



Presentation Item 11

Update on Development of Water Supply Project Alternatives Including Recycled Water, February-March 2011

March 21, 2011 Regular Meeting
Staff Contact: Henrietta Stern

Dec. 2009 Adopted Strategic Plan and Water Supply Goals

Focus on priority projects:

- Regional water supply project
- MPWMD Water Project 1 (underground storage)
- MPWMD Water Project 2 (expanded storage)
- MPWMD Water Project 3 (local desalination)
- MRWPCA Groundwater Replenishment Project.

Seaside Middle School Test Well –
Water Project 2 (Expanded Storage)



Regional Water Solutions and Partnerships

- Regional Project: CPUC approved project on December 2, 2010.
- Litigation was filed by Ag Land Trust against MCWD and County alleging CEQA violations.
- Initial consultation with Cal-Am consultant re: MPWMD permits for pipeline and related facilities.

Water Project 1 (storage)

- Injection began Dec. 21, 2010 through Jan. 17, 2011; also Feb. 16 – Mar. 16, 2011; on hold due to borderline river flow.
- 387 AF injected this season (3/16/2011).
- Continued work on facilities building, electrical control equipment, and Cal-Am pipeline easement.
- Continued coordination with Cal-Am re: system operation, and pending State Health approval to increase extractions.

Water Project 1 Facility Building Construction, February 24, 2011



Water Project 2 (storage)

- Well #1 pump, motor, valves in progress.
- MPWMD and Cal-Am continue coordination on needed infrastructure for Well #1 and #2 planned next year.
- Cal-Am pipeline to Seaside Middle School well site in progress; also temporary backflush pipeline for Well #1.
- MPWMD and Cal-Am executed reimbursement agreement for Well #1.
- SWRCB water rights permit in progress.
- Project description and hydrology updates in progress for planned CEQA Addendum.

Water Project 3 (local desal)

- District Engineer continues to work with Water Supply Planning Committee to describe three most promising desalination sites in Sand City as well as a site near Naval Postgraduate School.
- Committee members plan to meet with land owners.

Groundwater Replenishment

- Board committees and staff continue to coordinate with MRWPCA regarding the best ways to support the Groundwater Replenishment Project, including public education.

Water Distribution System Permits Update

- Status since February 24, 2011:
- Three new Applications to create a WDS, including two subdivisions.
- No new Pre-Applications.
- Several meetings or calls with potential applicants.
- Assessment of fractured rock wells throughout the District continues, including data mining of about 750 wells.

For More Information

- www.mpwmd.dst.ca.us
- Click on “Meetings”
- Click on “Board Meetings and Agendas”
- Select March 21, 2011