

Project Status Report



Task Orders

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

Period | April 23 – May 20, 2023

Invoice 36

- Complete WCD 007 for Northside Str 60 Hydrant Replacement.

Outstanding Issues

- Continue organizing effort to manage contaminated soil found on-site in coordination with WDNR. WDNR approved the Site Investigation Work Plan. The District on May 17, 2023 along with coordination between SEH and Contractors completed the soil sampling and investigation portion of the Site Investigation Work Plan to the WDNR.
- Parking area lightpole has been straightened and fixed in the existing administration parking area.

Construction Remarks

Site

- The contaminated soil investigation south of Structure 60, Room 123 (Filter Splitter Box), has been completed on May 17, 2023. District is currently waiting on response back from SEH regarding results of analysis to determine if additional material needs to be removed. If any additional contaminated soil is discovered it will be removed and transported to the Ridgeview RDF Landfill in Whitelaw, WI.
- 42-in. SE Lines have been extended out of structure, south of existing water main and to the tie-in points with the existing SE Line. No additional contaminated soil discovered during this work.
- August Winters rerouted the SHC carrier pipe and SHC piping around the CCT structure.
- August Winters extended out the 54" filter effluent line from the CCT box towards the Chlorine Contact Chamber Str 80. They also placed the new section of water main and relocated hydrant on the southside of Str 60.
- All six disc filters onsite, ready to be installed.
- North existing potable water hydrant onsite replaced due to leaking at the hydrant from the reenergizing and pressuring of the site water main.

Structure 60 (Solids Handling and Filtration Building)

- Omni completed sand blasting of disc filter bays as well as coating of bays prior to placement of disc filters.
- Omni completed sand blasing of rapid mix/coag/floc tanks. Completed the concrete rubbing of walls and placement of coating fill material prior to coating of walls.
- CD Smith completed placement of rebar, formwork and pouring of the chlorine contact chamber discharge baffle wall.
- August Winters completed the reworking of the W3 and SBS lines for the work associated with WCD 006 prior to the start of Disinfection season May 1, 2023.
- CD Smith completed the steel stud walls and work in the Women's Locker Room and Lactation Rooms. Also set the formwork and rebar for the concrete pad for the lockers.
- August Winters completed the duct work and placement of the new make up air unit in the lower level of Str 60.
- CD Smith continued with concrete filling in the old pipe penetrations in the lower level pipe gallery.
- Walsdorf roofing mobilized to the site and started the removal of the existing roof on Str 60, as well as the placement of the new membrane roof on Str 60.
- CD Smith masons, blocking up wall openings from moved doors and cut outs on southside of structure.
- CD Smith started the placement of chemical feed units equipment pads in chemical feed containment area.
- August Winters decommissioned two old roof units and removed from site.
- CD Smith finished concrete placement of the footing for the south stairway #3 mandoor.
- CD Smith with August Winters set up scaffold decking for disc filter placement into Str 60.

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- August Winters started the installation of Disc Filters in Str 60, completed 3 of 6 so far, working on #4.
- Hard Rock hole sawed a new wall penetration for the 42" disc filter effluent line in the chlorine contact tank.
- CD Smith cut exhaust fan opening through east wall for new 50-in exhaust fan to be placed.
- CD Smith formed and poured the new chlorine contact sump well.
- AW and CD Smith coordinated and completed the HVAC roof top unit openings.
- New rapid mix, coagulation and flocculation mixer motors and blades arrived onsite.
- AW setting duct work in garage area for new HVAC roof units.
- CD Smith masons currently working on infills around new doors and openings.
- CD Smith has continues the concrete patching and grouting of the demo'd concrete walls and manhole steps in the Chlorine Contact tank.
- Leak testing of the north bay of the
- CMU fill in and brick work have been completed at old east mandoor for Str 60 south stairway.

Structure 60, Room 122 (Filter Chemical Storage)

- CD Smith started the placement of the containment wall and chem storage tank pads rebar and formwork.
- Walsdorf roofing started the placement of the new membrane roof on the Chem Storage Room.
- CD Smith poured the mandoor stoops on the east and west sides.
- CD Smith dug, placed sonotubes, rebar and set bollard for pipe bollards around structure.
- HVAC roof units set.

Structure 60, Room 123 (Filter Splitter Box)

- North bay leak test completed, all leaks plugged and grouted. Only a few minor leaks.
- CD Smith has completed with the grouting and filling the formtie holes in the walls of the new splitter box. The finish and rubbing work for the concrete walls is still in progress.
- Masons completing brick work around new mandoor.
- Sargent electric coring conduit holes near new mandoor.

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All six disc filters onsite, waiting to be lifted and brought into Str 60 for installation



New location of SHC carrier pipe and piping around CCT structure



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AW nearing completion of ductwork to new MAU in lower level of Str 60



New and rework of W3 and SBS lines in dechlorination room



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Two new SBS dechlorination lines in for ground with rerouted W3 line in background



CD Smith poured the discharge baffle wall in the chlorine contact tank, with AW placed 42-in. Disc Filter Effluent pipe sleeve



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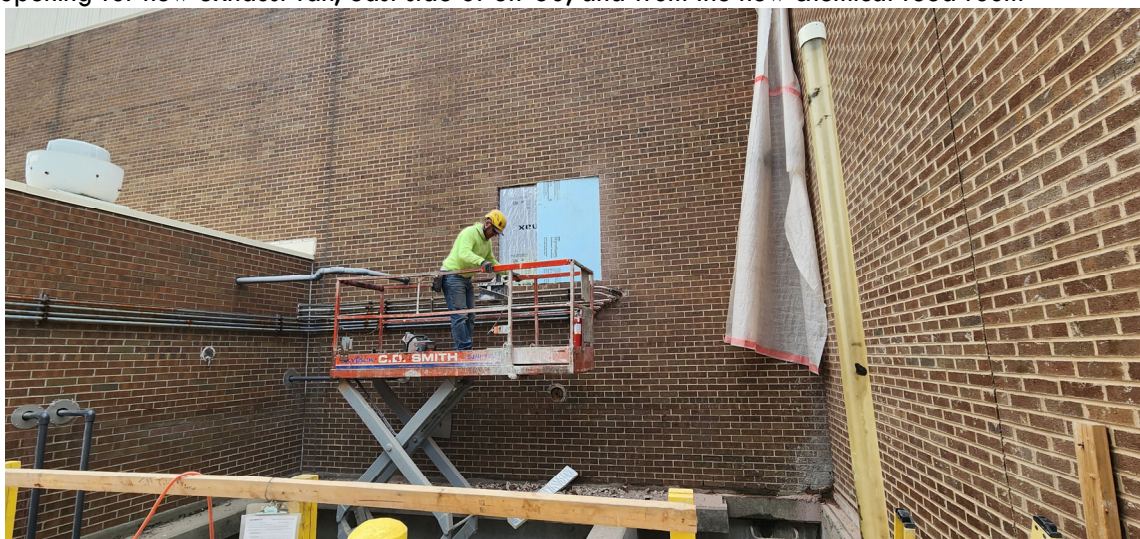
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Cutting opening for new exhaust fan, east side of Str 60, and from the new chemical feed room



New Chemical Storage Room, tank pads and containment wall



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New wall paint and disc filter basin coating in Str 60, looking at DF bay 1



New drain and backwash waste lines entering into back wash waste well



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Sargent Electric running new electrical and controls conduit in the Disc Filter area



Roof top HVAC equipment placed on new Chemical Storage Room, as well as new roof insulation and membrane



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New roofing and HVAC unit placed on top of Str 60



Pipe bollards getting set and placed to be poured in around Chemical Storage Room, mandoor stoops poured



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Part of new chemical containment wall and starting of painting of walls and ceiling in Chemical Storage Room



Drywall and insulation being placed in women's locker room in Str 60



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New potable water hydrant north of Str 60, to replace existing that broke and started leaking



Coordinating Site Contaminated Soil Investigation with SEH Engineer, one soil boring being drilled near new south stairway #3 mandoor stoop



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Scaffolding and decking set to place disc filters on and roll them into Str 60



Disc Filter #1 has entered the building, only 5 more to go



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Disc Filter #1 sliding into place...



Disc Filter #1, in and Disc Filter #2 next in line to get set



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First 3 disc filter set in Str 60, units #1, #2 and #3... setting up for #4



Rapid mix and coagulation basins, wall coating completed by Omni



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New chlorine contact basin sump floor and sump



New HVAC roof unit duct holes cut



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Parting shots.

A true sign that Spring has arrived, after mowing the grass, dandelions pop up to show those early Packer colors...



Nice relaxing spring day for a doe ready to give birth and a bunny just hanging out...

