

Seaside Groundwater Basin Watermaster

Regular Meeting

Wednesday, June 6, 2007

1:30 P.M.

Soper Community Center

220 Coe Ave.

Seaside, CA

**SEASIDE GROUNDWATER BASIN WATERMASTER
MEETING AGENDA
WEDNESDAY, JUNE 6, 2007, 1:30 P.M.
SOPER FIELD COMMUNITY CENTER
220 COE AVENUE
SEASIDE, CALIFORNIA**

WATERMASTER BOARD:

City of Seaside – Mayor Ralph Rubio, Chairman
Laguna Seca Subarea Landowner – Director Bob Costa, Vice Chairman
Monterey Peninsula Water Management District – Director Michelle Knight, Secretary
City of Monterey – Vice Mayor Jeff Haferman, Treasurer
City of Sand City – Mayor David Pendergrass
California American Water – Director Steve Leonard
City of Del Rey Oaks – Mayor Joseph Russell
Monterey County/Monterey County Water Resources Agency - Supervisor Jerry Smith, District 4
Coastal Subarea Landowner – Director Paul Bruno

I. CALL TO ORDER

II. ROLL CALL

III. APPROVAL OF MINUTES;

The minutes of the Regular Board meeting of May 2, 2007 is attached to this agenda. Watermaster Board is requested to approve the minutes.

IV. REVIEW OF AGENDA

If there are any items that arose after the 72-hour posting deadline, a vote may be taken to add the item to the agenda, pursuant to the requirements of Government Code Section 54954.2(b). (A 2/3-majority vote is required.)

V. PUBLIC COMMUNICATIONS

Oral communications is on each meeting agenda in order to provide members of the public an opportunity to address the Watermaster on matters within its jurisdiction. Matters not appearing on the agenda will not receive action at this meeting but may be referred to the Watermaster Administrator or may be set for a future meeting. Presentations will be limited to three minutes or as otherwise established by the Watermaster. In order that the speaker may be identified in the minutes of the meeting, it is helpful if speakers would use the microphone and state their names. Oral communications are now open

VI. CONSENT CALENDAR

- A. Consider request approval for payment of May, 2007 bills
- B. Consider schedule of Contractual Payments Requested to be made during May, 2007 totaling \$88,284.28

C. Consider current Year Financial Reports – Through May 31, 2007

VII. OLD BUSINESS

A. COMMITTEE REPORTS

1. TECHNICAL COMMITTEE

a) Receive TAC progress report and presentation on RBF Consulting contract

2. BUDGET/FINANCE COMMITTEE

No current report

VIII. NEW BUSINESS

- A. Consider adopting a June, 2007 report to update Judge Randall on Status of Implementation of the Seaside Basin Monitoring and Management Program
- B. Consider approving an employment contract with Mr. Robert Jaques as Watermaster Technical Project Manager (Introduce Mr. Jaques to Board)

IX. INFORMATIONAL REPORTS (No Action Required)

- A. Timeline schedule of Milestone dates (Critical date monitoring)
- B. Water Extraction Reports from Seaside Basin for Quarter January 1 through March 31, 2007

X. DIRECTOR'S REPORTS

XI. EXECUTIVE OFFICER COMMENTS

XII. NEXT MEETING DATE – JULY 11, 2007 (Soper Field Community Center) 1:30 P.M.

XIII. ADJOURNMENT

This agenda was forwarded via e-mail to the City Clerks of Seaside, Monterey, Sand City and Del Rey Oaks; the Clerk of the Monterey Board of Supervisors; the Clerk to the Monterey Peninsula Water Management District; the Clerk at the Monterey County Water Resources Agency and the California American Water Company for posting on June 1, 2007 per the Ralph M. Brown Act, Government Code Section 54954.2(a).

ITEM NO - III

**APPROVAL OF
MINUTES**

REGULAR MEETING
Seaside Groundwater Basin Watermaster
May 2, 2007

MINUTES

I. CALL TO ORDER

Chairman Rubio called the meeting to order at 1:32 p.m. in the Soper Community Center at Soper Field, 220 Coe Avenue, Seaside.

II. ROLL CALL

City of Seaside – Mayor Ralph Rubio, Chairman
Laguna Seca Subarea Landowner – Director Bob Costa, Vice Chairman
Monterey Peninsula Water Management District – Director Michelle Knight, Secretary
City of Monterey – (Alternate) Director Les Turnbeaugh
City of Sand City – Mayor David Pendergrass
California American Water – Director Steve Leonard
City of Del Rey Oaks – Mayor Joseph Russell
Coastal Subarea Landowner – Director Paul Bruno
Monterey County/Monterey County Water Resources Agency – (Alternate) Supervisor Dave Potter

III. APPROVAL OF MINUTES

Moved by Director Leonard, seconded by Director Knight, and unanimously carried, to approve the Watermaster Regular meeting minutes of April 18, 2007.

IV. REVIEW OF AGENDA

There were no changes to the agenda.

V. PUBLIC PARTICIPATION/ORAL COMMUNICATIONS

There were no questions or comments from the public.

VI. CONSENT CALENDAR

A. Contract Compensation—CEO	\$7,575.00
Reimbursable—General	2,142.43
B. Current Year Financial Reports – Through March 31, 2007	

Moved by Director Turnbeaugh, seconded by Director Leonard, and unanimously carried, to approve the payment of bills and the current fiscal year financial reports.

VII. ORAL PRESENTATION

Mr. Martin Feeney presented orally to the Board an update on installation of Basin Monitoring and Management Program (“BMMP”) sentinel monitoring wells. A native plant endangered

species survey was necessary in order to satisfy requirements in obtaining a Right of Entry permit from the State Parks Department. The Coastal Commission has indicated that it will grant a de minimis waiver at its June 12, 2007 hearing. An application will then be made to Monterey County for ministerial permits that require CEQA certification and a check-off from the Coastal Commission. It is anticipated that drilling at well sites will commence in July 2007, two months later than originally estimated. The logistics are in place to begin drilling upon permit approval. Since the well sites are on State Park property, California State Parks, with Ken Gray as point person, stepped up as lead agency for the project. Director Leonard requested that the Court be notified regarding permitting delays due to the effect of recent rainy weather on endangered species in the program area resulting in the need for a species survey.

VIII. OLD BUSINESS

X. COMMITTEE REPORTS

1. TECHNICAL COMMITTEE – No current report.

2. BUDGET/FINANCE COMMITTEE

A) Adopt revised Fiscal Year 2007 Budgets

1. Administrative Fund Budget
2. Monitoring and Management – Operations Fund Budget
3. Monitoring and Management – Capital Fund Budget
4. Replenishment Fund Budget

Moved by Director Turnbeaugh, seconded by Director Costa, and unanimously carried, to adopt the revised Fiscal Year 2007 budgets: Administrative Fund, Monitoring and Management – Operations Fund, Monitoring and Management – Capital Fund, and Replenishment Fund.

IX. NEW BUSINESS

A. Discussion on adding the Pledge of Allegiance to the Watermaster agenda

The Board concurred that if a flag is present at locations when and where Watermaster Board meetings are conducted, then the Pledge of Allegiance will be performed.

X. STAFF INFORMATIONAL REPORTS

A. Timeline schedule of Milestone Dates (Critical date monitoring)

Mr. Joe Oliver, Senior Hydrologist, Monterey Peninsula Water Management District, pointed out to the Board that the “Timelines” section of the schedule is approximately two months behind actual expected timeframes due to the letting of contracts associated with the BMMP implementation having just been completed. Mr. Oliver will work with the Watermaster Technical

Advisory Committee, the Watermaster CEO, and RBF Consulting to provide updated timeframes for BMMP tasks.

XI. DIRECTOR'S REPORTS

There were no reports from directors.

XII. EXECUTIVE OFFICER STATEMENTS

CEO Evans reported that consultant contracts for BMMP implementation have been distributed for signature and staff is awaiting return of the executed contracts.

Recruitment for the position of Technical Project Manager ("TPM") is underway. The TAC subcommittee established previously (Oliver, Bunosky, Turnbeaugh) will meet to revise the TPM job description and submit for legal review. Recruitment notices will be sent out to pertinent agencies and individuals. It is anticipated that a candidate will be recommended at the June 6 Board meeting.

The website is live and can be accessed at seasidebasinwatermaster.org. Most of the agendas and minutes from previous Watermaster Board meetings have been posted to the site, and other documents are scheduled to be posted in the near future.

Producers listed in the Court adjudication are required to report to the Watermaster CEO quarterly production amounts drawn from the Seaside groundwater basin. Requests have been made by the CEO of all producers to supply that information and many have not reported. Staff will be following up with producers that have not reported for quarter ending April 2007 and any previous quarters.

The City of Seaside Finance Department will be contacted soon to reconcile Watermaster financial transaction records with that of the City of Seaside that administers Watermaster financial cash handling records.

XIII. NEXT MEETING DATE – JUNE 6, 2007, SOPER FIELD COMMUNITY CENTER, 1:30 P.M.

XIV. There being no further business, Chairman Rubio adjourned the meeting at 2:00 p.m.

ITEM - VI

CONSENT CALENDAR

ITEM VI.A.
06/06/07

**SEASIDE GROUNDWATER BASIN
WATERMASTER**

TO: Board of Directors
FROM: Dewey D Evans, CEO
DATE: June 6, 2007
SUBJECT: Payment of May, 2007 Bills

PURPOSE:

Pay for services and supplies needed to conduct Watermaster monthly business

RECOMMENDATION:

Consider approving the payment of bills listed on the attached schedule.

COMMENTS:

Contract Compensation— (93.5 hours) For the period from April 22, 2007 through May 26, 2007 a total of 93.5 billable hours were recorded working directly on Watermaster related business. During this period there was one Board meetings to prepare for with all the related staff reports, coordination of reports from others and meetings to attend. The major focus of this billing period was the recruitment of a part time contractual Technical Project Manager (TPM). This recruitment required working closely with the TAC sub committee, legal committee members, getting proper notices out, interviews, negotiations with candidates and the final selection process. This was to be accomplished in time to have the proper person selected and introduced to the Board at the next Board meeting scheduled for June 6, 2007. Additionally, time was spent reviewing and overseeing the web site development, making sure that the three recently adopted contracts were properly executed, mailed and filed and working with the TAC on preparing and sending out the agenda for the regular TAC meeting held on May 23rd.

Reimbursable—direct expenditures that are being requested to be reimbursed for are: rent of office space at 2600 Garden Road, Suite 228 for the month of June, 2007. Administrative support for the recording and transcribing of Board minutes, data entry into QuickBooks, up dating and maintenance of monthly regular milestone update, web site postings, TAC meeting attendance, agenda preparation, minutes, and follow through on assignments as requested. Monthly telephone and internet services for the month, regular office supplies and postage required for certified mailings.

FISCAL IMPACT:

Payment of bills reduces the adopted budgeted amounts in the Administrative Fund by a total of \$10,065.84.

If you have any questions or concerns please let me know

Thanks,

Dewey D Evans

**SEASIDE GROUNDWATER BASIN
WATERMASTER
May, 2007**

Request for Payment of Bills

Request for Payment:

Contract Compensation:

Chief Executive Officer—Dewey D Evans 93.5 hours—April 22, 2007 through, May 26, 2007 At \$75.00 per hour--	<u>\$7,012.50</u>
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Reimbursables:

Pay to Dewey D Evans for personal expenses paid on behalf of
Watermaster program:

Office rental-2600 Garden Road, Suite 228 (June, 2007)	\$280.00
Administrative Support—Preparation of Board meeting minutes, TAC meeting attendance and coordination, web site updates and other general administrative support	1, 737.50
Web site setup, hosting, site registration and monthly maintenance	640.00
Telephone and Internet Services (March)	104.92
Lunch for interview panel	69.78
Office supplies and postage	<u>221.14</u>
Total Reimbursables	<u>\$3,053.34</u>

**SEASIDE GROUNDWATER BASIN
WATERMASTER**

TO: Board of Directors
FROM: Dewey D Evans, CEO
DATE: June 6, 2007
SUBJECT: Payments Requested to be made to Contractors during May, 2007.

PURPOSE:

To make progress payments for services provided under contractual obligations with Watermaster

RECOMMENDATIONS:

Consider approving progress payments to contractors totaling \$88,284.28 submitted during May, 2007

COMMENTS and FISCAL IMPACT:

Two progress billings were submitted to the Watermaster's Office for payment during the month of May.

- 1) Martin Feeney—Contract for \$850,000.00, dated February 20, 2007 for Seawater Sentinel Monitoring Wells—progress payment number 1 for services rendered from February 20, 2007 through April 30, 2007 -- \$25,674.43 less 20% retention of \$5,134.89 = \$20,539.54.
- 2) RBF Consulting—Contracts for \$390,071.00, dated April 18, 2007 and \$35,000.00 dated February 7, 2007 for Implementation of the Seaside Groundwater Basin Monitoring and Management Program (SBMMP), Phase I and Scope of Work to Identify Revised SBMMP priorities respectively—progress payment number 1 for services rendered through April 30, 2007— \$75,271.93 less 10% retention of \$7,527.19 = \$67,744.74.

Total requested payments for month of May, 2007 totaled \$100,946.36 less \$12,662.08 retentions equals \$88,284.28 authorized to be paid.

**SEASIDE GROUNDWATER BASIN
WATERMASTER**

TO: Board of Directors

FROM: Dewey D Evans, CEO

DATE: June 6, 2007

SUBJECT: Current Year Financial Reports – January 1, 2007 through May 31, 2007

PURPOSE:

To keep the Board informed of the current status of the Watermaster's financial condition

RECOMMENDATION:

That the Board of Directors consider approving and accepting the latest financial reports for the period January 1, 2007 through May 31, 2007

DISCUSSION:

The Board of Director's at the April 18, 2007 Watermaster Board meeting requested that all future monthly financial reports be placed on the regular Consent Calendar portion of the Watermaster's agenda. The following four (4) financial schedules illustrate the status of the Watermaster's four (4) Funds adopted budgets and the actual financial activity that has occurred in each of the Funds during the current Administrative Year 2007: January 1 through May 31, 2007.

FISCAL IMPACT:

No direct fiscal impact, but, does provide very valuable financial information on a monthly basis

ATTACHMENTS:

Four financial schedules

**Seaside Groundwater Basin Watermaster
Budget vs. Actual Administrative Fund
Fiscal Year (January 1 - December 31, 2007)
Balance through May 31, 2007**

	<u>Adopted Budget</u>	<u>Year to Date Expenses</u>	<u>Balance</u>
Ordinary Income/Expense			
Income			
Assessment			
FY 2006 Rollover	58,866.47		58,866.47
Administrative Fund	64,000.00		64,000.00
Additional Assessment 4/18/07	27,150.00		27,150.00
Total Assessment	<u>150,016.47</u>		<u>150,016.47</u>
Expense			
Administrative			
Computer Maint. & Supplies	3,000.00	37.52	2,962.48
Contract Staff	73,000.00	33,150.00	39,850.00
Meetings, Travel & Membership	2,000.00	69.78	1,930.22
Mileage Reimbursement	1,500.00	0.00	1,500.00
Office Consumables & Other	6,000.00	1,500.19	4,499.81
Office Equip. Maint. & Rental	1,000.00	0.00	1,000.00
Office Rental	3,500.00	1,400.00	2,100.00
Administrative Support	22,150.00	6,937.50	15,212.50
Legal	10,000.00	0.00	10,000.00
Utilities	1,000.00	525.93	474.07
Total Administrative	<u>123,150.00</u>	<u>43,620.92</u>	<u>79,529.08</u>
Total Available	26,866.47		
Dedicated Reserve	<u>25,000.00</u>		
Net Available	1,866.47		

**Seaside Groundwater Basin Watermaster
Budget vs. Actual
Monitoring & Management - Operations Fund
Fiscal Year January 1 - December 31, 2007
Balance Through May 31, 2007**

ITEM VI.C.
06/06/07

	Adopted Budget	Encumbrance	Year to Date Expense	Balance
Assessment				
Monitoring & Management - Ops Fund	\$ 400,000.00			\$ 400,000.00
Additional Assessment 4/18/07	300,000.00			300,000.00
Total 2007 Assessment	\$ 700,000.00			\$ 700,000.00
Appropriations & Expenses				
GENERAL				
Technical Project Manager	\$ 64,000.00	\$ -	\$ -	\$ 64,000.00
Groundwater Modeling	30,970.00	-	29,728.11	1,241.89
BMMP Implementation Work Plan	35,000.00	3,500.00	31,500.00	-
Coastal Monitoring (MRWMD)	7,080.00	4,157.19	2,922.81	-
Total General	\$ 137,050.00	\$ 7,657.19	\$ 64,150.92	\$ 65,241.89
RBF CONSULTING				
Labor Costs				
Program Administration	\$ 80,900.00	\$ 70,306.14	\$ 10,593.86	\$ -
Monitor Well Contr Oversight	14,471.00	7,268.79	7,202.21	-
Production/Lvl/Qty Monitoring	144,600.00	131,976.42	12,623.58	-
Basin Management	6,300.00	6,300.00	-	-
Seawater Intrusion	88,800.00	87,840.96	959.04	-
Subtotals	335,071.00	303,692.31	31,378.69	-
Direct Costs				
Durbin Model Documentation	40,000.00	38,200.00	1,800.00	-
Reproduction, mileage, misc.	15,000.00	11,933.95	3,066.05	-
Subtotals	55,000.00	50,133.95	4,866.05	-
Total RBF Consulting	\$ 390,071.00	\$ 353,826.26	\$ 36,244.74	\$ -
MRWMD				
Labor Costs				
Program Administration	\$ 24,552.00	\$ 24,552.00	\$ -	\$ -
Monitor Well Contr Oversight	3,168.00	3,168.00	-	-
Production/Lvl/Qty Monitoring	21,280.00	21,280.00	-	-
Basin Management	3,280.00	3,280.00	-	-
Subtotals	52,280.00	52,280.00	-	-
Direct Costs				
Data Archiving Hardware	3,600.00	3,600.00	-	-
Data Server	4,200.00	4,200.00	-	-
Water Quality Sampling Services	16,000.00	16,000.00	-	-
Subtotals	23,800.00	23,800.00	-	-
Total MRWMD	\$ 76,080.00	\$ 76,080.00	\$ -	\$ -
MCWRA				
Labor Costs				
Seawater Intrusion	20,064.00	20,064.00	-	-
Total MCWRA	\$ 20,064.00	\$ 20,064.00	\$ -	\$ -
TOTALS	\$ 623,265.00	\$ 457,627.45	\$ 100,395.66	\$ 65,241.89

**Seaside Groundwater Basin Watermaster
Budget vs. Actual
Monitoring & Management - Capital Fund
Fiscal Year (January 1 - December 31, 2007)
Balances Through May 31, 2007**

	<u>Adopted Budget</u>	<u>Encumbrance</u>	<u>Year to Date Expense</u>
Assessments:			
Monitoring & Management Fund - Capital	\$ 1,000,000.00		
Appropriations & Expenses:			
Martin Feeney (Contract)			
Professional Services			
Project Management	39,450.00	35,625.00	3,825.00
Monitor Well Construction	58,150.00	58,150.00	-
Subtotal	<u>97,600.00</u>	<u>93,775.00</u>	<u>3,825.00</u>
Direct Costs			
Other related costs	26,000.00	23,150.07	2,849.93
Permitting - Denise Duffy	34,040.00	15,040.50	18,999.50
Well Drilling - Bradley	690,000.00	690,000.00	-
Subtotal	<u>750,040.00</u>	<u>728,190.57</u>	<u>21,849.43</u>
Total Monitoring & Management - Capital Fund	<u>847,640.00</u>	<u>821,965.57</u>	<u>25,674.43</u>
Total Available	<u>\$ 152,360.00</u>		

**Seaside Groundwater Basin Watermaster
Budget vs. Actual
Replenishment Fund
Fiscal Year (January 1 - December 31, 2007)
Balances Through May 31, 2007**

	<u>Adopted Budget</u>	<u>Encumbrance</u>	<u>Year to Date Expense</u>	<u>Balance</u>
Assessments:				
Replenishment Fund				
California American Water	\$ 2,106,000.00			\$ 2,106,000.00
(Credit Towared Replenishment Assessment)	(465,648.00)			(465,648.00)
Total California American Water Assessment	<u>\$ 1,640,352.00</u>			<u>\$ 1,640,352.00</u>
City of Seaside				
Exceeding Natural Safe Yield Considering Alternative Producers	\$ 169,010.00	-	-	\$ 169,010.00
Operating Yield Overproduction Replenishment	50,940.00	-	-	50,940.00
Total City of Seaside	<u>\$ 219,950.00</u>			<u>\$ 219,950.00</u>
Total Assessment	<u>\$ 1,860,302.00</u>			<u>\$ 1,860,302.00</u>
Appropriations & Expenses:				
Total Expenses	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total Available	<u>\$ 1,860,302.00</u>			<u>\$ 1,860,302.00</u>

ITEM - VII

OLD BUSINESS

ITEM NO – VII. A. 1.

**TECHNICAL
COMMITTEE**

SEASIDE GROUNDWATER BASIN
WATERMASTER

TO: Board of Directors
FROM: Dewey D Evans, CEO
DATE: June 6, 2007
SUBJECT: Report from RBF Consulting

PURPOSE:

Receive progress report and presentation from RBF Consulting

RECOMMENDATION:

None known at this time

DISCUSSION:

I could not print out the file that I received from RBF Consulting last week. I will ask Sarah Hardgrave to bring copies to the Board meeting on Wednesday, June 6th.

FISCAL IMPACT:

None known at this time

ATTACHMENTS:

See Discussion above



MEMORANDUM

To: Watermaster Board Members c/o Dewey Evans JN 70100076
From: Sarah Hardgrave
Date: May 31, 2007
Subject: Status of Seaside Basin Management and Monitoring Program Implementation

In May 2007, RBF Consulting initiated the Phase 1 Seaside Basin Management and Monitoring Program ("MMP") Implementation, as submitted to the Court on March 13, 2007, and authorized by the Watermaster Board at the May 2007 meeting. Work to date has included the following:

- Preparation of Phase 1 MMP Implementation schedule update.
- Coordination with Tim Durbin to initiate the groundwater model documentation effort, as recommended by the modeling meeting facilitated by Martin Feeney in December 2006.
- Initiation of water quality, water levels, and water production database design, including review of the existing Monterey Peninsula Water Management District database and exploration of database development options.
- Development of well data questionnaire for all Seaside Basin well-owners.
- Initiation of well data collection (Monterey County Environmental Health records review).
- Technical Advisory Committee meeting for review and feedback of database design issues.

Attachments:

- May 23, 2007 Draft TAC Meeting Minutes
- Revised Schedule
- MPWMD Database presentation
- Well-owner Data Questionnaire

TECHNICAL ADVISORY COMMITTEE (TAC)

Seaside Groundwater Basin Watermaster
RBF Consulting Offices
UCMBEST 3180 Imjin Road, Marina, CA
MAY 23, 2007

MEETING MINUTES

Present:

Sarah Hardgrave	RBF Consulting	(acting Chair)
Ron Maine	RBF Consulting	
Larry Gallery	RBF Consulting	
Kathy Thomasberg	MCWRA	(salt water intrusion)
Charles Pooler	City of Sand City	
Leslie Jordan	California American Water	
Tom Bunosky	California American Water	
Alex Lovisetto	California American Water	
Jim Alloran	City of Seaside	(Chair Alternate)
Steve Bein	RBF Consulting	(database presenter)
Les Turnbough	City of Monterey	
Joe Oliver	MPWMD	(existing data presenter)
Dewey Evans	SGB Watermaster CFO:	
Laura Dadiw	SGB Watermaster Assistant:	
John Fischer	Public Member	
Jenny Hinz	Laguna Seca Property Owners	(Conference call-in)

I. Review of SBMMP Phase I Implementation Plan

Sarah Hardgrave, RBF Consulting, stated that she would provide copies of today's Powerpoint presentation to the Watermaster Board in its next meeting packet, and to Ms. Hinz who was participating today via conference call. Ms. Hardgrave provided copies to the committee of the SBMMP project schedule and reviewed. Changes were noted and would be incorporated into the schedule by RBF. Joe Oliver responded to Mr. Fischer stating that oversight of each project task is not listed on the project schedule, but is available in the contracts that the Watermaster entered into with each agency implementing the BMMP.

II. Presentation on SBMMP Water Production, Water Level and Water Quality database design and development tasks.

Ms. Hardgrave reviewed the status to date of database development, stating that she had met with Joe Oliver, MPWMD, to organize the database task and initiate review of the existing database.

Steve Bein, RBF Consulting, gave a presentation on the firm's past database development projects that had some relation to Watermaster database needs. He presented a vision of how the well database could be setup for web based data entry and reporting. Ease of use, data security, and graphical reporting were the key issues.

Mr. Oliver gave a presentation of wells currently monitored by MPWMD, roughly 70. He presented possible input and reporting scenarios that could be designed for the district's current database.

III. Database issues for TAC discussion and concurrence

The committee discussed the three options for an approach to database design:

1. Use existing software base package designed by Mr. Ron Gordon based on other adjudicated basins, to be customized by Mr. Gordon
2. Use existing software base package, to be customized by RBF.
3. Develop new web-based software (such as presented by Mr. Byne).

Ms. Hardgrave felt that option one was not practical since Mr. Gordon is not available to customize his product until the fall. Software development for options one and two would be non-web based and approximately the same cost. Option three would be web based for ease of use and would not be as time-intensive as it would not require the administrator to become familiar with software developed by someone else, as would be the case with option two. Budget for the development through population of option 3 is \$120,000.

The functionality required to be included in the Watermaster well database by the judge's order as reviewed. The committee discussed the four audiences that the database information is aimed at: the Judge, the Watermaster Board and adjudicated parties, the public, and SBMMP permitting agencies. Additional functions that may be useful to the Watermaster now and in the future were discussed. Each well should be surveyed to ensure we have accurate location and elevation data. The database must have the required data for use in running simulation models of the basin.

Also discussed was the high level of quality control that would be needed for data entry into the developed database and to what level an agency representative and/or the proposed Technical Project Manager would maintain that control. Kathy Thomasberg, MC, expressed concern that the County's database system that she uses took quite a few years before acceptable quality was achieved.

Watermaster CEO Dewey Evans inquired as to the disposition of the database once the Watermaster tasks are complete. No discussion or recommendation as yet.

Ms. Hardgrave provided to the committee a draft data and well survey to be distributed to Seaside Basin producers. The same information would be sought through the County Department of Health and the State Department of Health Services. She requested that any comments, questions, or changes to the questionnaire be sent to her for incorporation into a second draft to be presented in the next Watermaster Board meeting packet. Kathy Thomasberg informed Ms. Hardgrave that well identification could be achieved by requesting the County permit number and the well completion report number on each questionnaire.

Leslie Jordan, Cal-Am, stated that the quality of well water data received from lab analysis is dependent on the constituent being tested for.

IV. Review of Durbin modeling scope of work and schedule coordination

Ms. Hardgrave requested that CEO Evans provide to the Judge a status report that RBF has contracted with hydrologist Tim Durbin to begin documentation of the Durbin model as previously recommended by the TAC committee and approved by the Watermaster Board. The documentation should not wait for completion of the new database to commence. During Phase 2 the new database may be used to update/run the Durbin or another computer model.

V. Review SBMMP schedule

RBF will update the project schedule as per changes discussed at the current meeting and will work with the CEO to coordinate the Critical Milestones dates with the project schedule. It was requested that the Critical Milestones include Court adjudicated project deadlines as compared to current status of that portion of the project. RBF will include a notation on the project schedule correlating with Critical Milestones dates. Tom Bunosky, Cal-Am, requested that the project schedule reflect the task numbers listed in the implementation plan submitted to the Court.

RBF requested MCWRA (Kathy Thomasberg) begin now to develop the seawater intrusion analysis protocol and baseline water level contour mapping to aid in expediting the SBMMP project timeline. Ms Thomasberg stated that she had begun the former and would add to it, but the latter would require data that MCRWA does not currently have. Mr. Oliver stated that he could supply data from 12 wells from October 2006 and Leslie Jordan could supply data from 8 wells from that timeframe. Ms. Thomasberg stated that with data on those 20 wells she could begin the baseline water level contour mapping prior to the completion of the well database. Adjustments to the project schedule would be made accordingly by RBF.

VI. Update on hiring Technical Project Manager

CEO Evans advised the committee that the TAC Subcommittee handling the position recruitment had interviewed two candidates earlier today. CEO Evans will make a decision and extend an offer to one of the candidates based on the recommendations of the subcommittee. He will perform a background check on the selected candidate. The candidate will be introduced to the Board at the June 6th meeting, possibly during a closed session, with a request for acceptance of him as the Technical Project Manager.

VII. Schedule for regular TAC meetings

The committee concurred that future TAC meetings would be scheduled for the second Wednesday of each month at 1:30 p.m. Sarah Hardgrave and Diana Ingersoll would coordinate to determine a location for future meetings. RBF Consulting offered the use of their boardroom and cookies.

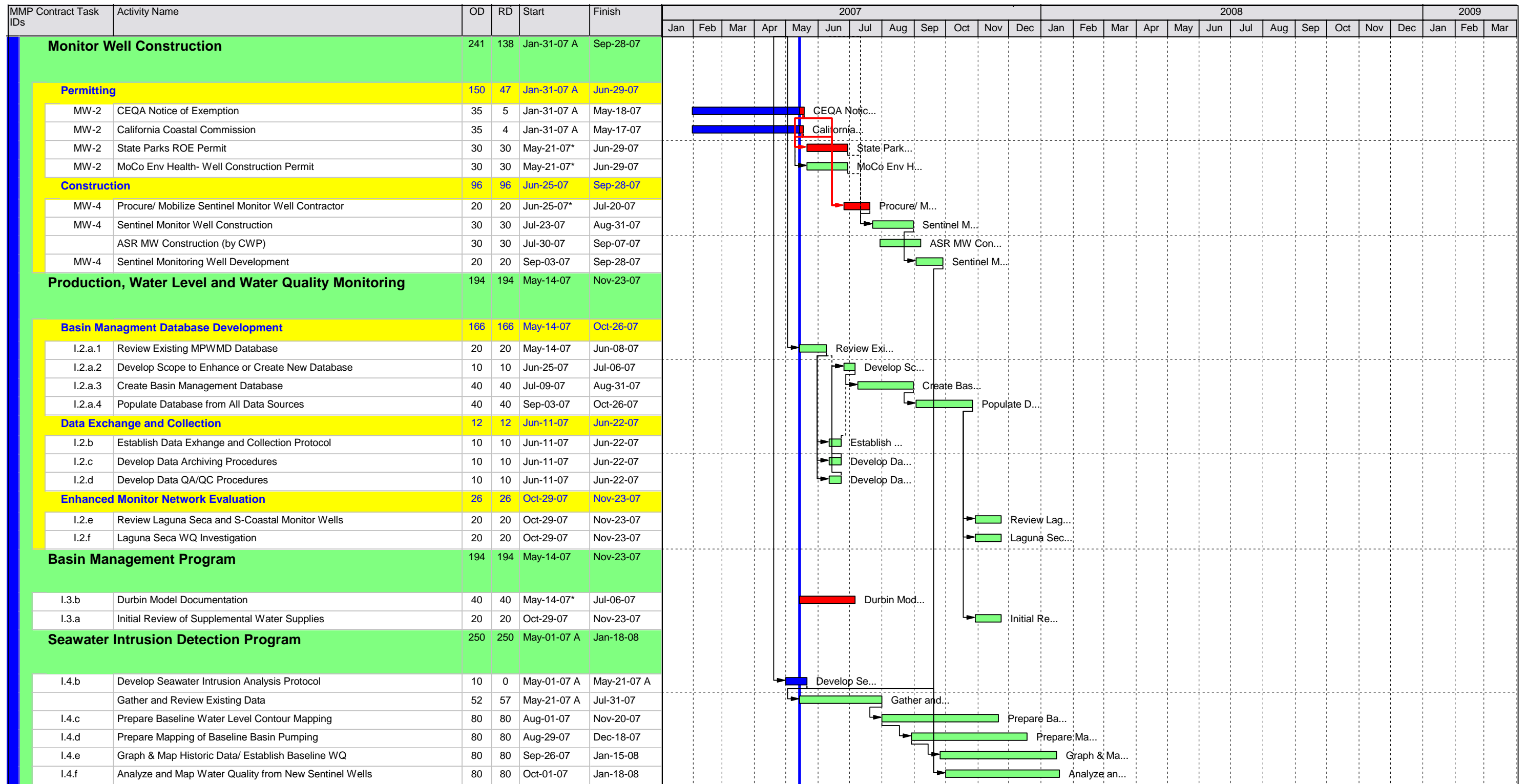
The TAC Committee meeting concluded at 4:00 p.m.

MMP Contract Task IDs	Activity Name	OD	RD	Start	Finish	2007												2008												2009						
						Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar				
Seaside Basin Monitoring and Management Program						714	611	Jan-15-07 A	Jan-15-09																											
Program Administration						685	582	Jan-15-07 A	Jan-15-09																											
BMMP Work Plan Development						110	0	Jan-15-07 A	May-01-07 A																											
WP	Develop Implementation Plan	1	0	Jan-15-07 A	Mar-01-07 A	Develop Im...																														
WP	Watermaster Board and Judge Review of Implementation Plan	8	0	Mar-01-07 A	May-01-07 A	Watermaste...																														
WP	Initiate Implementation Plan	0	0	May-01-07 A	May-01-07 A	Initiate I...																														
Critical Program Milestones						611	582	Jan-15-07 A	Jan-15-09																											
	Commence 2008 Watermaster Board Term	0	0	Jan-01-08*		Commence 2...																														
	2008 Administration, Operations and Replenishment Budgets Due	0	0		Jan-15-08*	2008 Admin...																														
Replenishment Assessments						426	426	Nov-15-07	Jan-15-09																											
	Watermaster Levy Standard Replenishment Assessment for 2007	0	0	Nov-15-07*		Watermaste...																														
	Watermaster Levy 2007 Over-Production Replenishment Assessments	0	0	Nov-30-07*		Watermaste...																														
	Standard Producers Submit 2007 Replenishment Assessments to Waterm...	0	0		Dec-25-07	Standard P...																														
	Submit 2007 Over-Production Replenishment Assessments to Watermaster	0	0		Jan-15-08*	Submit 200...																														
	Watermaster Levy Standard Replenishment Assessment for 2008	0	0	Nov-15-08*		Watermaste...																														
	Watermaster Levy 2008 Over-Production Replenishment Assessments	0	0	Nov-30-08*		Watermaste...																														
	Standard Producers Submit 2008 Replenishment Assessments	0	0		Dec-25-08	Standard P...																														
	Submit 2008 Over-Production Replenishment Assessments to Watermaster	0	0		Jan-15-09*	Submit 200...																														
Reports Due to Watermaster						367	367	Nov-15-07	Nov-15-08																											
	CAW Submits 2007 Water Supply Augmentation Report to Watermaster	0	0		Nov-15-07*	CAW Submis...																														
	Producers Submit 2007 Monthly and Annual WL/ WQ Data Results to Wat...	0	0		Nov-15-07*	Producers ...																														
	CAW Submits 2008 Water Supply Augmentation Report to Watermaster	0	0		Nov-15-08*	CAW Submis...																														
	Producers Submit 2008 Monthly and Annual WL/ WQ Data Results to Wat...	0	0		Nov-15-08*	Producers ...																														
Watermaster Reports Due to Producers						520	458	Jan-15-07 A	Oct-15-08																											
	Producers Receive Jan 07 Quarterly Water Resources Report from Water...	0	0		Jan-15-07 A	Producers ...																														
	Producers Receive Apr 07 Quarterly Water Resources Report from Water...	0	0		Apr-15-07 A	Producers ...																														
	Producers Receive Jul 07 Quarterly Water Resources Report from Water...	0	0		Jul-15-07*	Producers ...																														
	Producers Receive Oct 07 Quarterly Water Resources Report from Water...	0	0		Oct-15-07*	Producers ...																														
	Producers Receive Jan 08 Quarterly Water Resources Report from Water...	0	0		Jan-15-08*	Producers ...																														
	Producers Receive Apr 08 Quarterly Water Resources Report from Water...	0	0		Apr-15-08*	Producers ...																														
	Producers Receive Jul 08 Quarterly Water Resources Report from Water...	0	0		Jul-15-08*	Producers ...																														
	Producers Receive Oct 08 Quarterly Water Resources Report from Water...	0	0		Oct-15-08*	Producers ...																														
Watermaster Reports Due to Judge						522	522	Jun-11-07	Nov-15-08																											
	Watermaster Submits Monitor Well Site Report to Judge	0	0		Jun-11-07*	Watermaste...																														
	Watermaster Submits 2007 Annual Report to Judge	0	0		Nov-15-07*	Watermaste...																														
	Watermaster Submits 2008 Annual Report to Judge	0	0		Nov-15-08*	Watermaste...																														

DRAFT

Seaside Basin Monitoring and Management Program

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone



DRAFT

Seaside Basin Monitoring and Management Program

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

WELL DATABASE DESIGN/CONCEPT

TECHNICAL KICK-OFF MEETING
FOR WATERMASTER DATABASE
DESIGN

TUESDAY, MAY 1ST 2007

Objectives

Design a database product

What datasets exist at MPWMD ?

Water quality, depth and general information

How are they maintained currently ?

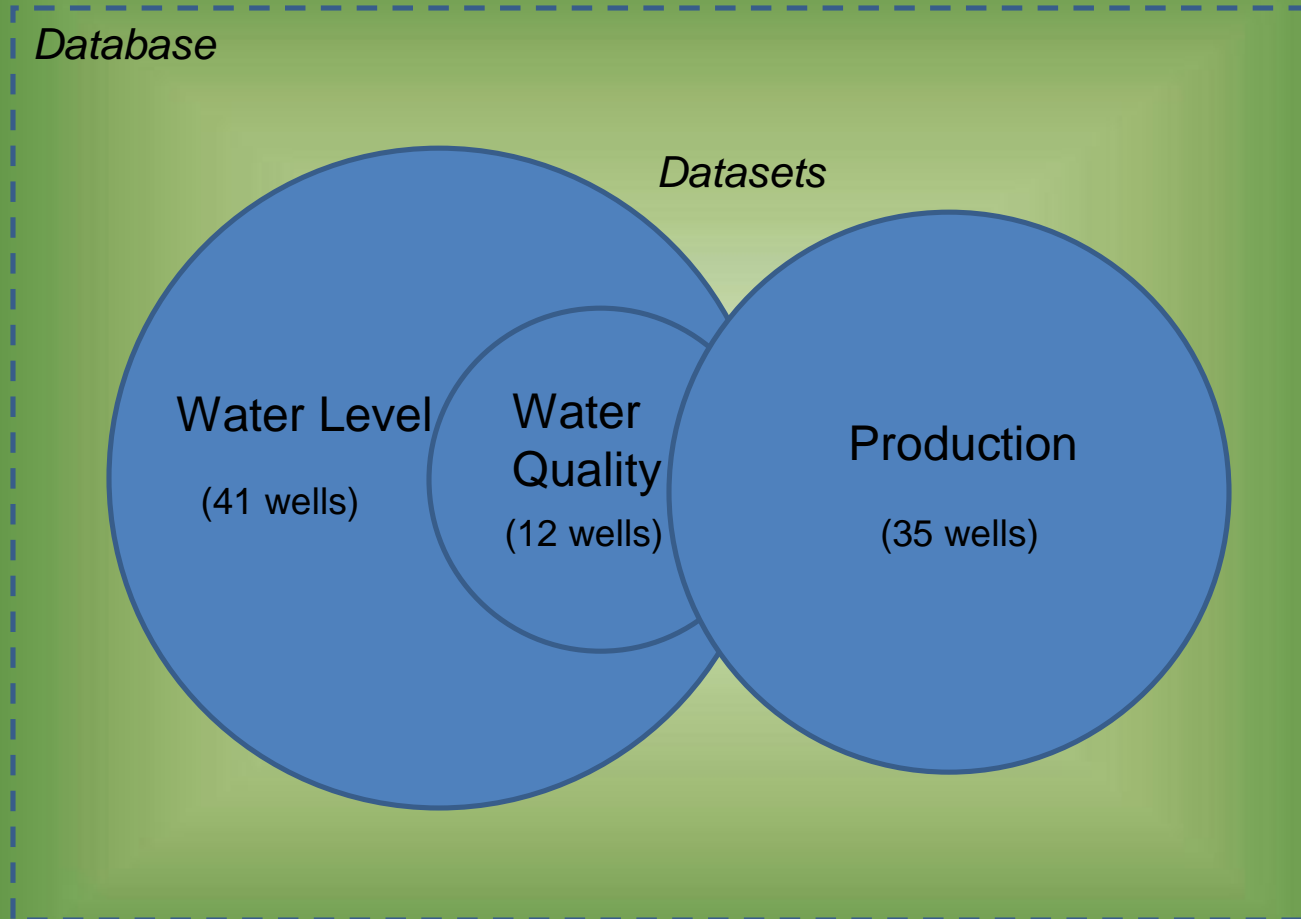
Legacy database, MS-Excel and hard copies

Design/Schema Ideas for new database

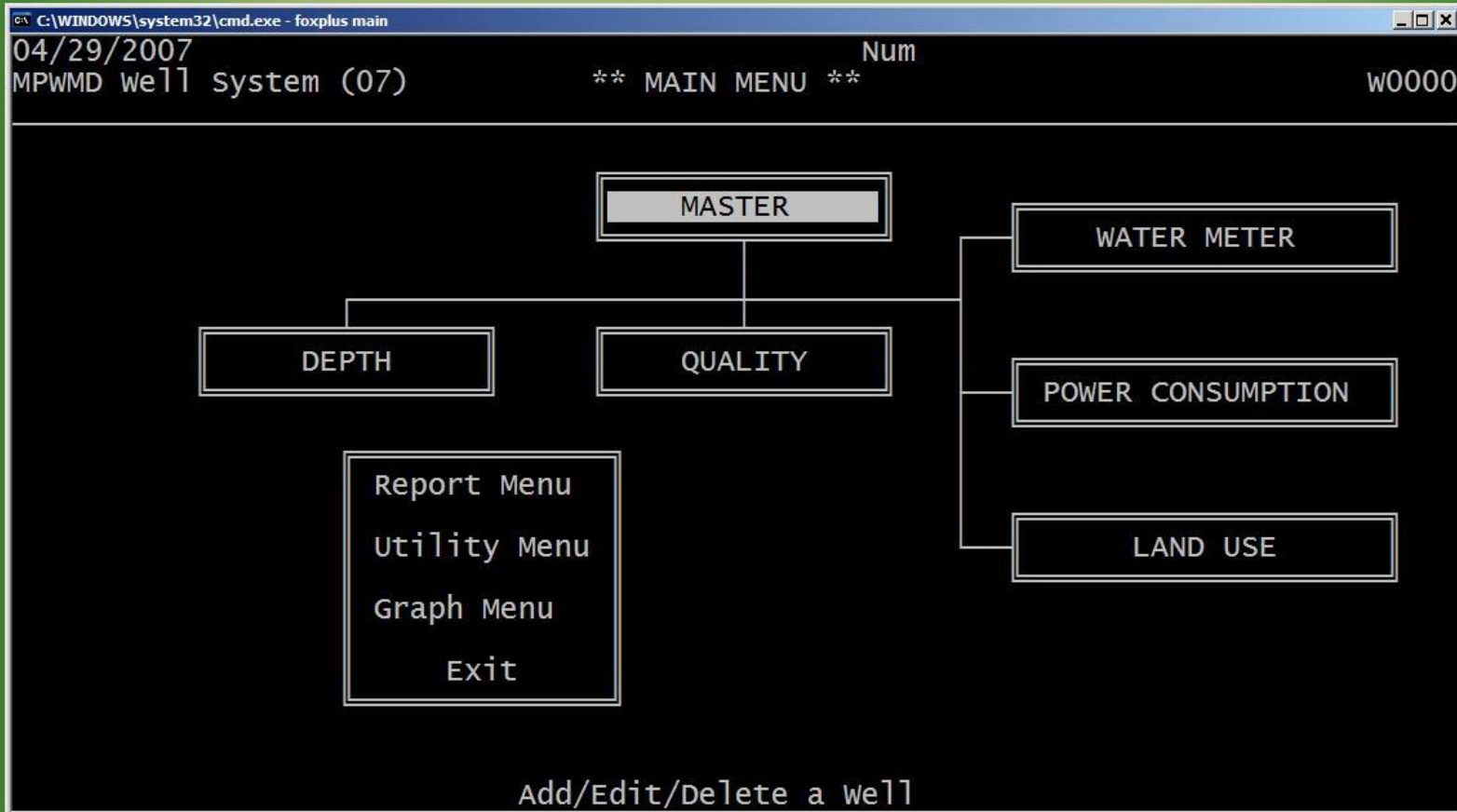
Ease of data entry and reporting

Secure access and provide data integrity

Conceptual Architecture For Seaside Basin Watermaster Groundwater Resource Database



Current Legacy Database Main Menu



Well Main Database Edit Screen

```
C:\WINDOWS\system32\cmd.exe - foxplus main
04/29/2007                               Num
MPWMD well System (07)                   EDIT A WELL - Page 1                   w1200

Well Name: FORT ORD #11 shallow          Well Number: T15S/R1E-07Ba
AP Number: - -                            Elevation: 333.39
Cal-Am? (Y/N) N                           Unknown = -99
PG&E Plant I.D.#:
Longitude:                               Latitude:

Remarks: by DoD maint. building 4506

Status: A                                 Area: CSB
Type: M                                   System:
Log Number:                               Permit Number:

OWNER:                                     AGENT:
Name:
Company:
Addr:
City ST Zip:
Related Records Found in...
DEPTH QUALITY
```


Quality Database Edit Screen

```
C:\WINDOWS\system32\cmd.exe - foxplus main
04/29/2007                               Num
MPWMD well system (07)                   EDIT QUALITY DATA                   W3200

Well Name:          FORT ORD #11 shallow   Well Number:       T15S/R1E-07Ba
AP Number:          - -                   Elevation:         333.39

                                WATER QUALITY DATA
                                observations

Date          Depth          observations
10/31/1996    .00

Specific Conductance: 516 µmhos/cm
pH (Units):          7.7
Calcium:             56
Sodium:              47
Magnesium:           12.00
Potassium:           4.2
Chloride:            75
Ammonia Nitrate:    .00
Nitrate as NO3:     1.0
Sulfate:             25

Total Alkalinity
as CaCO3:           135
Iron:               1.48
Manganese:          .36
Bicarbonate:        0
CL/HCO3:            4.30
Phosphorus:         .56
Boron:              .00
Bromide:            .00
THM:                .00
```

Depth Database Edit Screen

C:\WINDOWS\system32\cmd.exe - foxplus main

04/29/2007 Num
MPWMD well system (07) EDIT DEPTH DATA w2200

Well Name: FORT ORD #11 shallow well Number: T15S/R1E-07Ba
AP Number: - - Elevation: 333.39

DEPTH READING			
Date	Time	Depth to water (feet)	observations
02/28/1904	1344	337.84	

New Screen Design for Well Main Database Edit Screen

WELL MAIN

Name: CITY1 Number: Apnum: 012664017 Elevation: 230.00

Longitude: Latitude: Remarks: Tm @ 48', DRILLED 1964 Pge_id:

Area: CSB Type: M System: Status: A Calam:

Ocompany: Owner: CITY OF SEASIDE

Oaddr: BOX 810 Ocity: SEASIDE Ostate: CA Ozip: 93955

Acompany: Agent: JULIE ROBINSON

Aaddr: BOX 810 Acity: SEASIDE Astate: CA Azip: 93955

Log_no: Permit:

Drlrname: ROBERT E. COWART Drlraddr: 795 FAIR AVENUE, PETALUMA, CA

Drldate: 04/02/1965 Drlrlog: Otherlog: Eleclog: Perforaton: 250-280' Casgdiam: 12.00 Surfseal:

Depth: 280.00 Holedpth: 280.0 Holediam: 0.00 Casgtype: STL Seatype: CONCRETE

Stratseal: Sealdpth: 96.0 Strattp: 0 Stratbot: 0 Stratype:

Geologic: Code:

Top Prev **Next** Bottom Find Print Add Edit Delete Exit

Standard NUM

New Screen Design for Quality Database Edit Screen

Quality

Number: 15S/1E-11Pa Shaldeep: 15S1E Rivermile: 0.00 Gname: shal

Conduct:	0	Lesscond:	<input type="checkbox"/>	Potassium:		Lessk:	<input type="checkbox"/>
Caco3:	67	Lesscaco3:	<input type="checkbox"/>	Fe:		Lessfe:	<input type="checkbox"/>
Phos:	58.00	Lessphos:	<input type="checkbox"/>	Mn:		Lessmn:	<input type="checkbox"/>
Cl:	0	Lesscl:	<input type="checkbox"/>	Orthphos:		Lessorph:	<input type="checkbox"/>
So4:	0	Lessso4:	<input type="checkbox"/>	Boron:		Lessboron:	<input type="checkbox"/>
Nh3:	33.00	Lessnh3:	<input type="checkbox"/>	Calcium:	0	Lessca:	<input type="checkbox"/>
No3:	3.40	Lessno3:	<input type="checkbox"/>	Sodium:		Lessna:	<input type="checkbox"/>
Toc:	0.00	Lesstoc:	<input type="checkbox"/>	Magensium:		Lessmg:	<input type="checkbox"/>

Top Prev **Next** Bottom Find Print Add Edit Delete Exit

NUM

Sample Well Main Report

WELL

04/29/07

Name	Number	Apnum	Elevation	Longitude	Latitude	Permit
CITY1		012664017	230.00			
FISH		157121001	-99.00			
RANCHO_CANADA_PRODUC		015162036	51.70			
HAYS	00931218	009312018	-99.00			
OGAWA	015221006	015221006	-99.00			
NASON	10114109	101141009	-99.00			
THORNE	10122102	101221002	-99.00			
SULLENS	10302102	103021002	-99.00			
RANCHITOS	10306112	103061122	-99.00			
BLINKS	10316116	103161016	-99.00			
GRANITEC	1150205	012502005	-99.00			
JENKINS	11A55107	012551007	-99.00			
POST	15706112	157061012	-99.00			
RYAN	15706114	157061014	-99.00			
DIXON	15707105	157071005	-99.00			
PETERSEN	15707115	157071015	-99.00			
ZOBEL	16912103	169121003	-99.00			
MOSES	169141022	169141022	99.00			

Sample Quality Database Report

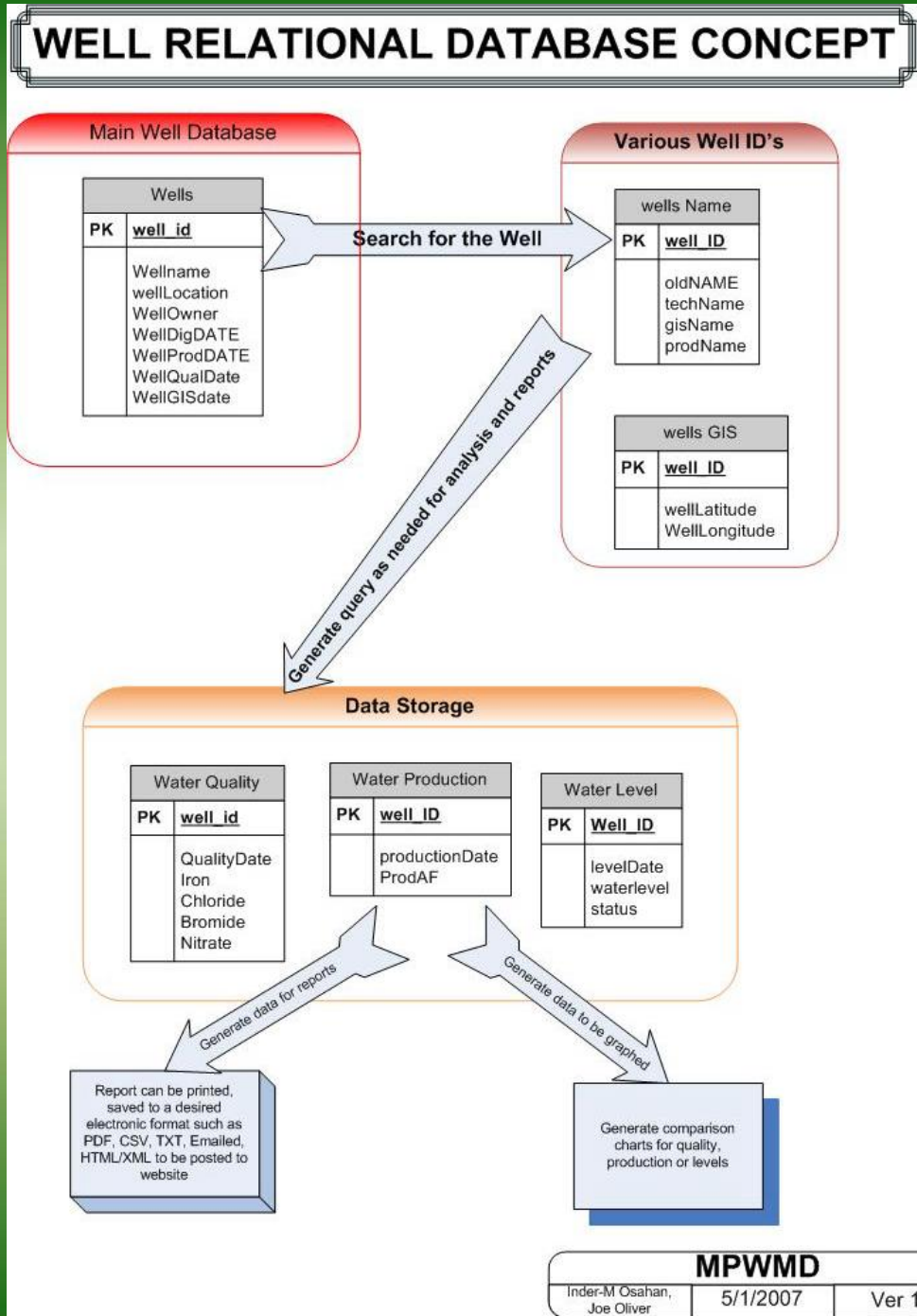
Quality Report

04/29/07

Number	Shaldeep	Conduct	Cl	Calcium	Fe
15S/1E-11Pa	15S1E	0	0	0	0.0000
15S/1E-11Pb	15S1E	0	0	0	0.0000
15S/1E-12Fa	15S1E	0	0	0	0.0000
15S/1E-12Fc	15S1E	0	0	0	0.0000
15S/1E-15F1	15S1E	0	0	0	0.0000
15S/1E-15F2	15S1E	0	0	0	0.0000
15S/1E-15K4	15S1E	0	0	0	0.0000
15S/1E-15K5	15S1E	0	0	0	0.0000
15S/1E-15N2	15S1E	0	0	0	0.0000
15S/1E-15N3	15S1E	0	0	0	0.0000
15S/1E-23Ca	15S1E	0	0	0	0.0000
15S/1E-23Cb	15S1E	0	0	0	0.0000
16S/1E-17J4	16S1E	4	0	0	0.0000
16S/1E-17R2	16S1E	4	0	0	0.0000
16S/1E-23E4	16S1E	7	0	0	0.0000
16S/1E-23La	16S1E	7	0	0	0.0000
16S/1E-24N5	16S1E	8	0	0	0.0000
16S/1W-13La	16S1W	1	1	0	0.0000

Design Ideas

1. Main well-database has a **well_ID primary key** to locate a well
2. Based on well selected:
 - a) Generate a query to **find time series data** for reporting water quality, water production and water levels for a time period
 - b) Generate query to **graph time series data** for chemical analysis for desired period
3. Have ability to create a **snapshot in time** for the analysis being performed (PDF, HTML, Print)
4. **Web forms** interface a preferred method for **data entry**, queries
5. The application be **accessible to all parties** involved in Watermaster
6. **MPWMD houses the database server** and provide means to access data/app securely.



Questions ?

- Next steps
- Next meeting date

DRAFT

June 8, 2007

MAKE COPIES OF FORM IF NEEDED

Well Owner
Owner Address
Owner City, State, Zip

Dear Seaside Basin Well Owner;

The Seaside Basin Monitoring and Management Program (MMP) was developed by the Seaside Basin Watermaster Technical Advisory Committee (adopted May 17, 2006 & revised September 5, 2006), to comply with the judgment entered in the Seaside Groundwater Basin Adjudication (Case# M66343). One of the tasks the judge has ordered is a more accurate inventory of all wells and quantity / quality of water extracted from the Seaside Basin. A database of this information will be used to assist in preparing technical studies and computer model simulations that will determine the best way to replenish the basin and ensure water for all residents into the future. As a well owner drawing from the Seaside Basin, your help is requested in providing information about your well and the quantity / quality of the water you extract.

Please fill out the following general questionnaire and a separate well questionnaire for **each** well you own that pumps from the Seaside Basin. If you prefer, the questionnaires can be filled out online at: www.seasidebasinwatermaster.org/well-info.html.

1. Are the name and mailing address above correct? If not please provide below:

2. Email Address: _____

3. Daytime Phone Number: _____

4. Number of wells you own that draw from the Seaside Basin: _____

5. Who typically operates the well(s)?

Name: _____

Address: _____

Email: _____ Phone: _____

Training or Certification: _____

6. Who typically samples the well(s)?

Name: _____

Address: _____

Email: _____ Phone: _____

Training or Certification: _____

7. Which laboratory is typically used to test samples?

Name: _____

Address: _____

Email: _____ Phone: _____

8. Who receives the laboratory test results?

Name: _____

Address: _____

Email: _____ Phone: _____

9. How many times per year do you typically sample/test each well? _____

Format of test results in (check one): Paper: _____ Electronic File: _____

If electronic, what is the file type (computer program): _____

10. How many abandoned/closed wells do you have historical test data for? _____

On the following page is a questionnaire to be completed for each well. **Please photocopy the questionnaire if you require more copies.** Return questionnaires to: RBF Consulting, 3820 Imjin Road, Marina, CA 93933. In the near future we will be contacting you again for copies of all previous test data for each well (preferably in electronic form). If it is easier for you, you can submit this historical data now.

Chief Executive Officer
Dewey D Evans

DRAFT

Well Data Questionnaire

Please complete one questionnaire for each well you have that draws from the Seaside Basin. Please make additional copies of this form if needed. Return completed forms to RBF Consulting, 3820 Imjin Road, Marina, CA 93933. If you prefer, the questionnaires can be filled out online at: www.seasidebasinwatermaster.org/well-info.html.

1. **Well Name:** _____
2. **Monterey County - Well Permit #** _____ **Completion Report #** _____
3. **State Recordation No.:** _____
4. **FRDS No.:** _____
5. **Well Group (if part of a system):** _____
6. **Well Owner:** _____
7. **Well Operator:** _____
8. **Well Sampler:** _____
9. **Well Use (please check):**
Monitoring _____, Agricultural-Irrigation _____, Landscape-Irrigation _____
Industrial _____, Private-Potable _____, Public-Potable-Distribution _____
Abandoned _____, Other _____
10. **Assessor Parcel Number (APN):** _____
11. **Address:** _____

12. **GPS Northing:** _____ **Easting:** _____
13. **Reference Elevation:** _____
Description: _____
14. **Sampling Point Description:** _____

15. **Well construction Type:**
Rotary _____, Cable Tool _____, Dual Rotary _____, Other _____
16. **Sanitary Seal Type (i.e. Bentonite):** _____ **Depth (ft):** _____
17. **Total Depth of Boring (ft.)** _____
18. **Casing Diameter:** _____ **Material:** _____
19. **Screen Diameter:** _____ **Material:** _____
20. **Screen Depth #1 – Top (ft):** _____ **Bottom (ft):** _____
Screen Depth #2 – Top (ft): _____ **Bottom (ft):** _____
Screen Depth #3 – Top (ft): _____ **Bottom (ft):** _____
21. **Well Bottom Depth:** _____ **Bedrock (yes/no):** _____
22. **Water pumped from this well in an average year:** _____

Please attach copies if available:

- Well Completion reports
- Well Repair reports
- Pump Test results
- Water Elevation measurements
- Water Quality Test results
- Photos of well, pump, and site.

This information will be incorporated into a public database or posted on the Watermaster website. **Do not send confidential information.**

ITEM NO - VIII

NEW BUSINESS

SEASIDE GROUNDWATER BASIN
WATERMASTER

TO: Board of Directors

FROM: Dewey D Evans, CEO

DATE: June 6, 2007

SUBJECT: Report due Superior Court Judge Randall on June 11, 2007 on Status of Implementation of Seaside Basin Monitoring and Management Program

PURPOSE:

To respond to a Court ordering a report on the status of the implementation of the Seaside Basin Monitoring and Management Plan by June 11, 2007

RECOMMENDATION:

Consider approving and adopting the attached report prepared by the California American Water on behalf of the Seaside Groundwater Basin Watermaster Board of Directors

DISCUSSION:

When the Court approved the Seaside Groundwater Basin Monitoring and Management Plan, (SGBMMP) on February 9, 2007 it was ordered that the Watermaster would submit additional reports regarding the implementation of the SGBMMP no later than March 13th and June 11, 2007. The March 13th report was duly filed and the attached documents consists of the required June 11, 2007 report.

FISCAL POLICY:

None known

ATTACHMENTS:

Three attachments:

- 1) Report to Superior Court prepared by Attorneys from California American Watermaster
- 2) Report prepared by Monterey Peninsula Water Management District on Quarterly Ground Water Quality
- 3) Report from Martin Feeney, (Denise Duffy & Associates, Inc.) on scheduled delays for the obtaining permits for SGBMMP monitoring well project

1 SOMACH, SIMMONS & DUNN
A Professional Corporation
2 STUART L. SOMACH, ESQ. (SBN 090959)
SANDRA K. DUNN, ESQ. (SBN 119161)
3 NICHOLAS A. JACOBS, ESQ. (SBN 210091)
813 Sixth Street, Third Floor
4 Sacramento, CA 95814-4407
Telephone: (916) 446-7979
5 Facsimile: (916) 446-8199

6 Attorneys for Plaintiff and Cross-Defendant
CALIFORNIA AMERICAN WATER

7
8 IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA
9 IN AND FOR THE COUNTY OF MONTEREY

10
11 CALIFORNIA AMERICAN WATER,)

12 Plaintiff,)

13 vs.)

14 CITY OF SEASIDE; CITY OF)
MONTEREY; CITY OF SAND CITY;)
15 CITY OF DEL REY OAKS; SECURITY)
NATIONAL GUARANTY, INC.;)
16 GRANITE ROCK COMPANY, INC.;)
D.B.O. DEVELOPMENT COMPANY NO.)
17 27, INC.; MURIEL E. CALABRESE 1987)
TRUST; ALDERWOODS GROUP)
18 (CALIFORNIA), INC.; PASADERA)
COUNTRY CLUB, LLC; LAGUNA SECA)
19 RESORT, INC; BISHOP MC INTOSH &)
MC INTOSH, a general partnership; THE)
20 YORK SCHOOL, INC.; and DOES 1)
through 1,000, Inclusive,)

21 Defendants.)

22 _____)
MONTEREY PENINSULA WATER)
23 MANAGEMENT DISTRICT,)

24 Intervenor.)

25 _____)
MONTEREY COUNTY WATER)
RESOURCES AGENCY,)

26 Intervenor.)

27 _____)
AND RELATED CROSS-ACTIONS)
28 _____)

Case No. M66343

**JUNE 2007 REPORT ON STATUS OF
IMPLEMENTATION OF THE
SEASIDE BASIN MONITORING AND
MANAGEMENT PROGRAM**

(Assigned to Hon. Roger D. Randall, Ret.)

1 On February 9, 2007, this Court approved the Seaside Groundwater Basin Monitoring
2 and Management Program (“MMP”) and further ordered the Watermaster to submit reports
3 regarding implementation of the MMP no later than March 13 and June 11, 2007. California
4 American Water (California American), on behalf of the Seaside Groundwater Basin
5 Watermaster Committee, timely submitted the March 13, 2007 report (March Report). Now,
6 California American submits this June Report on Status of the Implementation of the Seaside
7 Basin Monitoring and Management Program in compliance with the Court’s order.¹

8 A. Quarterly Water Testing

9 In April 2007, the Monterey Peninsula Water Management District (MPWMD)
10 presented Watermaster with the report summarizing water quality testing for winter 2007, which
11 is attached hereto as Exhibit A. The winter 2007 water quality report indicates no presence of
12 seawater intrusion in the Seaside Basin aquifers.

13 B. Construction of Additional Monitoring Wells

14 The February 9, 2007 order of the Court mandates that “[n]o later than June 11, 2007,
15 Watermaster shall report to the Court that consultants implementing the MMP have designated
16 and identified the sites for drilling the groundwater monitoring wells required by the MMP.”
17 Progress on this item was first described in the March Report. Since the March Report,
18 Watermaster consultants have been working on permitting issues associated with: (1) obtaining
19 the right-of-way to drill wells on property owned by the California Division of State Parks (State
20 Parks); and (2) performing the environmental review necessary to obtain permits from State
21 Parks, Monterey County and the California Coastal Commission. The March Report estimated
22 that these permitting issues would be resolved by mid-May 2007. As described in the
23 memorandum attached hereto as Exhibit B, minor setbacks in the permitting schedule have
24 extended the estimated date when well drilling will commence until July 2007. Overall, there
25 has been significant cooperation between State Parks, the Coastal Commission and the
26 Watermaster consultant. Martin Feeney, the consultant responsible for constructing the
27

28

¹ This report was reviewed and approved by the Watermaster at its meeting on June 6, 2007.

1 additional monitoring wells, estimates that once drilling commences all wells will be installed
2 within one month.

3 C. Consultant Contracts to Implement the MMP

4 Working with its Technical Advisory Committee (TAC), Watermaster awarded three
5 contracts to consultants responsible for implementing the MMP. Watermaster has now executed
6 contracts with MPWMD, RBF Consulting, Inc., and Monterey County Water Resources Agency,
7 and work is underway to fulfill the mandates of the MMP. The contracts themselves are
8 voluminous, and so they will not be attached to this June Report. At the Court's request, we will
9 provide copies of the contracts.

10 D. Hiring of Technical Project Manager

11 The technical nature of the discussions involving the three MMP contracts prompted the
12 Watermaster executive officer to request that Watermaster approve hiring an in-house consultant
13 with pertinent engineering expertise. Watermaster approved this request, and interviews were
14 held during May 2007 for the position of "Watermaster Technical Project Manager" (TPM).
15 This position reports directly to the Watermaster executive officer and Watermaster board, and
16 serves as an in-house resource for managing outside consultants.

17 Ultimately, Robert Jaques was hired as the TPM. Mr. Jaques brings considerable
18 relevant experience to the job position, as he was formerly employed for 29 years as an engineer
19 with the Monterey Regional Water Pollution Control Agency (MRWPCA). Mr. Jaques retired
20 in 2005 as the MRWPCA Director of Engineering Planning and Technology. Through his work
21 at MRWPCA, Mr. Jaques became familiar with most of the parties to the Adjudication and many
22 of the key issues.

23 Respectfully submitted,

24 SOMACH, SIMMONS & DUNN

25
26 Dated: May ____, 2007

27 By _____
28 Nicholas A. Jacobs

Attorneys for California American Water

1 PROOF OF SERVICE

2 I am employed in the County of Sacramento; my business address is Hall of Justice
3 Building, 813 Sixth Street, Third Floor, Sacramento, California; I am over the age of 18 years
4 and not a party to the foregoing action.

5 On June ____, 2007, I served a true and correct copy of

6 **JUNE 2007 REPORT ON STATUS OF IMPLEMENTATION OF
7 THE SEASIDE BASIN MONITORING AND MANAGEMENT PROGRAM**

8 X (by mail) on all parties in said action listed below, in accordance with Code of Civil
9 Procedure §1013a(3), by placing a true copy thereof enclosed in a sealed envelope in a
10 designated area for outgoing mail, addressed as set forth below. At Somach, Simmons & Dunn,
11 mail placed in that designated area is given the correct amount of postage and is deposited that
12 same day, in the ordinary course of business, in a United States mailbox in the City of
13 Sacramento, California.

14 SEE ATTACHED SERVICE LIST

15 X (by e-mail) to the persons at the email addresses set forth on the attached E-Mail Service
16 List.

17 ____ (by personal delivery) by personally delivering a true copy thereof to the person and at
18 the address set forth below:

19 ____ (by facsimile transmission) to the person at the address and phone number set forth
20 below:

21 I declare under penalty of perjury that the foregoing is true and correct under the laws of
22 the State of California. Executed on June ____, 2007, at Sacramento, California.

23
24
25
26
27
28

/s/
Marlene Martin

SERVICE LIST

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2
3
4
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J. Terry Schwartz
Craig A. Parton
Price, Postel & Parma
200 E. Carrillo Street,
Suite 400
Santa Barbara, CA 93101-2190
Facsimile: (805) 965-3978

Attorneys for Intervenor Monterey
Peninsula Water Management District

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One Market, Spear Tower,
Suite 3600
San Francisco, CA 94105
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SEASIDE BASIN WATERMASTER MEMORANDUM 2007-02

Date: April 11, 2007
To: Seaside Basin Watermaster
From: Joe Oliver, PG, CHg, Senior Hydrogeologist
Tom Lindberg, Associate Hydrologist
Subject: Results of Quarterly Ground Water Quality Samples Collected in Winter 2007 from MPWMD Seaside Ground Water Basin Coastal Monitor Wells

Summary

This memorandum transmits and summarizes quarterly ground water quality data collected in Winter 2007 by the Monterey Peninsula Water Management District (MPWMD or District) from its network of Seaside Ground Water Basin coastal monitor wells. This information is being provided to the Seaside Basin Watermaster Board for information purposes, and is in compliance with the monitoring protocols described in the Watermaster's *Seaside Basin Monitoring and Management Program* (revised September 5, 2006), which was prepared in response to the March 27, 2006 court decision in the Seaside Basin adjudication case. The chemical data from the Winter 2007 sampling of the District's existing coastal "sentinel" monitor wells do not indicate evidence of seawater intrusion at these locations in the Seaside Basin.

MPWMD Seaside Basin Coastal Monitor Well Network

The District initiated a ground water quality monitoring program in the coastal area of the Seaside Basin in 1990, and the network has been expanded since that time. The water quality data collected from the monitor wells are utilized for the purposes of: (1) characterizing the chemical nature of the ground water, (2) establishing long-term ground water quality trends, and (3) monitoring of seawater intrusion potential into the Seaside Basin. The chemical data reported herein provide information about present water quality conditions in the coastal portion of the basin, and serve as background water quality data for comparison in future studies. The District collects ground water quality data *annually* in the Fall from its network of 12 monitor wells at 6 separate sites in and near the coastal area of the Seaside Basin. In addition to this annual sampling, the District is currently collecting *quarterly* samples from the six monitor wells that are part of this network, which are located at the 3 sites closest to the coastline. These sites,

described herein as the “MPWMD coastal sentinel wells”, are shown on **Figure 1**. At each of these 3 sites, a “shallow” and “deep” monitor well have been installed (either in separate boreholes or as multiple completions in a single borehole), generally corresponding to well completions within the two principal aquifer units in the Seaside Basin, known as the Paso Robles Formation (QTp) and Santa Margarita Sandstone (Tsm), respectively. The Pliocene/Pleistocene-Age QTp is a continental formation comprised of a fluvial mix of clay, silt, sand and gravel, deposited as ancestral valley fill sediments. The Miocene-Age Tsm is a marine and brackish-marine, fine- to coarse-grained arkosic sandstone, which overlies the shales of the Monterey Formation. The monitor wells are constructed of 2-inch PVC casing, with screens isolated in sand “packages” within each aquifer unit. The aquifer units are separated from each other in the wells by cement strata isolation seals.

Water Sample Collection

Water sample collection is accomplished by “air-lift” pumping. The method utilizes a 3/4-inch PVC dedicated airline in the well, which is coupled to an air compressor. The wellhead configuration is fashioned after that shown in **Figure 2**. Due to the small diameter of the monitor wells, the well casing is used as the “eductor” pipe, rather than a separate eductor pipe inside the well. Through experience, it has been determined that acceptable pumping results can be achieved if the bottom of the airline is placed at a depth that gives approximately 50 percent pumping submergence (i.e., the ratio of the length of the airline below the pumping water level to the total length of the airline). The air-lift method can be inappropriate for certain water quality constituents due to chemistry changes brought about by air entrainment in the purged water; however, it is considered appropriate for the suite of inorganic constituents that are currently analyzed from the collected samples.

The volume of water removed from each well prior to sampling is generally three casing volumes, consistent with standard sampling protocol. Sampling is supplemented by field measurement of several indicator parameters that are collected during pumping, which ensures that water quality has stabilized prior to sample collection. Once the samples are collected, they are taken to a State-certified laboratory for analysis.

Winter 2007 Quarter Water Quality Results

Water chemistry analytical results for the quarterly ground water samples collected from the District’s six existing coastal “sentinel” monitor wells on January 30, 2007, are provided in **Table 1**. For comparison, the analytical results from the previous sampling of these same wells in Fall 2006 are provided in **Table 2**. Note that **Table 2** also includes the chemical data for six additional monitor wells that are sampled annually from locations that are farther from the coastline.

The chemical data from the depth intervals sampled at these monitor wells do not indicate evidence of water quality changes indicative of seawater intrusion at these locations in the coastal area of the Seaside Basin. Additional descriptions of the ground water quality results from the District’s Seaside Basin coastal monitor wells can be found in *MPWMD Seaside Basin*

MPWMD Seaside Basin Watermaster Memorandum 2007-02

April 11, 2007

Page 3

Watermaster Memorandum 2007-01, as well as *MPWMD Technical Memorandum 97-02*. Both of these documents are available at the District office for review.

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MONTEREY PENINSULA WATER MANAGEMENT DISTRICT
SEASIDE BASIN COASTAL GROUND WATER QUALITY
MONITOR WELL LOCATIONS - JANUARY 30, 2007

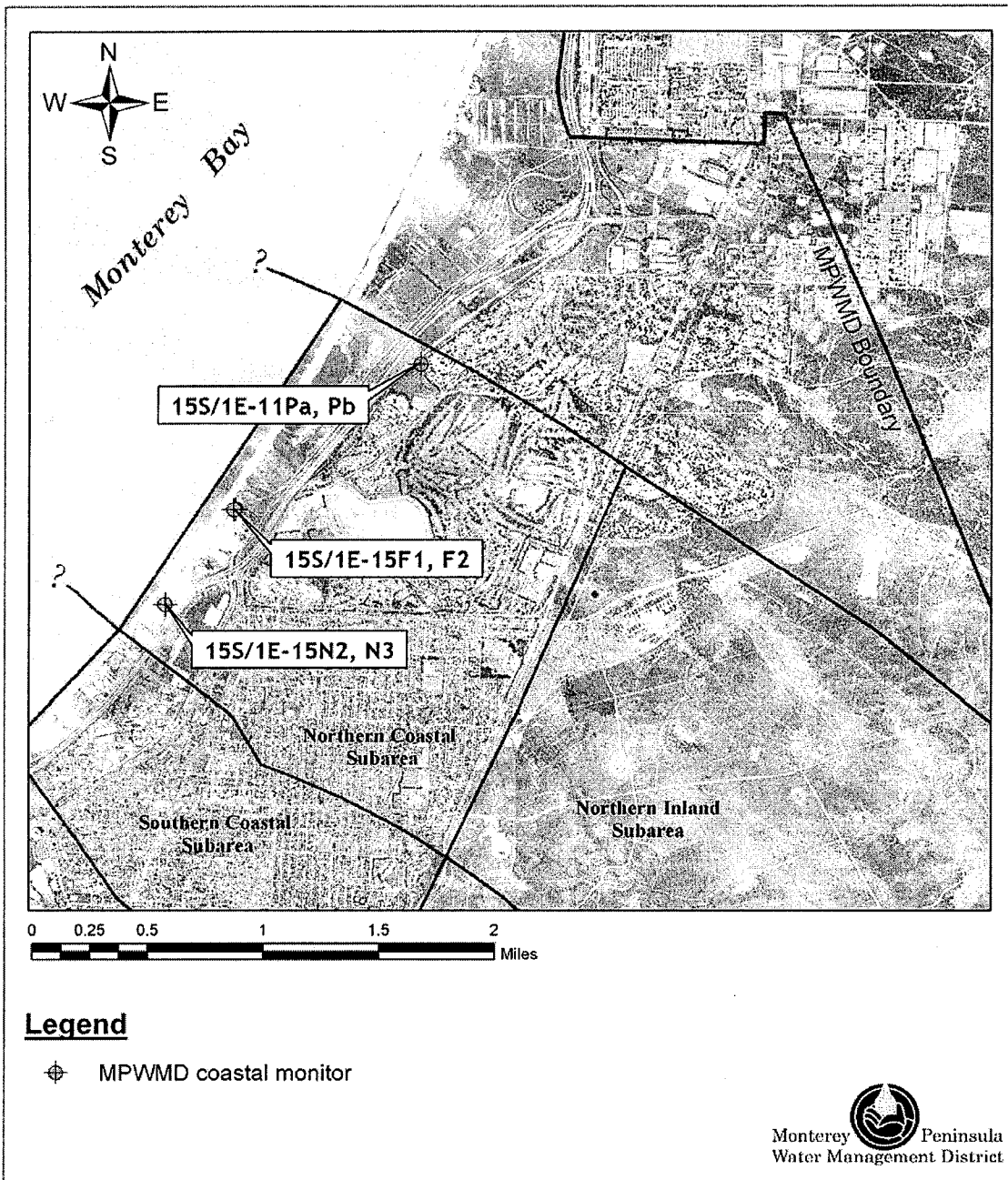


Figure 1. MPWMD Seaside Basin Coastal “Sentinel” Monitor Well Locations.

Ground Water Quality Monitoring Results

Tables

Table 1

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

GROUND WATER QUALITY MONITORING RESULTS

Seaside Basin Sample Collection Date: January 30, 2007

Units are milligrams per liter unless otherwise noted.

Water Quality Constituent	Specific Conductance (micromhos/cm)	Total Alkalinity (as CaCO3)	pH	Chloride	Sulfate	Ammonia Nitrogen (as NH3)	Nitrate Nitrogen (as NO3)	Nitrate (as NO3-N)	Total Organic Carbon	Calcium	Sodium	Magnesium	Potassium	Iron	Manganese	Orthophosphate
Drinking Water Standard (1)	800-1600-2200 (2)	NA	NA	250-500 600 (2), 250 600 800 (2)	NA	45	NA	NA	NA	NA	NA	NA	NA	0.3	0.05	NA
Sampling Location																
15S/1E-15N3 (shal)	325	69	8.1	47	18	0.07	<1	<0.05	0.26	19	38	5	3.5	<0.10	0.031	<0.05
15S/1E-15N2 (deep)	1005	238	8.2	150	45	0.09	<1	<0.05	0.45	80	102	15	4.6	<0.10	0.072	<0.05
15S/1E-15F1 (shal)	311	69	8.1	47	11	<0.05	4	0.97	0.41	20	33	5	2.2	<0.10	<0.02	<0.05
15S/1E-15F2 (deep)	993	224	7.9	152	43	0.10	<1	<0.05	0.65	83	105	16	4.9	0.199	0.101	<0.05
15S/1E-11Pa (shal)	323	62	8.1	56	13	<0.05	1	0.14	0.35	23	33	4	3.6	<0.10	<0.02	<0.05
15S/1E-11Pb (deep)	433	82	8.2	71	15	<0.05	1	0.14	0.29	28	50	3	3.4	<0.10	<0.02	<0.05

Water Quality Constituent	Total Dissolved Solids	Hardness (as CaCO3)	Boron	Bromide	Fluoride
Drinking Water Standard (1)	NA	NA	NA	NA	NA
Sampling Location					
15S/1E-15N3 (shal)	234	68	0.24	0.15	0.15
15S/1E-15N2 (deep)	581	262	0.26	0.44	0.25
15S/1E-15F1 (shal)	198	71	0.12	0.15	<0.10
15S/1E-15F2 (deep)	576	273	0.20	0.43	0.28
15S/1E-11Pa (shal)	232	74	0.18	0.18	<0.10
15S/1E-11Pb (deep)	262	82	0.18	0.22	0.12

NOTES:

- (1) Maximum contaminant levels are from California Domestic Water Quality and Monitoring Regulations, Title 22, 1977.
- (2) The three values listed for certain constituents refer to the "recommended" level, the "upper" level, and "short-term use" level, respectively.

Table 2

MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

GROUND WATER QUALITY MONITORING RESULTS

Seaside Basin Sample Collection Date: October 24 and October 25, 2006

Units are milligrams per liter unless otherwise noted.

Water Quality Constituent	Specific Conductance (micromhos/cm)		pH	Chloride	Sulfate	Ammonia Nitrogen (as NH3)		Nitrate Nitrogen (as NO3)		Total Organic Carbon	Calcium	Sodium	Magnesium	Potassium	Iron	Manganese	Orthophosphate	Boron
	900-1600 Z200 (2)	NA				250-500 600 (2)	250-500 600 (2)	NA	45									
Drinking Water Standard (1)		NA	NA	250-500 600 (2)	250-500 600 (2)	NA	45	NA	NA	NA	0.3	0.05	NA	NA	NA	NA	NA	NA
Sampling Location																		
15S/1E-15N3 (shal)	320	72	7.8	46	17	0.06	<1	<0.20	17	39	4.8	3.8	<0.10	<0.0005	0.04	0.39		
15S/1E-15N2 (deep)	950	240	8.2	155	45	0.09	<1	<0.20	73	105	16	5.0	<0.10	0.051	<0.03	0.29		
15S/1E-23Ca (shal)	800	212	8.3	106	37	<0.05	6	0.35	68	79	17	4.4	1.080	0.077	<0.03	0.29		
15S/1E-23Cb (deep)	1280	318	8.2	181	89	0.47	<1	0.84	107	132	26	7.1	0.169	0.026	<0.03	0.58		
15S/1E-15F1 (shal)	300	68	7.8	46	10	<0.05	4	<0.20	19	33	5.6	2.5	<0.10	<0.0005	<0.03	0.32		
15S/1E-15F2 (deep)	960	246	7.7	150	42	0.08	<1	0.27	77	109	18	5.4	0.541	0.085	<0.03	0.34		
15S/1E-15K5 (shal)	330	68	7.9	50	10	<0.05	3	<0.20	20	39	6.2	2.9	2.390	0.068	<0.03	0.28		
15S/1E-15K4 (deep)	790	208	8.2	109	35	<0.05	<1	<0.20	57	93	12	4.2	0.216	0.092	<0.03	0.33		
15S/1E-11Pa (shal)	330	64	7.8	56	12	<0.05	<1	0.42	22	34	4.5	4.1	<0.10	<0.0005	0.04	0.28		
15S/1E-11Pb (deep)	420	92	7.9	70	14	<0.05	<1	0.31	26	53	3.7	3.7	<0.10	<0.0005	<0.03	0.31		
15S/1E-12Fa (shal)	350	76	7.9	53	19	<0.05	<1	<0.20	22	40	5.7	2.2	<0.10	<0.0005	<0.03	0.23		
15S/1E-12Fc (deep)	360	78	7.8	55	17	<0.05	<1	<0.20	22	40	5.5	2.8	<0.10	0.034	<0.03	0.32		

NOTES:

- (1) Maximum contaminant levels are from California Domestic Water Quality and Monitoring Regulations, Title 22, 1977.
- (2) The three values listed for certain constituents refer to the "recommended" level, the "upper" level, and "short-term use" level, respectively.



Denise Duffy & Associates, Inc.

PLANNING AND ENVIRONMENTAL CONSULTING

MEMORANDUM

Date: May 15, 2007
To: Martin Feeney
From: Alison Imamura/Denise Duffy, Denise Duffy & Associates, Inc.
Subject: Schedule Delays for the Seaside (Sentinel) Groundwater Basin Monitoring Well Project

Message: Denise Duffy & Associates (DD&A) is currently under contract with you to provide CEQA, permitting, and biological services for the above-referenced Project. You recently requested documentation of reasons for schedule delays. The following are the primary reasons for the delay.

- **Focused botanical survey.** DD&A conducted a focused survey for listed plants at the well sites for inclusion in the permitting/environmental documentation. Due to the late wet weather, this year's blooming season occurred slightly later than usual. In addition, in estimating the original schedule, DD&A had assumed conducting the flowering survey immediately prior to construction (rather than including it in the environmental documentation for submittal to California State Parks and Coastal Commission). This inclusion is expected to expedite review and approval of the associated permits due to the lack of significant environmental impacts and ability to implement the project with minimal environmental restrictions.
- **Determination of appropriate CEQA process and lead agency.** In developing the initial schedule, DD&A had assumed that the project was exempt from CEQA (under CEQA Guidelines section 15304 or 15306) with the lead agency being State Parks. Consultation with various project team personnel, including the Watermaster Attorney, was necessary to confirm the most appropriate and efficient process and lead agency for the purposes of CEQA.
- **Permitting Authority Timing.** As with many projects where the project proponent is not the permitting authority, the permitting authority is typically not required to act within a specified period of time. The time required by the California State Parks and California Coastal Commission for project review and consideration could only be estimated at the initiation of a project.

I hope this information meets your needs. Please contact one of us if you have any questions or require additional information.

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SEASIDE GROUNDWATER BASIN
WATERMASTER

TO: Board of Directors
FROM: Dewey D Evans, CEO
DATE: June 6, 2007
SUBJECT: Technical Project Manager Employment Contract and Introduction

PURPOSE:

To consider approving an employment contract with Mr. Robert Jaques as the Watermaster Technical Project Manager and introducing Mr. Jaques to the Watermaster Board of Directors.

RECOMMENDATION:

That the Board considers approving a part-time employment contract and approve of hiring Mr. Robert Jaques as the Watermaster Technical Project Manager

DISCUSSION:

The Watermaster Technical Action Committee (TAC) requested that the Board of Directors consider hiring a part-time contractual technical person to oversee the contracts that were being awarded to implement the Board adopted Seaside Groundwater Basin Monitoring and Management Plan, (SGBMMP). When the Board approved the contractual position, a sub-committee of the TAC was appointed to develop, recruit, interview and select a professional part-time contractual Technical Project Manager. This selection process was conducted during the period from April 18, 2007 to this date. We are very pleased to have Mr. Jaques with his extensive professional background as the successful candidate and highly recommend him for this position.

FISCAL IMPACT:

The budget for this fiscal year has already been approved by the Board and that approved amount of \$64,000 for the remainder of this budget year has been deemed sufficient for this position

ATTACHMENTS:

Unfortunately, a copy of the employment contract was not yet available when the agenda had to be sent out. Copies will be available at the Board of Directors meeting on June 6, 2007.

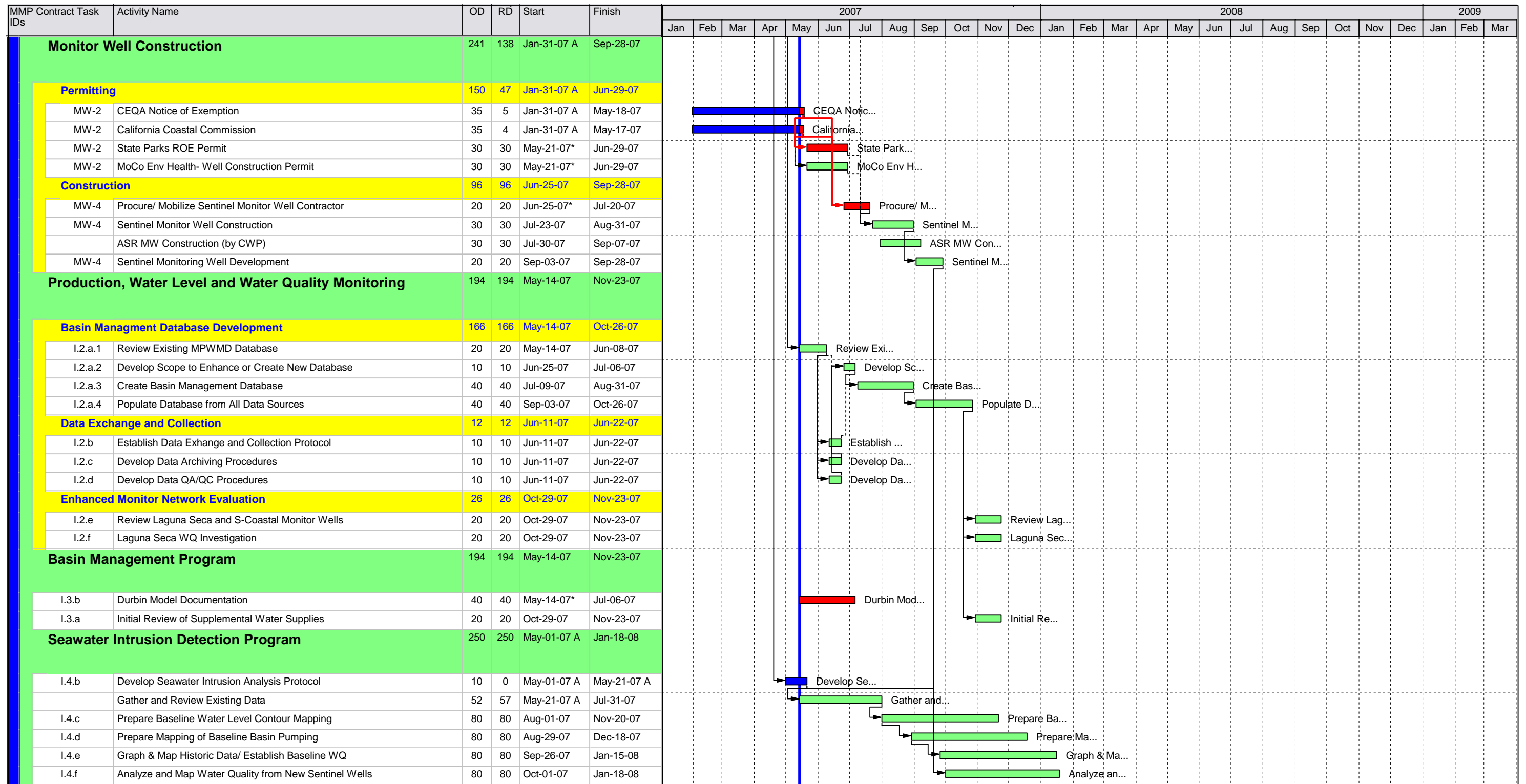
ITEM NO – IX

**INFORMATIONAL
REPORTS**

**SEASIDE GROUNDWATER BASIN WATERMASTER
CRITICAL MILESTONE DATES**

ITEM IX.A.
06/06/07

<u>ANNUAL MILESTONES</u>	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Each Producer is authorized to Produce its Production Allocation within the designated Subarea in each of the first three Water Years. Alternative Producers may change to Standard Production by March 27, 2009 by filing a declaraton with the Court and with the other parties.	27-Mar-06			27-Mar-09							
Commencing with the fourth Water Year and Triennially thereafter, the Operating Yield for both Subareas will be decreased by 10% until the Operating Yield is equivalent to the Natural Safe Yield unless by recharge or reclaimed water use results in a decrease in production of Native Water as required by the decision.				75% of the Operating Yield of 5,600 af could be decreased 10% January 1, 2009			Operating yield could decrease 10% every three years on October 1st until it is the equivalent of Natural Safe Yield		1-Oct		
Each Water Year by November 15th, the Watermaster will determine and levy a Replenishment Assessment on each Standard Producer, with payment due from Producer 40 days after the levy is mailed		15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	
After the close of each Water Year, the Watermaster will determine and levy a Replenishment Assessment against all Producers that incurred Operating Yield Over Production during the Water Year, with payment due from Producer by January 15th.		30-Nov	30-Nov	30-Nov	30-Nov	30-Nov	30-Nov	30-Nov	30-Nov	30-Nov	
California American Water is to submit annually to the Watermaster any augmentation to the water supply for possible credit toward Replenishment Assessment	Annually	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	
Water level monitoring - monthly data collection from all members for inclusion in the consolidated database.	Reported Annually	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	
Water quality monitoring - yearly data collection from all members for including in the consolidated database	Reported Annually	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	
Summary report of water resources data to all members/parties Reported the 15th of each quarter month:	Quarterly	Jan, Apr, Jul, Oct 15th	Jan, Apr, Jul, Oct 15th	Jan, Apr, Jul, Oct 15th	Jan, Apr, Jul, Oct 15th	Jan, Apr, Jul, Oct 15th	Jan, Apr, Jul, Oct 15th	Jan, Apr, Jul, Oct 15th	Jan, Apr, Jul, Oct 15th	Jan, Apr, Jul, Oct 15th	
Annual Report to Court	January 15	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	15-Nov	
<u>ADMINISTRATIVE MILESTONES</u>	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	
Board Director Terms	Term		Term		Term		Term		Term		
Budget (Administrative)		15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	
Budget (Operations)		15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	
Budget (Replenishment)		7-Mar	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	15-Jan	
<u>MONTHLY MILESTONES</u>	2006	Jan 07	Feb 07	Mar 07	Apr 07	May 07	Jun 07	Jul 07	Aug 07	Sep 07	Oct 07
Adjudication ordered by Court and filed	27-Mar-06										
Monitoring and Management Plan submitted to Court for review											
Watermaster submission of a revised Monitoring and Management Plan and Replenishment Assessment Calculation to the Court		12-Jan-07									
Service Contract for Well Installation and Implementation of BMMP			28-Feb-07								
1-Year Anniversary of Adjudication: Provide further estimates, programs and plans Report to Court designation of sites for drilling groundwater monitoring wells required by BMMP				27-Mar-07				11-Jun-07			
Watermaster Board Regular Meeting Schedule							6-Jun-07	3-Jul-07	1-Aug-07	5-Sep-07	3-Oct-07
<u>PROJECT SCHEDULE (See attached detailed Project Schedule)</u>	Original Adjudicated Timeline 5/17/06 revised 9/5/06			Court update on various Watermaster tasks and activities 3/15/07			BMMP Project Schedule 5/25/07				
Program Administration (RBF, MPWMD)					1/15/07-4/16/07			1/15/07-6/19/07			
Basin Monitor Well Construction (Feeney, RBF, MPWMD, ASR/Pueblo)		7/1/06-10/31/07			1/31/07-11/30/07			1/31/07-9/28/07			
Production, Water Level and Water Quality Monitoring (RBF, MPWMD, ASR/Pueblo)		7/1/06-1/31/07			4/16/07-10/26/07			1/29/07-12/31/07			
Seaside Basin Management Program (RBF, MPWMD)		7/1/06-10/30/07			4/2/07-10/26/07			5/14/07-12/31/07			
Seawater Intrusion Detection Program (RBF, MCWRA, Hydrometrics)		8/1/06-3/31/07			10/1/07-3/23/08			12/4/07-6/2/08			



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Seaside Basin Monitoring and Management Program

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone

Seaside Groundwater Basin Watermaster

**Reported Quarterly and Annual Water Production From the Seaside Groundwater Basin
For All Producers Included in the Seaside Basin Adjudication During Water Year 2007
(All Values in Acre-Feet)**

Producer	Quarters			Water Year 2007
	Oct 06-Dec 06	Jan 07-Mar 07	Apr 07-Jun 07 Jul 07-Sep 07	
Security National Guaranty	2.1	2.3		
M.E. Calabrese 1987 Trust	0.0	---		
Sand City	---	0.2		
Alderwoods Group	---	---		
Pasadera Country Club	15.0	33.2		
Laguna Seca/Bishop	30.2	5.2		
York School	4.8	3.3		
Granite Rock Company	---	0.0		
DBO Development No. 27	0.0	0.0		
Seaside (Municipal)	67.0	58.3		
Seaside (Golf)	76.9	27.8		
Cal-Am (Coastal Subareas)	1,051.3	88.4		
Cal-Am (Inland Subareas)	91.8	63.0		
Laguna Seca Park (County)	5.3	3.7		
Total				0.0

Notes:

1. The water year begins October 1 and ends September 30 of the following calendar year. For example, WY 2007 began on October 1, 2006, and ends on September 30, 2007.
2. Producers shown in **bold type** have not yet provided reports to the Watermaster covering the current quarter (i.e., Jan 07 - Mar 07 Qtr).
3. Values shown in the table are based on reports to the Watermaster as received by the MPWMD by May 30, 2007.
4. All values are rounded to the nearest tenth of an acre-foot. Where required, reported data were converted to acre-feet utilizing the relationship: 325,851 gallons = 1 acre-foot.
5. Pasadera Country Club Oct 06-Dec 06 Qtr: 344.326 - 359.319 = 14.993 AF; Jan07-Mar07 Qtr: 359.319 - 392.522 = 33.203 AF.