

**Water Supply Planning Committee  
March 13, 2012**

**Item 4**

## Dave Stoldt

---

**From:** Lee, Kathleen M. 647-7755 <leekm@co.monterey.ca.us>  
**Sent:** Thursday, March 01, 2012 10:46 AM  
**To:** Dave Stoldt  
**Subject:** Invitation to Participate in March 14th Water Forum  
**Attachments:** Water Forum 3 14 12.pdf

Dave,

Supervisor Dave Potter asked that I invite you to participate in the March 14<sup>th</sup> Public Water Forum that will take place from 5-8 pm at the Oldemeyer Center in Seaside, which will be facilitated by Mitch Winick of the Monterey College of Law. Agency's are being asked to prepare a **5 minute** presentation that focuses on the project or projects MPWMD is working on that meets the needs of Order 95-10 and the Cease and Desist Order, timeline and process for the project(s), where the project is at this moment, and what progress has been made since the October 26<sup>th</sup> meeting hosted by the City of Monterey. Ideally, participants will present a **brief one page summary** with the above information to our office by **Friday, March 9<sup>th</sup>** so that we can prepare a meeting packet for the members of the public.

The focus of the meeting is on gathering public input, so public comment will follow presentations from the following invited participants: California American Water, the Monterey Peninsula Regional Water Authority, the Monterey Peninsula Water Management District, the Monterey Regional Water Pollution Control Agency, Deepwater Desal and the People's Moss Landing Water Desal Project.

As a co-host of this important meeting, we hope that you will also send the attached flyer out to those individuals who would be interested in attending the meeting.

Please confirm that MPWMD can participate and who should be listed on the agenda as doing the presentation, and if you have any A/V needs so that we can have the proper equipment available for you. I thank you for your assistance in making this meeting a success. Please do not have any hesitation to contact me if you have any questions.

Kathleen Lee  
Chief of Staff for  
Supervisor Dave Potter  
(831) 647-7755

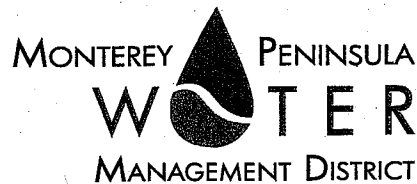
## DRAFT WORKING AGENDA

Public Water Meeting

March 14, 2012 5-8 pm

Oldemeyer Center. Seaside

- I. Introduction (Mitch Winick) 5:10 -5:15
1. Need to update and inform the public
  2. Importance of public input
  3. Process moving forward.
- II. CAW (Rich Svindland, Cal Am) 10 minutes 5:15-5:25
1. 95-10/CDO, including consequences of non-compliance
  2. Demand/project size exercise
  3. Decision-making constraints (timeline, financing, EIR, minimizing risk, etc.)
- III. Presentations - 5 minutes each 5:25 – 6:00
1. Monterey Peninsula Regional Water Authority **Chuck Della Sala** (review purpose)
  2. County **Charles McKee** (explain county's involvement/role)
  3. Deepwater Desal **Brent Constantz, Ph.D** (report progress since Oct. forum, project timeline)
  4. MPWMD **Dave Stoldt** (report progress since Oct forum, project timelines)
  5. MRWPCA **Keith Israel** (report progress since Oct forum, project timeline)
  6. People's Desal **George Schroeder** (report progress since Oct. forum, project timeline)
- IV. Breakout Group Discussions 6:15 – 7:15
- Public to choose what one group discussion to participate in, notes will be taken of comments presented in groups, and summary of each group discussion will be presented to entire gathering.
- |                                  |                                 |
|----------------------------------|---------------------------------|
| 1. Desal project in North Marina | 4. Aquifer Storage and Recovery |
| 2. People's Desal Project        | 5. Groundwater Recharge         |
| 3. DeepWater Desal               | 6. Alternative Solutions        |
- V. Report on Individual Group Discussions, 5 minutes each 7:20 -8:00



March 14, 2012  
Public Water Forum

## Projects Currently Pursued by MPWMD

### Groundwater Replenishment

Modeled after the successful "Water Factory 21" project in Orange County, and its larger and more advanced replacement project, the Groundwater Replenishment project sponsored by the Monterey Regional Water Pollution Control Agency would inject highly purified water from its treatment plant into the Seaside Basin. After meeting time and distance standards, this water could later be recovered for use.

MPWMD has pledged to fund 50% of pay-as-you-go capital costs beginning in FY 2013, and to enter into a MOU with MRWPCA regarding the bond financing, water purchase, and potable water resale. It is expected that the District will issue bonds secured by wholesale water purchases by Cal-Am, backstopped by the District's secure User Fee revenue stream. Expected average yield is expected to be 2,700 to 3,500 AFY.

### Aquifer Storage and Recovery

In Phase 1 of Aquifer Storage and Recovery (District Water Project #1) excess winter flow from the Carmel River is treated, transported and injected into the Seaside Basin via special wells. This water is then taken in the dry season for customer use. Santa Margarita Wells #1 and #2 are complete. Construction on a facilities building is complete, with permanent power installation underway. MPWMD continues coordination with Cal Am regarding system operations and capacity, pipeline easement and ownership/operations. 1,117 AF were injected in Water Year 2011, for a total injection of 4,346 AF since 1998. Expected average yield is 920 AFY.

District Water Project #2 is an expansion or phase 2 of ASR and includes two planned wells at Seaside Middle School. Well #1 is drilled, with production testing complete. Installation of a permanent pump and motor, along with temporary electrical control, is in progress. Construction on Well #2 is planned for 2012-13. Expected average yield is 1,000 AFY.

MPWMD and Cal Am continue to coordinate on needed infrastructure to enable operation of Water Projects #1 and #2 at full capacity, as well as plans for future ASR expansion phases. A third phase, the fifth and sixth wells, are envisioned as a component of the regional desalination project

The District expects to determine additional locations for ASR wells in the Seaside Basin, the Tullarcitos aquifer in Carmel Valley, and other locations. This study will provide guidance for the reallocation of the District's remaining water right 20808-B. Part 1 of the study will identify possible sites for ASR facilities. Part 2 would involve possible test wells and site acquisition. Such sites would be "banked" until additional ASR capacity is needed.

### Desalination

Desalination is treating seawater or brackish water to remove impurities and salts in order to produce drinking water and concentrated effluent. Seawater Reverse Osmosis desalination uses membrane filters for coastal projects. The District has offered to provide technical analysis, CEQA leadership, ownership, and or low-cost public finance, for various desal alternatives. If a Cal-Am facility is the eventual project, the District will endeavor to lend its status to reduce costs through low interest State loans and access to the public finance markets. Even if a large "regional" project moves forward, MPWMD engineers continue to explore desalination feasibility at an abandoned treatment plant on U.S. Navy property at Del Monte Beach as a possible future water supply.