



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 19th STREET PLANT/ENCANTO PARK MONTHLY MEETING MINUTES

Date: 10/20/04
Time From: 1430

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

3:00 PM Meeting Attendees:

- Kim Hoang/USEPA; Jackie Lane/USEPA
- Dwayne Deutscher/URS; Matt Dwyer/URS; Adam Harvey/URS; Nick Reylek/URS
- Bob Kemmerle/E2
- Terry Tonn/SBMWD; Mike Lowe/SBMWD

Meeting Topics:

- Project Start Up and Schedule Issues
 - o Wall – Kim requested that SBMWD take sound level measurements to measure impact of the sound walls at 19th Street Treatment Plant. These should be compared to historical measurements.
 - o Sequence of Operations – Dwayne met with Terry, Mike Lowe, and ATSI yesterday to discuss the Sequence of Operations. For the two valves discharging to 1249, one will operate as a flow control valve and the other will be controlled by the control system logic. Additionally, the current pressure sustaining valve that discharges to the reservoir should be changed to operate as a flow control valve. SBMWD desires to have a display panel that shows differential pressure and flow readouts in the pump room at the 19th street treatment plant. Mike Lowe will write down the desired specific functions of each valve/component. He will also update the current version of the Sequence of Operations to include the new desired design. URS will work with Cla-Val to determine correct setup of the valves and will issue a change order request once the updated Sequence of Operations and valve function description is received and reviewed. El-Co/Davis Electric/ATSI will prepare the pricing for the changes. Per Dwayne, ATSI will conduct and complete dry-run testing by the end of the year.
 - o Schedule – Terry will email a copy of his well schedule to Adam for incorporation into the master startup schedule.
 - o Monitoring Wells – Terry noted that there is power to the recorders and monitoring is ongoing. The monitoring wells have been added to the well schedule.
 - o Extraction Wells – EW108 is on schedule; 109 the Edison transformer is on site, block contractor starts on Monday; 110 underground electrical is complete.
 - o Façade Houses – Per Terry, the trusses are on order for all houses.
 - o DHS Permit – Per Terry, SBMWD will receive a conditional DHS permit prior to Yen Tran going on vacation in November and then will receive a final permit in January when the wells and treatment plant operations can be observed in the field.
 - o Carbon – The GAC is on order through Carbon Activated Corporation. The first set of 12 vessels is scheduled for filling starting in mid-February. Later vessels may be filled in pairs as Carbon Activated receives carbon, with final filling by mid-April.
 - o Construction reports – Kim noted that the reports must be timely and completed on a tight schedule. This includes the treatment plant report by URS and the extraction wells report by SBMWD.
 - o Chlorine System – Terry will provide his drawing of the chlorine system modifications to URS. The desired modification is to use the new influent water booster pump to supply water to the new injection system and additionally to the existing chlorine injection system. Once the technical specifics are determined (such as the whether the pump is sized correctly for flow and discharge pressure, and the size of the injectors required) then URS will issue a change order request to El-Co. Kim provided preliminary approval to proceed with the piping modifications during the plant tour this morning.
- Quality Control Team
 - o No issues. Bob Kemmerle requested a copy of the updated Sequence of Operations and the valve function descriptions.



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Meeting Topics Continued:

- Community Relations
 - Kim, Jackie, and Stacy met at 1:00 p.m. to discuss the dedication ceremony.

- Other Issues
 - Encanto Park inspection list to be provided by SBMWD by November 3, 2004.
 - Final inspection for Encanto Park is scheduled for November 17, 2004.

- Next Meeting
 - November 17, 2004 in San Bernardino (SBMWD Classroom)

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.