

Project Status Report



Task Orders

Heart of the Valley Metropolitan Sewerage District (HOVMSD)
Donohue Project Number 13649

Period | Jan 01 – Jan 21, 2023

Invoice 32

Status Report for Effluent Filtration Improvements Project

Activities This Period

- Attended monthly construction progress meeting for January.
- Closed Clean Water Fund Loan and Issued Pay Application 5.
- Reviewed Contractor submittals and answered Contractor questions.
- Prepared requests for proposals and work change directives.
- Completed preparing RFP 006 for the Hauled-In Waste Tank rehabilitation, including site walkthrough with Contractors and WDNR and provided to Owner for review.
- Provided on-site construction observation services.
- Approved Contractor to proceed with RFP 005.

Near-Term Activities

- Review contractor submittals and answer contractor questions.
- Prepare work change directives and responses to contractor claims.
- Review monthly pay application.
- Review updated pricing for RFP 004. Finalize RFP 006 and send to Contractor for pricing.
- Continue on-site construction observation services.

Outstanding Issues

- Continue organizing effort to manage contaminated soil found on-site in coordination with WDNR.

Construction Remarks

Site

- The contaminated soil for Structure 60, Room 123 (Filter Splitter Box), 42" SE lines has not been touched. This work will most likely occur in May of 2023. When and if any contaminated soil is discovered it will be removed and transported to the Ridgeview RDF Landfill in Whitelaw, WI.
- The District is currently finalizing with the WDNR and SEH the plan to locate all the contaminated soil so that it can be quantified, removed and hauled off site.

Structure 60 (Solids Handling and Filtration Building)

- R-Industries continuing the work on the demolition of existing equipment, electrical and piping in progress in Structure 60 (Solids Handling and Filtration Building).
- Removal of concrete walkways and wall sections is in progress in Str 60 in the east bays of the old sand filters. The west bays of the old sand filters concrete removal is complete.
- CD Smith and Wisconsin Rebar are working on placing rebar dowels and rebar in the west bays to complete the new floor for the future rapid mix, coagulation and flocculation basins for the new disc filters.
- CD Smith and Wisconsin Rebar, placing wall dowels, rebar, vapor barrier for Str 60, Room 122, (Filter Chemical Storage), floor slab.

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- Sargent Electric completed the rerouting of conduit and electrical in the the future womens locker and lactation rooms and future space for additional locker room. Work continues around the disc filters and other areas with demolition of old conduit and rerouting of wiring.
- Old electrical and equipment pads have been demo'd in the future locker room and lactation area.
- The base slab for the new CCT Transfer box is complete and the south formwork has been placed to allow the new south 54" pipe sleeve to be mounted for rebar placement of box walls. AW also placed the 54" wall pipe sleeve tying the new CCT Transfer box to the existing Str 60 basin wall, rebar and formwork to continue.
- August Winters is planning the piping and HVAC work inside Str 60 all areas.
- AW has completed the tie in of the HWS/HWR lines for the HVAC around the new Disc Filter room. Insulation of these lines has started.
- CD Smith continues to work on a plan to remove the sludge and sand from the old Backwash Waste Well.
- CD Smith poured an equipment pad for a relocated water heater in Room 115.
- August Winters rerouted and installed new 4" and 6" drain lines in Pump Room B04.

Structure 60, Room 122 (Filter Chemical Storage)

- CD Smith completed the removal of formwork and placement of foundation insulation of Room 122.
- CD Smith has completed the concrete work for the foundation grade beams of Room 122.
- Ostrenga completed the backfill between grade beams and around the foundation walls and door stoops for Room 122.
- August Winters completed the floor drain piping and placed drains within the new slab for Room 122.
- CD Smith completed the east and west door stoops up to grade and concrete has been poured for these.
- The internal sump for the Chemical Storage Room has been formed, with rebar placed. Slab for sump has been poured.
- CD Smith and Wisconsin Rebar, placing wall dowels, rebar, vapor barrier for Str 60, Room 122, (Filter Chemical Storage), floor slab.
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Structure 60, Room 123 (Filter Splitter Box)

- CD Smith and Wisconsin Rebar completed the rebar for the observation deck from Str 60 to Room 123.
- CD Smith completed the concrete work for the observation deck.
- Formwork for the walls of Room 123 have started to be removed, both internal and exterior forms.

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Structure 60 Progress Photographs

CCT Transfer Box base slab formwork and rebar being placed



R-Industries removing last of anthracite and concrete demo in old sand filter west bays



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Room 123 observation deck rebar placed to allow for access from 2nd floor of Str 60



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Room 122 final Grade beam concrete pour along with placement of structure sump



Rm 122 grade beam and foundation insulation being placed



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Rm 122 grade beam and foundation wall structural backfill being placed



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Room 123 formwork removed from first half of tank wall, formwork starting to be removed from top half



Sargent rerouting wiring and conduit for future women's locker room and lactation room



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Equipment pad demolition in women's locker room and lactation room



New pipe insulation on rerouted HWS and HWR lines along the east wall of the new disc filter area



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Disc Filter coagulation and flocculation basins, concrete demo complete, doweling for new floor started



54" pipe sleeves for new CCT Transfer Box placed on base slab



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Parting shot.

Beautiful day looking south from the new observation deck of Room 123, doesn't look like a day in January

