

RPM MEETING: SUMMARY
NASA JET PROPULSION LABORATORY CERCLA SITE

Date/Time: September 25, 2007 / 10:00 AM – 12:30 PM

Location: Foothill Municipal Water District (FMWD) Office

List of Attendees:

- Steve Slaten (NASA)
- Merrilee Fellows (NASA)
- Lewis Mitani (U.S. EPA)
- Michel Iskarous (DTSC)
- Mohammad Zaidi (RWQCB)
- Jeff O'Keefe (DPH)
- Alan Sorsher (DPH)
- Gary Takara (City of Pasadena)
- Roumiana Karakanova (City of Pasadena)
- Bob Hayward (LAWC)
- Christine Borja (Raymond Basin Management Board)
- Nina Jazmadarian (Foothill Municipal Water District [FMWD])
- Chuck Buriel (JPL)
- Judy Novelty (JPL)
- Shem Hawes (Civiltec)
- Nick Amini (Battelle)
- Lori Garner (Battelle)
- Keith Fields (Battelle)

Attachments:

- Agenda
- Presentation slides for the CERCLA Program Update

Summary and Action Items:

Operable Unit 3 Update

- Steve Slaten provided an update on the Lincoln Avenue Water Company (LAWC) system, the City of Pasadena System, and the Additional Investigation. See attached presentation.
- Lincoln Avenue Water Company (LAWC):
 - Bob Hayward indicated that the system was running smoothly and that they have officially switched to Calgon Carbon for activated carbon and ion exchange resin supply/change-outs.
 - Bob Hayward indicated that LAWC will need to shut down one well beginning October 1 due to lack of water rights. Discussion followed.
 - Steve Slaten expressed his desire to maintain operation of both production wells to maximize the effectiveness of groundwater cleanup.
 - Gary Takara indicated he would look into PWP leasing additional water rights to LAWC.
 - Nina Jazmadarian offered to look into the possibility of allowing LAWC to pump water rights associated with FMWD's aquifer storage and recovery program with MWD. Currently have over 2,000 ac-ft.

- Nina Jazmadarian indicated two La Cañada Irrigation District (LCID) production wells will be converted to injection wells as part of the FMWD aquifer storage and recovery program.
- *Action Items:*
 - Gary Takara to evaluate possibility of leasing additional water rights to LAWC.
 - Nina Jazmadarian to evaluate the possibility of providing water rights to LAWC associated with FMWD's aquifer storage and recovery program.
 - Steve Slaten requested update on these action items during the October 2007 RPM teleconference.
- City of Pasadena System:
 - Continued videologging of Windsor Avenue pipelines to be conducted in October and November 2007. Of the 20-30% of the pipelines that have been evaluated so far, most of the pipeline will not need to be replaced.
 - Discussed planned videologging activities and steps taken to ensure safety and notification for those in the area during time of work.
 - Briefly discussed Green Evaluation conducted by NASA/Battelle that explores sustainable practices associated with the City of Pasadena Monk Hill Treatment System (MHTS). Current renewable energy options include solar and in-line microturbines.
 - Alan Sorsher indicated that DHS would require that solar panels placed on the roof of the Windsor Reservoir not block access to the reservoir.
 - Nick Amini presented the preliminary design of the City of Pasadena MHTS. Discussion followed associated with subsequent design reviews, discharge of treated water to the spreading basins, and pump noise mitigation.
 - Steve Slaten firmly stated that the MHTS should be designed to reduce noise.
 - Steve Slaten suggested a subsequent meeting to discuss the technical details of the preliminary design, including well rehabilitation.
- *Action Item:*
 - Next preliminary system design meeting scheduled for December 4, following the regularly scheduled RPM Meeting.
- Sunset Wells Update:
 - Gary Takara reported on the City of Pasadena Sunset Wells and Eastside Wells. See attached presentation for perchlorate graphs. Copelin Well has been repaired. Villa Well is currently out of service for technical reasons.
 - City of Pasadena is currently blending groundwater extracted from the Sunset Well with imported water. Recently revised their blending plan.
 - VOC levels in the newly reopened Copelin Well were much higher than anticipated. The City of Pasadena, under an emergency purchase order with Geoscience will perform a preliminary study (including tracer dye analysis) to evaluate the nature and extent of VOCs.

- Eastside Wells are all ND for perchlorate, except Monte Vista (levels currently at around 5 ppb). Craig Well has had mechanical difficulties and is currently out of service.
- Additional Investigation Update:
 - Steve Slaten indicated that NASA is expecting EPA comments
 - Mohammad Zaidi indicated that RWQCB would have comments in the next couple of weeks.
 - Michel Iskarous indicated that DTSC has a new hydrogeologist working on the JPL project and will arrange a meeting with NASA to brief her on the Additional Investigation.

Public Involvement Update:

- Merrilee Fellows reported on the OU-1 expansion work at JPL, the notification (signs and flyers) associated with upcoming videologging work, updates to the JPL CERCLA Program Website (layouts and search enhancements), the fall 2007 newsletter, interest in meeting with Gabrielino/Tongva, and the planned “ribbon-cutting” ceremony planned for the completion of OU-1 system. See attached presentation.
- Briefly discussed NASA support at the upcoming CUP meetings for City of Pasadena MHTS.

OU-1 Update:

- Steve Slaten provided an update on the OU-1 activities, including the system expansion. See attached presentation.
- System expansion activities are nearing completion

Other Items:

- Steve Slaten provided an update on the submittal of the Second Quarter 2007 Groundwater Monitoring Report (completed September 17), status of the Third Quarter 2007 Sampling, status of the OU-2 well abandonment work, and the Five-Year Review process. See attached presentation.
- DPH indicated that the California perchlorate MCL would become final on October 18. The MCL will be 6 ppb.

Upcoming Meetings:

(Meetings are regularly scheduled for the 4th Tuesday of every month, unless otherwise mentioned):

- Teleconference: Tuesday, October 23 @ 10AM
- In-Person Meeting: Tuesday, December 4 @ 10 AM (Technical meeting for the City of Pasadena MHTS design to follow after lunch break).