

MEETING NOTICE AND AGENDA
TECHNICAL ADVISORY COMMITTEE
OF THE
SEASIDE BASIN WATER MASTER

DATE: Wednesday, June 8, 2016

MEETING TIME: 1:30 p.m.

Monterey Regional Water Pollution Control Agency Offices
5 Harris Court, Building D (Ryan Ranch)
Monterey, CA 93940

If you wish to participate in the meeting from a remote location, please call in on the Watermaster Conference Line by dialing (712) 432-1212. Use the Meeting ID 355890617. Please note that if no telephone attendees have joined the meeting by 10 minutes after its start, the conference call will be ended.

OFFICERS

Chairperson: Roger Hulbert, California American Water Company
Vice-Chairperson: Joe Oliver, MPWMD

MEMBERS

California American Water Company	City of Del Rey Oaks	City of
Monterey	City of Sand City	City of Seaside
	Coastal Subarea Landowners	
Laguna Seca Property Owners	Monterey County Water Resources	
Agency	Monterey Peninsula Water Management District	

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The next regular meeting will be held on Wednesday July 13, 2016 at 1:30 p.m. at the MRWPCA Board Room.	

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TECHNICAL ADVISORY COMMITTEE
* * * AGENDA TRANSMITTAL FORM * * ***

MEETING DATE:	June 8, 2016
AGENDA ITEM:	2.A
AGENDA TITLE:	Approve Minutes from the March 9, 2016 Meeting
PREPARED BY:	Robert Jaques, Technical Program Manager
SUMMARY:	
<p>Draft Minutes from this meeting was emailed to all TAC members. Any changes requested by TAC members have been included in the attached version.</p>	
ATTACHMENTS:	Minutes from this meeting
RECOMMENDED ACTION:	Approve the minutes

D-R-A-F-T
MINUTES

**Seaside Groundwater Basin Watermaster
Technical Advisory Committee Meeting
March 9, 2016**

Attendees: TAC Members

City of Seaside – Rick Riedl (via telephone)
California American Water – Roger Hulbert
City of Monterey – Laurie Williamson (via telephone)
Laguna Seca Property Owners – No Representative
MPWMD – Joe Oliver
MCWRA – No Representative
City of Del Rey Oaks – No Representative
City of Sand City – Leon Gomez (via telephone)
Coastal Subarea Landowners – No Representative

Watermaster

Technical Program Manager - Robert Jaques

Consultants

None

Others

None

The meeting was convened at 1:42 p.m. after a quorum had been established.

1. Public Comments

There were no public comments.

2. Administrative Matters:

A. Approve Minutes from the January 13, 2016 Meeting

On a motion by Mr. Oliver, seconded by Mr. Gomez the minutes from this meeting were unanimously approved as presented.

B. Progress Update on Salinas River Groundwater Basin Investigation Model TAC

Mr. Jaques summarized the agenda packet materials for this item. There was no other discussion of the item.

C. Sustainable Groundwater Management Act (SGMA) Update

Mr. Jaques summarized the agenda packet materials for this item, and Mr. Oliver provided additional information.

Mr. Oliver reported that he is working through the basin boundary modification request procedures established by DWR. MPWMD is developing some mapping for use with the request, and he would like to have local entities review the maps once he has them developed.

He will send the draft maps to Mr. Jaques who will email them out to TAC members soliciting their comments to be sent directly to Mr. Oliver, with a copy to Mr. Jaques.

Mr. Riedl reported he had received an announcement from the SWRCB stating that the Watermaster needs to submit water use and water level data by April 1, 2016. Mr. Jaques stated that he was working on preparing the necessary submittal documentation and would have it submitted prior to that deadline.

3. Sustainable Groundwater Management Act (SGMA) Watermaster Reporting Requirements and Proposed Materials to be Submitted

Mr. Jaques summarized the agenda packet materials for this item and highlighted certain of the information and data that he proposed to submit to DWR in fulfillment of the Watermaster's reporting obligations under the SGMA.

It was pointed out that the word "impossible" in the second line on page 20 of the agenda packet should be changed to "possible."

With this one revision made, on a motion by Mr. Riedl, seconded by Ms. Williamson, the TAC unanimously approved submitting the documentation as proposed in the agenda packet.

4. Schedule

Mr. Jaques briefly discussed ID items 38 and 49 in the schedule contained on page 28 of the agenda packet. With regard to ID item 38, Mr. Jaques said he would be submitting the required documentation to DWR prior to the reporting deadline of April 1, 2016. With regard to ID item 49 he reported that he has been assisting Mr. McGlothlin as he drafts a Court filing on matters related to the findings of modeling the Laguna Seca Subarea and several other issues, as outlined at prior TAC meetings. Mr. McGlothlin plans to have the draft filing ready for review by the Board at its April 6, 2016 meeting, and is hopeful of scheduling a Status Conference in June with the new Judge that has been assigned the Adjudication case.

5. Other Business

Mr. Riedl said he felt there was a flaw in the logic developed by Mr. McGlothlin in his proposed approach to seeking a waiver of the 2018 10% pumping ramp-down required by the Decision. He pointed out that any unused portion of an Alternative Producer's allocation during a given Water Year becomes available for use by Standard Producers in terms of determining whether or not they have exceeded their Natural Safe Yield and/or Operating Yield allocations in that Water Year. He felt that Mr. McGlothlin's proposed use of the 2,500 AF of water that the City of Seaside has acquired for in-lieu replenishment to irrigate its golf courses through its agreement with Marina Coast Water District should not be used as the justification for seeking relief by Standard Producers from the three-year rampdown starting in 2017. That ramp-down relief would be for a total of 1,680 AF (560 AF x 3 years). Such relief would benefit Cal Am and other Standard Producers who had not contributed to obtaining this in-lieu replenishment water.

Mr. Jaques said he believed Mr. McGlothlin did not intend to make a specific request to the Court regarding relief from the ramp-down at this time, but more likely was planning to make the request in 2017. Mr. Jaques also said that he understood Mr. McGlothlin intended to present a draft of the Court filing to the Board for its review at its April meeting, and that at that meeting any concerns about the proposed approach to seeking relief from the ramp-down could be raised by Board members or members of the public.

6. Set Next Meeting Date

Mr. Jaques reported that there currently is no pressing business to warrant having a TAC meeting in April. However, if items that warrant holding an April meeting arise, the next TAC meeting would be on Wednesday April 13, 2016 at 1:30 p.m. at the MRWPCA Board Room. Mr. Jaques will notify TAC members by email as to whether the April meeting will be held or cancelled.

The meeting adjourned at 2:12 p.m.

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MEETING DATE:	June 8, 2016
AGENDA ITEM:	2.B
AGENDA TITLE:	Progress Update on Salinas River Groundwater Basin Investigation Model TAC
PREPARED BY:	Robert Jaques, Technical Program Manager

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The Salinas River Groundwater Basin Investigation Model TAC held its most recent meeting on May 10, 2016. I was unable to attend, but Joe Oliver did attend and provided me with his meeting notes.

Below is a brief listing of issues which may be of interest to TAC members:

- There were some delays in the process of MCWRA contracting with USGS to complete the work started by Brown and Caldwell, but these have now been resolved.
- Calibration of the Salinas Valley Integrated Hydrologic Model (SVIHM) will begin soon.
- The issue has not yet been resolved as to how head boundaries will be set for interfacing with the Watermaster’s Seaside Basin Model.
- Anticipated schedule is:
 - July – model construction
 - August – model calibration update
 - September – model calibration
 - October – model analysis and reservoir operations integration
- The stakeholder outreach process is ongoing, and the process of starting to have meetings of stakeholders is expected to begin soon.
- The County expects to create a website dedicated to posting of documents pertaining to the development of the Model.

They indicated that their next TAC meeting will likely be held on Tuesday July 12, 2016.

ATTACHMENTS:	None
RECOMMENDED ACTION:	None required – information only

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MEETING DATE:	June 8, 2016
AGENDA ITEM:	2.C
AGENDA TITLE:	Sustainable Groundwater Management Act (SGMA) Update
PREPARED BY:	Robert Jaques, Technical Program Manager

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As reported at prior TAC meetings, MPWMD has been working on preparing a Bulletin 118 boundary modification request following the procedures set forth by DWR for doing this. Here is an update on their progress on this:

1. Per the DWR’s basin boundary modification requirements, the MPWMD board adopted a resolution formally initiating the boundary modification process at their January 27.
2. Per the DWR’s basin boundary modification requirements, MPWMD filed an initial notification for the adjudicated Seaside Basin boundary modification with DWR on February 12.
3. Subsequent to the initial notification, the modification request was submitted to DWR on March 31. In support of the request, MPWMD presented to the Watermaster Board at its May 4, 2016 meeting a draft letter to be signed by the individual entity members of the Watermaster giving their support to the boundary modification request. The Watermaster Board approved this in concept, subject to member entities seeking authorization from their respective councils prior to signing and sending the support letter.

At the State level, here is a synopsis of a recent progress report provided by DWR:

- Groundwater Sustainability Plans Regulations Update
DWR released the proposed Groundwater Sustainability Plan (GSP) Emergency Regulations on May 10, 2016, and those were adopted by the California Water Commission on May 18, 2016. The Notice of Proposed Emergency Rulemaking will be distributed and posted on the DWR’s website.
- Basin Boundary Modifications Update
The initial basin boundary modification request submission period closed on March 31, 2016. Since then DWR has been taking comments on the completed modifications requests through the Basin Boundary Modification Request System (BBMRS). The public input period for each basin boundary modification request is 30 days, starting from the time the request is marked as a “completed” submission. DWR will host four public information/public comment meetings on Basin Boundary modifications in Redding, Clovis, Santa Ana and West Sacramento July 12 – 15, 2016.
- Adjudicated Basin Reporting
DWR created an online adjudicated basin reporting system that allows the watermaster or local agencies to report the required information and allows the public to review the submitted information.
- Water Available for Groundwater Replenishment
DWR is required to prepare and publish a report on water available for replenishment of groundwater in California by December 31, 2016. SGMA stakeholder and advisory groups have provided input to DWR that will help guide the content and scope of the Water Available for Replenishment (WAFR) Report. In the interim, DWR has drafted a White Paper that describes

AGENDA ITEM:

2.C (Continued)

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the technical and policy foundations as well as the proposed WAFR report content, which may access via DWR's Water Available for Groundwater Replenishment webpage.

- Groundwater Sustainability Agency (GSA) Formation Notification
The GSA website provides GSA Frequently Asked Questions and GSA formation guidelines for local agencies to use when deciding to become a GSA. Visit the GSA Formation Table to view the notifications DWR has received.

At the Monterey County level, here is a synopsis of recent progress reports provided by MCWRA:

- Consensus Building Institute (Monterey County's consultant helping them work through the process of establishing a Groundwater Sustainability Agency (GSA) for the portions of the County that are subject to the requirements of the SGMA) has set up a website for sharing materials and information on this process.
- Monterey County is considering a Basin Boundary Modification on March 22 for the Paso Robles Basin in DWR Bulletin 118. Monterey County is considering a basin boundary modification request per SGMA to jurisdictionally bifurcate the Paso Robles Basin as depicted in DWR's Bulletin 118 into a Monterey County section and a San Luis Obispo County section. Monterey County is seeking contact information from entities that will be affected by this proposed boundary modification. This item was heard by the Monterey County Water Resources Agency Board of Supervisors meeting on March 22, 2016.
- The Collaborative Work Group held its inaugural meeting March 4, 2016 focusing primarily on organizational issues. The group talked about the importance of meeting the state's June 2017 deadline and the challenge of forming a GSA that considers the diverse interests of the Salinas Valley. The Collaborative Work Group will work together to make recommendations on forming the GSA. The group reviewed its work plan with an eye on meeting the state's June 2017 deadline for GSA formation. [Note: I asked for the Watermaster to become a member of this CWG so the Watermaster would be able to participate in the planning and development of the GSA, but MCWRA declined to include the Watermaster in the CWG since they felt that the Watermaster would not be directly impacted by the GSA. However, they did invite the Watermaster to attend the meetings of the CWG as well as the Stakeholders Group, since those meetings are open to the public, and meeting summaries and other materials will be posted on the website.]

Collaborative Work Group Meeting Calendar: Meetings tentatively scheduled for 6/3, 1:00-3:00 p.m. and 6/16, 3:00-5:00 p.m. in the Monterey Room, Second Floor, Monterey County Government Center 168 West Alisal Street, Salinas.

- With regard to stakeholder outreach, an engagement committee will develop a communications plan and advise the facilitation team on outreach. Stakeholder forums will shape the overall process for forming a groundwater sustainability agency. All the major decision points on GSA formation will be vetted at the forums. Meetings will take place in Salinas and have

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AGENDA ITEM:	2.C (Continued)
<ul style="list-style-type: none"> o What local agencies are eligible to serve as the GSA and what are the potential options? o Who decides on the GSA? o What does the Stakeholder Forum think about GSA formation? o What's the best way to keep you informed on these issues? <p>Stakeholder Group Meeting Calendar:</p> <p>September Forum - date TBA</p> <ul style="list-style-type: none"> • Provide Input on the Possible Options, including Governance and Legal Structure, for the Groundwater Sustainability Agency • Discuss Representation, Voting, Financing, Fees <p>November Forum - Tentative 11/10, 5-7pm</p> <ul style="list-style-type: none"> • Discuss Draft Recommendation for forming the Groundwater Sustainability Agency <p>January (2017) Forum - Tentative 1/26, 5-7pm</p> <ul style="list-style-type: none"> • Meeting on Final Recommendation for the GSA Structure <p>Attached is the Agenda from the May 19, 2016 meeting which I attended. Most of the CWG's current focus is on building consensus on how to form the GSA, how its governing body should be made up and voting issues, and other very preliminary and general topics. It does not appear that the group will start getting into more detail for many months to come. I plan to continue monitoring the progress of the group by attending their meetings when possible and reviewing their meeting notes and agenda materials and will continue to update our TAC on a regular basis.</p>	
ATTACHMENTS:	Agenda from May 19, 2016 Collaborative Work Group meeting

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**RECOMMENDED
ACTION:**

None required – information only

Salinas Valley Groundwater Basin

Collaborative Work Group Meeting #4

Thursday, May 19, 2016, 3:00-5:00 pm

Location: Monterey Room - 2nd Floor, Monterey County Government Center
168 West Alisal St., Salinas

Meeting Purpose

- Continue exploring GSA Structure, Representation and Voting

Agenda

Time	Topic	Materials
3:00	Welcome	
3:05	Review Meeting Purpose and Agenda Gina Bartlett, Facilitator, Consensus Building Institute	Meeting Summary Approved Charter
3:10	Questions / Preparation for Groundwater Stakeholder Forum (5:30-7:30 in Board of Supervisors Chambers)	
3:10	Explore GSA Structure, Representation and Voting	
3:40	Public Comment Period <i>3-minutes per comment</i>	
3:50	Continue Discussing GSA Structure, Representation and Voting	
4:20	Review Briefing Materials Members are encouraged to brief constituent organizations over the next two months to share information about GSA formation and solicit input	Briefing Packet
4:35	Discuss Meeting Calendar & Future Meeting Topics	Process Road Map (v 5/6/2016)
4:45	Public Comment Period <i>3-minutes per comment</i>	
4:55	Wrap Up and Next Meeting	

Next Meeting, 6/3, 2016, 1:00-3:00 at the Monterey Room

- Continue Discussing GSA Representation and Voting
- Potential Costs of GSA Operations
- Requirements for the Plan

Collaborative Work Group Meeting Calendar

5/19, 5:30-7:30, Groundwater Stakeholder Forum

6/3, 1:00-3:00, Monterey Room

6/16, 3:00-5:00, Monterey Room

8/5, 1:00-3:00, Monterey Room

8/18, 3:00-5:00, Monterey Room

9/8, 5:00-7:00, Groundwater Stakeholder Forum, Sherwood Hall

9/29, 3:00-5:00, Monterey Room

Please hold the first Fridays (1:00-3:00) and the third Thursdays (3:00-5:00) for meetings generally although the Collaborative Work Group will not meet every time.

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MEETING DATE:	June 8, 2016
AGENDA ITEM:	2.D
AGENDA TITLE:	Proposed Method of Having the Watermaster's Volunteer Monitoring Well Data Submitted to the State's CASGEM Database
PREPARED BY:	Robert Jaques, Technical Program Manager

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Under the Sustainable Groundwater Management Act (SGMA) Adjudicated Basins have the requirement to submit their “Voluntary Well” monitoring data to the State for inclusion in the (CASGEM) database. The term “Voluntary Well” refers to a well that is not currently having its data reported into the CASGEM system, but for which the Watermaster obtains data. After discussions with Department of Water Resources (DWR) representatives and with Joe Oliver of MPWMD I learned the following:

1. MPWMD is currently the designated CASGEM reporting entity for the Seaside Basin and regularly reports well data on some of the wells in the Watermaster’s monitoring program.
2. There are (by my count) approximately 53 wells in the monitoring program for which data is not currently being reported into the CASGEM system. These constitute the Watermaster’s Voluntary Wells.
3. DWR provided some clarification of what the Adjudicated Basin reporting requirements are (see attached excerpt from an email from Tim Ross of DWR). Mr. Ross suggested two possible approaches, one involving having MPWMD report the data to CASGEM and one involving having the Watermaster do its own reporting to CASGEM.
4. It would be very difficult and very time consuming for me to try to obtain all of the necessary data to submit it into the CASGEM system the Watermaster’s Voluntary Wells.
5. MPWMD has the capability, since it already has the monitoring data in its database, to put the data into the proper reporting format so that they can report the volunteer well data when they report on the other wells they provide data on for the CASGEM system.

Mr. Oliver has offered to have MPWMD report the required information into the CASGEM system for the Watermaster’s voluntary wells, and initially estimated that this would require roughly one day’s effort to get the Watermaster’s Voluntary Wells set up to enter the data into the CASGEM system and about 2 hours or so each time to compile and upload the data semi-annually. In the past some of the funds authorized to MPWMD under its RFS No. 1 for each year have remained unspent (the work ended up not being necessary) at the end of the year, and Mr. Oliver felt there might be sufficient already-authorized funds in RFS No. 2016-01 to cover the cost of the CASGEM reporting work for 2016. Thereafter, the work could be incorporated in future year RFSs to MPWMD as a separate line-item. Mr. Oliver recently updated me on this, reporting that he has had a number of communications with the DWR staff working on the CASGEM program and he has identified additional steps that will be needed to create a different batch upload template than for the CASGEM reporting that MPWMD currently does. In addition, DWR is working to repair some glitches in the CASGEM reporting system and has asked MPWMD to not attempt to upload any CASGEM data until this problem is resolved in a few weeks.

In spite of this delay, Mr. Oliver is still projecting that the efforts spent to perform this work will be able to be covered under the Item I.4.c of RFS 2016-01, which pertains to having MPWMD provide data and review of HydroMetrics Seawater Intrusion Analysis Report (a task which in recent years has had remaining funds in it at year’s end). However, it may turn out that this amount (Item I.4.c is budgeted for a total of 24 hrs) may be used up on this effort.

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AGENDA ITEM:

2.D (Continued)

Mr. Oliver will get me an update as more is known on this, but for now the DWR is aware that we are working with MPWMD on this CASGEM reporting issue, and DWR is working on correcting the problem with the CASGEM system.

The purpose of presenting this topic for discussion and action by the TAC at today's meeting is to seek TAC concurrence with having MPWMD report the Watermaster's Voluntary Well data into the CASGEM system and to authorize MPWMD to use unspent amounts in their current RFS No. 2016-01 to cover these costs up to a maximum of 24 hours. If additional work beyond these 24 hours is needed, further authorization would need to be approved.

Getting the TAC's concurrence at today's meeting will enable me to authorize MPWMD to move forward with the work necessary to report the Voluntary Wells into the CASGEM system, once DWR gives them to go-ahead to resume reporting. Since we are already behind in getting the data into the CASGEM system (partly because of the DWR's problem with the software there) it would be desirable to move forward with MPWMD on this work as soon as DWR has resolved their problem.

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ATTACHMENTS:	Excerpt from an email from Tim Ross of DWR
RECOMMENDED ACTION:	None required – information only

Excerpt from email from Tim Ross of DWR

Definition of Terms:

Water Data Library (WDL) – DWR’s database of water level measurements (and also other measurements such as water quality. This database contains information about well locations and identification. The database may contain (where known or entered) information about the well such as the well use, the construction (casing size, perforation interval), and the aquifer or aquifers that the well is completed into.

CASGEM – A program set up to collect water level information from local agencies around the state that has specific requirements for what information needs to be included for the wells in this specific system. The wells that belong to this program (designated as CASGEM wells) are required to have well construction information, and should have permission to publish the well construction information (a long story here, but somewhat moot given the now public nature of well completion reports). We also require that permission is obtained if public supply wells are used to make sure that everyone is aware that this information is open to the public. All information entered about these wells is open to public inspection.

The WDL database contains well and water level data for CASGEM wells and for other wells (we use the term “Voluntary Wells”) that are not specified as CASGEM wells. The WDL web interface allows display and downloading of information about all of these wells to the public. Voluntary Wells must have a location and identification, but not much is required after that. Some of the WDL (Voluntary) wells in the system are datasets that essentially parrot the USGS online water level data system (NWIS) and there is no stated permission for these data (any of the Voluntary wells), they are often already in the public domain. CASGEM wells are carefully vetted to make sure they qualify for the CASGEM program, but Voluntary Wells do not belong to the CASGEM program.

SGMA Adjudicated Area Reporting – the first part of the reporting required by SGMA for adjudicated areas covers “groundwater elevation data unless otherwise submitted pursuant to Section 10932.” Section 10932 is the governing code for the CASGEM Program. DWR interprets this to mean that if there are wells in a basin that are measured, but not part of the accepted CASGEM monitoring program for that basin, those wells should be submitted to DWR. So we see this as submitting the wells as “Voluntary Wells” into the WDL.

The only method to enter water levels and well information into the DWR database (WDL) is through the CASGEM portal. Part of the entering of the data is to designate whether a well is CASGEM or Voluntary. These can be uploaded at the same time, the designations for those are contained in the batch upload template. To upload the data effectively, the entity uploading the data need to be in the CASGEM system and associated with the basin in question. In your case, there are a couple of options because your basin has a CASGEM Monitoring Entity in place.

- 1) MPWMD could use the appropriate batch upload sheet to establish the Voluntary Well information into the system. Then when they upload the CASGEM well measurements, they can include the Voluntary Well measurements in the same upload as their CASGEM wells.
- 2) MPWMD could invite the Watermaster as a contributor (to establish your own CASSGEM login) and give permission (in the system) to upload well information. Then the Watermaster could

upload the information to establish the voluntary wells and then the water level data to populate the measurements. Then through time, the Watermaster could upload the water levels for the voluntary wells.

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MEETING DATE:	June 8, 2016
AGENDA ITEM:	3
AGENDA TITLE:	Request from HydroMetrics LLC for Additional Compensation for RFS No. 2015-04
PREPARED BY:	Robert Jaques, Technical Program Manager

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SUMMARY:

HydroMetrics LLC has submitted the attached letter seeking an increase in compensation for their work on RFS No. 2015-04 which is for work on the Laguna Seca Flow Divide Modeling.

I reviewed the information they submitted in support of their request for additional payment for this work. I also reviewed the language of the Professional Services Agreement (PSA) and RFS No. 2015-04 under which the work was authorized on a Time and Materials basis. There are two sections in the PSA that speak to this issue:

- (1) Section V.B which reads:

Projected Cost Overruns Under Cost-Plus-a-Fixed-Fee or Time-and-Expense Payment Methods - If, at any time in the performance of the work of a specific RFS under the Cost-Plus-a-Fixed-Fee or Time-and-Expense payment methods, PROFESSIONAL has reason to believe that the costs which it expects to incur to complete the work of that RFS will exceed the total amount authorized for that RFS, PROFESSIONAL shall notify WATERMASTER in writing to that effect. The notice shall:

- (1) State the reason(s) why PROFESSIONAL anticipates a cost overrun;
- (2) State the estimated amount of additional funds beyond the total amount currently authorized that will be required to complete the work authorized by the RFS; and
- (3) Provide recommendations of how the overrun can be avoided;

If, after such notification, additional funds are not allotted, WATERMASTER will, if required in writing by PROFESSIONAL, terminate the work of that particular RFS pursuant to the provisions in Section VI, TERMINATION.

And

(2) Section V.E the last sentence of which reads: A Total Price, which may not be exceeded without WATERMASTER's prior written approval (emphasis added), will be established for each specific RFS for which this payment method will be used. This same language is contained in Amendment No. 1 to RFS No. 2015-04.

Since the contract language prohibits exceeding the Total Price without obtaining prior written approval

AGENDA ITEM:

3 (Continued)

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to do so, I notified HydroMetrics that I did not feel I could approve their request. The main reason for having this language in the PSA (and in the RFS) is so that the Watermaster will be made aware, in advance, of any potential cost-overrun, so that the Watermaster can be involved in decision-making to mitigate the overrun. For example if the consultant found that the work was taking more time and effort than the consultant originally envisioned when the scope and cost were negotiated, the Watermaster might elect to forgo having some portions of the work done, or to otherwise streamline the work, in order to stay within budget. However, if the Watermaster is not made aware of such a situation until after it has already occurred, the Watermaster has no opportunity to control these costs.

I told HydroMetrics, however, that I was willing to present their request to the TAC for its review and its recommendations, and that if the TAC were to recommend approval, their request would then need to go to the Board in the form of an amendment to RFS No. 2015-04 in order for the Board to approve increasing the amount authorized for the work.

HydroMetrics has requested to have this matter presented to the TAC for its review and direction.

ATTACHMENTS:	Letter from HydroMetrics LLC dated March 16, 2016 requesting additional compensation for RFS No. 2015-04
RECOMMENDED ACTION:	Provide direction to the Technical Program Manager with regard to the HydroMetrics request

Mr. Robert S. Jaques
Seaside Groundwater Basin Watermaster
83 Via Encanto
Monterey, CA 93940

March 16, 2016

Subject: Scope and Cost Increase: RFS No. 2015-04 Laguna Seca Flow Divide Modeling

Mr. Jaques:

Additional work necessary to complete the Laguna Seca Flow Divide Technical Memorandum ended up being \$4,260 over the project budget of \$13,000. The reasons for this are:

1. Comments on the report were extensive because of the subject's complexity, and addressing the comments took considerably more effort and analysis than anticipated. Although eight additional flow divide maps were produced within the expected budget, addressing comments and editing the technical memorandum was the greater effort and lead in part to the overrun.
2. We were requested to provide additional work that was not in our scope. Notably, we were asked to compare the flow divide results with the Safe Yield study. This added an extra 4 pages of text and two figures to the memorandum, along with associated analysis.
3. Due to the extended period over which this work was performed, an additional TAC meeting was attended that was not budgeted for with the scope amendment. This meeting was attended on January 13, 2016 and required preparing and presenting the project results.

We completed the above work prior to asking for additional funds because of the time critical nature of the work; our results were necessary to prepare for discussions with the court. We are now requesting funds to cover the work described above. We would like to transfer funds from other RFS' that may not have been exhausted during the year, or request an addition to the Watermaster's 2015/2016 budget.

Please call if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Georgina King', with a stylized flourish at the end.

Georgina King, Project Manager
HydroMetrics Water Resources Inc.

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE
* * * AGENDA TRANSMITTAL FORM * * ***

MEETING DATE:	June 8, 2016
AGENDA ITEM:	4
AGENDA TITLE:	Schedule
PREPARED BY:	Robert Jaques, Technical Program Manager
<p>SUMMARY: As a regular part of each monthly TAC meeting, I will provide the TAC with an updated Schedule of the activities being performed by the Watermaster, its consultants, and the public entity, MPWMD, which is performing certain portions of the work.</p> <p>Attached is the most recent update of the Work Schedule for FY 2016.</p>	
ATTACHMENTS:	Schedule of Work Activities for FY 2016
RECOMMENDED ACTION:	Provide Input to Technical Program Manager Regarding Any Corrections or Additions to the Schedule

Seaside Basin Watermaster Monitoring and Management Program 2016 Work Schedule

ID	Task Name	2016												2017									
		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	CRITICAL PROJECT MILESTONES ASSOCIATED WITH TAC, BOARD, AND/OR CONSULTANT WORK																						
2	2016 Administration, Operations and Replenishment Budgets																						
3	Prepare M&MP Draft Budgets (Same as Task 19)																						
4	TAC Approves M&MP Budgets (Same as Task 20)																						
5	Board Approves M&MP Budgets (Same as Task 21)																						
6	Watermaster Prepares Quarterly Water Production, Water Level, and Water Quality Reports																						
7	Watermaster Prepares Combined Quarterly Water Production, Water Level, and Water Quality Reports for 1st & 2nd Quarters (Same as Task 41)																						
8	Watermaster Prepares Annual Water Production, Water Level, and Water Quality Report for 2016 (Same as Task 42)																						
9	Replenishment Assessment Unit Costs for Water Year 2017																						
10	B&F Committee Develops Replenishment Assessment Unit Cost for 2017 Water Year																						
11	If Requested, TAC Provides Assistance to B&F Committee in Development of 2017 Water Year Replenishment Assessment Unit Cost																						
12	Board Adopts and Declares 2017 Water Year Replenishment Assessment Unit Cost																						
13	Replenishment Assessments for Water Year 2016																						
14	Watermaster Prepares Replenishment Assessments for Water Year 2016																						
15	Watermaster Board Approves Replenishment Assessments for Water Year 2016 (At December Meeting)																						
16	Watermaster Levies Replenishment Assessment for 2016																						
17	Monitoring & Management Program (M&MP) Budgets for 2017 and 2018																						

Seaside Basin Watermaster Monitoring and Management Program 2016 Work Schedule

ID	Task Name	2016												2017									
		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
18	Preliminary Discussion of Potential Scope of Work for 2017 M&MP												◆ 8/10										
19	Prepare Draft 2017 M&MP Work Plan and 2017 and 2018 O&M and Capital Budgets												▭										
20	TAC approves Draft 2017 M&MP Work Plan and 2017 and 2018 O&M and Capital Budgets												◆ 9/14										
21	Board approves 2017 M&MP O&M and Capital Budgets												◆ 10/5										
22	2015 Annual Report (Note: Schedule Reflects Court Approval of Later Submittal Date for Annual Report)																						
23	Prepare Preliminary Draft 2016 Annual Report																						
24	TAC Provides Input on Preliminary Draft 2016 Annual Report																						
25	Prepare Draft 2016 Annual Report (Incorporating TAC Input)																						
26	Board Provides Input on Draft 2016 Annual Report (At December Board Meeting)																						
27	Prepare Final 2016 Annual Report (Incorporating Board Input)																						
28	Watermaster Submits Final 2016 Annual Report to Judge																						
29	MANAGEMENT																						
30	M.1 PROGRAM ADMINISTRATION																						
31	Prepare Initial Consultant Contracts for 2017																						
32	TAC Approval of Initial Consultant Contracts for 2017																						
33	Board Approval of Initial Consultant Contracts for 2017																						
34	M.1.g – Sustainable Groundwater Management Act Reporting Requirements																						
35	HydroMetrics Prepares Draft Groundwater Storage Analysis																						
36	TAC Reviews HydroMetrics Draft Storage Analysis																						

Seaside Basin Watermaster Monitoring and Management Program 2016 Work Schedule

ID	Task Name	2016												2017									
		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
37	HydroMetrics Revises Draft Storage Analysis if Necessary																						
38	Submit SGMA Documentation to DWR																						
39	IMPLEMENTATION																						
40	I.2.a DATABASE MANAGEMENT																						
41	I.2.a.1 Conduct Ongoing Data Entry/Database Maintenance																						
42	I.2.b DATA COLLECTION PROGRAM																						
43	I.2.b.2 Collect Monthly Water Levels (MPWMD)																						
44	I.2.b.3 Collect Quarterly Water Quality Samples (MPWMD)																						
45	I.2.b.6 Reports (from MPWMD)																						
46	Watermaster Prepares Combined Quarterly Water Production, Water Level, and Water Quality Reports for 1st & 2nd Quarters																						
47	Watermaster Prepares Annual Water Production, Water Level, and Water Quality Report for 2016																						
48	Watermaster Prepares Report Regarding Long-Term Trends in Water Levels in Monitoring Wells																						
49	I.3.a ENHANCED SEASIDE BASIN GROUNDWATER MODEL																						
50	TAC Assists Board in Developing Work Plan to Address LSSA Modeling Results																						
51	Develop and Schedule Additional Tasks as Directed by Board																						
52	I.3.c Refine and/or Update the BMAP																						
53	I.4.c Annual Seawater Intrusion Analysis Report (SIAR)																						
54	HydroMetrics Provides Draft SIAR to Watermaster																						
55	TAC Approves Annual Seawater Intrusion Analysis Report (SIAR)																						

Seaside Basin Watermaster Monitoring and Management Program 2016 Work Schedule

ID	Task Name	2016												2017									
		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
56	Board Approves Annual Seawater Intrusion Analysis Report (SIAR)																						
57	I.4.d Complete Preparation of Seawater Intrusion Response Plan (SIRP)																						
58	I.4.e Refine and/or Update the SIRP																						

◆ 127

WORK COMPLETED - NO FURTHER WORK PLANNED IN 2016

ONLY IF FOUND TO BE NECESSARY

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE
* * * AGENDA TRANSMITTAL FORM * * ***

MEETING DATE:	June 8, 2016
AGENDA ITEM:	5
AGENDA TITLE:	Other Business
PREPARED BY:	Robert Jaques, Technical Program Manager
SUMMARY: The “Other Business” agenda item is intended to provide an opportunity for TAC members or others present at the meeting to discuss items not on the agenda that may be of interest to the TAC.	
ATTACHMENTS:	None
RECOMMENDED ACTION:	None required – information only