



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 014
Date: 6/7/04
Time From: 6/1/04 – 6/4/04

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

Work Performed:

- Satisfactory bacteriological testing results were received for the installed portions of the Backwash Supply Pipeline at the 19th St. Plant.
- El-Co completed installation of the 12-inch diameter bypass pipeline at the 19th St. Plant.
- El-Co completed tie-in of the 12-inch diameter bypass pipeline to the existing 12-inch steel raw water line.
- El-Co began hydrostatic pressure testing and chlorination of the 12-inch diameter bypass pipeline.

Forecasted Work for Next Week:

- El-Co will continue the installation of the 16-inch diameter Effluent Pipeline Flow Control Valve Assemblies at the 19th St. Plant.
- El-Co will conduct bacteriological testing of the 12-inch diameter bypass pipeline at the 19th St. Plant.
- El-Co will replace permanent asphalt pavement at the entrance of the 19th Street Treatment plant at the 19th street entrance and return the gate to operation.
- El-Co will complete the tie-in of the 24-inch influent pipeline lateral into the existing treatment plant system.

Health and Safety:

- El-Co held a tailgate safety meeting on 6/3 to discuss safe work practices and the importance of positive community relations.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- URS delivered the additional informational letter to CalTrans for the driveway entrance off of Highland Avenue Encroachment Permit.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 015
Date: 6/14/04
Time From: 6/7/04 – 6/11/04

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

Work Performed:

- Sampled and received satisfactory bacteriological testing results for the 12-inch Bypass Pipeline at the 19th St. Plant.
- El-Co completed installation of the 16-inch diameter Effluent Pipeline Flow Control Valve Assemblies at the 19th St. Plant.
- El-Co completed placement of Class II road base at the entry to the 19th street plant off of 19th street.
- El-Co completed the tie-in of the 24-inch DIP influent pipeline lateral into the existing treatment plant system at the 19th St. Plant.
- El-Co completed pressure testing, chlorination, and flushing of the south half of the effluent pipeline at the 19th St. Plant.

Forecasted Work for Next Week:

- El-Co will setup temporary construction fence to continue along west property line adjacent to trailer park on the south end at the 19th street plant.
- El-Co will continue removing old existing chainlike fence along west property line.
- El-Co will replace permanent asphalt pavement at the entrance of the 19th Street Treatment plant at the 19th street entrance and return the gate to operation.
- El-Co will replace the curb along the east side of the driveway adjacent the existing plant at the 19th St. Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 6/10 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Caltrans is reviewing the Encroachment Permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 016
Date: 6/21/04
Time From: 6/14/04 – 6/18/04

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

Work Performed:

- El-Co setup temporary construction fence along west property line adjacent to trailer park on the south end at the 19th street plant.
- El-Co completed removing old existing chainlike fence along west property line. Every attempt has been made to keep the Oleanders in place.
- El-Co replaced base coarse asphalt pavement at the entrance of the 19th Street Treatment plant at the 19th street entrance. The gate is ready for SBMWD to replace arms to restore to automatic operation.

Forecasted Work for Next Week:

- El-Co will install the flow meter and pressure-sustaining valve on the existing 16-inch steel effluent line (on the west of the existing pump house) at the 19th street plant.
- El-Co will install Booster Pump No. 5 in the existing pump house at the 19th street plant.
- US Filter will install west side carbon vessel train at the 19th street plant.
- El-Co will install the belowground surge tank pipeline to the influent pipeline at Encanto Park.

Health and Safety:

- El-Co held a tailgate safety meeting on 6/17 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Caltrans is reviewing the Encroachment Permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant.
- Southern California Edison is in process of designing electrical service supply routing for Encanto Park. Receipt of design drawings is anticipated the week of June 21.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 017
Date: 6/28/04
Time From: 6/21/04 – 6/25/04

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

Work Performed:

- El-Co began the installation of the flow meter and pressure-sustaining valve on the existing 16-inch steel effluent line (on the west of the existing pump house) at the 19th street plant.
- El-Co installed Booster Pump No. 5 in the existing pump house at the 19th street plant.
- US Filter installed the west side carbon vessel train at the 19th street plant.
- El-Co installed the belowground surge tank pipeline connecting to the influent pipeline at Encanto Park.
- El-Co constructed the below ground portion of the revised manhole #4 on the Spent Backwash Collection System.

Forecasted Work for Next Week:

- El-Co will complete the installation the flow meter and pressure-sustaining valve on the existing 16-inch steel effluent line (on the west of the existing pump house) at the 19th street plant.
- US Filter will complete the anchoring of the GAC vessels at the 19th street plant.
- URS will perform inspections on the installation of the GAC vessels.
- El-Co will construct the replacement concrete curb on the west side of the existing 19th Street Plant driveway adjacent to the existing pump house.

Health and Safety:

- El-Co held a tailgate safety meeting on 6/24 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- The installation of the underground electrical components at Encanto Park is being delayed due to Southern California Edison's process of designing the electrical service supply routing.

Other Important Situations and Decisions:

- CalTrans is reviewing the Encroachment Permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant. URS has left messages for CalTrans in an effort to obtain permit application review status.
- Southern California Edison is in process of designing electrical service supply routing for Encanto Park. URS received preliminary information from Southern California Edison regarding the size of the underground vault that will be required at Encanto Park. URS is still awaiting the receipt of design drawings.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 018 (Revised)
Date: 7/2/04
Time From: 6/28/04 – 7/2/04

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

Work Performed:

- EI-Co continued the installation of the flow meter and pressure-sustaining valve on the existing 16-inch steel effluent line (on the west of the existing pump house) at the 19th street plant.
- EI-Co replaced the concrete curb on the west side of the existing driveway at the 19th street plant.
- EI-Co initiated excavation for underground electrical components at the Encanto Park booster station.
- EI-Co completed installation of the canal valve at manhole No. 4 on the spent backwash system at 19th street plant.
- US Filter completed the installation of the east and west side carbon vessel anchor bolts at the 19th street plant.
- US Filter began repairs to the internal carbon vessel coatings at the 19th Street plant.

Forecasted Work for Next Week:

- EI-Co will make the tie-in of the 16-inch pressure sustaining valve and flow meter to the existing 24-inch effluent line at 19th street plant.
- EI-Co will install concrete vaults for the effluent pipeline at 19th street.
- EI-Co will continue electrical underground component installation at Encanto park.
- US Filter will continue internal coating repairs on the vessels at the 19th street plant.

Health and Safety:

- EI-Co held a tailgate safety meeting on 7/1 to discuss safe work practices.
- URS personnel noted that the coating repair subcontractor was not using proper confined space entry precautions during coating repairs on the carbon vessels. URS requested that subcontractor not re-enter the vessels until a review was completed of the subcontractor's confined space program. This review was completed by URS and the subcontractor was notified to follow its program, prior to re-entering the vessels, including monitoring tank atmosphere prior to entering and continuously while working in the vessel, using the checklist and permit in their program, using an attendant, and using a tether.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- CalTrans is reviewing the Encroachment Permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant.
- Southern California Edison provided design drawings for electrical service supply routing for Encanto Park.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 019
Date: 7/9/04
Time From: 7/5/04 – 7/9/04

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

Work Performed:

- EI-Co completed the installation of the flow meter and pressure-sustaining valve on the existing 16-inch steel effluent line (on the west of the existing pump house) at the 19th street plant.
- EI-Co installed the concrete bases for the effluent pressure sustaining valve vault and the chlorine injection vault at the 19th street plant.
- EI-Co continued underground electrical component work at the Encanto Park booster station.
- EI-Co completed the underground piping and tap for the irrigation system at Encanto Park booster station.
- EI-Co base paved the driveway along the east side of the reservoir at the 19th Street plant.
- US Filter continued repairs to the internal carbon vessel coatings at the 19th Street plant.
- The URS coating inspector monitored internal carbon vessel coating repair methods.

Forecasted Work for Next Week:

- EI-Co will begin installing the effluent pipeline pressure sustaining valves and flow meter in the new concrete vaults.
- EI-Co will continue electrical underground component installation at Encanto park.
- US Filter will continue internal coating repairs on the vessels at the 19th street plant.

Health and Safety:

- EI-Co held a tailgate safety meeting on 7/8 to discuss safe work practices.
- The coating repair subcontractor implemented confined space entry precautions during coating repairs on the carbon vessels and continued work.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- CalTrans reviewed the encroachment permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant. A requirement will be right-turn only into the plant and out of the plant. Information is needed from the city traffic department on signage requirements so that the encroachment permit drawing can be revised and re-submitted to SBMWD for approval, and then re-submitted to CalTrans.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 020
Date: 7/16/04
Time From: 7/12/04 – 7/16/04

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

Work Performed:

- El-Co continued underground electrical component work at the Encanto Park booster station.
- El-Co Backfilled electrical underground (west half) at Encanto Park booster station.
- El-Co chlorinated, pressure tested, and flushed the north half of the effluent pipeline at 19th Street plant.
- El-Co Backfilled and compacted the bypass vault at 19th Street plant.
- El-Co installed chlorine injection point and 30-inch flow meter in the chlorination vault at 19th Street plant.
- El-Co installed the piping for the pressure sustaining valves in the new pressure sustaining concrete vault at 19th Street plant.
- US Filter continued repairs to the internal carbon vessel coatings at the 19th Street plant.

Forecasted Work for Next Week:

- El-Co will install the pressure sustaining valves in the new pressure sustaining concrete vault at 19th Street plant.
- El-Co will continue electrical underground component installation at Encanto Park booster station.
- El-Co will continue the installation of the flow meter and pressure-sustaining valve on the existing 16-inch steel effluent line (on the west of the existing pump house) at the 19th street plant.
- URS Coating QA/QC subcontractor and US Filter will conduct inspections on the carbon vessels' internal coatings

Health and Safety:

- El-Co held a tailgate safety meeting on 7/15 to discuss safe work practices.
- The coating repair subcontractor continued to implement confined space entry precautions during coating repairs on the carbon vessels and continued work.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Encroachment permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant: Caltrans completed their review of the application. Signs for no left turn into the plant and out of the plant were requested by CalTrans. URS will research Federal Highway Administration requirements on signage so that the encroachment permit drawing can be revised and re-submitted to SBMWD for approval, and then re-submitted to CalTrans.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 021
Date: 7/23/04
Time From: 7/19/04 – 7/23/04

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

Work Performed:

- El-Co began the installation of the pressure sustaining valves in the new pressure sustaining concrete vault at 19th Street plant. The west side valve was completed.
- Edison completed inspection of the underground electrical vault at the Encanto Park Booster Pump Station.
- El-Co completed electrical underground conduit installation at the Encanto Park Booster Pump Station.
- El-Co completed the installation of the flow meter and pressure-sustaining valve on the existing 16-inch steel effluent line (on the west of the existing pump house) at the 19th street plant.
- URS Coating QA/QC subcontractor and US Filter completed final inspections on the carbon vessels' internal coatings. Internal coatings have been approved.
- Began the second phase of the installation of the new sound wall, beginning in the northeast side of the 19th Street Plant.
- Began the grouting of the GAC vessel header piping concrete supports.
- El-Co performed rough grading between the GAC vessel pads to prepare for installation of the catch basins.

Forecasted Work for Next Week:

- El-Co will complete the installation of the pressure sustaining valves in the new pressure sustaining concrete vault at 19th Street plant.
- Continue the new sound wall installation on northeast side of the 19th Street Plant.
- Continue the grouting of the GAC vessel header piping concrete supports.
- El-Co will complete the backfilling of the underground electrical installations at the Encanto Park Booster Pump Station.
- Begin construction of concrete pipe supports for the aboveground flow meter and pressure sustaining valves on the Effluent Laterals.
- Continue construction of the Anti-Siphon Loop on the Effluent Pipeline at the 19th Street Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 7/22 to discuss safe work practices.
- The coating repair subcontractor continued to implement confined space entry precautions during coating repairs on the carbon vessels and completed the work.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Encroachment permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant: URS continued to prepare modifications to the drawings per Cal Trans comments.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 022
Date: 7/30/04
Time From: 7/26/04 – 7/30/04

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

Work Performed:

- El-Co completed the installation of the pressure sustaining valves in the new pressure sustaining concrete vault at 19th Street plant.
- The new sound wall installation continued on northeast side of the 19th Street Plant.
- The grouting of the GAC vessel header piping concrete supports was completed. Began the grouting of the GAC vessel support legs.
- El-Co completed the backfilling of the underground electrical installations at the Encanto Park Booster Pump Station.
- El-Co began construction of concrete pipe supports for the aboveground flow meter and pressure sustaining valves on the Effluent Laterals.
- El-Co completed construction of the Anti-Siphon Loop on the Effluent Pipeline at the 19th Street Plant.
- El-Co completed the grading at Encanto Park in preparation for the construction of the concrete slabs.

Forecasted Work for Next Week:

- Continue the new sound wall installation on northeast side of the 19th Street Plant.
- Continue the grouting of the GAC vessel support legs.
- Begin construction of the formwork for the concrete slabs at the Encanto Park Booster Pump Station.
- Continue construction of concrete pipe supports for the aboveground flow meter and pressure sustaining valves on the Effluent Laterals.
- Begin excavation for the installation of the catch basin for the Spent Backwash Collection System.

Health and Safety:

- El-Co held a tailgate safety meeting on 7/29 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Encroachment permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant: URS completed the modifications to the drawings per Cal Trans comments and sent them to the City for signing and stamping. Cal Trans requested that we wait until the week of 8/16 to deliver the modified drawings for issuance of the permit.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 023
Date: 8/6/04
Time From: 8/2/04 – 8/6/04

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

Work Performed:

- The new sound wall installation continued on northeast side of the 19th Street Plant.
- Began the grouting of the GAC vessel support legs.
- El-Co continued construction of concrete pipe supports for the aboveground flow meter and pressure sustaining valves on the Effluent Laterals.
- Completed construction of the formwork for the concrete slabs at the Encanto Park Booster Pump Station.
- Completed excavation for the installation of the catch basin for the Spent Backwash Collection System.
- Started concrete placement for pump and equipment concrete slabs at Encanto Park Booster Pump Station.
- Completed new 24" DIP effluent pipeline lateral tie in to the existing plant steel effluent pipeline.
- Excavated and set steel rebar for anti-siphon loop concrete pad.

Forecasted Work for Next Week:

- Continue setting the panels for the new sound wall installation on northeast side of the 19th Street Plant.
- Start layout of sound wall on west side of project.
- Continue the grouting of the GAC vessel support legs.
- Continue construction of concrete pipe supports for the aboveground flow meter and pressure sustaining valves on the Effluent Laterals.
- Start electrical underground at 19th street plant.
- Set forms for anti-siphon loop concrete pad.
- Complete concrete placement for pump and equipment concrete slabs at Encanto Park Booster Pump Station.

Health and Safety:

- El-Co held a tailgate safety meeting on 8/5 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Encroachment permit application for the driveway entrance off of Highland Avenue at the 19th St. Plant: URS completed the modifications to the drawings per Cal Trans comments and sent them to the City for signing and stamping. Cal Trans requested that we wait until the week of 8/16 to deliver the modified drawings for issuance of the permit. City needs to submit one set of plans with both City Engineer and SBMWD stamps and approval signatures.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 024
Date: 8/13/04
Time From: 8/9/04 – 8/13/04

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

Work Performed:

- El-Co continued setting the panels for the new sound wall installation on the northeast side of the 19th Street Plant. The sound wall installation on the west side of the 19th St. Plant was started with the drilling of concrete pier foundations.
- El-Co began the installation of underground electrical conduits at the 19th St. Plant.
- El-Co completed the construction of the concrete pads at Encanto Park Booster Pump Station.
- El-Co continued work on the catch basin installations for the Spent Backwash Collection System at the 19th St. Plant.
- The Surge Relief Vessel was installed at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue setting the panels for the new sound wall installation on northeast side, and will continue drilling concrete pier foundations on the west side of the 19th Street Plant.
- Continue the grouting of the GAC vessel support legs at the 19th St. Plant.
- Continue construction of concrete pipe supports for the aboveground flow meter and pressure sustaining valves on the Effluent Laterals at the 19th St. Plant.
- Continue electrical underground installations at the 19th St. Plant.
- Set forms for anti-siphon loop concrete pad.

Health and Safety:

- El-Co held a tailgate safety meeting on 8/12 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- ATSI, Inc., the SCADA system subcontractor, has stated that they cannot perform any more work on the project until the City provides a Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. ATSI cannot begin to evaluate potential delays to their programming efforts until this operational sequence information is received and reviewed by them.
- Encroachment Permit for Highland Avenue Update: The City provided one set of plans with both City Engineer and SBMWD stamps and approval signatures to URS. Per Cal Trans request, these plans will be delivered to Cal Trans on Tuesday 8/17 for processing of the Encroachment Permit.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 025
Date: 8/20/04
Time From: 8/16/04 – 8/20/04

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

Work Performed:

- El-Co continued setting the panels for the new sound wall installation on the northeast side of the 19th Street Plant. The sound wall installation on the west side of the 19th St. Plant was continued with the drilling of concrete pier foundations.
- El-Co completed the construction of concrete pipe supports for the aboveground Flow Meter and Pressure Sustaining Valves on the Effluent Laterals at the 19th St. Plant.
- El-Co completed the construction of the Anti-Siphon Loop concrete pad at the 19th St. Plant.
- El-Co continued electrical underground installations at the 19th St. Plant.
- El-Co completed the pipeline tie-ins for the Effluent, Influent and Backwash Supply Pipelines at the GAC Vessel concrete pad locations at the 19th St. Plant.
- El-Co completed the installation of the catch basins for the Spent Backwash Collection System at the 19th St. Plant.

Forecasted Work for Next Week:

- El-Co will continue setting the panels for the new sound wall installation on northeast side and on the west side of the 19th Street Plant.
- Continue the grouting of the GAC vessel support legs at the 19th St. Plant.
- Continue electrical underground installations at the 19th St. Plant.
- Begin the installation of the wrought iron fence and gates at the Encanto Park Booster Pump Station.

Health and Safety:

- El-Co held a tailgate safety meeting on 8/19 to discuss safe work practices.
- The existing 19th St. Plant had a minor chlorine gas release from a pressure relief valve on 8/18. Nick Reylek stopped work and contacted Terry Tonn to address the alarm condition.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- ATSI, Inc., the SCADA system subcontractor, has stated that they cannot perform any more work on the project until the City provides a Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. ATSI cannot begin to evaluate potential delays to their programming efforts until this operational sequence information is received and reviewed by them.
- Encroachment Permit for Highland Avenue Update: URS is assembling the final application package and procuring the permit fee check for submittal of the application to Cal Trans.



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MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 026
Date: 8/27/04
Time From: 8/23/04 – 8/27/04

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

Work Performed:

- El-Co continued setting the posts and panels for the new sound wall installation on northeast side and on the west side of the 19th Street Plant.
- El-Co completed the grouting of the GAC vessel support legs at the 19th St. Plant.
- El-Co continued electrical underground installations at the 19th St. Plant.
- El-Co began the installation of the pipe support straps for the GAC filter header piping at the 19th St. Plant.

Forecasted Work for Next Week:

- El-Co will continue electrical underground installations at the 19th St. Plant.
- El-Co will continue setting the posts and panels for the new sound wall installation on northeast side and on the west side of the 19th Street Plant.
- Installation of the wrought iron fence and gates at the Encanto Park Booster Pump Station.
- Complete the construction of the 30-inch diameter By-Pass Vault, the Chlorine Injection Vault, and the Pressure Sustaining Valve Vault at the 19th St. Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 8/26 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- ATSI, Inc., the SCADA system subcontractor, has stated that they cannot perform any more work on the project until the City provides a Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. ATSI cannot begin to evaluate potential delays to their programming efforts until this operational sequence information is received and reviewed by them.
- Encroachment Permit for Highland Avenue Update: URS has assembled the final application package and is procuring the permit fee check for submittal of the application to Cal Trans.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 027
Date: 9/7/04
Time From: 8/30/04 – 9/3/04

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

Work Performed:

- El-Co continued electrical underground installations at the 19th St. Plant.
- El-Co continued setting the posts and panels for the new sound wall installation on northeast side and on the west side of the 19th Street Plant.
- El-Co completed the installation of the wrought iron fence and gates at the Encanto Park Booster Pump Station.
- El-Co completed the installation of the tie down straps for GAC vessel header pipelines at the 19th St. Plant.

Forecasted Work for Next Week:

- El-Co will continue electrical underground installations at the 19th St. Plant.
- El-Co will continue setting the posts and panels for the new sound wall installation on northeast side and on the west side of the 19th Street Plant.
- Complete the construction of the 30-inch diameter By-Pass Vault, the Chlorine Injection Vault, and the Pressure Sustaining Valve Vault at the 19th St. Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 9/2 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- ATSI, Inc., the SCADA system subcontractor, has stated that they cannot perform any more work on the project until the City provides a Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. ATSI cannot begin to evaluate potential delays to their programming efforts until this operational sequence information is received and reviewed by them.
- Encroachment Permit for Highland Avenue Update: URS has submitted the final application package to Cal Trans and is procuring the permit fee check for submittal to Cal Trans.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 028
Date: 9/13/04
Time From: 9/7/04 – 9/10/04

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

Work Performed:

- El-Co continued electrical underground installations at the 19th St. Plant.
- El-Co continued setting the posts and panels for the new sound wall installation on northeast side and on the west side of the 19th Street Plant.
- El-Co completed the construction of the 30-inch diameter By-Pass Vault, the Chlorine Injection Vault, and the Pressure Sustaining Valve Vault at the 19th St. Plant.
- El-Co installed the three booster pumps at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue electrical underground installations at the 19th St. Plant.
- El-Co will continue setting the posts and panels for the new sound wall installation on northeast side and on the west side of the 19th Street Plant.
- Complete backfill and compaction around new vault installations at the 19th St. Plant.
- El-Co will begin the installation of the above ground discharge header piping at the Encanto Park Booster Pump Station.

Health and Safety:

- El-Co held a tailgate safety meeting on 9/9 to discuss safe work practices.

Community Relations:

- Nick Reylek spoke with Russell Smith on 9/10 to provide an update on sound wall installation progress. Russell will make a site visit on 9/13 to review progress and perhaps make contact with the homeowners.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- ATSI, Inc., the SCADA system subcontractor, has stated that they cannot perform any more work on the project until the City provides a Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. ATSI cannot begin to evaluate potential delays to their programming efforts until this operational sequence information is received and reviewed by them.
- Encroachment Permit for Highland Avenue Update: URS has submitted the final application package to Cal Trans and URS is awaiting the permit to be issued so that URS can pay the correct fee for the permit.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 029
Date: 9/17/04
Time From: 9/13/04 – 9/17/04

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

Work Performed:

- El-Co continued electrical underground installations at the 19th St. Plant.
- El-Co continued setting the posts and panels for the new sound wall installation on east side and on the west side of the 19th Street Plant.
- El-Co completed backfill and compaction around new vault installations at the 19th St. Plant.
- El-Co began the installation of the above ground discharge header piping at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue electrical underground installations at the 19th St. Plant.
- El-Co will continue setting the posts and panels for the new sound wall installation on east side and on the southwest side of the 19th Street Plant.
- El-Co will continue the installation of the above ground discharge header piping at the Encanto Park Booster Pump Station.

Health and Safety:

- El-Co held a tailgate safety meeting on 9/16 to discuss safe work practices.

Community Relations:

- Russell Smith conducted a site visit on 9/13 to review progress of sound wall installation and made contact with the homeowner on the southeast corner of the 19th St. Plant to inform them of the construction activities. Homeowner was receptive and pleased with the communication.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Bill Bryden provided URS with the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station on 9/13. URS engineering staff is reviewing this document.
- Encroachment Permit for Highland Avenue Update: Ray Behbahani with Cal Trans informed Nick Reylek that Cal Trans has mailed the Encroachment Permit to the SBMWD. Nick has checked with SBMWD and the permit has not been received as of 9/17. Nick is continuing to follow up on the permit's whereabouts.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 030
Date: 9/24/04
Time From: 9/20/04 – 9/24/04

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

Work Performed:

- El-Co continued electrical underground installations at the 19th St. Plant.
- El-Co continued setting the posts and panels for the new sound wall installation on east side and on the southwest side of the 19th Street Plant.
- El-Co continued the installation of the above ground discharge header piping at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue electrical underground installations at the 19th St. Plant.
- El-Co will continue setting the posts and panels for the new sound wall installation on east side of the 19th Street Plant.
- El-Co will continue the installation of the above ground discharge header piping at the Encanto Park Booster Pump Station.

Health and Safety:

- El-Co held a tailgate safety meeting on 9/23 to discuss safe work practices.

Community Relations:

- Nick spoke with Russell Smith on 9/23 to continue discussions regarding homeowner notifications on the progress of the sound wall installation at the 19th St. Plant.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Bill Bryden is reviewing URS' comments regarding the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station.
- Encroachment Permit for Highland Avenue Update: Nick has received the permit and has provided the information to URS engineering so that the check can be issued for the permit. The companion permit is being applied for by El-Co.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 031
Date: 10/1/04
Time From: 9/27/04 – 10/1/04

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

Work Performed:

- El-Co completed electrical underground installations at the 19th St. Plant.
- El-Co continued setting the posts and panels for the new sound wall installation on east side of the 19th Street Plant.
- El-Co completed the installation of the above ground discharge header piping at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will begin the aboveground electrical installations at the 19th St. Plant.
- El-Co will continue setting the posts and panels for the new sound wall installation on east side of the 19th Street Plant.
- Edison to begin the electrical underground installation at the Encanto Park Booster Pump Station.
- Begin the acoustical panel installation inside the existing pump station at the 19th Street Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 9/30 to discuss safe work practices.

Community Relations:

- Russell Smith met with Andy Brown on 9/28 to review the progression of the sound wall installation around his residence at the 19th St. Plant.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Bill Bryden is reviewing URS' comments regarding the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station.
- Encroachment Permit for Highland Avenue Update: Nick has received the permit and has provided the information to URS engineering so that the check can be issued for the permit. The companion permit is being applied for by El-Co.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 032
Date: 10/8/04
Time From: 10/4/04 – 10/8/04

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

Work Performed:

- El-Co began the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co continued setting the posts and panels for the new sound wall installation on east side of the 19th Street Plant.
- Edison began the electrical underground installation at the Encanto Park Booster Pump Station.
- Schuler began the acoustical panel installation inside the existing pump station at the 19th Street Plant.
- El-Co began the installation of the chlorine injection system at the 19th St. Plant.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant.
- El-Co will continue setting the posts and panels for the new sound wall installation on east side and will begin the demolition of the residential walls along the south side of the 19th Street Plant.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- Continue the acoustical panel installation inside the existing pump station at the 19th Street Plant.
- Continue the installation of the chlorine injection system at the 19th St. Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 10/7 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Bill Bryden and Mike Lowe are reviewing the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. This document needs to be finalized in order to avoid potential schedule delays.
- Encroachment Permit for Highland Avenue Update: Nick has received the check from URS procurement and will deliver the check to Cal Trans. The companion permit will be applied for by El-Co at the same time the URS check is delivered to Cal Trans.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 033
Date: 10/15/04
Time From: 10/11/04 – 10/15/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co completed setting the posts and panels for the new sound wall installation on east side of the 19th Street Plant, and completed the demolition of the residential block wall and chain link fencing along the south side of the 19th St. Plant. Installation of sound wall fence posts began along the south side of the 19th St. Plant.
- Edison continued the electrical underground installation at the Encanto Park Booster Pump Station.
- Schuler continued the acoustical panel installation inside the existing pump station at the 19th Street Plant.
- El-Co continued the installation of the chlorine injection system at the 19th St. Plant.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co will continue setting the posts and panels for the new sound wall installation on south side of the 19th Street Plant.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- Continue the acoustical panel installation inside the existing pump station at the 19th Street Plant.
- Continue the installation of the chlorine injection system at the 19th St. Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 10/14 to discuss safe work practices.

Community Relations:

- Russell Smith conducted a site visit on 10/14 to observe sound wall installation progress. Residents are content with progress of work.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Bill Bryden and Mike Lowe are reviewing the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. This document needs to be finalized in order to avoid potential schedule delays.
- Encroachment Permit for Highland Avenue Update: Nick will deliver the permit fee check, and El-Co will submit the companion permit to Cal Trans on Monday 10/18.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 034
Date: 10/22/04
Time From: 10/18/04 – 10/22/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co completed the installation of sound wall fence posts and panels along the south side of the 19th St. Plant.
- Schuler continued the acoustical panel installation inside the existing pump station at the 19th Street Plant.
- El-Co continued the installation of the chlorine injection system at the 19th Street Plant.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- Continue the acoustical panel installation inside the existing pump station at the 19th Street Plant.
- Continue the installation of the chlorine injection system at the 19th St. Plant.
- Installation of the sample vault at the Encanto Park Booster Pump Station.

Health and Safety:

- El-Co held a tailgate safety meeting on 10/21 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- SBMWD requested that the new chlorine injection booster pump be connected to the existing SBMWD chlorine injection system. URS engineers are reviewing the pump's capacity to ensure that it will handle the load. EPA gave verbal approval for El-Co to continue with the appropriate piping modifications with URS keeping track of additional costs via force account paperwork. URS will follow up with contractual change order paperwork. SBMWD will coordinate the existing chlorine injection system shut down and their own piping modification work to coincide with El-Co's work.

Delays Encountered:

- Field work did not occur on 10/20 due to heavy rains.

Other Important Situations and Decisions:

- Mike Lowe is finalizing the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. This document needs to be sent to URS so it can be included in a change order request to El-Co and their lower tier subcontractors.
- Encroachment Permit for Highland Avenue Update: Nick delivered the permit fee check, and El-Co submitted the companion permit to Cal Trans. Nick picked up the completed permit from Cal Trans on 10/19.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 035
Date: 10/29/04
Time From: 10/25/04 – 10/29/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Schuler completed the acoustical panel installation inside the existing pump station at the 19th Street Plant.
- El-Co completed the installation of the chlorine injection system at the 19th Street Plant.
- El-Co completed the installation of the sample vault at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- El-Co will complete the tie-in of booster pump #5 at the 19th Street Plant Booster Pump Room.
- Punch List and cleanup for sound wall installation at the 19th Street Plant.
- El-Co will begin the GAC vessel modification work at the 19th Street Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 10/28 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- Field work did not occur on 10/27 due to heavy rains.

Other Important Situations and Decisions:

- Mike Lowe finalized the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station. This document has been sent to URS so it can be reviewed and included in a change order request to El-Co and their lower tier subcontractors.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 036
Date: 11/5/04
Time From: 11/1/04 – 11/5/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co completed the tie-in of booster pump #5 at the 19th Street Plant Booster Pump Room.
- Work on the Punch List and cleanup for the sound wall installation at the 19th Street Plant was started.
- El-Co began the GAC vessel modification work at the 19th Street Plant.
- El-Co began the construction of the Backwash Collection System discharge piping concrete pipe supports.
- El-Co completed the new roof construction between the block wall and handball court at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- Work will continue on the Punch List and cleanup for the sound wall installation at the 19th Street Plant.
- El-Co will continue the GAC vessel modification work at the 19th Street Plant.
- El-Co will continue construction of the Backwash Collection System discharge piping concrete pipe supports.

Health and Safety:

- El-Co held a tailgate safety meeting on 11/4 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- URS reviewed the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station and sent comments to Mike Lowe. URS will discuss comments with Mike Lowe on 11/8 in an effort to finalize this document so that it can be included in a change order request.
- URS did not receive the inspection checklist for the Encanto Park Booster Pump Station from SBMWD. This checklist is needed in order to facilitate the Final Inspection of Encanto Park work on 11/17.



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.: 1860069.05010

MUSCOY 19th STREET PLANT/ENCANTO PARK WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 037
Date: 11/12/04
Time From: 11/8/04 – 11/12/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Work continued on the Punch List and cleanup for the sound wall installation at the 19th Street Plant.
- El-Co continued the GAC vessel modification work at the 19th Street Plant.
- El-Co completed the construction of the Backwash Collection System discharge piping concrete pipe supports.
- El-Co completed the installation of the compressor and piping for the surge tank at the Encanto Park Booster Pump Station.
- El-Co completed the demolition of the existing picnic enclosure, and began construction of the new picnic area at the Encanto Park Booster Pump Station.
- El-Co began the grading and paving effort at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- Work will continue on the Punch List and cleanup for the sound wall installation at the 19th Street Plant.
- El-Co will continue the GAC vessel modification work at the 19th Street Plant.
- El-Co will complete the construction of the new picnic enclosure area at the Encanto Park Booster Pump Station.
- El-Co will complete the grading and paving effort at the Encanto Park Booster Pump Station.

Health and Safety:

- El-Co held a tailgate safety meeting on 11/11 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- URS reviewed the Sequence of Operations for the 19th St. Plant and the Encanto Park Booster Pump Station and sent comments to Mike Lowe. URS needs to discuss comments with Mike Lowe to finalize this document so that it can be included in a change order request.
- URS did not receive the inspection checklist for the Encanto Park Booster Pump Station from SBMWD. This checklist is needed in order to facilitate the Final Inspection of Encanto Park work on 11/17.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 038
Date: 11/19/04
Time From: 11/15/04 – 11/19/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Work was completed on the Punch List and cleanup for the sound wall installation at the 19th Street Plant.
- El-Co continued the GAC vessel modification work at the 19th Street Plant.
- El-Co continued the construction of the new picnic area at the Encanto Park Booster Pump Station.
- El-Co completed the grading and paving effort at the Encanto Park Booster Pump Station.
- El-Co began the repair of the existing residential block walls at the 19th Street Plant.
- El-Co began the placement of slag at the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- El-Co will continue the GAC vessel modification work at the 19th Street Plant.
- El-Co will complete the construction of the new picnic enclosure area at the Encanto Park Booster Pump Station.
- El-Co will complete the placement of slag at the Encanto Park Booster Pump Station.
- El-Co will complete the repair of the existing residential block walls at the 19th Street Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 11/18 to discuss safe work practices.

Community Relations:

- Nick Reylek has communicated with the residents regarding the block wall repairs and schedule. All residents are pleased with the progress.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- URS did not receive the inspection checklist for the Encanto Park Booster Pump Station from SBMWD. This checklist is needed in order to facilitate the Final Inspection of Encanto Park.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 039
Date: 11/24/04
Time From: 11/22/04 – 11/24/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co continued the GAC vessel modification work at the 19th Street Plant.
- El-Co completed the construction of the new picnic area at the Encanto Park Booster Pump Station.
- El-Co completed the repair of the existing residential block walls at the 19th Street Plant.
- El-Co completed the placement of slag inside the Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- El-Co will continue the GAC vessel modification work at the 19th Street Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 11/24 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- Nick and El-Co met with John Tucker, San Bernardino Parks Recreation and Community Services Department, to discuss the picnic enclosure at Encanto Park. ADA issues were discussed and the resolution that John Tucker recommended was to install the new sidewalk adjacent to the picnic enclosure 5-feet wide and with a maximum 2% slope. The number and location of picnic tables was discussed and it was determined that only two tables would be necessary. John Tucker also agreed that 6" slump stone would be fine for use as the veneer finish on the picnic enclosure support columns.
- URS did not receive the inspection checklist for the Encanto Park Booster Pump Station from SBMWD. This checklist is needed in order to facilitate the Final Inspection of Encanto Park.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 040
Date: 12/3/04
Time From: 11/29/04 – 12/3/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co continued the GAC vessel modification work at the 19th Street Plant.
- El-Co repaired and relocated the irrigation system around the picnic area at Encanto Park. Picnic tables were installed at the picnic area.
- El-Co completed the survey and staking work for fine grading at the 19th Street Plant.
- El-Co began clean-up and painting work at Encanto Park Booster Pump Station.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- El-Co will continue the GAC vessel modification work at the 19th Street Plant.
- El-Co will install underground electrical conduit for the irrigation system at the 19th Street Plant.
- El-Co will continue clean-up and painting work at Encanto Park Booster Pump Station.
- El-Co will begin fine grading at the 19th Street Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 12/2 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- EPA is reviewing the Health and Safety issues involved with the placement of slag at the 19th Street Plant. A decision is needed within a week in order to avoid schedule delays.
- URS did not receive the inspection checklist for the Encanto Park Booster Pump Station from SBMWD. URS received verbal approval from SBMWD to complete the plant per design drawings, and a Final Inspection of mechanical installations was scheduled for 12/15.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 041
Date: 12/10/04
Time From: 12/6/04 – 12/10/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co completed the GAC vessel modification work at the 19th Street Plant (except for sample sinks and air vac valves on Influent Header).
- El-Co started fine grading at the 19th Street Plant.
- El-Co began installation of the chlorine injector unit inside the chlorine injection vault located on the Effluent Pipeline at the 19th Street Plant.
- El-Co installed the underground electrical conduit for the irrigation system at the 19th Street Plant.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- Edison to continue the electrical underground installation at the Encanto Park Booster Pump Station.
- El-Co will begin the installation of the air vac valves on the Influent Header at the 19th Street Plant.
- El-Co will continue fine grading at the 19th Street Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 12/9 to discuss safe work practices.

Community Relations:

- URS and SBMWD met with the homeowners from the west end of 20th Street on 12/7 to discuss final landscaping issues at the new sound wall. SBMWD will supply some additional plantings to El-Co to complete the requested work.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- EPA is reviewing the Health and Safety issues involved with the placement of slag at the 19th Street Plant. A decision is needed within a week in order to avoid schedule delays.
- URS did not receive the inspection checklist for the Encanto Park Booster Pump Station from SBMWD. URS received verbal approval from SBMWD to complete the plant per design drawings, and a Final Inspection of mechanical installations is scheduled for 12/15.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 042
Date: 12/17/04
Time From: 12/13/04 – 12/17/04

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

Work Performed:

- El-Co continued the aboveground electrical installations at the 19th Street Plant and the Encanto Park Booster Pump Station.
- El-Co began the installation of the air vac valves on the Influent Header at the 19th Street Plant. The valve locations were prepared on the Influent Header Pipeline and construction is complete except for installation of the air vac valve units.
- El-Co completed fine grading at the 19th Street Plant.
- El-Co completed the installation of the chlorine injector unit inside the chlorine injection vault located on the Effluent Pipeline at the 19th Street Plant.
- El-Co began clean-up and painting at the 19th Street Plant.

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant and the Encanto Park Booster Pump Station.
- El-Co will continue with clean-up and painting at the 19th Street Plant and Encanto Park Booster Pump Station.
- El-Co will begin placement of new asphalt roadway at the 19th Street Plant.
- El-Co will begin landscaping activities at the 19th Street Plant.

Health and Safety:

- El-Co held a tailgate safety meeting on 12/16 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- No issues to report.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 043
Date: 12/23/04
Time From: 12/20/04 – 12/23/04

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

Work Performed:

- EI-Co continued the aboveground electrical installations at the 19th Street Plant and the Encanto Park Booster Pump Station.
- EI-Co continued with clean-up and painting at the 19th Street Plant and Encanto Park Booster Pump Station.
- EI-Co completed the placement of the new asphalt roadway in the vicinity of the new GAC vessels at the 19th Street Plant. Except for the asphalt paving work in the Cal Trans right of way along Highland Ave.
- EI-Co began landscaping activities at the 19th Street Plant.

Forecasted Work for Next Week:

- EI-Co will continue the aboveground electrical installations at the 19th St. Plant.
- EI-Co will continue with clean-up and painting at the 19th Street Plant and Encanto Park Booster Pump Station.
- EI-Co will continue landscaping activities at the 19th Street Plant.

Health and Safety:

- EI-Co held a tailgate safety meeting on 12/23 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- No issues to report.

Other Important Situations and Decisions:

- No issues to report.



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 WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: 044
Date: 12/31/04
Time From: 12/27/04 – 12/31/04

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

Work Performed:

- El-Co continued landscaping activities at the 19th Street Plant.
- El-Co installed spent backwash drain piping.
- El-Co began installation spent backwash pipe supports

Forecasted Work for Next Week:

- El-Co will continue the aboveground electrical installations at the 19th St. Plant.
- El-Co will continue with clean-up and painting at the 19th Street Plant and Encanto Park Booster Pump Station.
- El-Co will continue landscaping activities at the 19th Street Plant.
- El-Co will continue installation spent backwash pipe supports.
- US Filter will begin vessel/above-ground piping pressure testing and external paint repairs.

Health and Safety:

- El-Co held a tailgate safety meeting on 12/30 to discuss safe work practices.

Community Relations:

- No issues to report.

Conditions Encountered and Resolution:

- No issues to report.

Delays Encountered:

- Two rain delay days occurred this week.

Other Important Situations and Decisions:

- No issues to report.