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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,)

Case No. M66343

12 Plaintiff,)

**WATERMASTER RESPONSE TO
NOVEMBER 26, 2007 MINUTE ORDER**

13 vs.)

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

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)

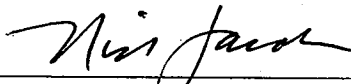
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1 By order dated November 26, 2007, this Court ordered the Seaside Basin Watermaster
2 to provide supplemental information regarding deficiencies in the Watermaster's 2007 Annual
3 Report, and to present a specific plan of action to cure those deficiencies, no later than February
4 28, 2008. Attached hereto is the Watermaster's response to the Court's order.

5 Respectfully submitted,

6 SOMACH, SIMMONS & DUNN

7
8 Dated: February 26, 2008

9 By 
Nicholas A. Jacobs

10 Attorneys for California American Water
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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 February 26, 2008, I served a true and correct copy of

6 **WATERMASTER RESPONSE TO NOVEMBER 26, 2007 MINUTE ORDER**

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

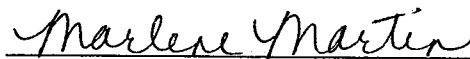
13 SEE ATTACHED SERVICE LIST

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

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

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

20 I declare under penalty of perjury that the foregoing is true and correct under the laws of
21 the State of California. Executed on February 26, 2008, at Sacramento, California.

22 

23 Marlene Martin

SERVICE LIST

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Honorable Roger D. Randall

JUDGE'S COPY

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Watermaster Executive Officer

Report to the Court Responding to November 26, 2007 Minute Order

The Seaside Basin Watermaster submits the following report in response to the Order of the Court dated November 26, 2007.

The Court's Minute Order reads as follows:

The Court has received and read the 2007 Watermaster Report for the Seaside Groundwater Basin. It notes that Attachment 9, Page 10 of the report summarizes: "Existing provisions in the court-approved Seaside Basin Monitoring and Management Program (SBMMP) require certain groundwater-level and groundwater-quality data collection and reporting from Watermaster member production wells for incorporation into the Watermaster's consolidated groundwater-resources database. It appears that at least some of the required data collections have not been conducted by Watermaster members as prescribed in the SBMMP. If these required data had been available they would have significantly benefited the groundwater-level quality analyses recently undertaken as part of the Phase I implementation of the SBMP."

The Annual Report references the Joe Oliver report (Attachment 9) at page 6, and states: "The Watermaster Board approved Fiscal Year 2008 Budgets that will fund implementation of all of these recommendations, so the enhanced monitoring well network will be put into place during Water Year 2008."

To ensure full implementation of the judgment the Court now orders that Watermaster provide supplemental information regarding the deficiencies noted above, and present a specific plan of action to cure those deficiencies, no later than February 28, 2008.

Following development of a proposed specific action plan by the Watermaster Technical Advisory Committee during the month of December, 2007, at its January 16, 2008 meeting the Watermaster Board of Directors took the following actions regarding the Court's Order:

1. Adopted the Specific Action Plan contained in Exhibit A.
2. Authorized the issuance of the "Notice of Request for Well Water Data" (Notice) requesting that the groundwater-level and groundwater-quality data be provided to the Watermaster as required by the SBMMP. This Notice is contained in Exhibit B.
3. Authorized staff to prepare and execute a contract for a not-to-exceed amount of \$17,460 with the Monterey Peninsula Water Management District (MPWMD) to collect well data for well owners/operators who wish to have the Watermaster provide this service. A copy of this contract is contained in Exhibit C.

The progress and current status of each of the elements of the Specific Action Plan are summarized below:

1. *Identify all of the wells that are required by the Court's March 27, 2006 Order to obtain and submit water level and water quality data.*
Status: This element has been completed.
Work Remaining: None.

2. *Not later than January 31, 2008, notify each of these well owners/operators of their obligations to provide this data to the Watermaster, and require that they promptly begin providing this data. Require that a response to this notification be provided to the Watermaster within 10 days of the date it is received by a well owner/operator.*

Status: This element has been completed. The due date for responses to this Notice to Well Owners was set as January 31, 2008.

Work Remaining: Evaluate the responses as they are received. Attachment 3 to this agenda transmittal is a table showing the status of responses received from each well owner to whom the Notice to Well Owners was sent.

The Board directed staff to include in the Notice to Well Owners language giving well owners the opportunity to describe any extenuating circumstances which they felt would justify exempting them from providing the required data. At its meeting of February 13 the TAC reviewed the exemption requests that were received and made a determination as to whether any exemptions should be granted. These determinations are contained in Attachment 3. Letters are being sent to each well owner that requested an exemption notifying them of the TAC's decision regarding their request.

If a well owner stated his desire to provide the required data himself, the well owner was sent a notice requiring that the data be provided not later than Thursday, February 21. This will provide time for the Watermaster to either incorporate that data into its response to the Court (which is due by February 28, 2008), or provide an explanation why it has not been incorporated and when it will be.

If a well owner wished to have the Watermaster obtain the data at the well owner's expense, direction has been provided to MPWMD to collect the data under their contract to perform this work (see element 3 below).

3. *Issue a contract to MPWMD to obtain water level and/or water quality data from those well owners/operators who wish to pay the Watermaster to obtain this data for their wells.*

Status: The Board authorized staff at its last meeting to proceed with this element. A contract for this purpose has been prepared and sent to MPWMD. This contract was executed February 6, 2008. Staff has provided direction to MPWMD to collect the required data from any well owners who stated their desire to have the Watermaster perform this work at the well owner's expense.

Work Remaining: MPWMD will be collecting this data over the next several weeks.

4. *Include the water level and water quality data from all of these wells in the comprehensive database which the Watermaster uses to help it to manage the Seaside Basin.*

Status: The database is available for inputting of this data by staff as soon as it is received. Training on use of the database was held on Monday February 11, 2008 for Watermaster and MPWMD staff who will be involved in data input to the database.

Work Remaining: Input the data as it is received, and use the database as a basin management tool.

5. *Initiate appropriate action to obtain the required data from any well owner/operator that does not provide this data after being notified by the Watermaster under Action 2 above.*

Status: As noted in the agenda materials on this matter at the Board's January 16, 2008 meeting, legal counsel should take the lead in pursuing this element.

Work Remaining: Discussion with legal counsel has been initiated and follow-up action will be taken as soon as a proper course of action is decided upon between the Watermaster CEO and legal counsel. Watermaster intends to move the Court for authority to enforce well data reporting requirements.

6. *Submit this Specific Action Plan, along with a report on the results of Actions 1 through 4 above, to the Court not later than February 25, 2008.*

Status: Preparation of these materials has been completed. The draft report was presented to the TAC for its review and input at its February 13, 2008 meeting. It is contained in Attachment 4 to this agenda transmittal.

Work Remaining: The technical and administrative portions of the report were prepared by Watermaster staff with input from the TAC. The report was updated as more responses were received from well owners, and as direction was received from legal counsel. Legal counsel will submit the report to the Court.

7. *On an ongoing basis, continue to monitor the receipt of the required water level and water quality data to ensure that such data is received on time and in the proper format for use in the Watermaster's database.*

Status: This work will commence as soon as the initial data has been compiled and the response to the Court has been submitted.

Work Remaining: This is an ongoing element that will continue indefinitely.

Subsequent to the taking of these actions, the Watermaster sent out Notices to well owners/operators pursuant to Specific Action Plan item 2 in Exhibit A.

Exhibit D contains the listing of all active and inactive production well owners/operators in the Seaside Basin. Those well owners/operators to whom this Notice was sent were those identified with either an "N" or a "?" in either of the columns titled "Monthly Water Level Data Being Collected?" and "Annual Water Quality Data Being Collected?" A designation of "N" indicates that the data was not being collected. A designation of "?" indicates that the Watermaster was uncertain as to whether or not the data was being collected.

Exhibit E contains a listing of all of the responses received from each of the well owners/operators to whom the Notice was sent. It also indicates:

- (1) Which well owners/operators have provided the required data
- (2) Which well owners/operators are in the process of providing that data
- (3) Which well owners/operators will reimburse the Watermaster for obtaining the data
- (4) Which well owners/operators requested an exemption from the data collection requirements (for those well owners/operators requesting an exemption, Exhibit E also indicates what the Technical Advisory Committee's decision was with regard to those requests), and

(5) Which well owners/operators did not respond to the Notice

In summary the Watermaster has taken strong and positive steps to acquire the necessary data, and will pursue this, with the Court's assistance as requested above, to completion as rapidly as possible.

Exhibit A

Specific Action Plan In Response to Court Order Dated November 26, 2007

In accordance with the Schedule shown below, the Watermaster will carry out the following actions in order to cure the deficiencies cited in the Court's Minute Order dated November 26, 2007:

1. Identify all of the wells that are required by the Court's March 27, 2006 Order to obtain and submit water level and water quality data.
2. Not later than January 31, 2008, notify each of these well owners/operators of their obligations to provide this data to the Watermaster, and require that they promptly begin providing this data. Require that a response to this notification be provided to the Watermaster within 10 days of the date it is received by a well owner/operator.
3. Issue a contract to MPWMD to obtain water level and/or water quality data from those well owners/operators who wish to pay the Watermaster to obtain this data for their wells.
4. Include the water level and water quality data from all of these wells in the comprehensive database which the Watermaster uses to help it to manage the Seaside Basin.
5. Initiate appropriate action to obtain the required data from any well owner/operator that does not provide this data after being notified by the Watermaster under Action 2 above.
6. Submit this Specific Action Plan, along with a report on the results of Actions 1 through 4 above, to the Court not later than February 25, 2008.
7. On an ongoing basis, continue to monitor the receipt of the required water level and water quality data to ensure that such data is received on time and in the proper format for use in the Watermaster's database.

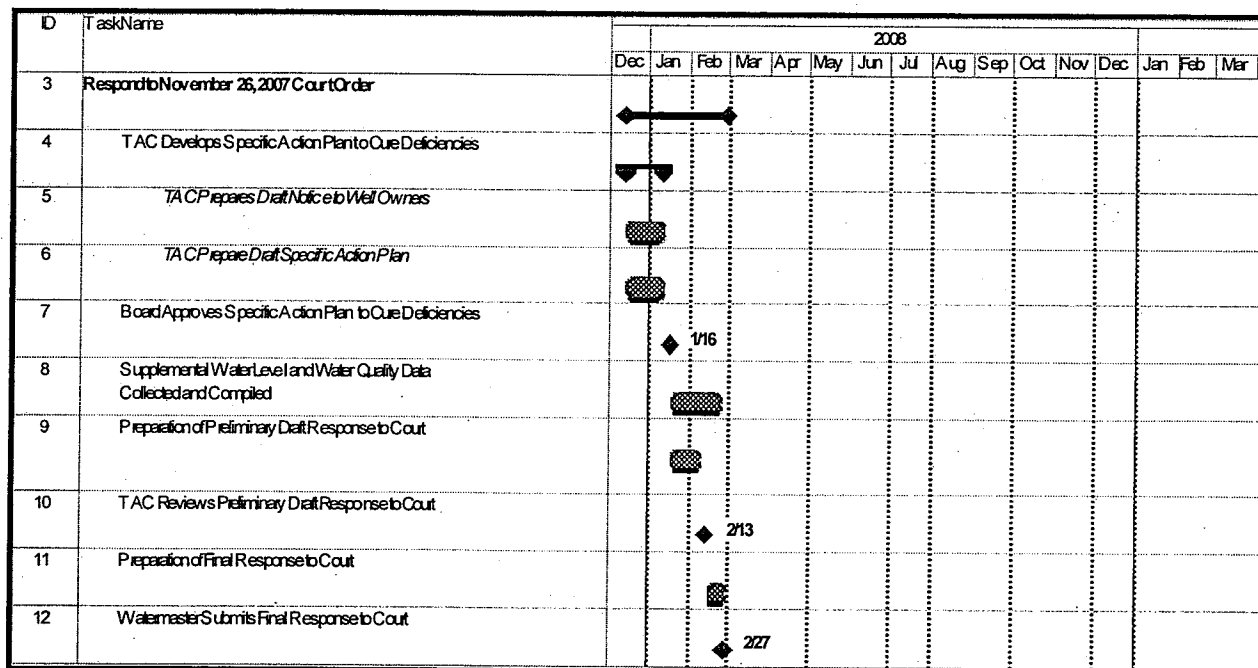


Exhibit B

[SENT OUT ON WATERMASTER LETTERHEAD]

NOTICE OF REQUEST FOR WATER WELL DATA January 17, 2008

You are receiving this Notice because the Seaside Groundwater Basin Watermaster's records indicate you are the owner or operator of a water well located within the Seaside Groundwater Basin.

The Seaside Groundwater Basin Watermaster (Watermaster) is responsible for enforcing and administering the provisions of the adjudication Decision for the Seaside Groundwater Basin (Basin) located in northern Monterey County, California. This Decision was issued by the Superior Court in Monterey County on March 27, 2006 and amended on February 9, 2007.

Concerns about overpumping of groundwater from the Basin, and the potential for this to lead to seawater intrusion, led to the Court's issuing of the Decision. The Decision requires that certain actions be taken by the Watermaster to preserve and protect the groundwater resources within the Basin. Two of these requirements are:

1. All active and inactive production wells in the basin must have static (i.e., non-pumping) water levels collected and recorded a minimum of once per month.
2. All active production wells in the coastal subareas of the basin must have a water quality sample from each well collected and analyzed by a state-approved (certified) laboratory for the full general inorganic mineral suite a minimum of once per year.

An active production well is defined as any well that has extracted water within the last year for a beneficial use, such as landscape irrigation, commercial uses, or drinking water. An inactive production well is defined as any well that could extract water for a beneficial use, but which has not extracted water within the last year and currently either has an inoperable pump, or no pump at all, and is therefore not currently capable of extracting water for a beneficial use.

The Decision states that it shall be the responsibility of each owner/operator of the well(s) to report water level and quality analytical results to the Watermaster for inclusion of these data in the consolidated groundwater resource database. This database is being developed by the Watermaster pursuant to the Decision.

The check box on the following page shows what our records indicate with regard to receipt of the required data from you for the indicated water well(s) located within the Seaside Groundwater Basin. If the data has not been submitted, you are hereby requested to provide the indicated 2006 and 2007 data to the Watermaster, as well as any prior well data of this type.

Water System Name: _____

Well Name: _____

Well Status: Active Inactive

Required Data to be Submitted: Monthly Static Water Levels Annual Water Quality

Has Data Has Been Submitted to the Watermaster as Required? Yes No

Are There Any Extenuating Circumstances Pertaining to this Well for Which You Believe the Well Should Not be Required to Submit this Data?: Yes No

If the answer to this question is "Yes" please provide a detailed explanation of these circumstances, and why the data cannot, or should not, be submitted:

For ongoing compliance, there are two ways for you to obtain and submit the required data to the Watermaster:

1. Obtain the data yourself, and submit it to the Watermaster. This will likely involve (1) either making the water level measurements yourself, or having another qualified party do this for you, and (2) taking a water quality sample and sending it to a state-approved laboratory for analysis.
2. Have the Watermaster obtain the data for you, and pay the Watermaster for its costs to provide this service.

If you choose to obtain the data yourself, you will need to have the skills and equipment to make the water level measurements, and to collect a representative sample for water quality testing. A brief description of the procedures for performing each of these tasks is contained in Attachment A to this Notice. A listing of the water quality parameters for which the annual water sample must be analyzed are contained in Attachment B. These parameters are standard tests performed by many water quality laboratories. Water level data are to be collected once each month, and are to be submitted to the Watermaster within 15 days after the data are collected. Water quality sampling is to be performed in September or October, and the water quality results are to be submitted to the Watermaster not later than October 15 of each year. **If you choose to obtain**

the data yourself, please send written notification of this to the Watermaster not later than January 31, 2008.

If you choose to have the Watermaster obtain the data on your behalf, you will need to provide written authorization to the Watermaster for this purpose. This can be done by filling out and returning the form contained in Attachment C to this letter, and returning it to the Watermaster along with your check made out in the appropriate amount per well, as described in Attachment C. **If you choose to have the Watermaster obtain the data on your behalf, please complete and return the form in Attachment C, along with your check, to the Watermaster not later than January 31, 2008.** Note: Well owners/operators who are currently collecting this data themselves may also ask to have the Watermaster collect the data for them, under the same terms and conditions set forth in Attachment C.

The Watermaster has been ordered by the Court to provide a report by February 28, 2008 on progress being made to collect the required data. The responses received from each affected well owner/operator will be used in the preparation of that report. Any well owners from whom no definitive response has been received will be noted in that report. Since the Court has the power to impose sanctions on any well owner/operator that does not carry out the requirements contained in the Decision, it is imperative that all affected well owners respond to this Notice.

If you have any questions regarding this Notice, please contact the Seaside Groundwater Basin Watermaster at (831) 641-0113, or by mail at the address shown on the letterhead.

Thank you for your attention to this Notice.

Dewey D. Evans
Chief Executive Officer

Attachments (3)

ATTACHMENT A

OUTLINE OF PROCEDURES TO MEASURE STATIC WATER LEVELS AND TO COLLECT A SAMPLE FOR WATER QUALITY ANALYSIS

Water Level Measurement

An acceptable method for collecting static (i.e., non-pumping) water level measurements is with the use of a coaxial electric water level sounding device, such as shown in Figure 1. All water level measurements must be referenced to a described point at the wellhead. For active production wells, the well must be shut down 24 hours prior to water level measurement to ensure an accurate static water level reading. All measurements should be recorded to the nearest one hundredth of a foot (e.g., depth to water from wellhead reference point = 85.94 feet).

Water Sample Collection

Samples are to be collected for water quality analysis only from active production wells. Active wells have operable pumps and motors, and are therefore able to pump the water that will be used for the water quality analysis. Therefore, no portable or temporary pumping equipment or piping should be necessary.

The volume of water removed from each well prior to sampling is should be at least three casing volumes, consistent with standard sampling protocol. This is accomplished by calculating the casing volume and then running the pump long enough to pump the required pre-sampling volume. This purges the well of water that may have been residing in it for some period of time, so that the sample collected for analysis will represent the current quality of the water being pumped from the underlying aquifer. A representative wellhead configuration for collection of water quality samples is shown in Figure 2.

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. An example of the recordation of field data is provided on the field ground water sampling form in Figure 3.

Once the samples are collected, they are to be sent or taken to a state-certified laboratory for analysis. The laboratory should be contacted to determine the volume of sample they will need to be provided in order to perform the required analyses. The laboratory should also be consulted with regard to proper "chain-of-custody" sample submittal forms, proper sample collection techniques, and suitable sample containers, to ensure that the sample is not contaminated during the sampling process.

Figure 1. Representative Method for Collecting Static Water Level Measurements

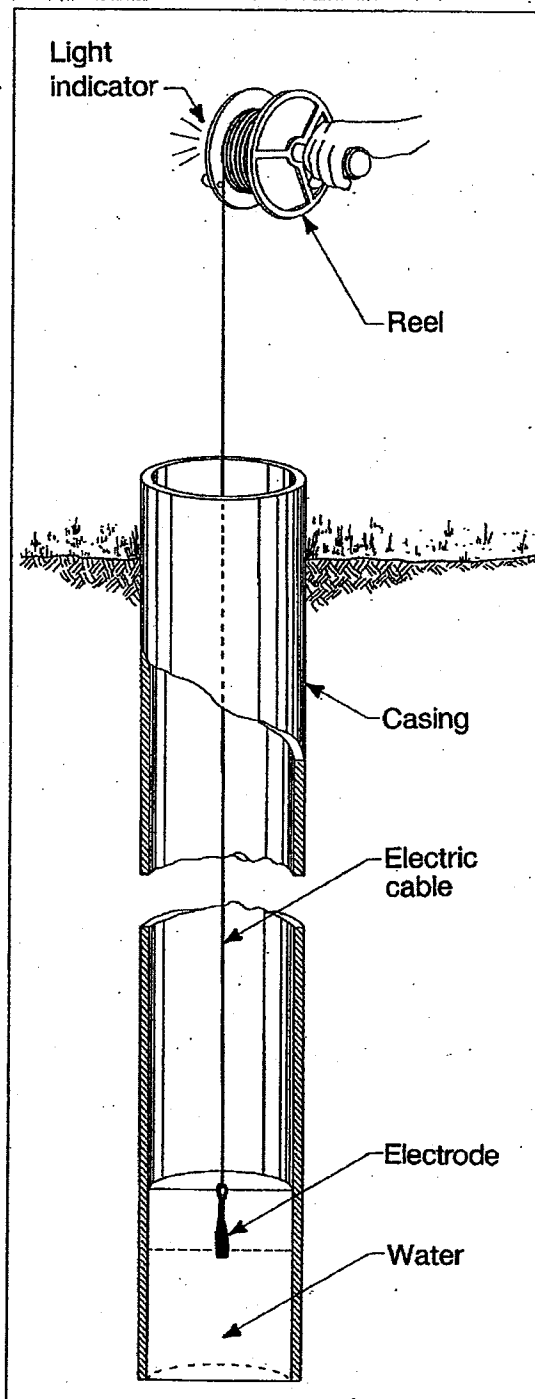


Figure 16.12. Electric sounder for measuring depth to water consists of electrode, two-wire cable, and a light which indicates a closed circuit when electrode touches water.

From: Groundwater and Wells 2nd Ed., 1986, pg. 549.

Figure 2. Representative Wellhead Configuration for Water Quality Sample Collection

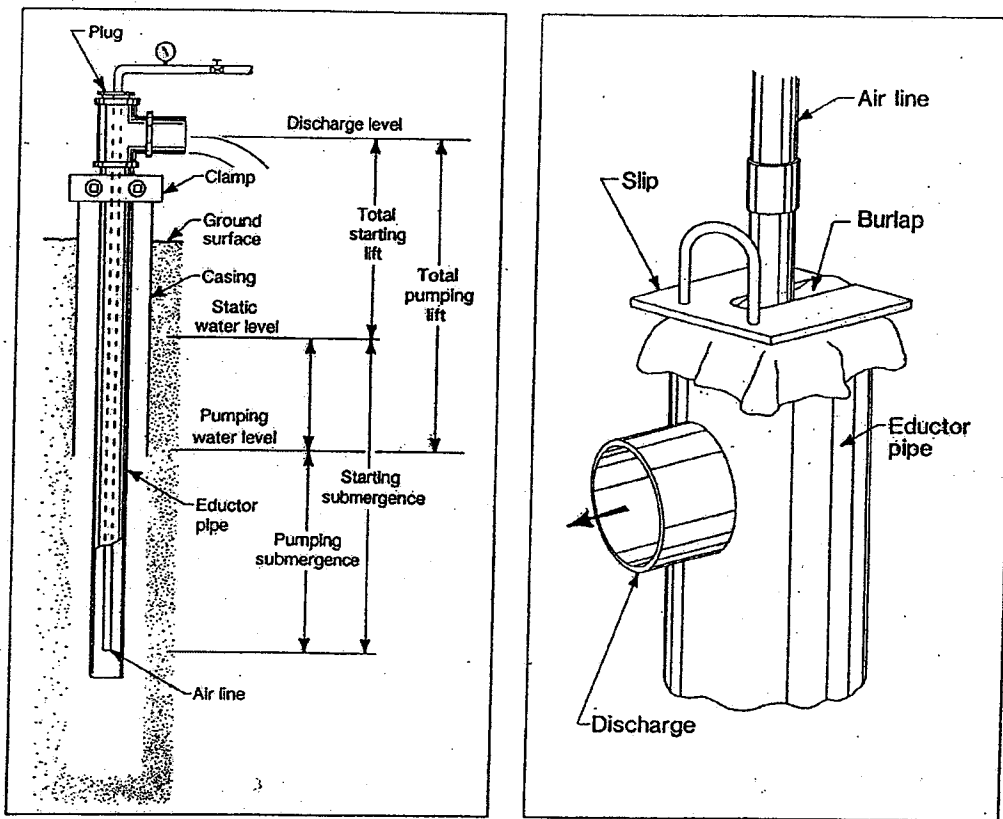


Figure 3. Example Ground Water Data Collection Form



MONTEREY PENINSULA
WATER MANAGEMENT DISTRICT

Recorded by Joe O.
(Signature)

GROUND-WATER SAMPLING FORM

Well No. PCA East - Deep 15S/IE-15K4
Well Type: Monitor Extraction Other
Well Material: PVC St. Steel Other
Date 10/24/2006 Time 1310 hr
Sampled by Jwo, TLL, TTC
(Initials)

WELL PURGING

PURGE VOLUME

Casing Diameter (D in inches):
 2-inch 4-inch 6-inch Other
Total Depth of Casing (TD in feet BTOC): 710
Water Level Depth (WL in feet BTOC): 89.95
Number of Well Volumes to be purged (# Vols)
 3 4 5 10 Other

PURGE METHOD

Baller - Type: _____
 Submersible Centrifugal Bladder; Pump No.: _____
 Other - Type: air lift - 185 H Sullair Compressor

PUMP INLET SETTING

Near Bottom Near Top Other bottom of air line
Depth in feet (BTOC): _____ Screen Interval in feet (BTOC):
from 650 to 700

PURGE VOLUME CALCULATION

$$\left(\frac{710 - 90}{\text{TD (feet)}} - \frac{90}{\text{WL (feet)}} \right) \times \frac{2^2}{\text{D (inches)}} \times \frac{3}{\# \text{ Vols}} \times 0.0408 = \frac{304}{\text{Calculated Purge Volume}} \text{ gallons}$$

PURGE TIME

1320 Start 1411 Stop 51 Elapsed

PURGE RATE

Initial 6+ gpm Final 6+ gpm

ACTUAL PURGE VOLUME

306+ gallons

FIELD PARAMETER MEASUREMENT

| Minutes Since Pumping Began | pH | Cond. (µmhos/cm) | T <input type="checkbox"/> °C <input checked="" type="checkbox"/> °F | Other | # gpl |
|-----------------------------|----|------------------|--|-------|-------|
| 1320 | 1 | 651 | 66 | clr | 6 |
| 1335 | 15 | 614 | 72 | " | 90 |
| 1345 | 25 | 577 | 74 | " | 150 |
| 1400 | 40 | 710 | 76 | " | 240 |
| 1411 | 51 | 714 | 76 | " | 306 |

| Minutes Since Pumping Began | pH | Cond. (µmhos/cm) | T <input type="checkbox"/> °C <input checked="" type="checkbox"/> °F | Other |
|-----------------------------|----|------------------|--|-------|
| | | | | |
| | | | | |
| | | | | |
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| | | | | |

Observations During Purging (Well Condition, Turbidity, Color, Odor): slight H₂S odor after 90gal pumped.
Discharge Water Disposal: Sanitary Sewer Storm Sewer Other directed to swale away from wellhead.

WELL SAMPLING

SAMPLING METHOD

Baller - Type: _____ Same As Above
 Submersible Centrifugal Bladder; Pump No.: _____ Grab - Type: _____
 Other - Type: _____

SAMPLE DISTRIBUTION

| Sample No. | Volume/Cont. | Analysis Requested | Preservatives | Lab | Comments |
|--|--------------|--------------------|---------------|-----|----------|
| <u>- see chain-of-custody record sheet -</u> | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

QUANTITY CONTROL SAMPLES

| Duplicate Samples | | Blank Samples | | Other Samples | |
|---------------------|----------------------|---------------|------------|---------------|------------|
| Original Sample No. | Duplicate Sample No. | Type | Sample No. | Type | Sample No. |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

ATTACHMENT B

Listing of the Water Quality Parameters for Which Annual Water Samples Must be Analyzed

The water quality constituents that must be measured and reported for the annual water quality analyses are:

Specific Conductance (micromhos/cm)

Total Alkalinity (as CaCO₃)

pH

Chloride

Sulfate

Ammonia Nitrogen (as NH₃)

Nitrate Nitrogen (as NO₃)

Total Organic Carbon

Calcium

Sodium

Magnesium

Potassium

Iron

Manganese

Orthophosphate

Total Dissolved Solids

Hardness (as CaCO₃)

Boron

Bromide

Fluoride

ATTACHMENT C

Authorization to Have the Watermaster Obtain Well Data

The following is an estimate of the costs the Watermaster anticipates incurring, if it is authorized to collect water level and water quality data from a water well located within the Seaside Groundwater Basin.

Monthly Water Levels - It is estimated that it will take approximately 0.5 hour/well to perform a water level measurement. This time estimate is based on the assumption that the water level measurements will be performed at the time that a field person is already out and about collecting data from other wells, and the fact that the distance between wells located within the Basin is not that great. This labor would be billed at the field rate of \$70/hr, so the estimated cost per water level measurement would be \$35.

The total estimated cost would be \$420 per year per well for 12 monthly measurements.

Annual Water Quality Sampling - Assuming that annual water sample collection would coincide with water level collection at a well, it is estimated that it will take approximately 0.5 hr to collect the water quality sample, including sampling time, bottle labeling, custody forms, delivery to laboratory, etc. There will also be an estimated 0.5 hr for receipt, review and computer entry of laboratory data, and an estimated \$200 per sample for the laboratory analysis. The sampling work would be billed at the field rate of \$70/hr, so the estimated cost per annual water quality sample would be \$70 for labor, and \$200 for laboratory services, for a total cost per sample of \$270. One sample is needed to represent water quality from the fall of 2007, and one for the fall of 2008, so two water quality samples will need to be collected and analyzed in 2008. The sample to represent 2007 water quality will be collected as soon as possible in 2008, most likely at the time the first water level measurement is made. The 2008 sample will be collected in the fall of 2008. Thereafter, only one sample per year will be required.

The total estimated cost for collecting and analyzing the two samples per well in 2008 is \$540.

Combined Water Level Measurements and Water Quality Sampling: For combined water level and water quality monitoring, the total estimated cost, per well, for the initial 12-month period is \$960.

I am the Party responsible for the well(s) described below, and I am empowered to provide this Authorization to the Seaside Groundwater Basin Watermaster. (List all wells to which this authorization applies).

Water System Name (if applicable): _____

Well Name: _____

Well Name: _____

Well Name: _____

I hereby authorize the Seaside Groundwater Basin Watermaster (Watermaster) and/or its agents to perform the services indicated below on my behalf. I agree to pay the Watermaster all of its reasonable costs incurred in the performance of this work. I agree to provide the Watermaster with reasonable access to the well(s) for the purpose of performing these services, and to provide such information and/or assistance as is requested by the Watermaster in order for the Watermaster to perform these services.

I have attached a check made out to the Seaside Groundwater Basin Watermaster in the appropriate amount (based on the estimated costs described on the preceding page) per well, as an advance payment toward the cost of annual collection of data on my well(s). Should the Watermaster's actual costs to perform these services differ from the amount of this advance payment, the Watermaster will either bill me for the additional amount owed, or will refund me the amount of overpayment, whichever is appropriate, at the end of the 12-month period for which these services will be provided.

Services to be Performed by the Seaside Groundwater Basin Watermaster

(Note: The well owner/operator should put a check mark in the box for each service it wishes the Watermaster to provide)

Visit each well site listed above once each month during calendar year 2008 and make a static water level measurement.

Visit each well site listed above twice during calendar year 2008 and collect and analyze one sample at each visit for water quality analysis.

Record and report the data obtained under items 1 and 2 in the Quarterly and/or Annual Reports the Watermaster prepares. Provide a copy of the information collected from the well owner's/operator's well to the well owner/operator.

Signed: _____ Date: _____
(Signature of Responsible Party)

Printed Name of Signatory: _____

Exhibit C

**SEASIDE BASIN WATERMASTER
REQUEST FOR SERVICE**

DATE: February 1, 2008

RFS NO. 2008-02

(To be filled in by WATERMASTER)

TO: Joe Oliver

FROM: Robert Jaques

Services Needed and Purpose:

Perform water level and water quality data collection for specified wells within the Seaside Basin in accordance with the Scope of Work contained in Attachment 1.

Completion Date: The work of this RFS No. 2008-02 shall be completed on an as-directed basis from the Watermaster during 2008. All work under this RFS will be completed not later than December 31, 2008.

Method of Compensation: Time and Expense Payment Method (As defined in Section V of Agreement.)

Total Price Authorized by this RFS: \$17,460 (See Attachment 1 for details regarding this Total Price, and how costs will be authorized on an as-directed basis. Cost is authorized only when evidenced by signature below.)

Total Price may not be exceeded without prior written authorization by WATERMASTER in accordance with Section V. COMPENSATION.

Requested by: _____ Date: _____
WATERMASTER Technical Program Manager

Authorized by: _____ Date: _____
WATERMASTER Chief Executive Officer

Agreed to by: _____ Date: _____
PROFESSIONAL

ATTACHMENT 1

Scope of Work for RFS No. 2008-02

Background:

The WATERMASTER Board authorized its staff to contract with the PROFESSIONAL to collect water level and water quality data from certain wells located within the Seaside Basin, if the owners/operators of those wells expressed this desire to the WATERMASTER. The procedures for this data collection are described in the Notice to Well Owners that is contained in Exhibit "A" to this Attachment 1.

This RFS No. 2008-02 authorizes PROFESSIONAL to perform this data collection work on an as-directed basis, with formal authorization from the WATERMASTER to the PROFESSIONAL being required prior to the PROFESSIONAL performing such work on any specified well. This will provide the WATERMASTER with full control over which wells are provided this service, as well as over the costs for having this work performed.

The wells to which these services may be provided are listed in Table 1.

The estimated costs, per well, to perform these services are as follows:

Monthly Water Levels - It is estimated that it will take approximately 0.5 hour/well to perform a water level measurement. This time estimate is based on the assumption that the water level measurements will be performed at the time that a field person is already out and about collecting data from other wells, and the fact that the distance between wells located within the Basin is not that great. This labor would be billed at the field rate of \$70/hr, so the estimated cost per water level measurement would be \$35.

The total estimated cost would be \$420 per year per well for 12 monthly measurements.

Annual Water Quality Sampling - Assuming that annual water sample collection would coincide with water level collection at a well, it is estimated that it will take approximately 0.5 hr to collect the water quality sample, including sampling time, bottle labeling, custody forms, delivery to laboratory, etc. There will also be an estimated 0.5 hr for receipt, review and computer entry of laboratory data, and an estimated \$200 per sample for the laboratory analysis. The sampling work would be billed at the field rate of \$70/hr, so the estimated cost per annual water quality sample would be \$70 for labor, and \$200 for laboratory services, for a total cost per sample of \$270. One sample is needed to represent water quality from the fall of 2007, and one for the fall of 2008, so two water quality samples will need to be collected and analyzed in 2008. The sample to represent 2007 water quality will be collected as soon as possible in 2008, most likely at the time the first water level measurement is made. The 2008 sample will be collected in the fall of 2008. Thereafter, only one sample per year will be required.

The total estimated cost for collecting and analyzing the two samples per well in 2008 is \$540.

Combined Water Level Measurements and Water Quality Sampling: For combined water level and water quality monitoring, the total estimated cost, per well, for the initial 12-month period is \$960.

In the event all of the wells listed in Table 1 asked to have data collected for them by the WATERMASTER, the total estimated cost would be:

| | |
|--|-----------------|
| Potential No. of Wells Needing Water Level Data Collected = 21 @ \$420 = | \$ 8,820 |
| Potential No. of Wells Needing Water Quality Data Collected = 16 @ \$540 = | <u>\$ 8,640</u> |
| TOTAL = | \$17,460 |

Table 1

| APN | DETAILS | COMPANY | Watermaster "Producer" Well? | MPWMD Assigned Well # | Monthly Water Levels Required | Monthly Water Levels Being Collected? | Annual Water Quality Analyses Required? | Annual Water Quality Data Being Collected? |
|---------------------------------|---------------------------|----------------------------------|------------------------------|-----------------------|-------------------------------|---------------------------------------|---|--|
| Within MPWMD Boundaries | | | | | | | | |
| 012-432-004 | CAW - Plumas #4 | California American Water Co. | Y | T15S/R1E-27Jd | Y | Y | Y | N |
| 012-843-013 | CAW - Darwin | California American Water Co. | Y | T15S/R1E-23Ea | Y | Y | Y | N |
| 011-041-018 | CAW - Military | California American Water Co. | Y | T15S/R1E-14Nd | Y | Y | Y | N |
| 011-061-004 | CAW - Ord Grove #2 | California American Water Co. | Y | T15S/R1E-23Bc | Y | Y | Y | N |
| 011-071-018 | CAW - New Luzern | California American Water Co. | Y | T15S/R1E-23De | Y | Y | Y | N |
| 011-091-017 | CAW - Playa #3 | California American Water Co. | Y | T15S/R1E-22Bc | Y | Y | Y | N |
| 011-091-017 | CAW - Playa #4 | California American Water Co. | Y | T15S/R1E-22Bf | Y | Y | N | |
| 011-493-028 | CAW - Paralta | California American Water Co. | Y | T15S/R1E-14Ra | Y | Y | Y | N |
| 031-151-010 | Reservoir Well | City of Seaside | Y | T15S/R1E-13Na | Y | ? | Y | N |
| 031-231-062 | Coe Avenue Well | City of Seaside | Y | T15S/R1E-14Ma | Y | ? | Y | N |
| 011-181-014 | Public Works Corp. Yard | City of Sand City | Y | T15S/R1E-22Ed | Y | ? | Y | N |
| 011-011-020 | Cypress Pacific | Monterey Peninsula Engineering | Y | T15S/R1E-22Dd | Y | N | Y | N |
| 011-236-010 | Robinette -Design Ctr. | City of Sand City | Y | T15S/R1E-22Mc | Y | ? | Y | N |
| 011-041-043 | (in front of Target) | DBO Development | Y | T15S/R1E-22Ce | Y | N | N | |
| 011-061-022 | MMP prod well | Mission Memorial Park | Y | T15S/R1E-23Ab | Y | Y | N | |
| 011-061-022 | PRTIW -operated by MMP | Mission Memorial Park | Y | T15S/R1E-23Ac | Y | N | Y | N |
| 011-501-014-500 | | Security National Guaranty, Inc. | Y | T15S/R1E-15K1 | Y | N | Y | N |
| 011-532-005 | | Granite Rock Company | Y | T15S/R1E-22Eb | Y | ? | N | |
| 012-511-005 | Shea Well | City of Del Rey Oaks | Y | T15S/R1E-26Mc | Y | N | N | |
| 012-115-017 | City #4 | Seaside Municipal Water System | Y | T15S/R1E-23Gc | Y | ? | Y | ? |
| 012-653-003 | City #2 | Seaside Municipal Water System | Y | T15S/R1E-23Pb | Y | ? | N | |
| 012-664-017 | City #1 | Seaside Municipal Water System | Y | T15S/R1E-23Lb | Y | ? | N | |
| 012-115-017 | City #3 | Seaside Municipal Water System | Y | T15S/R1E-23Ga | Y | ? | Y | ? |
| 173-071-052 | East Well (Lot #9) | CAW - Bishop Unit | Y | T16S/R2E-05Fa | Y | N | N | |
| 173-072-034 | well lot Bishop #1 (west) | CAW - Bishop Unit | Y | T16S/R2E-05Ea | Y | Y | N | |
| 173-072-041 | well lot Bishop #2 (east) | CAW - Bishop Unit | Y | T16S/R2E-05Eb | Y | Y | N | |
| 416-111-002 | Mutual | CAW - Hidden Hills Unit | Y | T16S/R2E-09Cb | Y | N | N | |
| 416-111-004 | Standex | CAW - Hidden Hills Unit | Y | T16S/R2E-09Cc | Y | N | N | |
| 416-111-004 | Bay Ridge | CAW - Hidden Hills Unit | Y | T16S/R2E-09Cd | Y | Y | N | |
| 259-031-011 | RR#7 | CAW - Ryan Ranch #7 | Y | T15S/R1E-36Nb | Y | Y | N | |
| 259-031-012 | RR#8 | CAW - Ryan Ranch #8 | Y | T16S/R1E-01Cb | Y | Y | N | |
| 259-031-012 | RR#11 | CAW - Ryan Ranch #11 | Y | T16S/R1E-01Cd | Y | Y | N | |
| 173-071-056 | Old Main Gate (Lot #12) | Pasadena - New Cities Developme | Y | T16S/R2E-05Mg | Y | Y | N | |
| 173-071-051 | Paddock #1(Lot #11) | Pasadena - New Cities Developme | Y | T16S/R2E-05Mf | Y | N | N | |
| 203-031-034 | 01-349 | York School | Y | T15S/R1E-36Oa | Y | ? | N | |
| 173-071-048 | (new #12) | Laguna Seca Golf Resort | Y | T16S/R2E-06Hb | Y | Y | N | |
| 173-071-048 | (racetrack) | Laguna Seca Golf Resort | Y | T16S/R2E-06Ga | Y | Y | N | |
| Outside MPWMD Boundaries | | | | | | | | |
| 173-011-025, -026 | Cnty Park #3 | MPRPD | Y | T16S/R2E-05Gd | Y | ? | N | |
| 173-011-025, -026 | Cnty Park #4 | MPRPD | Y | T16S/R2E-05Ge | Y | ? | N | |
| | | | | | Y = 38 | N or ? 21 | Y = 16 | N or ? 16 |

EXHIBIT "A"

NOTICE OF REQUEST FOR WATER WELL DATA January 17, 2008

You are receiving this Notice because the Seaside Groundwater Basin Watermaster's records indicate you are the owner or operator of a water well located within the Seaside Groundwater Basin.

The Seaside Groundwater Basin Watermaster (Watermaster) is responsible for enforcing and administering the provisions of the adjudication Decision for the Seaside Groundwater Basin (Basin) located in northern Monterey County, California. This Decision was issued by the Superior Court in Monterey County on March 27, 2006 and amended on February 9, 2007.

Concerns about overpumping of groundwater from the Basin, and the potential for this to lead to seawater intrusion, led to the Court's issuing of the Decision. The Decision requires that certain actions be taken by the Watermaster to preserve and protect the groundwater resources within the Basin. Two of these requirements are:

3. All active and inactive production wells in the basin must have static (i.e., non-pumping) water levels collected and recorded a minimum of once per month.
4. All active production wells in the coastal subareas of the basin must have a water quality sample from each well collected and analyzed by a state-approved (certified) laboratory for the full general inorganic mineral suite a minimum of once per year.

An active production well is defined as any well that has extracted water within the last year for a beneficial use, such as landscape irrigation, commercial uses, or drinking water. An inactive production well is defined as any well that could extract water for a beneficial use, but which has not extracted water within the last year and currently either has an inoperable pump, or no pump at all, and is therefore not currently capable of extracting water for a beneficial use.

The Decision states that it shall be the responsibility of each owner/operator of the well(s) to report water level and quality analytical results to the Watermaster for inclusion of these data in the consolidated groundwater resource database. This database is being developed by the Watermaster pursuant to the Decision.

The check box on the following page shows what our records indicate with regard to receipt of the required data from you for the indicated water well(s) located within the Seaside Groundwater Basin. If the data has not been submitted, you are hereby requested to provide the indicated 2006 and 2007 data to the Watermaster, as well as any prior well data of this type.

Water System Name: _____

Well Name: _____

Well Status: Active Inactive

Required Data to be Submitted: Monthly Static Water Levels Annual Water Quality

Has Data Has Been Submitted to the Watermaster as Required? Yes No

Are There Any Extenuating Circumstances Pertaining to this Well for Which You Believe the Well Should Not be Required to Submit this Data?: Yes No

If the answer to this question is "Yes" please provide a detailed explanation of these circumstances, and why the data cannot, or should not, be submitted:

For ongoing compliance, there are two ways for you to obtain and submit the required data to the Watermaster:

3. Obtain the data yourself, and submit it to the Watermaster. This will likely involve (1) either making the water level measurements yourself, or having another qualified party do this for you, and (2) taking a water quality sample and sending it to a state-approved laboratory for analysis.
4. Have the Watermaster obtain the data for you, and pay the Watermaster for its costs to provide this service.

If you choose to obtain the data yourself, you will need to have the skills and equipment to make the water level measurements, and to collect a representative sample for water quality testing. A brief description of the procedures for performing each of these tasks is contained in Attachment A to this Notice. A listing of the water quality parameters for which the annual water sample must be analyzed are contained in Attachment B. These parameters are standard tests performed by many water quality laboratories. Water level data are to be collected once each month, and are to be submitted to the Watermaster within 15 days after the data are collected. Water quality

sampling is to be performed in September or October, and the water quality results are to be submitted to the Watermaster not later than October 15 of each year. **If you choose to obtain the data yourself, please send written notification of this to the Watermaster not later than January 31, 2008.**

If you choose to have the Watermaster obtain the data on your behalf, you will need to provide written authorization to the Watermaster for this purpose. This can be done by filling out and returning the form contained in Attachment C to this letter, and returning it to the Watermaster along with your check made out in the appropriate amount per well, as described in Attachment C. **If you choose to have the Watermaster obtain the data on your behalf, please complete and return the form in Attachment C, along with your check, to the Watermaster not later than January 31, 2008.** Note: Well owners/operators who are currently collecting this data themselves may also ask to have the Watermaster collect the data for them, under the same terms and conditions set forth in Attachment C.

The Watermaster has been ordered by the Court to provide a report by February 28, 2008 on progress being made to collect the required data. The responses received from each affected well owner/operator will be used in the preparation of that report. Any well owners from whom no definitive response has been received will be noted in that report. Since the Court has the power to impose sanctions on any well owner/operator that does not carry out the requirements contained in the Decision, it is imperative that all affected well owners respond to this Notice.

If you have any questions regarding this Notice, please contact the Seaside Groundwater Basin Watermaster at (831) 641-0113, or by mail at the address shown on the letterhead.

Thank you for your attention to this Notice.

Dewey D. Evans
Chief Executive Officer

Attachments (3)

ATTACHMENT A

OUTLINE OF PROCEDURES TO MEASURE STATIC WATER LEVELS AND TO COLLECT A SAMPLE FOR WATER QUALITY ANALYSIS

Water Level Measurement

An acceptable method for collecting static (i.e., non-pumping) water level measurements is with the use of a coaxial electric water level sounding device, such as shown in Figure 1. All water level measurements must be referenced to a described point at the wellhead. For active production wells, the well must be shut down 24 hours prior to water level measurement to ensure an accurate static water level reading. All measurements should be recorded to the nearest one hundredth of a foot (e.g., depth to water from wellhead reference point = 85.94 feet).

Water Sample Collection

Samples are to be collected for water quality analysis only from active production wells. Active wells have operable pumps and motors, and are therefore able to pump the water that will be used for the water quality analysis. Therefore, no portable or temporary pumping equipment or piping should be necessary.

The volume of water removed from each well prior to sampling is should be at least three casing volumes, consistent with standard sampling protocol. This is accomplished by calculating the casing volume and then running the pump long enough to pump the required pre-sampling volume. This purges the well of water that may have been residing in it for some period of time, so that the sample collected for analysis will represent the current quality of the water being pumped from the underlying aquifer. A representative wellhead configuration for collection of water quality samples is shown in Figure 2.

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. An example of the recordation of field data is provided on the field ground water sampling form in Figure 3.

Once the samples are collected, they are to be sent or taken to a state-certified laboratory for analysis. The laboratory should be contacted to determine the volume of sample they will need to be provided in order to perform the required analyses. The laboratory should also be consulted with regard to proper "chain-of-custody" sample submittal forms, proper sample collection techniques, and suitable sample containers, to ensure that the sample is not contaminated during the sampling process.

Figure 1. Representative Method for Collecting Static Water Level Measurements

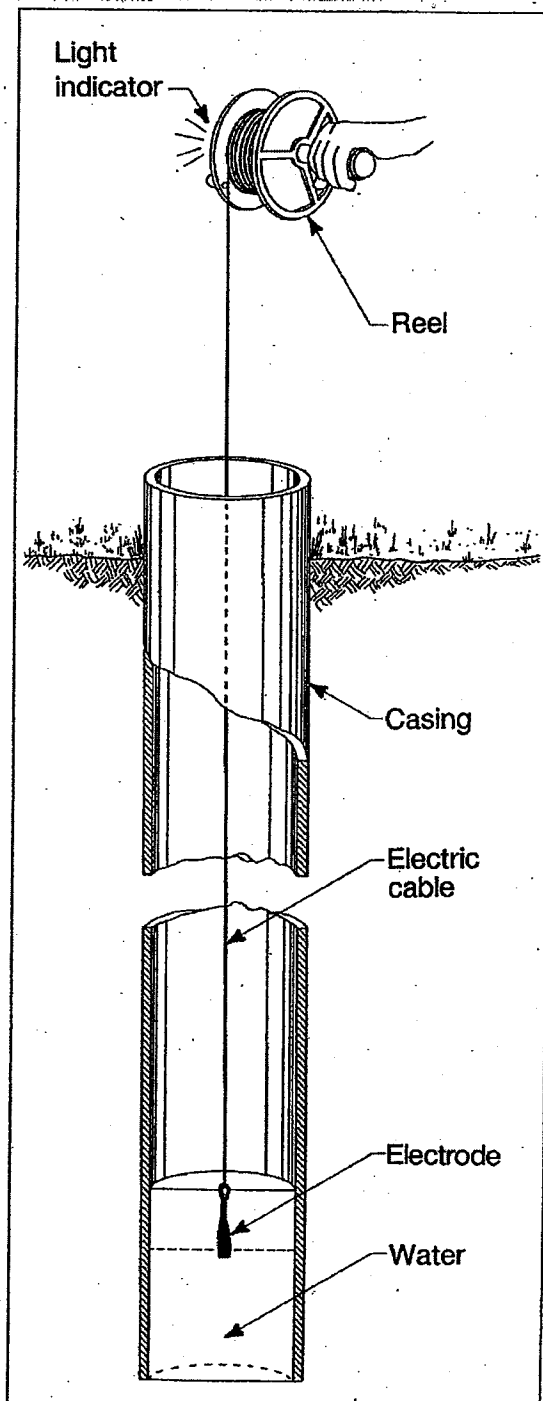


Figure 16.12. Electric sounder for measuring depth to water consists of electrode, two-wire cable, and a light which indicates a closed circuit when electrode touches water.

From: Groundwater and Wells 2nd Ed., 1986, pg. 549.

Figure 2. Representative Wellhead Configuration for Water Quality Sample Collection

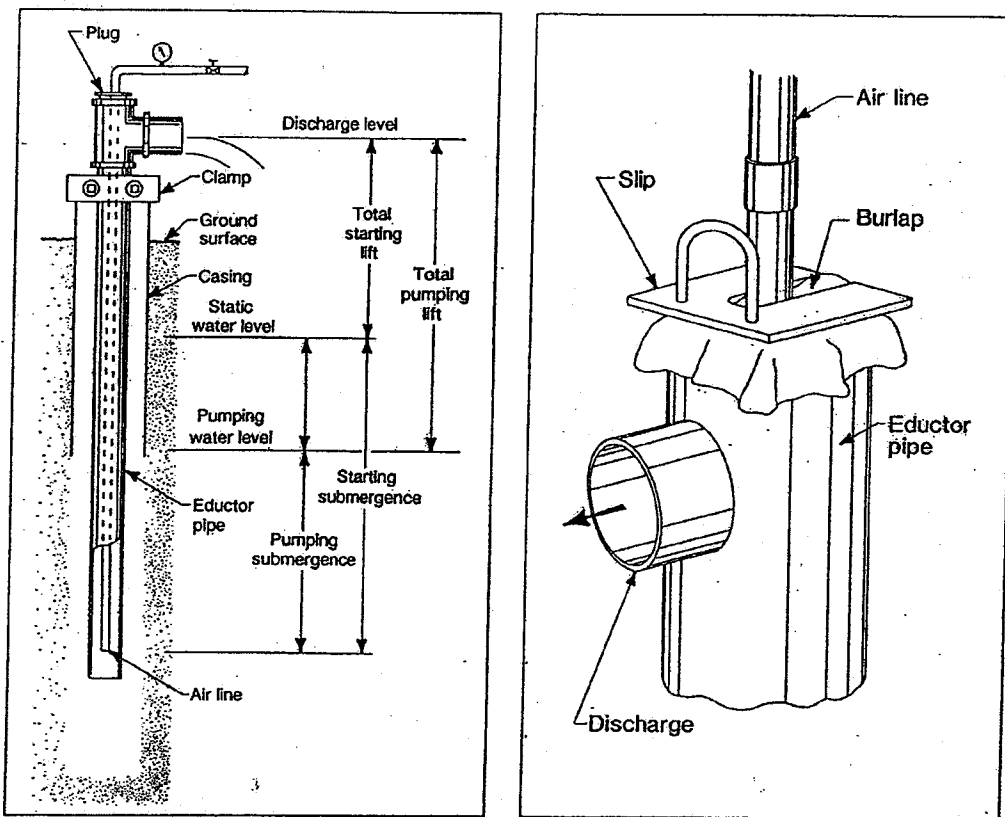


Figure 3. Example Ground Water Data Collection Form



MONTEREY PENINSULA WATER MANAGEMENT DISTRICT

GROUND-WATER SAMPLING FORM

Well No. PCA East - Deep 155/IE-15K4
 Well Type: Monitor Extraction Other _____
 Well Material: PVC St. Steel Other _____
 Date 10/24/2008 Time 1310 hr
 Sampled by Jwo, TLL, TTC (Initials)

Recorded by Joe [Signature] (Signature)

| WELL PURGING | | | | | | | | | | | |
|--|----------------------|--------------------|---------------|---|------------|--|------------|----------------------------|------------|-------|------------|
| PURGE VOLUME | | | | | | PURGE METHOD | | | | | |
| Casing Diameter (D in inches): <input checked="" type="checkbox"/> 2-inch <input type="checkbox"/> 4-inch <input type="checkbox"/> 6-inch <input type="checkbox"/> Other _____ | | | | | | <input type="checkbox"/> Bailor - Type: _____ | | | | | |
| Total Depth of Casing (TD in feet BTOC): <u>710</u> | | | | | | <input type="checkbox"/> Submersible <input type="checkbox"/> Centrifugal <input type="checkbox"/> Bladder; Pump No.: _____ | | | | | |
| Water Level Depth (WL in feet BTOC): <u>89.95</u> | | | | | | <input type="checkbox"/> Other - Type: <u>air lift - 105 lb Sullair compressor</u> | | | | | |
| Number of Well Volumes to be purged (# Vols) <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 10 <input type="checkbox"/> Other _____ | | | | | | PURGE VOLUME SETTING | | | | | |
| | | | | | | <input type="checkbox"/> Near Bottom <input type="checkbox"/> Near Top <input checked="" type="checkbox"/> Other <u>bottom of air line</u> | | | | | |
| | | | | | | Depth in feet (BTOC): _____ Screen Interval in feet (BTOC): from <u>650</u> to <u>700</u> | | | | | |
| PURGE VOLUME CALCULATION | | | | | | | | | | | |
| $\left(\frac{710 - 90}{\text{TD (feet)}} - \frac{90}{\text{WL (feet)}} \right) \times \frac{2^2}{D \text{ (inches)}} \times \frac{3}{\# \text{ Vols}} \times 0.0408 = \frac{304}{\text{Calculated Purge Volume}} \text{ gallons}$ | | | | | | | | | | | |
| PURGE TIME | | | | PURGE RATE | | | | ACTUAL PURGE VOLUME | | | |
| <u>1320</u> Start <u>1411</u> Stop <u>51</u> Elapsed | | | | Initial <u>6+</u> gpm Final <u>6+</u> gpm | | | | <u>306+</u> gallons | | | |
| FIELD PARAMETER MEASUREMENT | | | | | | | | | | | |
| Minutes Since Pumping Began | pH | Cond. (µmhos/cm) | T °C / °F | Other | # gpd | Minutes Since Pumping Began | pH | Cond. (µmhos/cm) | T °C / °F | Other | |
| <u>1320</u> | <u>1</u> | <u>651</u> | <u>66</u> | <u>clr</u> | <u>6</u> | | | | | | |
| <u>1335</u> | <u>15</u> | <u>614</u> | <u>72</u> | <u>"</u> | <u>90</u> | | | | | | |
| <u>1345</u> | <u>25</u> | <u>577</u> | <u>74</u> | <u>"</u> | <u>150</u> | | | | | | |
| <u>1400</u> | <u>40</u> | <u>710</u> | <u>76</u> | <u>"</u> | <u>240</u> | | | | | | |
| <u>1411</u> | <u>51</u> | <u>714</u> | <u>76</u> | <u>"</u> | <u>306</u> | | | | | | |
| Meter Nos. | | | | | | | | | | | |
| Observations During Purging (Well Condition, Turbidity, Color, Odor): <u>slight H₂S odor after 90gal pumped.</u> | | | | | | | | | | | |
| Discharge Water Disposal: <input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Storm Sewer <input checked="" type="checkbox"/> Other <u>directed to swale away from wellhead.</u> | | | | | | | | | | | |
| WELL SAMPLING | | | | | | | | | | | |
| SAMPLING METHOD | | | | | | <input checked="" type="checkbox"/> Same As Above | | | | | |
| <input type="checkbox"/> Bailor - Type: _____ | | | | | | <input type="checkbox"/> Grab - Type: _____ | | | | | |
| <input type="checkbox"/> Submersible <input type="checkbox"/> Centrifugal <input type="checkbox"/> Bladder; Pump No.: _____ | | | | | | <input type="checkbox"/> Other - Type: _____ | | | | | |
| SAMPLE DISTRIBUTION Sample Series: _____ | | | | | | | | | | | |
| Sample No. | Volume/Cont. | Analysis Requested | Preservatives | Lab | Comments | | | | | | |
| <u>- see chain-of-custody record sheet -</u> | | | | | | | | | | | |
| QUALITY CONTROL SAMPLES | | | | | | | | | | | |
| Duplicate Samples | | | | Blank Samples | | | | Other Samples | | | |
| Original Sample No. | Duplicate Sample No. | Type | Sample No. | Type | Sample No. | Type | Sample No. | Type | Sample No. | Type | Sample No. |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

ATTACHMENT B

Listing of the Water Quality Parameters for Which Annual Water Samples Must be Analyzed

The water quality constituents that must be measured and reported for the annual water quality analyses are:

Specific Conductance (micromhos/cm)
Total Alkalinity (as CaCO₃)
pH
Chloride
Sulfate
Ammonia Nitrogen (as NH₃)
Nitrate Nitrogen (as NO₃)
Total Organic Carbon
Calcium
Sodium
Magnesium
Potassium
Iron
Manganese
Orthophosphate
Total Dissolved Solids
Hardness (as CaCO₃)
Boron
Bromide
Fluoride

ATTACHMENT C

Authorization to Have the Watermaster Obtain Well Data

The following is an estimate of the costs the Watermaster anticipates incurring, if it is authorized to collect water level and water quality data from a water well located within the Seaside Groundwater Basin.

Monthly Water Levels - It is estimated that it will take approximately 0.5 hour/well to perform a water level measurement. This time estimate is based on the assumption that the water level measurements will be performed at the time that a field person is already out and about collecting data from other wells, and the fact that the distance between wells located within the Basin is not that great. This labor would be billed at the field rate of \$70/hr, so the estimated cost per water level measurement would be \$35.

The total estimated cost would be \$420 per year per well for 12 monthly measurements.

Annual Water Quality Sampling - Assuming that annual water sample collection would coincide with water level collection at a well, it is estimated that it will take approximately 0.5 hr to collect the water quality sample, including sampling time, bottle labeling, custody forms, delivery to laboratory, etc. There will also be an estimated 0.5 hr for receipt, review and computer entry of laboratory data, and an estimated \$200 per sample for the laboratory analysis. The sampling work would be billed at the field rate of \$70/hr, so the estimated cost per annual water quality sample would be \$70 for labor, and \$200 for laboratory services, for a total cost per sample of \$270. One sample is needed to represent water quality from the fall of 2007, and one for the fall of 2008, so two water quality samples will need to be collected and analyzed in 2008. The sample to represent 2007 water quality will be collected as soon as possible in 2008, most likely at the time the first water level measurement is made. The 2008 sample will be collected in the fall of 2008. Thereafter, only one sample per year will be required.

The total estimated cost for collecting and analyzing the two samples per well in 2008 is \$540.

Combined Water Level Measurements and Water Quality Sampling: For combined water level and water quality monitoring, the total estimated cost, per well, for the initial 12-month period is \$960.

I am the Party responsible for the well(s) described below, and I am empowered to provide this Authorization to the Seaside Groundwater Basin Watermaster. (List all wells to which this authorization applies).

Water System Name (if applicable): _____

Well Name: _____

Well Name: _____

Well Name: _____

I hereby authorize the Seaside Groundwater Basin Watermaster (Watermaster) and/or its agents to perform the services indicated below on my behalf. I agree to pay the Watermaster all of its reasonable costs incurred in the performance of this work. I agree to provide the Watermaster with reasonable access to the well(s) for the purpose of performing these services, and to provide such information and/or assistance as is requested by the Watermaster in order for the Watermaster to perform these services.

I have attached a check made out to the Seaside Groundwater Basin Watermaster in the appropriate amount (based on the estimated costs described on the preceding page) per well, as an advance payment toward the cost of annual collection of data on my well(s). Should the Watermaster's actual costs to perform these services differ from the amount of this advance payment, the Watermaster will either bill me for the additional amount owed, or will refund me the amount of overpayment, whichever is appropriate, at the end of the 12-month period for which these services will be provided.

Services to be Performed by the Seaside Groundwater Basin Watermaster

(Note: The well owner/operator should put a check mark in the box for each service it wishes the Watermaster to provide)

Visit each well site listed above once each month during calendar year 2008 and make a static water level measurement.

Visit each well site listed above twice during calendar year 2008 and collect and analyze one sample at each visit for water quality analysis.

Record and report the data obtained under items 1 and 2 in the Quarterly and/or Annual Reports the Watermaster prepares. Provide a copy of the information collected from the well owner's/operator's well to the well owner/operator.

Signed: _____ Date: _____

(Signature of Responsible Party)

Printed Name of Signatory: _____

Exhibit D

| APN | DETAILS | COMPANY | Watermaster "Producer" Well? | MPWMD Assigned Well # | Monthly Water Levels Required | Monthly Water Levels Being Collected? | Annual Water Quality Analyses Required? | Annual Water Quality Data Being Collected? |
|---------------------------------|---------------------------|----------------------------------|------------------------------|-----------------------|-------------------------------|---------------------------------------|---|--|
| Within MPWMD Boundaries | | | | | | | | |
| 012-432-004 | CAW - Plumas #4 | California American Water Co. | Y | T15S/R1E-27Jg | Y | Y | Y | N |
| 012-843-013 | CAW - Darwin | California American Water Co. | Y | T15S/R1E-23Ea | Y | Y | Y | N |
| 011-041-018 | CAW - Military | California American Water Co. | Y | T15S/R1E-14Nd | Y | Y | Y | N |
| 011-061-004 | CAW - Ord Grove #2 | California American Water Co. | Y | T15S/R1E-23Bc | Y | Y | Y | N |
| 011-071-018 | CAW - New Luzern | California American Water Co. | Y | T15S/R1E-23De | Y | Y | Y | N |
| 011-091-017 | CAW - Playa #3 | California American Water Co. | Y | T15S/R1E-22Bc | Y | Y | Y | N |
| 011-091-017 | CAW - Playa #4 | California American Water Co. | Y | T15S/R1E-22Bf | Y | Y | N | |
| 011-493-028 | CAW - Paralta | California American Water Co. | Y | T15S/R1E-14Ra | Y | Y | Y | N |
| 031-151-010 | Reservoir Well | City of Seaside | Y | T15S/R1E-13Na | Y | ? | Y | N |
| 031-231-062 | Coe Avenue Well | City of Seaside | Y | T15S/R1E-14Ma | Y | ? | Y | N |
| 011-181-014 | Public Works Corp. Yard | City of Sand City | Y | T15S/R1E-22Ed | Y | ? | Y | N |
| 011-011-020 | Cypress Pacific | Monterey Peninsula Engineering | Y | T15S/R1E-22Dd | Y | N | Y | N |
| 011-236-010 | Robinette -Design Ctr. | City of Sand City | Y | T15S/R1E-22Mc | Y | ? | Y | N |
| 011-041-043 | (in front of Target) | DBO Development | Y | T15S/R1E-22Ce | Y | N | N | |
| 011-061-022 | MMP prod well | Mission Memorial Park | Y | T15S/R1E-23Ab | Y | Y | N | |
| 011-061-022 | PRTIW -operated by MMP | Mission Memorial Park | Y | T15S/R1E-23Ac | Y | N | Y | N |
| 011-501-014-500 | | Security National Guaranty, Inc. | Y | T15S/R1E-15K1 | Y | N | Y | N |
| 011-532-005 | | Granite Rock Company | Y | T15S/R1E-22Eb | Y | ? | N | |
| 012-511-005 | Shea Well | City of Del Rey Oaks | Y | T15S/R1E-26Mc | Y | N | N | |
| 012-115-017 | City #4 | Seaside Municipal Water System | Y | T15S/R1E-23Gc | Y | ? | Y | ? |
| 012-653-003 | City #2 | Seaside Municipal Water System | Y | T15S/R1E-23Pb | Y | ? | N | |
| 012-664-017 | City #1 | Seaside Municipal Water System | Y | T15S/R1E-23Lb | Y | ? | N | |
| 012-115-017 | City #3 | Seaside Municipal Water System | Y | T15S/R1E-23Ga | Y | ? | Y | ? |
| 173-071-052 | East Well (Lot #9) | CAW - Bishop Unit | Y | T16S/R2E-05Fa | Y | N | N | |
| 173-072-034 | well lot Bishop #1 (west) | CAW - Bishop Unit | Y | T16S/R2E-05Ea | Y | Y | N | |
| 173-072-041 | well lot Bishop #2 (east) | CAW - Bishop Unit | Y | T16S/R2E-05Fb | Y | Y | N | |
| 416-111-002 | Mutual | CAW - Hidden Hills Unit | Y | T16S/R2E-09Cb | Y | N | N | |
| 416-111-004 | Standex | CAW - Hidden Hills Unit | Y | T16S/R2E-09Cc | Y | N | N | |
| 416-111-004 | Bay Ridge | CAW - Hidden Hills Unit | Y | T16S/R2E-09Cd | Y | Y | N | |
| 259-031-011 | RR#7 | CAW - Ryan Ranch #7 | Y | T15S/R1E-36Nb | Y | Y | N | |
| 259-031-012 | RR#8 | CAW - Ryan Ranch #8 | Y | T16S/R1E-01Cb | Y | Y | N | |
| 259-031-012 | RR#11 | CAW - Ryan Ranch #11 | Y | T16S/R1E-01Cd | Y | Y | N | |
| 173-071-056 | Old Main Gate (Lot #12) | Pasadera - New Cities Developn | Y | T16S/R2E-05Mg | Y | Y | N | |
| 173-071-051 | Paddock #1(Lot #11) | Pasadera - New Cities Developn | Y | T16S/R2E-05Mf | Y | N | N | |
| 203-031-034 | 01-349 | York School | Y | T15S/R1E-36Qa | Y | ? | N | |
| 173-071-048 | (new #12) | Laguna Seca Golf Resort | Y | T16S/R2E-06Hb | Y | Y | N | |
| 173-071-048 | (racetrack) | Laguna Seca Golf Resort | Y | T16S/R2E-06Ga | Y | Y | N | |
| Outside MPWMD Boundaries | | | | | | | | |
| 173-011-025, -025 | Cnty Park #3 | MPPRD | Y | T16S/R2E-05Gd | Y | ? | N | |
| 173-011-025, -025 | Cnty Park #4 | MPPRD | Y | T16S/R2E-05Ge | Y | ? | N | |
| | | | | | Y = 38 | N or ? = 21 | Y = 16 | N or ? = 16 |

Exhibit E

Sesikie Groundwater Basin Watermaster
 Responses as of February 13, 2008 to
 Notice of Request for Water Well Data
 Mailed to Well Owners/Operators January 17, 2008
 Responses Due By January 31, 2008

| Well Owner/Operator | Data Requested | Response Received by Watermaster | Reason Given | Disposition |
|--------------------------------------|-----------------|---|--|--|
| CAW | Level & Quality | CAW will provide the data themselves, and provided the current data for all of their wells as required. | | Data on all of its wells was provided to the Watermaster by the well owner/operator on February 12, 2008, and will continue to be provided on an ongoing basis. |
| City of Sesikie | Level & Quality | The City of Sesikie will provide the data themselves. | | They provided the current water level data for all of their wells as required. They took water quality samples from the required wells on 2/13/08 and will provide the Watermaster the laboratory results on these samples as soon as they receive their results. One of their wells was taken out of service in 2004, and is therefore only required to provide water level data. One of their wells was destroyed i.e. permanently abandoned and is therefore no longer required to provide any data. Data is being provided by the well owner/operator. |
| Granite Rock Company | Water Level | Request for waiver of requirement | Inaccessible for monitoring purposes. | Independent field check of this well by MP/WMD confirmed that the well has been covered over by a concrete slab and is inaccessible. It has also been partially filled with cement, and is thus no longer capable of functioning as a production well. A review of the well monitoring network indicated that sufficient data for this geographic area will be available from other wells that are in close proximity, and therefore no replacement well is needed to provide adequate basin monitoring data in this location. |
| DBO Development | Water Level | Request for waiver of requirement | In practical due to well access configuration. | Independent field check of this well by MP/WMD confirmed that the well is located in an area that has been developed into a shopping center, thus preventing access for monitoring. However, a nearby well that currently is not required to monitor may be suitable as a monitoring well for the Watermaster to include in its Enhanced Monitoring Well Network in order to obtain data at this location. MP/WMD will investigate use of that well for this purpose, and if found to be feasible, will recommend to the Watermaster that that well be added to the Network. |
| City of Del Rey Oaks | Water Level | Request for waiver of requirement | The City's well is not subject to the well monitoring requirements | Investigation by MP/WMD concluded that this well is not a production well, and was drilled for the purposes of determining water quality and the potential for this location to be used to site future production wells. Water quality was found to be poor, and the well was reversed for production purposes. Since this is not a production well, it is not required to provide monitoring data. There are also other wells in this vicinity that will be providing sufficient data for this geographic area. |
| City of San Diego | Level & Quality | Requested that the Watermaster collect the required data in accordance with Attachment C to the Notice | | Upon further review of this well, it was concluded that it was an inactive, not an active, production well therefore only water level data will be required. The Watermaster will obtain the required data and include it into the Watermaster's database. |
| Security National Guaranty | Level & Quality | Requested that the Watermaster collect the required data in accordance with Attachment C to | | The Watermaster will obtain the required data and include it into the Watermaster's database. |
| Calabrese Cypress Pacific Investors) | Level & Quality | Requested that the Watermaster collect the required data in accordance with Attachment C to | | The Watermaster will obtain the required data and include it into the Watermaster's database. |
| Mission Memorial | Level & Quality | No Response | | The Court's assistance in obtaining the required data is being requested by the Watermaster. |
| Paradise | Water Level | Will continue providing data on 2 wells | | |
| Laguna Sea Golf Ranch | Water Level | Request only one well be measured | One well is representative of the other nearby well | Investigation by MP/WMD concluded that the two wells owned/operated by this party as developed in the same aquifer and are in close proximity to each other. Therefore, getting data from just one of the two wells will provide all of the data the Watermaster needs in this location, and party's request was approved. |
| York School | Water Level | Request alternative method for measuring | Method given is impractical due to limited well access | Independent field check of this well by MP/WMD confirmed that the well was constructed in such a configuration that monitoring is not currently possible, and that modifying the wellhead to make monitoring feasible would be potentially costly. Therefore, it was concluded that requiring that this well be monitored was not justified. However, MP/WMD is investigating the cost and feasibility of modifying the wellhead to enable monitoring to be performed. If this is found to be feasible, MP/WMD will recommend that the Watermaster pay the well owner's costs to make these modifications, and then require that the well owner provide this data for use in the Watermaster's database. |
| Monterey County Parks | Water Level | Will provide data themselves | | Data was provided by the well owner/operator, and will continue to be provided on an ongoing basis. |