



2520 Venture Oaks Way, Suite 250  
Sacramento, CA 95833

Job Name: Muscoy OU Remedial Action  
WA No.: 016-RARA-09J5  
Project Location: San Bernardino, CA  
URS Project No.: 18600069.05010

## MUSCOY 19<sup>th</sup> STREET PLANT/ENCANTO PARK MONTHLY MEETING MINUTES

Date: 04/05/05  
Time From: 0900 - 1230

U.S. Environmental Protection Agency, Region IX  
75 Hawthorne Street  
San Francisco, CA 94105  
Contract No. 68-W-98-225

### Meeting Attendees:

- Kim Hoang/USEPA;
- Dennis Bane/URS; Adam Harvey/URS; Nick Reylek/URS
- Bernard Kersey/SBMWD Bill Bryden/SBMWD; Mike Lowe/SBMWD; Lana Kennerly/SBMWD
- Mark Eisen/Secor

### Meeting Topics:

- Project Construction Status
  - o Treatment Plant – Remaining items are the chlorine injection system, which is not currently able to establish a vacuum to pull in the chlorine gas, and the caustic washing of the carbon vessels. Carbon vessel washing is proceeding at about three vessels per day and should be complete by mid-next week (about 13 April). Bill noted that EW 112 appears to be cleaned up based on most recent samples collected Friday/Saturday. There are also some SCADA/electrical items to complete.
  - o Chlorine Probe – URS previously provided possible alternate chlorine probe to SBMWD. Bill Bryden will send a letter to Kim recommending proceeding with the probe installation. Bill requested that the probe come with two chips.
  - o Current schedule – complete carbon washing and chlorine system troubleshooting by 15 April, start signing off shakedown checklist (URS and SBMWD) the week of 11 April, and continue with shakedown on 18 April.
  - o Punchlist – Kim requested that URS send out the estimated date of completion of each punchlist item and send out to the team.
- Monitoring Well Issues (excluding SCADA)
  - o Sampling – URS baseline sampling being conducted 4 to 15 April.
  - o Transducers– The transducers should be here by 12 April. The cable may be delayed about 2 weeks. The transducers will be installed and communications verified.
  - o Clipboards– URS will hang clipboards for each MW to record actions taken at the MW.
  - o MW Inspection Checklist – Dennis will have the URS crew work on the inspection checklist during sampling.
- Extraction Well Issues (excluding SCADA)
  - o All down-hole transducers are functioning.
  - o SBMWD working on façade houses.
  - o At wells EW-110 and EW-111 the vault lids are too heavy to open and do not seat correctly. SBMWD will replace lids.



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Date: 03/03/05  
Time From: 0900 - 1700

### Meeting Topics Continued:

- Start Up and Long Term O&M Issues
  - Kim – requested that URS start sending out a weekly email to the team highlighting critical items to complete for shakedown and startup.
  - Communications – It was agreed that there would be a daily call between Nick and Mike Lowe to facilitate issues regarding shakedown and startup.
  - Deficiencies noted – Mike Lowe will send Nick emails on items that are not working correctly. He has noted several flow meters that do not function on the carbon vessels.
  - Sand in Carbon Vessels– SBMWD had identified that there is particulates in the top of the carbon vessels from influent sand. SBMWD is troubleshooting to find the source of the particulates.
  - Draft O&M Manual – URS will send 8 hard copies to the SBMWD. SBMWD will return comments to URS by the end of April 2005.
  - Deliverable Tracking Spreadsheet – Kim requested that URS send the deliverable tracking spreadsheet to entire team.
  - SCADA in the O&M Manual– SBMWD requested that only an overview of the SCADA system be included in the O&M Manual. They will provide input for this section with their review comments on the manual.
  - Data– URS to meet with SBMWD operations (Mike Lowe) to determine what operational data URS needs for the one-year operations period.
  
- Quality Control Team
  - No issues.
  
- Community Relations
  - No issues.
  
- Next Meeting
  - Next Technical meeting time was not confirmed. The plan is to have the next meeting during the one-week recovery period prior to startup of the Extraction Wells at one per week.

The minutes of this meeting represent the writer's understanding of the events as discussed. Should an attendees understanding differ, please contact Adam Harvey at (916) 679-2002 or adam\_harvey@urscorp.com. The minutes contained herein will stand if not corrected within ten (10) days of this writing.