

MEETING NOTICE AND AGENDA

TECHNICAL ADVISORY COMMITTEE OF THE SEASIDE BASIN WATER MASTER

DATE: Wednesday, June 9, 2010

MEETING TIME: 1:30 p.m.

**LOCATION: City of Seaside City Hall – Portable Buildings Conference Room
440 Harcourt Avenue
Seaside, CA 93955**

If you wish to participate in the meeting from a remote location, please call in on the Watermaster Conference Line by dialing (877)810-9415. Use the Access Code of 4560043. 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: Diana Ingersoll, City of Seaside

1st Vice-Chairperson: Eric Sabolsice, California American Water Company

2nd Vice-Chairperson: Rob Johnson, MCWRA

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		Public Member (John Fischer)

Agenda Item

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| 9. Set next meeting date: | |
| The next regular meeting will be held on Wednesday, July 14, 2010 at 1:30 p.m. at a Location to be Determined | |

In compliance with the Americans with Disabilities Act, the City of Seaside does not discriminate against persons with disabilities. Both Seaside City Hall and the Portable Office Buildings Conference Room are accessible facilities. If you wish to attend this meeting and you will require assistance in order to participate, please contact the Office of the City Clerk (831) 899-6707 at least three days in advance of the event to make necessary arrangements. If you need assistance in speaking on a specific item noted on the agenda, please inform staff as to which item you would like to comment on and arrangements will be made for you to participate. Portable microphones and assisted listening devices are available upon request.

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE**

*** * * AGENDA TRANSMITTAL FORM * * ***

MEETING DATE:	June 9, 2010
AGENDA ITEM:	1.A
AGENDA TITLE:	Approve Minutes from April 14, 2010
PREPARED BY:	Robert Jaques, Technical Program Manager
SUMMARY: Draft Minutes from this meeting were emailed to all TAC members. Proposed changes have been included in the attached version.	
ATTACHMENTS:	Minutes from this meeting
RECOMMENDED ACTION:	Approve the minutes

D-R-A-F-T
MINUTES

**Seaside Groundwater Basin Watermaster
Technical Advisory Committee Meeting
April 14, 2010**

Attendees: TAC Members
City of Seaside – Rick Riedl
California American Water – Eric Sabolsice
City of Monterey – Norm Green (arrived @ 2:00 p.m.)
Laguna Seca Property Owners – No Representative
MPWMD – Joe Oliver
Public Member – No Representative
MCWRA – Rob Johnson
City of Del Rey Oaks – No Representative
City of Sand City – No Representative
Coastal Subarea Landowners – No Representative

Watermaster
Technical Program Manager - Robert Jaques

Consultants
HydroMetrics LLC – Derrick Williams & Georgina King (via telephone)

Others:
MPWMD – Jonathan Lear
California American Water – Mike Magretto

Prior to the start of the meeting Mr. Sabolsice introduced Mr. Mike Magretto, CAW's Production Supervisor, who was attending with Mr. Sabolsice to assist in responding to questions pertaining to CAW water production issues.

1. Administrative Matters:

A. Approve Minutes from March 10, 2010 Meeting

Mr. Sabolsice referred to page 5 of the agenda packet with regard to the portion of the meeting minutes pertaining to CAW's S. G. W. B. pumping. He asked that the sentence that read "Mr. Sabolsice confirmed this understanding" be changed to read "Mr. Sabolsice could not confirm this understanding."

Mr. Riedl asked Mr. Sabolsice if the Regional Project will benefit the S. G. W. B. Mr. Sabolsice responded "yes", that the Desalination Plant plus the other components of the Regional Project will allow CAW to reduce its pumping from the S. G. W. B.

There was much discussion with regard to the quantities of water that CAW will be able to pump from the Carmel River Basin during winter and summer months. Mr. Oliver pointed out that there are separate water rights for ASR and for CAW's 3,376 acre-feet per year of allowable pumping under SWRCB Order No. 95-10.

On a motion by Mr. Johnson, second by Mr. Oliver, the minutes were unanimously approved with the revision as noted above.

B. Continued Discussion Regarding Appointment of Alternate Public Member to the TAC

Mr. Jaques summarized the agenda packet materials for this item.

Mr. Johnson asked for information on the background regarding the appointment of a Public Member to the TAC. Mr. Jaques summarized his understanding that a Board member had proposed that Mr. Fischer serve as a Public Member of the TAC. However, Mr. Jaques acknowledged that he was not present at that meeting and was relying on information from others.

Mr. Sabolsice said he did not feel it was necessary to have a member of the public on the TAC.

Mr. Riedl said he believed the appointment of a public member of was to provide "transparency" to the TAC's meetings.

Mr. Jaques commented that it would be possible to have a member of the public invited to attend TAC meetings, but not actually serve as a voting member of the TAC.

Mr. Sabolsice made a motion for the TAC to ask the Board if a Public Member is required on the TAC. If a Public Member is required, then the TAC would recommend to the Board that Mr. George Riley be appointed to fill the position during the absence of Mr. Fischer, who is the current Public Member. Mr. Riedl seconded the motion, and it was approved with only Mr. Johnson dissenting.

2. Continued Discussion on RFS No. 2010-04 to HydroMetrics to Perform Groundwater Modeling

Mr. Jaques summarized the agenda packet materials for this item.

Mr. Lear asked how the "Critically Dry Years" would be accounted for in the modeling. Mr. Williams responded that he had not planned to use any Critically Dry Years, just average or "Normal" years.

Mr. Williams asked if CAW can take their 3,376 acre-feet per year from the Carmel River Basin in Critically Dry Years. Mr. Magretto responded "yes" as this is a CAW water right.

Mr. Jaques said he wanted to insure that when Scenario 2 is modeled the results provide the maximum amount of useful information to the Watermaster, especially since the Scenario 1 and Scenario 2 modeling costs will consume nearly 100 percent of the approved modeling budget for the current fiscal year.

Mr. Sabolsice asked what the modeling would tell us. Mr. Williams responded that it will tell us whether groundwater levels will drop or rise, and whether the four coastal wells will reach protective water levels, when the Regional Project is implemented.

Mr. Williams said that under Scenario 2 he was only planning to reduce water production rates by the 10 percent triennial amounts required by the Decision. He said he based this on the assumption that the cost of water pumped from the Seaside Groundwater Basin will be less than the cost of water that will be provided by the Regional Project, so there would be a financial incentive to continue pumping as much water as possible from the Seaside Basin.

Mr. Oliver asked that before moving ahead on Scenarios 1 and 2, we should have HydroMetrics provide for the TAC's review and approval the proposed water production levels to be used. Mr. Jaques asked whether the precipitation pattern information should also be provided for TAC review and approval. Mr. Oliver felt it was acceptable to use average precipitation levels, but agreed that historical precipitation patterns could also be used.

Mr. Jaques said it did not appear to him that using just the "Normal Water Year" supply quantities that will be furnished to CAW under the Regional Project would ever enable CAW to get down to its 1,474 acre-feet per year allocated portion of the Natural Safe Yield. Mr. Williams said he concurred with Mr. Jaques' findings.

Mr. Sabolsice asked why the table on page 11 of the agenda packet did not include CAW's 3,376 acre-feet per year from the Carmel River Basin. Mr. Williams explained that the table only listed the Regional Project water supply quantities and the amounts needed to reduce production to comply with SWRCB Order No. 95-10 and the Seaside Basin Adjudication Decision.

Mr. Sabolsice said he would like to review the FEIR figures more closely to better understand the benefit of the Regional Project on the Seaside Groundwater Basin.

There was much discussion with regard to the pros and cons of delaying the start of modeling Scenario 2 to wait for a better determination of the size of the Regional Desalination Plant, which must be done before the Regional Project can be approved by the PUC. Mr. Jaques asked Mr. Sabolsice if he knew when this was likely to occur. Mr. Sabolsice responded that CAW's Certificate of Public Convenience should be before the PUC for approval in the fall of 2010, and that approval of the Regional Project would likely occur at that time. Mr. Sabolsice also said he anticipated that within several months a test well would be installed to determine the correct percentage to use for the portion of desalination plant intake water which is freshwater. This information will affect the size of the Regional Desalination Plant. Mr. Lear reported it was his understanding that MCWRA was planning on a 60-day data collection period from the test well, once it is installed.

Mr. Jaques said he had hoped to start determining if the Regional Project will fully solve the overdrafting of the Seaside Groundwater Basin. If not, he felt that it would be good for the Watermaster Board to begin developing a plan to provide the "rest" of the solution to the overdrafting problem. Mr. Williams said he concurred with Mr. Jaques on this matter.

There was much discussion on what assumptions should be used in the modeling, as well as whether to delay the Scenario 2 modeling work until more specific details about the Regional Project are developed.

Mr. Sabolsice commented that the exact quantity of water that CAW will get from the Regional Project is unknown at this time, but will be better known once the freshwater-seawater percentages are determined through data collected from the test well.

A motion was made by Mr. Sabolsice, second by Mr. Johnson, to delay starting work on Scenario 2 at this time, and to reconsider starting work on Scenario 2 at the July, 2010 TAC meeting, but to proceed with work on Scenario 1 at this time. Mr. Oliver added that he would also like the TAC to be provided HydroMetrics' water production assumptions for both Scenarios 1 and 2 for the TAC's review and approval before work on either of these scenarios would begin. Mr. Oliver's request was added to Mr. Sabolsice's motion, and the motion was unanimously approved.

3. RFS to MPWMD to Implement Enhancements to the Database

Mr. Jaques summarized the agenda packet materials for this item.

On a motion by Mr. Johnson, second by Mr. Sabolsice, MPWMD's RFS No. 2010-04 was unanimously approved.

4. Work Plan for MPWMD to Evaluate Coastal Wells for Cross-Aquifer Contamination Potential

Mr. Jaques summarized the agenda packet materials for this item, and Mr. Oliver and Mr. Lear added clarifying comments.

A digital elevation model will be used to evaluate the cross contamination potential of the wells, and will utilize data from as many sources as are available. Mr. Johnson noted that the digital elevation model will be very helpful in analyzing the Basin.

The TAC gave its approval to MPWMD's proposed work plan to perform this work.

5. Discussion of Watermaster Role/Responsibilities Regarding Development of Salt and Nutrient Management Programs

Mr. Jaques briefly summarized the agenda packet materials for this item. He reported that the Watermaster does not appear to have any obligation to prepare these types of Plans, but should be a participant in the development of such a Plan for the Seaside Basin.

Mr. Oliver reported that Integrated Regional Water Management Plans need to include these Plans in them, if funding for them is going to be sought. Mr. Johnson said he will discuss this with the persons managing the Integrated Regional Water Management Plans under MCWRA's jurisdiction, and Mr. Oliver said he would do the same with Mr. Larry Hampton who is handling the Monterey Peninsula Integrated Regional Water Management Plan.

6. Schedule

Mr. Jaques provided brief comments on this agenda item, and there were no questions.

7. Other Business

No other business items were discussed.

8. Set next meeting date:

The next regular meeting was set for Wednesday, May 12, 2010 at 1:30 p.m. at the City of Seaside City Hall – Portable Buildings Conference Room

The meeting adjourned at 3:36 p.m.

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE**

***** AGENDA TRANSMITTAL FORM *****

MEETING DATE:	June 9, 2010
AGENDA ITEM:	1.B
AGENDA TITLE:	Future TAC Meeting Locations & Consider Change to August Meeting Date
PREPARED BY:	Robert Jaques, Technical Program Manager
<p>SUMMARY: Rick Riedl has notified me that as of July 1, 2010 the Modular Trailer Conference Room will no longer be available for our TAC meetings. He has reserved the Main Conference Room at Seaside City Hall on 2nd Wednesday, 1:30 p.m.-5:00 p.m. for the following dates:</p> <ul style="list-style-type: none">July 14thAugust 11thSeptember 8thOctober 13thNovember 10thDecember 8th <p>The TAC may wish to consider other meeting locations, such as the MRWPCA Board Room, before selecting the location for future TAC meetings.</p> <p>It has also been pointed out that there is a potential meeting location conflict for the normal August 11, 2010 TAC meeting. To avoid the conflict, I am requesting the TAC's approval to (1) change that meeting to begin at 2:00 p.m. rather than the usual 1:30 p.m. and (2) to hold the meeting in the MRWPCA Board Room in Ryan Ranch.</p>	
ATTACHMENTS:	None
RECOMMENDED ACTION:	Provide direction on preferred meeting locations for future TAC meetings beginning with the July 2010 meeting, and approve changing the time and location for the August 11, 2010 TAC meeting as requested above.

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE**

***** AGENDA TRANSMITTAL FORM *****

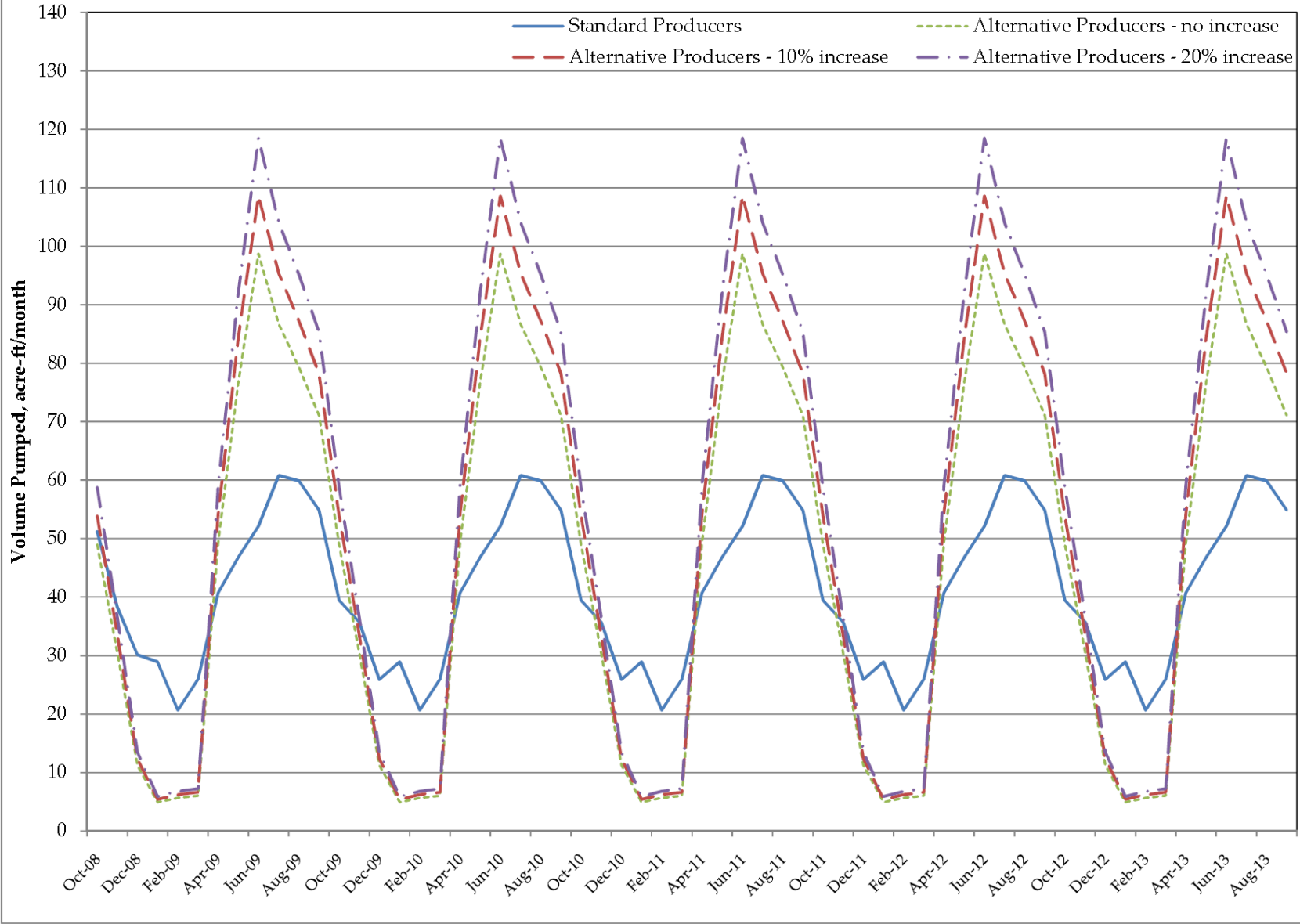
MEETING DATE:	June 9, 2010
AGENDA ITEM:	1.C
AGENDA TITLE:	Public Member of the TAC
PREPARED BY:	Robert Jaques, Technical Program Manager
<p>SUMMARY: In recent TAC meetings we have the discussed the topic of there being a Public Member of the TAC. At the last meeting we determined to seek direction from the Board as to whether, with John Fischer currently unable to attend TAC meetings, an alternate Public Member should be appointed. We also asked for Board direction with regard to their desire to continue having a Public Member on the TAC, in the event Mr. Fischer is unable to continue filling that position.</p> <p>At the June 2, 2010 Board meeting these issues were discussed and the following direction was received:</p> <ul style="list-style-type: none">• Until it is determined whether or not Mr. Fischer will be able to resume attending TAC meetings, the position of Public Member should be left open and not filled with an alternate, with Mr. Fischer continuing to be the named Public Member of the TAC.• If Mr. Fischer determines that he will no longer be able to attend meetings, the Board will make a decision as to whether or not they would like to continue having the position of Public Member on the TAC. <p>During their discussions on this matter several Board members expressed the opinion that they felt is was no longer necessary to have a Public Member on the TAC for various reasons, including:</p> <ul style="list-style-type: none">• A desire that public input occur at Board meetings, rather than TAC meetings, so Board members can hear that input directly• The fact that TAC meetings are publicly noticed and members of the public can attend TAC meetings whenever they wish <p>One Board member did express the opinion that it might be desirable, from a public perception standpoint, to continue having a Public Member on the TAC.</p> <p>I will attempt to contact Mr. Fischer to find out whether he anticipates being able to resume attending TAC meetings, and report on my findings to the TAC at a future meeting.</p>	
ATTACHMENTS:	None
RECOMMENDED ACTION:	No action needed at this time.

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE**

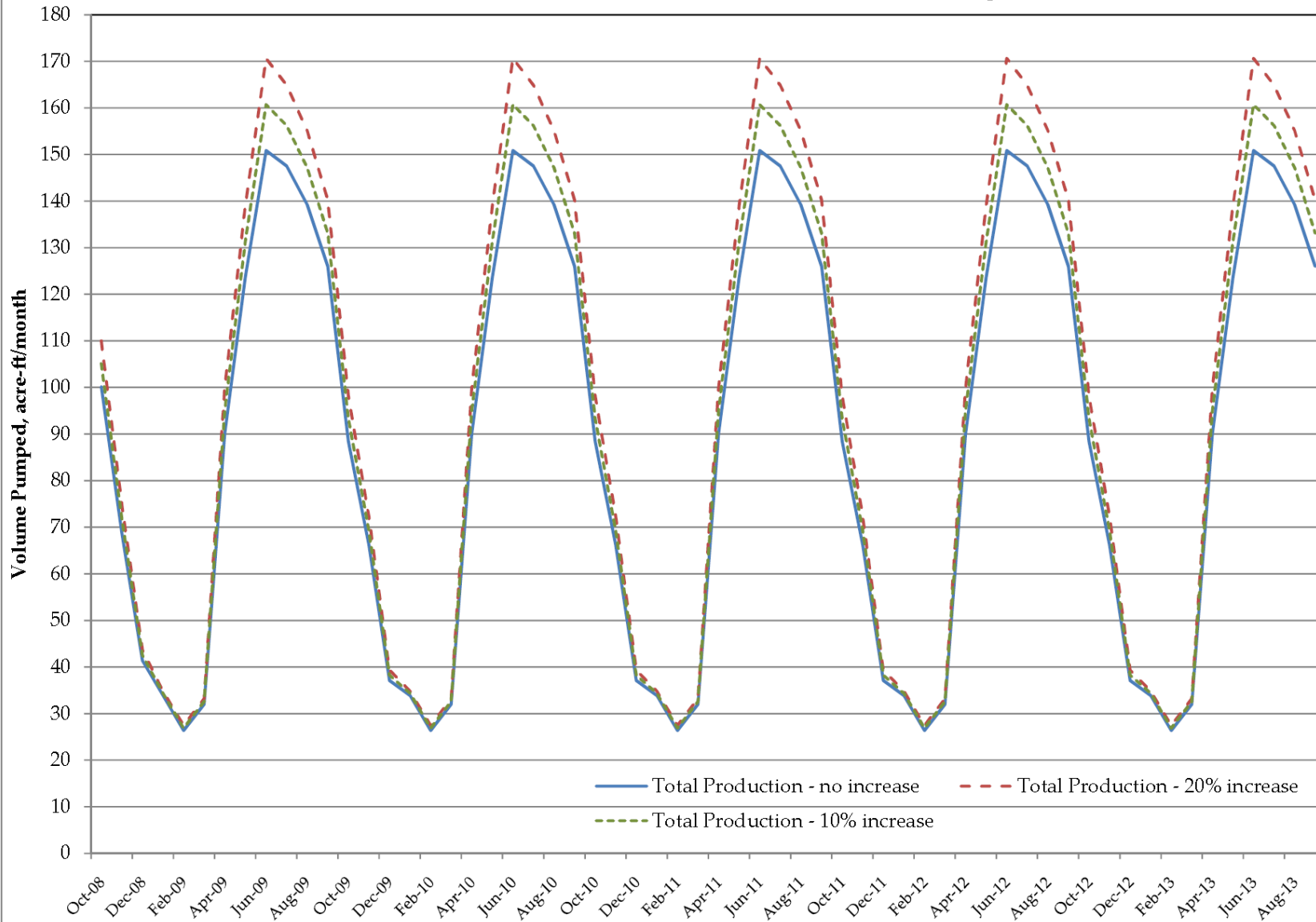
***** AGENDA TRANSMITTAL FORM *****

MEETING DATE:	June 9, 2010
AGENDA ITEM:	2
AGENDA TITLE:	HydroMetrics Groundwater Modeling
PREPARED BY:	Robert Jaques, Technical Program Manager
<p>SUMMARY: At its April 14th meeting the TAC determined to proceed with Scenario 1 of Hydrometrics' groundwater modeling contract, pertaining to the Laguna Seca Subarea, but to defer starting work on Scenario 2, pertaining to the Regional Water Supply Project, until discussing it further at the July TAC meeting.</p> <p>As part of these discussions a request was made for the TAC to be provided the opportunity to review, and provide comments on, the water production quantities HydroMetrics proposes to use in each Scenario.</p> <p>Attached are some charts and tables with pumping data for Scenario 1. These describe the water production figures HydroMetrics proposes to use for Scenario 1. HydroMetrics is aware that some data is missing for the Alternative Producers and they are continuing to see if they can obtain it. However, it may be that the missing data will not be available. The 2009 production numbers in the table are carried forward each year on the charts. HydroMetrics did not include the entire predictive model period on the charts – just a few years.</p> <p>HydroMetrics will discuss the attached materials at today's TAC meeting, and the TAC is invited to ask any questions and propose any modifications to these water production figures, so HydroMetrics can finalize those figures and begin modeling of this Scenario.</p> <p>Under this agenda item, the TAC is also invited to further discuss any topics it feels appropriate regarding either of these two Scenarios.</p>	
ATTACHMENTS:	Information from HydroMetrics containing proposed water production quantities to be used in modeling Scenario 1
RECOMMENDED ACTION:	Approve or propose revisions to these water production quantities

Scenario 1 Production - Laguna Seca Subarea



Scenario 1 Total Production: Standard + Alternative Producers in Laguna Seca Subarea



**Scenario 1 Production for Standard Producers
in the Laguna Seca Subarea (units in acre-feet)**

Month	California American Water						Total
	RR 7	RR 11	Bishop 1	Bishop 2	Paddock 1	Bay Ridge	
Oct-08	5.0	3.9	20.8	0.0	0.0	21.4	51.2
Nov-08	5.3	3.5	14.3	0.0	0.0	15.2	38.3
Dec-08	4.9	3.8	9.4	0.0	0.0	12.0	30.2
Jan-09	4.5	2.5	10.2	0.0	0.0	11.7	28.9
Feb-09	4.6	0.0	7.1	0.0	0.0	9.0	20.7
Mar-09	4.9	0.0	10.4	0.0	0.0	10.7	26.0
Apr-09	6.4	0.0	17.9	0.0	0.0	16.4	40.7
May-09	6.3	0.0	20.8	0.0	0.0	19.7	46.8
Jun-09	5.9	1.9	22.8	0.0	0.0	21.5	52.1
Jul-09	4.6	4.3	18.2	8.1	0.0	25.6	60.8
Aug-09	4.6	4.1	27.1	0.0	0.0	24.2	59.9
Sep-09	3.4	3.4	25.3	0.0	0.0	22.6	54.9
Oct-09	2.6	2.8	18.3	0.0	0.0	15.8	39.5
Nov-09	2.6	2.8	16.3	0.0	0.0	14.1	35.7
Dec-09	2.0	2.4	10.8	0.0	0.0	10.7	25.9

Water Year 2009 Total = 510.5 acre-feet

**Scenario 1 Production for Alternative Producers
in the Laguna Seca Subarea (units in acre-feet)**

Month	Pasadera Resort		Bishop		York School	County Park		Total
	New Paddock	Old Main Gate	LS GC 12 new	LS GC Racetrack		LS County Park 1	LS County Park 2	
Oct-08	0.0	15.8	23.0	4.6	2.0	0.0	3.6	49.0
Nov-08	0.0	1.2	22.6	3.8	1.6	0.0	1.3	30.5
Dec-08	0.0	1.0	0.0	8.1	1.1	0.0	0.9	11.2
Jan-09	1.6	0.0	1.1	0.3	0.7	0.6	0.6	4.9
Feb-09	2.0	0.0	1.6	0.4	0.9	0.4	0.4	5.7
Mar-09	1.8	0.0	1.8	0.5	1.0	0.8	0.1	6.0
Apr-09	16.5	0.0	22.3	6.0	1.4	2.6	0.5	49.3
May-09	26.3	0.0	35.4	9.5	2.2	2.6	0.8	76.8
Jun-09	33.5	0.0	45.1	12.1	2.8	4.4	0.9	98.7
Jul-09	29.0	0.0	37.8	10.1	2.9	6.7	0.2	86.7
Aug-09	27.6	0.0	36.0	9.6	2.8	3.2	0.1	79.3
Sep-09	25.3	0.0	33.0	8.8	2.5	1.3	0.2	71.1
Oct-09	0.0	15.8	23.0	4.6	2.0	0.0	3.6	49.0
Nov-09	0.0	1.2	22.6	3.8	1.6	0.0	1.3	30.5
Dec-09	0.0	1.0	0.0	8.1	1.1	0.0	0.9	11.2

Water Year 2009 Total = 569.2 acre-feet, +10% = 626.1 acre-feet, +20% = 683.0 acre-feet

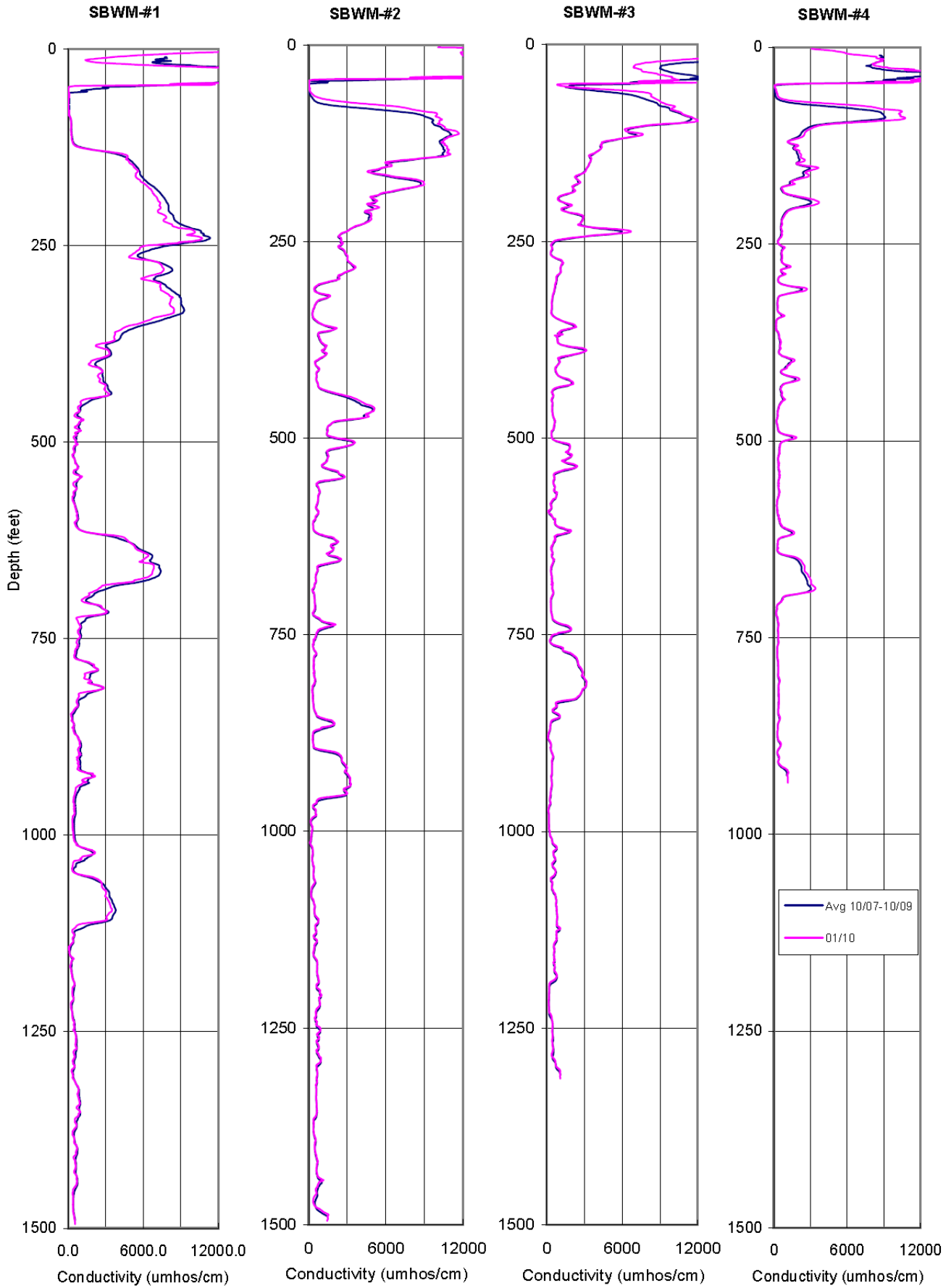
shaded cells = no production data available yet. Used 2008 data.

TECHNICAL ADVISORY COMMITTEE

***** AGENDA TRANSMITTAL FORM *****

MEETING DATE:	June 9, 2010
AGENDA ITEM:	3
AGENDA TITLE:	Update on Sentinel Well Induction Logging
PREPARED BY:	Robert Jaques, Technical Program Manager
<p>Martin Feeney has plotted the Sentinel Well induction log data from the first quarter, as shown in the attachment. He took Jon Lear's suggestion and plotted the most recent data against the average of all the previous logs.</p> <p>As in the past, the data does not show any signs of changes in conductivity.</p>	
ATTACHMENTS:	Inductions logs for first quarter of WY 2009-2010
RECOMMENDED ACTION:	None required – information only

Seaside Groundwater Basin Watermaster Sentinel Wells Induction Logs



**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE**

***** AGENDA TRANSMITTAL FORM *****

MEETING DATE:	June 9, 2010
AGENDA ITEM:	4
AGENDA TITLE:	Discusses Issues to be Addressed in Updating the BMAP
PREPARED BY:	Robert Jaques, Technical Program Manager

SUMMARY: As part of the work plan for the current Fiscal Year we identified the possible need and/or desirability of updating the Basin Management Action Plan (BMAP) which HydroMetrics prepared for the Watermaster in February 2009. The purpose of such an update, if it were to be performed, would be to incorporate more recent data that has been obtained about the Basin, and to modify some of the findings and recommendations, if the newer data affected the previous ones.

I have reviewed the February 2009 BMAP and believe that some of the Sections of that report which would benefit from updating include:

- In the Executive Summary Section there is discussion in several places regarding the Basin boundary. This may warrant updating based on the findings regarding the location of the northern boundary of the Basin and the fact that it is a “moving” boundary whose location depends on pumping within both the Seaside Basin and the Salinas Valley Basin
- In the Executive Summary Section there is discussion about potential future supplemental water supplies. Now that the Coastal Water Project (CWP) EIR has been finalized, this discussion could be updated to reflect data contained in that document.
- In the Executive Summary Section there is discussion about Groundwater Management Actions. Some of these may warrant updating based on things that have occurred since the BMAP was prepared, as well as recently obtained data about the Basin.
- In Section 2 there are discussions about groundwater levels (Section 2.3.1), hydrographs (Section 2.3.2 and 2.3.3), groundwater levels (Section 2.3.4), and Natural Safe Yield (Section 2.6). All of these discussions could be updated with data obtained from completion of the new monitoring well on the BLM Site at the former Fort Ord, the most recent Seawater Intrusion Analysis Report, and other data obtained on the Basin.
- In Section 3 there is discussion regarding the alternative water supply options being considered through the CWP EIR process. Now that that process has been finalized, these discussions could be updated.
- In Section 4 there are discussions about obtaining a new source of water to irrigate the Seaside Golf Courses (Section 4.1.2), ASR Phase 2 (Section 4.1.4), and the Sand City Desalination Plant (Section 4.1.7). All of these could be updated with more recent information.
- In Section 5 there are Recommendations that could be updated based on more recent information.

The TAC may identify additional sections of the BMAP that would benefit from updating.

AGENDA ITEM:

4 (Cont'd)

The purpose of having this item on today's agenda is to (1) determine whether or not the TAC feels that the BMAP should be updated, and (2) if the TAC feels updating should be performed, to solicit any additional topic areas in the BMAP that should be updated.

If the TAC desires to have the BMAP updated, I will ask HydroMetrics to prepare a scope and cost proposal to perform that work, and bring that information back to the TAC for action at a future meeting.

ATTACHMENTS:

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RECOMMENDED ACTION:

Provide Direction Regarding Updating the BMAP

BASIN MANAGEMENT ACTION PLAN

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<u>Recommendation 2: Support Development of Supplemental Supplies</u>	1
<u>Recommendation 3: Continue Ongoing Groundwater Monitoring.....</u>	1
<u>Recommendation 4: Continue Annual Analyses</u>	1
<u>Recommendation 5: Improve Basin Management Tools and Techniques</u>	1
<u>Recommendation 6: Develop Long-Term Financing Plan for Replenishment Water.....</u>	1
Section 6 References.....	1

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE**

***** AGENDA TRANSMITTAL FORM *****

MEETING DATE:	June 9, 2010
AGENDA ITEM:	5
AGENDA TITLE:	Information Regarding Funding for Water Projects
PREPARED BY:	Robert Jaques, Technical Program Manager
<p>SUMMARY: HydroMetrics provided me with the attached Technical Memorandum describing information they obtained from attending a recent Funding Fair. As the Memo indicates, there appear to be at least some funding programs that might be applicable to work that the Watermaster will likely need to perform in future years. Such work could include:</p> <ul style="list-style-type: none"> • Installing more monitoring wells • Updating planning documents such as the Basin Management Action Plan and the Seawater Intrusion Response Plan • Performing additional groundwater modeling <p>Two of the grant programs in particular, the Integrated Regional Water Management and the Local Groundwater Assistance programs, both of which are funded through Proposition 84 funds, appear to be the most applicable programs for this type of work. However, I was unsure of whether or not the Watermaster was an eligible applicant under these programs.</p> <p>To learn more about the feasibility of obtaining grant assistance for this work under either of these programs, I contacted Mr. Joe Yun of the Department of Water Resources. Attached is an email from his staff member Jerry Snow providing information about the program and the feasibility of the Watermaster applying for funding.</p> <p>Based on the information provided by Mr. Snow it appears that some of the work the Watermaster plans to perform could be eligible for funding under one or more of these grant programs. The Watermaster would not be an eligible applicant for these programs, but it might be possible for the Watermaster to apply for funding through an eligible applicant organization, for example either MPWMD or MCWRA. Obviously terms and conditions for such a joint undertaking would have to first be agreed to by the Watermaster and the applying agency.</p>	
ATTACHMENTS:	<p>(1) HydroMetrics Technical Memorandum Describing Funding Programs for Water Projects</p> <p>(2) Information from SWRCB and DWR regarding feasibility of obtaining funding</p>
RECOMMENDED ACTION:	Provide Recommendations and Direction to Technical Program Manager Regarding Any Actions to be Taken to Seek Grant Funds

TECHNICAL MEMORANDUM

To: Bob Jaques, Seaside Groundwater Basin Watermaster
From: Georgina King
Date: May 11, 2010
Subject: Funding for Water Projects

The California Financing Committee recently held a number of Funding Fairs throughout the state. Representatives from California Infrastructure and Economic Development Bank (IBANK), State Water Resources Control Board, California Energy Commission, Department of Water Resources, United States Department of Agriculture – Rural Development, California Department of Public Health, and Department of Housing and Community Development gave presentations that covered what type of funding they provide, requirements, and terms.

In the event you are not aware of these resources, we have summarized some of the water project funding information that may be of some use to your agency. Funding sources for wastewater projects have not been included in this memo. If information on wastewater project funding is needed, refer to the funding handbook below.

Important websites:

http://www.cfcc.ca.gov/docs/2010_CFCC_Handbook_Rev2-22-10.pdf - **funding handbook**. This PDF includes a summary table of all funding sources. Selected relevant items from this table have been included on the next few pages of this memo.

<http://www.rcac.org/assets/online-materials/SRF-CA%20Jan-June%2010%20brochure.pdf> - CDPH free drinking water workshops (online and classroom sessions).

Salt and Nutrient Management Plan Funding:

The Funding Fair did not include details regarding salt and nutrient plan funding. The SWRCB's Recycled Water Policy (adopted 5/14/2009) states, "The State Water Board will request CDWR to provide funding (\$20M) for the development of salt and nutrient management plans during the next three years (i.e., before FY 2010/2011)." No such request appears to have been made to date. However, Assembly Bill 410 (De La Torre), which is currently in the State Senate, will allow Proposition 84 money to be used for developing Salt and Nutrient Management Plans as part of IRWMP processes.

Funding General Inquiry Form:

Page 7 of this memo includes a general inquiry for funding form. You send the completed form to IBANK and they will forward it on to the relevant agency who would be able to assist with funding advice.

Existing Funding Programs:

The following table lists the status of existing programs that supply grants or loans for water projects.

Program	Department	Type	Purpose	Eligibility Requirements	CEQA/NEPA	Eligible Uses	Ineligible Uses	Funding Limits	Terms/Dates	Contact
Infrastructure State Revolving Fund (ISRF) Program	California Infrastructure and Economic Development Bank (IBANK)	Loan	Provide financing for construction and/or repair of publicly owned water supply, treatment and distribution systems, and drainage, and flood control facilities	Applicant must be a local municipal entity Project must meet tax-exempt financing criteria	CEQA	Acquire land, construct and/or repair water collection and treatment systems, including equipment	Privately owned infrastructure Debt refinancing	\$10 million maximum per project per fiscal year \$20 million annual maximum per jurisdiction per fiscal year	Interest rate is 67% of Thompson's Municipal Market Index for 'A' rated security Maximum 30 year term Open application process Preliminary Application available at ibank.ca.gov	Diane Cummings (916) 324-4805
Safe Drinking Water State Revolving Fund (SDWSRF)	California Department of Public Health	Loans Grants	Provide low interest loans or grants to assist public water systems in achieving or maintaining compliance with the Safe Drinking Water Act (SDWA)	Must be a public water system Project must be needed to comply with the SDWA Project must be on CDPH's project priority list System must meet technical, managerial, and financial requirements All applications are for loans; financial review determines if grant funds apply	CEQA Some projects CEQA/NEPA	Water treatment facilities, replace aging infrastructure, planning studies, consolidation of water systems, source water protection, etc	Dams or rehab of dams, O&M costs, lab fees for monitoring, projects mainly for fire protection or future growth, etc	\$500,000 per planning study \$20 million per project and \$30 million per entity per cap grant Call program for grant limitations	Pre-application Invited annually Loan: Interest rate is ½ the general obligation rate 2009 program rate is 2.5017%, paid back over 20 years. The rate changes every January Disadvantaged system can obtain a zero interest loan Disadvantaged public and mutual systems may receive partial grant funding	Kelvin Yamada (916) 449-5624

Program	Department	Type	Purpose	Eligibility Requirements	CEQA/NEPA	Eligible Uses	Ineligible Uses	Funding Limits	Terms/Dates	Contact
Proposition 82 New Local Water Supply	Department of Water Resources	Loan	Water supply development projects and feasibility studies	Local public agencies	CEQA	Construction or study of canals, dams, reservoirs, desalination facilities, groundwater extraction project where more than 50% of expected benefits result from hydroelectric power generation facilities, or other construction or improvements		\$5 million per eligible construction project \$500,000 per eligible feasibility study	Interest rate is the State's rate on General Obligation bonds Repayment up to 20 years for construction projects or 5 years for feasibility studies Continuous filing Check website (www.grantsloans.water.ca.gov) for updates	Jerry Snow (916) 651-9264

Program	Department	Type	Purpose	Eligibility Requirements	CEQA/NEPA	Eligible Uses	Ineligible Uses	Funding Limits	Terms/Dates	Contact
Proposition 84 (Chapter 2, §75026) Integrated Regional Water Management (IRWM)	Department of Water Resources	Grant	For projects that assist local public agencies to meet long-term water management needs of the State, including the delivery of safe drinking water, flood risk reduction, and protection of water quality and the environment Grant funds for development and revisions of IRWM Plans and implementation projects of IRWM Plans	A local public agency or nonprofit representing an IRWM effort must be the applicant or grantee Other IRWM partners may access funds through their own agreements with the applicant /grantee	CEQA	Development or revision of IRWM Plans. Projects that implement IRWM Plans	Operation and maintenance activities	Bond funding allocation for entire program is \$1billion Prop 84 allots grant funding to 11 funding areas. Approximately 20 million in Funds for inter-regional efforts Guidelines contain information on how potential funding of multiple IRWM efforts within a funding area will occur and maximum grant amount per funding area. Guidelines have also been combined with prop 1E SWFM funding. Each Proposal Solicitation Package will have predetermined amount of funds available.	\$100 million of implementation will be available in the first Proposal Solicitation Package. Additional \$250 million for reducing dependence on delta water may be added to the first round solicitation. Draft guidelines and application comment period is closed. See www.water.ca.gov/irwm/integregio_new10.cfm for more information 25% minimum cost share with waivers for DACs Check website www.grantsloans.water.ca.gov/grants/irwm/integregio.cfm for updated schedule	Joe Yun (916) 653-9222

Program	Department	Type	Purpose	Eligibility Requirements	CEQA/NEPA	Eligible Uses	Ineligible Uses	Funding Limits	Terms/Dates	Contact
Proposition 84 Local Groundwater Assistance	Department of Water Resources	Grant	Assistance for local public agencies to conduct groundwater studies or carry out groundwater monitoring or management activities	Local public agencies	CEQA	Groundwater data collection, modeling, monitoring, and management studies; monitoring programs; installation of monitoring wells and equipment; basin management; development of information systems; groundwater planning; and other groundwater management related activities	Projects without a clear nexus to groundwater management, projects which solely benefit private landowners or water users, research not directly related to groundwater management, and most production wells	\$250,000 per eligible project or study	\$4.68 million appropriated for FY 2009-10 funding cycles Check website (www.water.ca.gov/lgrant) for updates	Jerry Snow (916) 651-9264
Non-Point Source Program (through the Clean Water State Revolving Fund [CWSRF] Expanded Use Program)	State Water Resources Control Board	Financing	Financing to protect water quality	Public agencies, nonprofits, and private parties (through special arrangement)	CEQA or CEQA +	Land acquisition to protect habitat/water quality; stormwater management; irrigation /drainage management; hydromodification; forestry; marinas; abandoned mines; animal feeding	Actions required by National Pollutant Discharge Elimination System (NPDES) permits	\$50 million per project per year	Interest is ½ of the latest general obligation bond (interest rate reductions may be available in the future) Repayment	Julé Rizzardo (916) 341-5822

CALIFORNIA FINANCING COORDINATING COMMITTEE (CFCC)

COMMON FUNDING INQUIRY FORM

Instructions: An electronic copy of this form can be obtained at: www.cfcc.ca.gov
 Please provide the information below and e-mail the completed form to: dcummings@ibank.ca.gov
 If completing a hard copy of this form, attach responses where applicable and fax to Karl Whittington at (916) 319-7607.

Name of Applicant or Official System Name: _____ **County:** _____

Check the box that best describes the applicant's organization:

Municipal entity
 Private entity, for profit
 Private entity, nonprofit

Project OR problem description. Describe the problem or the need for the project, the purpose of the project, the basic design features of the project and what the project will accomplish. (Attach documentation, if available)

Estimated Project Schedule. Provide a timeline that illustrates the estimated start and completion dates for each major phase or milestone of project development, construction and/or acquisition (including, for example, feasibility study, land acquisition, preliminary engineering, environmental review, final design and construction commencement and completion).

Financing is needed for (check all that apply):

Feasibility Study
 Rate Study
 Engineering/Architectural
 Land Acquisition
 Project Construction and Administration
 Other, specify: _____

Estimated Total Project Costs \$ **Estimated amount of funding requested** \$

Multiple funding sources anticipated: Yes No

For water/sewer projects only:

System ID No.: _____

Service Area Population: _____
Number of Service Connections: _____
Estimated Median Household Income of service area: \$ _____

How did you hear about the California Financing Coordinating Committee?

All correspondence regarding this inquiry will be sent to the individual named below. You will receive a written acknowledgement of the receipt of this inquiry form and be contacted by staff of the appropriate CFCC member agencies to pursue additional assistance.

Printed Name of Inquirer _____ Title _____

Mailing Address (street) _____ City/State _____ Zip code _____

() _____ () _____
 Phone Number _____ FAX Number _____ e-mail _____

For CFCC Use Only: _____ *Date of Referral to CFCC Member Agencies:* _____ *Date Responded to Applicant Inquiry:* _____

DWR Response to Email Questions About the Funding Programs

(Source: Jerry Snow, Environmental Scientist, Financial Assistance Branch, Division of Integrated Regional Water Management, Department of Water Resources, 901 P Street , P. O. Box 942836, Sacramento, CA 94236-0001, Phone: (916) 651-9264)

The Seaside Basin Watermaster is not considered an eligible applicant for a Proposition (Prop) 84 grant under either grant program (see exception below). It is typically easiest for the Watermaster to be the project proponent, but work with a local public agency to submit the grant application on behalf of the Watermaster. The type of projects that you mentioned (e.g., installing monitoring wells, developing groundwater models, etc) are eligible project types for the Prop 84 IRWM, and the LGA grant programs. Each program has its own eligibility requirements, and I've briefly summarized them below.

Under our IRWM grant program, the local public agency applying for the grant would need to be a member of a Regional Water Management Group (RWMG) for an IRWM region that has been accepted based on the DWR Region Acceptance Process. In your area the accepted IRWM region is most likely the Greater Monterey County IRWM region. It could also be the Monterey Peninsula IRWM region (or both), but I would have to check your jurisdictional boundaries to make sure. Also, any project the Watermaster is the proponent for would need to be included in an IRWM Plan to be eligible for funding. In addition, only one grant application per IRWM region is allowed under the Prop 84 IRWM program, so it may take some coordination with your local RWMG to get your project(s) included into an IRWM Plan. The next IRWM grant solicitation is anticipated to be released this summer, likely in July. So there may not be enough time to coordinate with an established IRWM region for this next round. However, a second round of IRWM planning grants is tentatively scheduled for release during the winter of 2010/2011, which would give you a little more time to be included in the project selection process. The IRWM program is complicated, and I've just barely scratched the surface in this email. To learn more, I would encourage you to visit our IRWM funding website here:

<http://www.water.ca.gov/irwm/index.cfm>. The draft program guidelines, tentative schedule, and application requirements in the draft proposal solicitation package are all available for download.

The grant applicant would need to be a local public agency under the LGA program, as a court appointed water master is not typically eligible. One way a Watermaster could be eligible to apply for, and receive funds, would be to provide DWR with a written legal determination that their function is equivalent to that of a local public agency. And then get DWR legal concurrence. This is easier said than done, and to avoid a hassle, it is probably easier to ask a local public agency to apply on the Watermaster's behalf. The next LGA solicitation is anticipated to be released later this calendar year, but no exact date has been set. The draft LGA program guidelines, tentative schedule, and application requirements in the draft proposal solicitation package are all available for download by clicking here: <http://www.water.ca.gov/lgagrants/>.

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE**

***** AGENDA TRANSMITTAL FORM *****

MEETING DATE:	June 9, 2010
AGENDA ITEM:	6
AGENDA TITLE:	Discussion on HydroMetrics Use of Seaside Modeling Results in a paper for an ASCE Conference
PREPARED BY:	Robert Jaques, Technical Program Manager
SUMMARY:	HydroMetrics has asked the Watermaster's permission to use results from its Seaside Basin modeling work to write a paper for an ASCE conference that has a Sustainable Water Resources Management - Saltwater Intrusion in Coastal Management session. Attached is language from the Abstract prepared for the proposed Paper, reflecting some edits as requested by TAC members.
ATTACHMENTS:	None
RECOMMENDED ACTION:	Approve HydroMetrics' request to use Seaside Basin modeling results in preparing a paper for presentation at this conference

ABSTRACT

Saltwater intrusion constrains the sustainable use of groundwater in coastal basins. As a result of overpumping or reduced recharge, many coastal basins have depressed groundwater elevations that put the basins at risk for incipient or advancing saltwater intrusion. Managing groundwater in these basins is often accomplished with numerical models, but applying numerical models for these subsurface environments is complicated by two main challenges:

- 1. Modeling the density dependent flow of the saltwater/freshwater interface can be numerically intensive and may produce errant results due to requirements for a fine vertical model grid; and*
- 2. If the saltwater/freshwater interface is offshore, calibration of the modeled interface to known boundary conditions is precluded.*

We successfully developed a two-step methodology for addressing these challenges in the Seaside basin along the central coast of California. First, we estimated protective groundwater elevations that will prevent saltwater intrusion without the need for a calibrated groundwater model. Density dependent cross sectional models extending offshore were used to identify onshore groundwater elevations that allow the interface to equilibrate at a known location offshore, regardless of the interface's current position. This approach is a time independent approach that has the advantage of not requiring time series model inputs. Model layers were extended offshore based on understood geology and the aquifer parameters were varied based on a Monte Carlo approach. Results from the Monte Carlo approach were used to assess the probability that a protective groundwater elevation will prevent saltwater intrusion. Based on these probabilities, groundwater elevation objectives were established for coastal locations. These protective groundwater elevation objectives can be compared to groundwater elevation data to assess the basin's level of risk for saltwater intrusion.

Second, the protective groundwater elevations were applied as metrics in a basin-wide model to evaluate the ability of groundwater management alternatives to prevent saltwater intrusion. Each groundwater management alternative for the Seaside basin included a specific set of pumping, in-lieu recharge, and artificial recharge conditions. The alternatives were simulated in the basin-wide model and assessed for how well the protective groundwater elevations were met. Since the protective groundwater elevations were based on density dependent models, and most of the basin is not affected by saltwater, the basin-wide model was not density dependent. This reduced the need to refine the vertical model grid, and reduced the computation time for the simulations. Groundwater management alternatives that performed better in meeting protective groundwater elevations were considered preferable for preventing saltwater intrusion.

**SEASIDE BASIN WATER MASTER
TECHNICAL ADVISORY COMMITTEE**

***** AGENDA TRANSMITTAL FORM *****

MEETING DATE:	June 9, 2010
AGENDA ITEM:	7
AGENDA TITLE:	Schedule
PREPARED BY:	Robert Jaques, Technical Program Manager
SUMMARY:	<p>As a regular part of each monthly TAC meeting, I will provide the TAC with an updated Consultants Work Schedule of the activities being performed by the Watermaster's consultants and the public entity, MPWMD, which is performing certain portions of the work, and of the Critical Program Milestones Schedule.</p> <p>Attached is the Updated Consultants Work Schedule.</p>
ATTACHMENTS:	Updated Schedule of Work Activities
RECOMMENDED ACTION:	Provide Input to Technical Program Manager Regarding Any Corrections or Additions to This Schedule

Seaside Basin Watermaster Monitoring and Management Program 2010 Work Schedule

ID	Task Name	2010																	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
1	CRITICAL PROJECT MILESTONES ASSOCIATED WITH TAC, BOARD, AND/OR CONSULTANT WORK																		
2	2011 Administration, Operations and Replenishment Budgets																		
3	Prepare M&MP Draft Budgets (Same as Task 35)																		
4	TAC Approves M&MP Budgets (Same as Task 36)																		
5	Board Approves M&MP Budgets (Same as Task 37)																		
6	Watermaster Prepares Quarterly Water Production, Water Level, and Water Quality Reports																		
25	Replenishment Assessment Unit Costs for Water Year 2011																		
26	Develop Replenishment Assessment Unit Cost for 2011 Water Year																		
27	TAC Approves 2011 Water Year Replenishment Assessment Unit Cost																		
28	Board Adopts and Declares 2011 Water Year Replenishment Assessment Unit Cost																		
29	Replenishment Assessments for Water Year 2010																		
30	Watermaster Prepares Replenishment Assessments for Water Year 2010																		
31	Watermaster Board Approves Replenishment Assessments for Water Year 2010																		
32	Watermaster Levies Replenishment Assessment for 2010																		
33	Monitoring & Management Program (M&MP) Budgets for 2011 and 2012																		

Seaside Basin Watermaster Monitoring and Management Program 2010 Work Schedule

ID	Task Name	2010																	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
49	IMPLEMENTATION																		
50	I.2.a DATABASE MANAGEMENT																		
51	I.2.a.1 Conduct Ongoing Data Entry/Database Maintenance																		
52	Perform Data Entry (Production, Level, and Quality)	[Blue shaded bar from Jan to Dec]																	
53	Initial TAC Discussion of Possible Enhancements to Database	Completed ◆																	
54	Compile Enhancements to be Made to the Database Based on User Input	Completed [Blue shaded bar from Jan to Feb]																	
55	TAC Approves Enhancements to be Made to the Database	Completed ◆																	
56	Prepare RFS to Have Enhancements Made to the Database	[Blue shaded bar from Feb to Mar]																	
57	TAC Approves RFS for Enhancements to be Made to the Database	Completed ◆																	
58	Board Approves RFS for Enhancements to be Made to the Database	Completed ◆																	
59	Make Enhancements to the Database	[Blue shaded bar from Apr to May]																	
60	I.2.b DATA COLLECTION PROGRAM																		
61	I.2.b.2 Collect Monthly Water Levels (MPWMD)	[Blue shaded bar from Jan to Dec]																	
62	I.2.b.3 Collect Quarterly Water Quality Samples (MPWMD)	[Blue shaded bar from Jan to Dec]																	
63	I.2.b.4 Update Program Schedule and Standard Operating Procedures																		

Seaside Basin Watermaster Monitoring and Management Program 2010 Work Schedule

ID	Task Name	2010																
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
64	MPWMD Prepares Memo with Recommendations	Completed																
67	TAC Approves Recommendations			Completed														
70	I.2.b.6 Reports (from MPWMD)	SEE ID 6 ABOVE																
71	I.3.a ENHANCED SEASIDE BASIN GROUNDWATER MODEL																	
72	I.3.a.2 Develop Protective Water Levels																	
73	HydroMetrics Meets with TAC to for Preliminary Discussion of Development of Protective Water Levels			Completed														
74	HydroMetrics Meets with TAC to for Further Discussion of Development of Protective Water Levels			Completed														
75	Prepare Contract with HydroMetrics to Refine Protective Water Levels Developed in 2009			Completed														
76	Board Approves Contract with HydroMetrics to Refine Protective Water Levels (Board Deferred Performing this Work to an Unspecified Future Date. A Date of July, 2010 Has Been Shown Only as a Placeholder).																	
77	HydroMetrics Refines Protective Water Levels																	
78	HydroMetrics Makes Summary Report to TAC on Refinement of Protective Water Levels																	
79	HydroMetrics Makes Summary Report to Board on Protective Water Levels																	
80	I.3.a.3 Evaluate Replenishment Scenarios and Develop Answers to Basin Management Questions																	

Seaside Basin Watermaster Monitoring and Management Program 2010 Work Schedule

ID	Task Name	2010												Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec												
81	HydroMetrics Meets with TAC for Preliminary Discussion on Additional Scenarios to be Evaluated	Completed																							
82	HydroMetrics Meets with TAC to Complete Selection of Management Objectives and Additional Scenarios to be Evaluated	Completed																							
83	Board Approves Management Objectives and Scenarios to be Evaluated	Completed																							
84	Prepare Contract with HydroMetrics to Evaluate Additional Replenishment Scenarios	Completed																							
85	TAC Approves Contract with HydroMetrics to Evaluate Additional Replenishment Scenarios	Completed																							
86	Board Approves Contract with HydroMetrics to Evaluate Additional Replenishment Scenarios	Completed																							
87	Watermaster Issues RFS to HydroMetrics to Perform Work				Completed																				
88	HydroMetrics Evaluates Scenario 1 - Laguna Seca Scenario																								
89	HydroMetrics Makes Brief Oral Report to TAC Regarding Conclusions from Evaluation of Scenario 1																								
90	TAC Completes Discussion to Finalize Criteria to be Used in Scenario 2 - Regional Water Supply Project Scenario																								
91	HydroMetrics Evaluates Scenario 2 - Regional Water Supply Project																								
92	HydroMetrics Makes Summary Report to TAC Regarding Evaluation of Scenarios 1 and 2																								
93	HydroMetrics Makes Summary Report to Board Regarding Evaluation of Scenarios 1 and 2																								
94	I.3.b Complete Preparation of Basin Management and Action Plan (BMAP)	WORK COMPLETED - NO FURTHER WORK PLANNED IN 2010																							

Seaside Basin Watermaster Monitoring and Management Program 2010 Work Schedule

ID	Task Name	2010																	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
95	I.3.c Refine and/or Update the BMAP																		
96	TAC Discusses Issues to be Addressed in Updating the BMAP						◆ 6/9												
97	Prepare Contract with HydroMetrics for Updating the BMAP						■												
98	TAC Approves Contract with HydroMetrics for Updating the BMAP							◆ 7/14											
99	Board Approves Contract with HydroMetrics for Updating the BMAP								◆ 8/4										
100	HydroMetrics Updates the BMAP								■										
101	HydroMetrics Makes Presentation on Draft Updated BMAP to TAC												◆ 10/13						
102	HydroMetrics Makes Presentation of Final Draft Updated BMAP to Board and Board Adopts Final Updated BMAP													◆ 11/3					
103	I.3.d Evaluate Coastal Wells for Cross-Aquifer Contamination Potential																		
104	Prepare Scope of Work for MPWMD to Evaluate the Wells			■															
105	TAC Approves Scope of Work for MPWMD to Evaluate the Wells			◆ Completed															
106	MPWMD Evaluates the Wells				■														
107	MPWMD Makes Presentation of Well Evaluation to TAC																		
108	MPWMD Makes Presentation of Well Evaluation to Board																		
109	I.4.a HydroMetrics & MPWMD Provide Oversight of Seawater Intrusion Detection and Tracking																		

Seaside Basin Watermaster Monitoring and Management Program 2010 Work Schedule

ID	Task Name	2010																	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
110	I.4.b HydroMetrics Analyzes and Maps Water Quality from Coastal Monitoring Wells																		
111	I.4.c Annual Seawater Intrusion Analysis Report (SIAR)																		
112	HydroMetrics Provides Draft SIAR to Watermaster																		
113	TAC Approves Annual Seawater Intrusion Analysis Report (SIAR)												◆ 10/6						
114	Board Approves Annual Seawater Intrusion Analysis Report (SIAR)												◆ 10/13						
115	Board Approves Annual Seawater Intrusion Analysis Report (SIAR)												◆ 11/3						
115	I.4.d Complete Preparation of Seawater Intrusion Response Plan (SIRP)	WORK COMPLETED - NO FURTHER WORK PLANNED IN 2010																	
116	I.4.e Refine and/or Update the SIRP	NOT NECESSARY																	