

Task Orders

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

Period | January 01 – January 20, 2023

Invoice 44

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 17.
- RFP 015 for Flood Level Switch in Chemical Feed Area Str. 60 approved.
- Reviewed Contractor submittals and answered Contractor questions.
- Additional information and justification on cost from Contractor on RFP 011 should arrive by end of month from Contractor and will then be reviewed by Engineers.
- Provided on-site construction observation services.

Near-Term Activities

- Review contractor submittals and answer contractor questions.
- Prepare work change directives and responses to contractor claims.
- Review monthly Pay Application 18.
- Prepare CWF loan disbursement 19 request to WDNR.
- Continue on-site construction observation services.
- System start-up and facility training on equipment to begin end of January 2024.
- Engineer review additional information and pricing justification for RFP 011 quote for the selected revised hauled-in-waste tank option.

Outstanding Issues

- No issues at this time.

Construction Remarks

Site

- Sargent completed conduit runs to and around Chlorine Contact Tank, wire pulled and terminations completed.
- Sargent completed wiring and terminations of all gates on Filter Splitter Box, CCT Box, and Effluent Discharge Area.
- HOV Staff had the remainder of the odor control material removed from the Biofilter 1.
- CD Smith removed storage trailer and job trailer to be removed by beginning of February.
- August winters completed the tie-in of the 4-inch PSM line in Tunnel B and the lower level of Str. 60.

Structure 60 (Solids Handling and Filtration Building)

- Sargent working on completing the wire pulls and terminations for chemical feed equipment, valves, gates, mixing motors and disc filters.
- Sargent completed remaining conduit around Disc Filter chemical cleaning systems. Starting wire pull for Disc Filter equipment and control panels back to PLC.
- Sargent Electric completed the wire pulls in the conduit for Rapid Mix/Coagulation & Flocculation mixer motor control panels.
- CD Smith completed FRP grating support system and grating around disc filters.
- CD Smith completed the installation of hand rail around mixing basins.
- CD Smith cleaning up unneeded equipment around the site for removal offsite.

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- All work for RFP 014, including ceiling tile and installation of HVAC diffusers and grille completed.
- August Winters working on 4-inch fire line.
- August Winters completing final piping testing on chemical feed systems and associated water lines.
- Omni working on painting of process piping in chemical storage and feed areas.
- Omni touched up painting in Lactation Room and Women's Locker Room. Also resumed painting areas around Disc Filters that were not completed until FRP grating was installed. Touched up rapid mix/coagulation and flocculation basin tank coating.
- Pipe insulation and jacketing being installed in chemical feed and pipe gallery areas.
- Tile work near the lactation and women's lockerroom has started, currently waiting on base tile for delivery.
- North and southside translucent insulated wall panels installed in the Disc Filter area

Structure 60, Room 122 (Filter Chemical Storage)

- Sargent Electric completed conduit runs from Structure 60 to the Chemical Storage area.
- Omni continues to work on painting of the process piping.
- August Winters has completed the placement of the emergency eye wash and shower.

Structure 60, Room 123 (Filter Splitter Box)

- Sargent completed the conduit runs to the gates for control and power.
- Sargent has completed the wire pulls to the gates.

Site Work Photos

Disc Filter Effluent Gate, MH 10 Gate and Contact Bypass Gates conduit pulled and wired up



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Remaining odor control stone being pulled out of Biofilter 1 by HOV



D Smith Storage Trailer has vanished from the site



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Structure 60 and the rest of the Structures Work

Well the last large piece of equipment finally did arrive just in time for the New Year, Disc Filter PLC in the house



Painting touched up in Lactation Room, doors prepped for final coat



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Disc Filter PLC wire pulls to the unit have commenced



New translucent insulated wall panels installed in Disc Filter area



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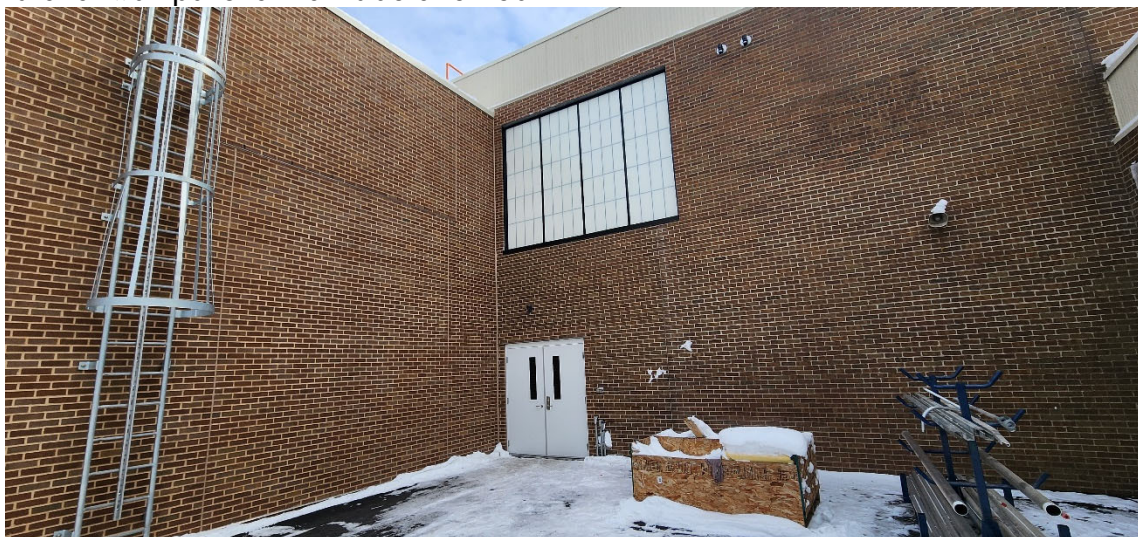
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Exterior shot of wall panel on northside of Str 60



Exterior view of southside translucent insulated wall panel



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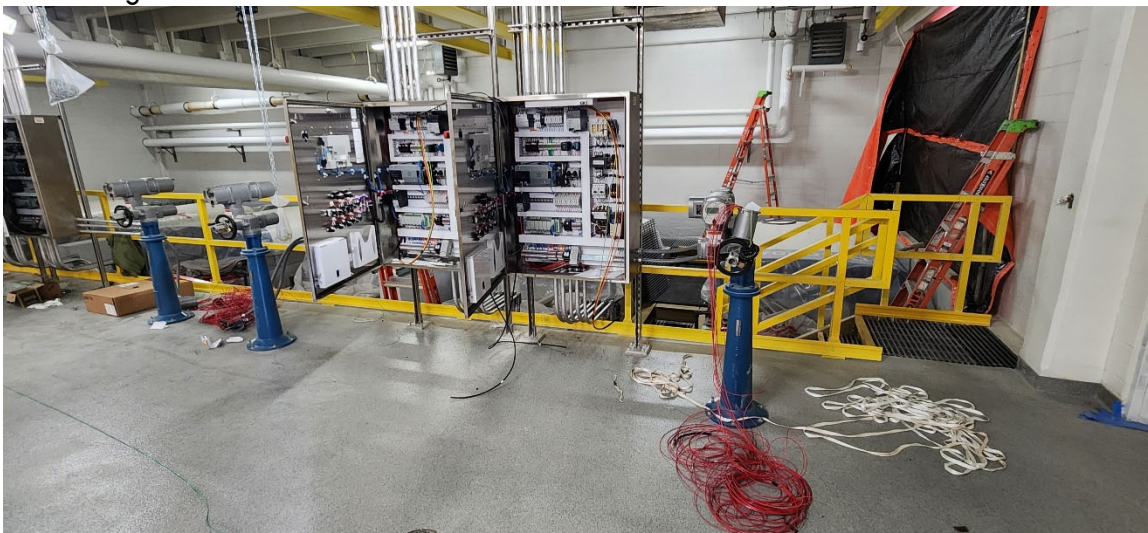
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Hand rail completed around the mixing, coagulation and flocculation basins



Disc Filters FRP and hand rails installed, work on completing Disc Filter Control Panel and valves conduit and wiring



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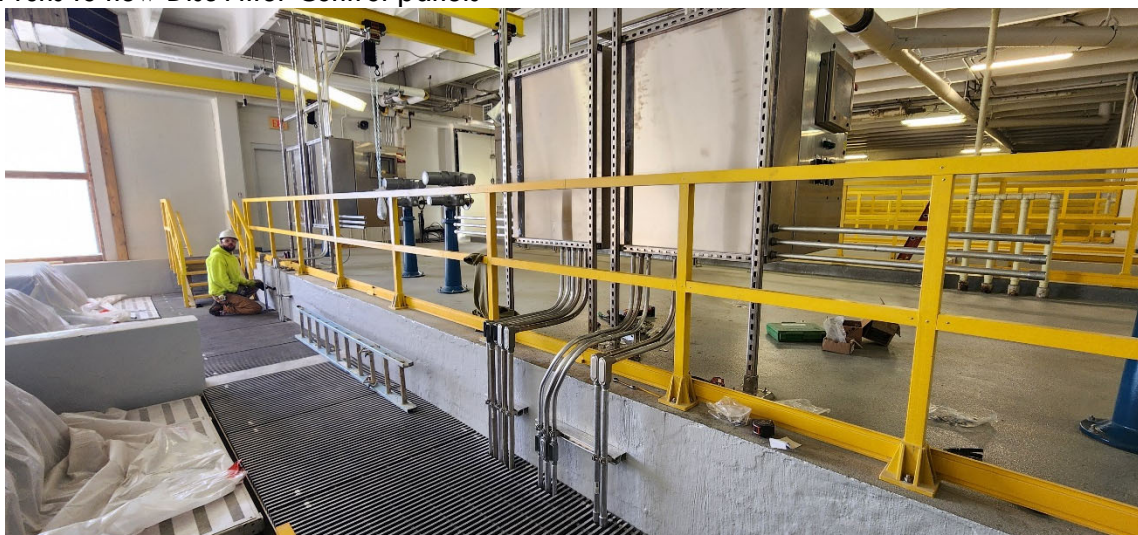
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SHC Chemical Feed Systems piping, conduit and wire pull work complete as well as painting of pipe



Conduit runs to new Disc Filter Control panels



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Conduit runs tucked away under FRP grating so they are not a trip hazard around the Disc Filters



Painting/coating of Disc Filter basin ledge complete now that FRP grating is installed



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Ortho-Phosphate analyzer installed in Chemical Feed Area of Str. 60



Automatic Cleaning Systems for Muriatic Acid and SHC skids and batch tanks almost complete for Disc Filters



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Parting shots for the Start of a New Year, Happy 2024 everyone...

Well these guys were hoping Winter doesn't arrive...



However, Winter did finally arrive for at least a little while here in January, welcome to below zero temps

