

RPM MEETING: SUMMARY
NASA JET PROPULSION LABORATORY CERCLA SITE

Date/Time: December 4, 2007 / 10:00 AM – 12:15 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)
- Tony Zampello (Raymond Basin Management Board)
- Christine Borja (Raymond Basin Management Board)
- Nina Jazmadarian (Foothill Municipal Water District)
- Chuck Buriel (JPL)
- Helene Baribeau (Carollo Engineers)
- Keith Fields (Battelle)
- Nick Amini (Battelle)
- Lori Garner (Battelle)
- Andrew Barton (Battelle)
- David Conner (Battelle)

Attachments:

- Agenda
- Presentation slides

Summary and Action Items:

Operable Unit 3 Update:

- Steve Slaten provided an update on the Lincoln Avenue Water Company (LAWC) system, the proposed City of Pasadena System, and the Additional Investigation. Gary Takara discussed perchlorate concentration trends in the City of Pasadena's Sunset Wells and Eastside Wells.
- Lincoln Avenue Water Company:
 - Bob Hayward indicated that everything was running smoothly and at full production. LAWC is currently in the process of changing out carbon. Reported no problems with bacteria or quality control.
 - Discussed timing of resin and carbon changeouts, 8-11 months and 30 days, respectively. LAWC just finished a resin changeout using CalRes 2109 from Calgon Carbon Corporation.
 - LAWC working with Calgon on options to extend duration between carbon changeouts. Discussed benefits of coal-based vs. coconut-based carbon; duration varies but operational costs are approximately equal (higher cost per pound vs. lower frequency).

- Nearing completion of a new lease between LAWC and the City of Pasadena for water rights. Initial signatures have been obtained. The lease includes 1,000 ac-ft with the option of an additional 1,000 ac-ft. This lease should provide enough water rights for LAWC to continue pumping through the first quarter of 2008.
- City of Pasadena System:
 - Video-logging work is 85-90% complete. This effort is needed to evaluate the condition of over 4,000 feet of pipelines, connecting the four Monk Hill production wells to the Windsor Reservoir. Video-logging activities, which started in mid-October, should be completed this month. The next step is pressure testing.
 - Steve Slaten noted the challenges of video-logging the pipelines and the steps that have been taken to maintain a safe working environment, including hiring the California Highway Patrol to enforce traffic laws.
 - CEQA and CUP processes will move forward after video-logging activities are completed.
 - Mentioned the Green Evaluation being conducted by NASA/Battelle that explores different options for the proposed Monk Hill Treatment Plant to minimize its impact on the environment.
- Sunset Wells Update:
 - Villa Well is currently out of service for mechanical repairs.
 - Investigating elevated VOC levels in Copelin Well. The City hired Geoscience to investigate the elevated VOCs and expects a draft report by mid-December.
 - Briefly discussed the impact of VOC levels in Copelin Well on Prop 50 funding. Jeff O'Keefe stated he is working with DPH on behalf of the City in hopes of holding funding until the VOCs issues have been resolved.
- Additional Investigation Update:
 - Steve Slaten noted that NASA received EPA comments on October 23, 2007 and posted them on the CERCLA website.
 - Michel Iskarous indicated that DTSC comments are forthcoming.
 - Mohammad Zaidi indicated that RWQCB comments are forthcoming.
 - Steve Slaten mentioned that he anticipates a detailed discussion of all comments in the spring.

Public Involvement Update:

- Merrilee Fellows reported on the community involvement activities related to the groundwater cleanup program.
- Summarized accomplishments for the year, including an Open House, two Community Information Sessions, a redesigned newsletter, OU-1 and OU-3 RODs, and closeout of OU-2.
- Discussed recent tours with members of the Altadena, Pasadena, Caltech and Siemens.

- Summarized feedback from JPL employees and community regarding new newsletter format.
- Summarized feedback from JPL and surrounding community regarding video-logging work, and NASA's timely responses to issues they brought up.
- Jeff O'Keefe and Mohammad Zaidi commended NASA on its thorough and well executed community outreach efforts.

OU-1 Update:

- Steve Slaten provided an update on the OU-1 activities (see presentation for mass removal), including the current system expansion.
- System expansion activities are nearing completion. Construction activities are completed, control systems are integrated, the new extraction well is fully functional, and Battelle is currently preparing the new reinjection well to be brought on-line.

Other Items:

- Third Quarter 2007 groundwater monitoring was conducted August 20 to September 14. The report will be submitted in December.
- Fourth Quarter 2007 groundwater monitoring began October 29.
- OU-2 Well Abandonment: NASA is planning to initiate soil vapor extraction and monitoring well abandonment in early 2008.

Upcoming Meetings:

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

- RPM Teleconference: Tuesday, January 22 @ 10AM
- RPM Teleconference: Tuesday, February 26 @ 10AM
- In-Person RPM Meeting: Tuesday, March 25 @ 10AM