



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: 8/25/04
Time From: 1400

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

2:00 PM Meeting Attendees:

- Kim Hoang/USEPA
- Dennis Bane/URS; Dwayne Deutscher/URS; Matt Dwyer/URS; Adam Harvey/URS
- Bob Kemmerle/E2
- Bernie Kersey/SBMWD, Bill Bryden/SBMWD, Terry Tonn/SBMWD; Lana Kennerly/SBMWD; Russel Smith/SBMWD
- Mark Eisen/SECOR

Meeting Topics:

- Project Start Up and Schedule Issues
 - Kim asked SBMWD to develop Final Inspection Lists for the GAC vessels, the 19th Street Treatment Plant and the Encanto Park Booster Pump Station. These lists will indicate specific items that will be required for the SBMWD to accept the facilities upon completion of construction. The GAC list is due on 9/3/04 and the other two lists are due on 9/30/04.
 - Differential pressure transducers for each vessel – SBMWD indicated on the GAC vessel “concerns and issues” list received by URS on August 11, 2004, that “absence of pressure differential transducers on each vessel or pair of vessels (system differential will balance throughout the entire system).” The GAC vessel design includes flow meters for each pair of vessels and differential pressure transducers between the influent and effluent headers on the east vessel train and the west vessel train. Dwayne indicated that this topic had been discussed at early design review meetings with SBMWD. Dwayne stated that the transducers would only indicate the differential pressure across the influent and effluent headers and not the individual pairs. Dwayne said that the best indication that backwashing is necessary for an individual pair of vessels is decreased flow rate through the pair of vessels. Terry indicated that if there are SCADA alarms/warning indications based on low flow that indicate the need for backwashing, then flow meters alone may be sufficient. SBMWD will review the need for the differential pressure transducers for each pair of vessels. URS verified that current the system design includes sufficient spare wiring to allow a four-wire differential pressure transducer per pair of vessels.
 - Freeway/RR Bore – URS received one bid on latest solicitation. A conference call was performed on 8/24/04 with EL-C0 and Ayala Boring, Inc. (EL-CO’s Boring sub), URS engineering, and URS purchasing. Ayala will provide backup data for their bid. SBMWD offered to provide information on both a Riverside project and a Muni project that have been performed recently.
 - Treatment Plant Control Logic – Bill indicated that next Monday or Tuesday (8/30 or 8/31) SBMWD would meet with ATSI (Jim Levine) to discuss SCADA and controls issues. Bill indicated that assistance from Paul Schultz of URS might be helpful in developing the sequence of operations. Bill requested that Adam (URS) email the pressure diagrams to him. Hard copies of the treatment system pressure profiles were provided to Bill.
 - Well Schedule – Mark Eisen (Secor) updated the extraction well status and presented an updated schedule. All well equipment is on order. All wells will be ready to run by the end of January 2005 to support the flushing of the treatment plant and carbon vessels. It is estimated that an additional 1,600 gallons of water could be obtained if needed for flushing from the four wells on the west side of Freeway 215 (if the boring is not complete in time for the flushing). ATSI owes Mark a schedule for the monitoring wells SCADA.
 - DHS Permit – Awaiting a letter from Marie (EPA) addressing the NEPA/CEQA issue. Kim noted that CEQA would probably not be addressed in the letter. In addition Mike Lowe has started the 19th Street Treatment Plant Operating Plan, which is also needed prior to submitting the DHS permit application. Bill stated that DHS knows the status of the application. Bill requested a copy of a previous URS CEQA letter. The DHS permit is to be submitted to DHS by 9/30/04.
 - Carbon Procurement – URS submitted a purchase order to Carbon Activated on 8/18/04. There is no current problem with a January 2005 delivery date. A site visit at 19th Street with the carbon vendor will be scheduled in the near future.
 - Dedication Ceremony – Scheduled for March 24, 2005. Kim (EPA) would like to have a video that can be played during the dedication day as was done at previous ceremonies. Bill will have Stacey discuss the previous video with Kim. Kim also mentioned having a display of poster boards showing photos of the construction sequencing.
 - Four-Week Shakedown – Kim requested that SBMWD and URS develop a list of items to accomplish during the shakedown period including responsible parties for each action.



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Report No.:
Date: 7/28/04
Time From:

Meeting Topics Continued:

- Project Construction Status
 - Treatment Plant Expansion – Currently installing architectural sound wall on east and west sides of 19th St. property. No impact to URS construction schedule.
 - Encanto Park– Concrete pads are poured. Iron gate scheduled to arrive prior to 8/31/04.
 - SCE Power to Encanto Park PS – Conduit and transformer pad are in. On schedule.
- Quality Control Team
 - No issues.
- Community Relations
 - Russel (SBMWD) noted that he was informed by a neighbor that a dark pickup truck has showed up after dark several times at 19th Street Treatment plant site. Dennis noted that this might be his sampling personnel returning at the end of the day. Nick will be notified to be aware of the situation.
- Other Issues
 - URS will discuss O&M Manual format at the next meeting. Please review Newmark format and provide any comments / suggestions for Muscoy format.
- Next Meeting
 - September 22, 2004 in San Bernadino (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.