



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 BI-WEEKLY CONSTRUCTION MEETING MINUTES

Report No.: 014
Date: 9/8/04
Time From: 8/26/04 – 9/8/04

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

10:30 AM Meeting Attendees:

- Adam Harvey/URS; Kit Veldman/URS; Nick Reylek/URS
- Bob Kemmerle/E2
- Terry Tonn/SBMWD
- John Wiles/EI-Co

Meeting Topics:

- Construction Schedule
 - Underground electrical in progress at 19th Street plant expansion. Plan to start electrical work for existing 19th Street plant next week.
 - Finished installing sound wall along the West side this week. Plan to start on the East side of the fence next week. Will start drilling posts on Monday at the South East corner. Terry will contact Russell or Stacy this week to inform them that work will start on Monday at the South East corner.
 - URS will schedule a meeting with SBMWD in mid September before adjacent neighbors' block walls are demolished.
 - Wrought iron gates have been installed at Encanto Park. Will start installing the booster pumps this week.
 - The MCC panels have arrived but they do not lock properly. The panels were to be installed at Encanto Park this week, but they will be kept at EI-Co's yard until resolution is determined.
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 - Vault lids are scheduled to arrive 9/8/04. The lids will be installed and backfilled when they arrive. After the lids are installed, can begin mechanical and electrical work for new chlorination system.
 - URS to provide a sketch for new sample location at the effluent standpipe (prior to chlorination). EI-Co to submit pricing after they have received the sketch.
 - EI-Co will contact Schuler to request shop drawings for acoustic panels. If paneling cannot be field cut and is manufactured off site, shop drawings are absolutely necessary. Drawings are required in the specifications.
- Cal Trans Encroachment Permit for Highland Avenue – Application Review Status
 - Ray Behbahani of Caltrans is out for surgery. The plans have been submitted to Cal Trans for review.
 - Adam/Nick will visit Caltrans to get the information for the check request.
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- Miscellaneous Items
 - SBMWD has a draft of the sequence of operations for 19th Street. SBMWD will send the draft out for review.
 - The RR boring contract will be awarded this week. Pre-con meeting scheduled for 9/22. Work scheduled to start approximately 10/27.
 - Terry is still working on the final GAC vessel punch list requested by EPA. Terry will produce final letter at the 9/22/04 meeting. Terry produced 100% design drawing that shows differential pressure transducers on each vessel.
 - Bob will recommend keeping low flow alarm on vessels.
 - Dedication ceremony scheduled for March 24, 2005. This date will not change.
 - Per Nick, lighting will be per plans and specs (in asphalt). The manufacturer would not approve lighting installed in concrete slab.



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Meeting Topics (Cont'd):

□ Slag Discussion

- Kaiser slag is no longer available. TAMCO (Olympic Mills) slag does not meet green book specs and is not available in large quantities (approximately 1,000 tons required for this project). To meet specifications they would have to mix the slag on site, as they keep the fines separately. Terry suggested using crushed miscellaneous base (CMB) recycled materials from Englehoff. It does not meet Class II base materials, but it can be used as miscellaneous base. In agreement with SBWMD, EI-Co will apply a test area of the recycled material for SBWMD to observe.

□ Site Walk

Nick, Adam and Kit performed a site walk of the 19th Street Plant and Encanto Park Booster Station.

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.