the first half of 2011 is looking quite busy, the team will work to create a prototype soon.

iii. AXYS/ CEC Mussel Pilot Study

Susan Klosterhaus presented the results from this work at the RMP annual meeting in October 2010. She is currently working on a manuscript for this project.

iv. Brominated Dioxins/ Furans

Data from the AXYS pro bono analysis of brominated dioxins and furans in sediment, sport fish and seal blubber showed not many detects, with the penta furan appearing in the highest concentrations. It is currently unclear what will be done with this data.

Trish Mulvey asked who will decide what to do with the data, and Meg Sedlak said that they will consult with the ECWG. Susan will use TEQs to compare the brominated dioxins with the chlorinated dioxins.

In a partnership with the University of Minnesota, we will continue to investigate the formation and sources of brominated dioxins. One known source is impurities in brominated flame retardants. This topic will be discussed at the next ECWG meeting in March.

v. NOAA Mussel Watch California Pilot study

The NOAA Mussel Watch pilot study incorporated winter sampling at existing mussel watch sites with summer sampling at targeted new sites, including passive samplers at four sites in SF Bay. All were analyzed for CECs, with the goal of developing a list of high priority CECs for the national program. Karen Taberski asked if fungicides are included in the list of current use pesticides. Susan Klosterhaus informed her that the plan to include them fell through, so they were not included. However, nanoparticles were analyzed.

vi. Broadscan Screening of Bay Wildlife

The first year of this two-year study is complete, with the samples collected, method under development, and analysis of seal samples begun. The second year holds continued seal sample analysis, modification of methods for mussel analysis, and analysis of mussel samples. The collaboration with NIST, the Marine Mammal Center, SCCWRP, and San Diego State University has resulted in considerable contributions of time and funding from the partner organizations.

The final report, with a list of “new” chemicals that are present in wildlife tissue, is due in March of 2012.

vii. CEC Synthesis Report

A report summarizing CEC occurrence data in the Bay and the state Advisory Panel recommendations for CECs will be prepared in the second half of 2011 and the first half of 2012, with the final report due in the spring of 2012.

Jay Davis clarified that this report is scheduled to inform RMP special studies in 2013.

viii. Surface Water Microplastics Survey

In a collaboration with SF Baykeeper, Susan Klosterhaus will perform a small pilot study looking at microplastics in surface water at 5 central bay hotspots. A 15 minute manta trawl (the method used by the marine debris program) will be used to collect the samples, which can be compared to results from the Puget Sound and the Chesapeake Bay.

Due to limited resources, the study will focus on the worst case scenarios.

g. Status and Trends

Meg Sedlak reviewed the status and trends strategy. In 2010, the RMP performed wet season sediment sampling, which collected samples for the triad analysis at 27 sites. There was also dry season water sampling, as well as the biannual bivalve monitoring. In 2011, both water and sediment will be collected in the summer.

The last sport fish monitoring was performed in 2009, in collaboration with SWAMP and the Bight program. A draft of the integrated report combining regional and statewide information is due in February 2011.

In response to the chart showing total PCBs in different sportfish species in different locations, Karen Taberski and Chris Sommers requested that the data also be presented as lipid normalized.

h. Data Management

Cristina Grosso reviewed data management work from 2010 and plans for 2011. All the 2009 S&T data is available online, and the data management team is tracking the use of the web query tool. RMP data is also now available through CEDEN. There are also improved tools for data submission for labs, and improved reporting on the SFEI website. Goals for 2011 include reporting data within 1 year, enhancing web query tools, and coordinating the San Francisco Bay Regional Data Center.

Chris Sommers and Trish Mulvey commented that great improvements on timeliness of data submission have been made over the years. Tom Hall suggested that data management would make a good topic for a factsheet.

Action Items:

- Review existing SUNTANS work and see whether work should be put on hold. Get a recommendation from the CFWG on what pathway the RMP should pursue for modeling capabilities (including a table of model strengths and weaknesses).

6) Approve Detailed Workplan, Set Date, and Plus/Delta

Mike Kellogg moved to approve the 2011 Detailed Workplan, which Tom Hall seconded. The workplan was approved.

Meg Sedlak reviewed RMP deliverables and carryover items. Updating the QAPP is a high priority for the RMP. Francois Rodigari asked that stakeholders be involved in the planning stages of the update, and volunteered to help. Don Yee clarified that the team would vet it through the stakeholders and the labs, and keep it compatible with SWAMP format.

Trish Mulvey noted that she liked the format of the deliverables scorecard. She would like items to be called out based on how many months they are delayed, not whether or not they are delayed from one year to the next. Chris Sommers requested that all cells in the table be filled out.

Bridgette DeShields thought the lunch (hot meal) was good, and that the meeting stayed on time. Trish Mulvey thought the visual quality of presentations was improving, and that Cristina Grosso's presentation was particularly clear.

Chris Sommers requested that all the presentations be combined into a pdf, and send out to the meeting attendees.

The next meeting is set for March 23rd.

Action Items:

- Distribute the presentations from the TRC meeting to TRC reps as a collated pdf

#	Action Items – Dec 2010	Who?	When?	Status 1/11/2011
1	Send the draft articles for the Pulse of the Delta to the TRC	Thomas Jabusch	Dec 2010	Completed
2	Include an update on the planning of the transition of USGS water quality monitoring at next TRC meeting	Meg Sedlak	March 2011	
3	Include Karen Taberski as the TRC representative in a meeting with Jim Cloern to discuss the future of his nutrients program	Meg Sedlak	January 2011	Sent background material to Karen and included her in e-mail list
4	Check with SCCWRP to see if they need to include the director's report in the agenda of the CTAG-TRC meeting	Meg Sedlak		Cannot move date
5	Assess status of SUNTANS work and get a recommendation from the CFWG on what pathway the RMP should pursue for modeling capabilities (including a table of model strengths and weaknesses)	Jay Davis, Don Yee, Ben Greenfield		
6	Distribute the presentations from the TRC meeting to TRC reps as a collated pdf	Rachel Allen	December 2010	Completed and available on the SFEI website

#	Action Items – Sept 2010	Who?	When?	Status 1/11/2011
2	Discuss fact sheet needs and development with BACWA and Regional Board. Develop list of factsheet topics	Jay Davis	January	Pending
5	Develop a 2012 RMP proposal for incorporating mercury into SQO indirect effect models	Ben Greenfield	April	

#	Action Items – June 2010	Who?	When?	Status 1/11/2011
3	Send a list of SFEI stormwater projects to Chris Sommers.	Lester McKee		In progress
4	Chris Sommers and Ken Schiff (SCCWRP) will work together to plan a joint north-south stormwater meeting in the next 6 months.	Chris Sommers, Ken Schiff	By December 2010	
5	Explore holding a joint meeting between SFEI and SCCWRP on nutrients in about a year.	SFEI Staff		Include as part of USGS discussion?
6	Standardize the format of RMP proposals	Jay Davis, Chris Sommers	Next round of proposals	
7	Review existing information on shellfish, and consider designing a comprehensive shellfish survey.	Meg Sedlak and Jay Davis	Spring 2011	
8	Begin developing an improved review process for future Pulses.	Jay Davis	Spring 2011	

#	Action Items – March 2010	Who?	When?	Status 1/11/2011
1	Create web pages for the reports coming out of RMP each year	Rachel Allen	As needed	
2	Take fact sheet plan to the Steering Committee	Jay Davis	First quarter 2011	

RMP Water Qual represented	MEMBER	Affiliation	2008				2009				2010			
			1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
POTWs	Francois Rodigari	EBMUD	P	P	P	P	P	P	P	P	P	(2)	P	P
POTWs	Rod Miller	SF PUC	X	P	P	X	X	P	P	X	X	X	P	X
South Bay Dischargers	Tom Hall	EOA, Inc.	P	P	P	P	P	P	P	P	P	P	P	P
CCSF	Mike Kellogg	City and County of San Francisco	P	P	P	P	P	P	X	P	P	P	P	P
City of San Jose	Eric Dunlavey	City of San Jose	P	P	X	P	P	X	P	P	P	P	P	P
Refineries	Bridgette DeShields	Arcadis/WSPA	P	P	P	P	P	P	P	P	P	P	P	P
Industry	Dave Allen	USS POSCO	X	X	X	X	X	X	X	X	X	X	X	X
Stormwater	Chris Sommers	EOA, Inc.	P	P	P	X	P	P	P	P	P	P	X	P
Dredgers	John Prall	Port of Oakland	P	P	X	X	P	P	X	P	P	X	X	X
Corps of Eng.	Rob Lawrence	Army Corps of Engineers	X	X	X	X	X	X	X	X	X	X	X	X
SF-RWQCB	Karen Taberski	SF-RWQCB	P	P	(1)	P	P	P	P	P	P	P	P	P
US-EPA IX	Luisa Valiela	US EPA	X	P	X	P	X	C	X	C	P	X	C	C

Notes:

1. Richard Looker substituted for Karen Taberski	X = not present	P = present
2. Saskia van Bergen substituted for Francois Rodigari		C = call-in

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RMP TRC / SCCWRP CTAG Joint Meeting

May 19th, 2011

SCCWRP

10:00 AM – 6:30 PM

Lunch will be provided

AGENDA

1.	Welcome, Introductions, and Goals for the Meeting	10:00 Dominic Gregorio
2.	Highlights of RMP and SFEI 2011 Study Plan (Attachment – RMP Program Plan for 2011) Highlights from the 2011 RMP Program Plan will be presented (25 min presentation, 20 min Q&A).	10:15 Jay Davis
3.	SCCWRP Director's Report and Contract Review	11:00 Steve Weisberg
4.	Highlights of the 2011 SCCWRP Research Plan (Attachments – SCCWRP 2010-2011 Research Plan) Highlights from the 2011 SCCWRP Program Plan will be presented (20 min presentation, 10 min Q&A). – voting on the SCCWRP Research Plan	11:30 Steve Weisberg
	Lunch (to be brought in) Lunchtime presentation (starting at 12:20)	12:00
5.	Effects: RMP and SCCWRP Activities Presentations on effects to birds, fish and benthos.	12:50 TBD
	Break	2:45
6.	Nutrients The San Francisco Bay is unique in that it has relatively high nutrient concentration with relatively few effects. In part, this is due to light limitations caused by significant suspended sediment loads. This is in contrast to some of the bays and coastal areas located in Southern California.	3:05 Martha Sutula and Lester McKee

7.	Update on Collaborative Activities: Stormwater Studies <ul style="list-style-type: none"> • Discussion of RMP/SCCWRP activities (20 minutes) • Q&A and Ideas for future collaboration (10 minutes) 	4:05 Eric Stein, Lester McKee
8.	Update Collaborative Activities: Emerging Contaminants <ul style="list-style-type: none"> • NOAA Mussel Watch Activities/ Pro bono studies (10 min) • 2011 RMP/SCCWRP Special study with NIST (10 min) • State Review Panels (Drinking Water and Packard Report) • Ideas for further collaboration and Q&A (10 minutes) 	4:35 Susan Klosterhaus; Keith Maruya
9.	General Discussion Discussion of: <ul style="list-style-type: none"> • Other potential opportunities for collaboration • Plans for future meetings • Other topics that arise during the day • Formal interchange between SCCWRP/SFEI working groups 	5:05 Group
10.	Wrap-up and Identification of Action Items	5:30 Dominic Gregorio
11.	Adjourn	5:45
12.	Socializing	5:45 to 6:30