

Task Orders

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

Period | February 25 – March 23, 2023

Invoice 46

Status Report for Effluent Filtration Improvements Project

Activities This Period

- Attended monthly construction progress meeting for March.
- Closed Clean Water Fund Loan and Issued Pay Application 19.
- Reviewed Contractor submittals and answered Contractor questions.
- Request for additional asbestos testing on insulation of small diameter hot water supply and return piping in Disc Filter Area by Insulation Contractor. Results of test were negative no asbestos found.
- Provided on-site construction observation services.
- Disc filter mechanical and I/O checkouts as well as the chemical feed system I/O checkout and startups completed.

Near-Term Activities

- Review contractor submittals and answer contractor questions.
- Prepare work change directives and responses to contractor claims.
- Review monthly Pay Application 20.
- Begin preparation of final disbursement letter since project has reached the 95% complete mark.
- Prepare CWF loan disbursement 21 request to WDNR.
- Continue on-site construction observation services.
- System start-up and facility training on equipment is ongoing. Disc Filter performance testing and optimization to begin in April 2024.
- Determine with assistance from Commission and HOV MSD when to bid out the work associated with RFP 011 for the Septage Receiving System.

Outstanding Issues

- No issues at this time.

Construction Remarks

Site

- Sargent reinstalled yard light in new location per plan. All yard lights working properly.
- Sargent working on completing the site lighting attached to Structure 60.
- Sargent completed the heat tracing of exterior lines near MH 10 and the Dechlorination Building.

Structure 60 (Solids Handling and Filtration Building)

- Vendor startup and I/O checkout along with Owner Training of Submersible Centrifugal Pump (060-P-0340) completed.
- Vendor startup, I/O checkout and Owner Training on Disc Filter Inlet Valves, Disc Filter Drain Valves and Dilution Water Valves completed.
- Vendor startup, I/O checkout and Owner Training on all eleven (11) gates and actuators completed.
- Sargent completed the startup and switchover of the Automatic Transfer Switch in the Disc Filter area Electrical Room.
- Sargent completed the wire pulls and terminations for chemical feed equipment, valves, gates, mixing motors and disc filters.
- Sargent completed wire pulls and terminations for Disc Filter equipment and control panels back to PLC.
- Sargent Electric completed the installation of the lights in the Disc Filter area.

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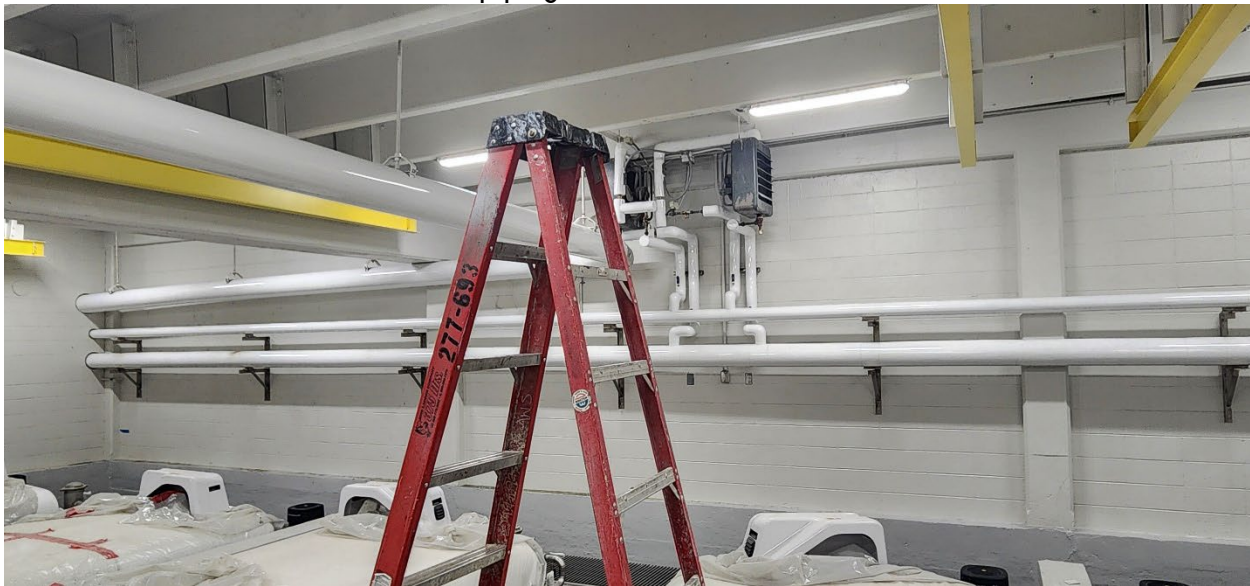
- Sargent completed the installation of the flocculation and coagulation basin lights, to allow operators to check floc and mixing in basins.
- August Winters working on 4-inch fire line.
- August Winters completed final piping testing on chemical feed systems and associated water lines.
- Omni working on painting of process piping in chemical storage and feed areas.
- Omni is working on touching up painting in all areas for the project.
- Omni completed the touch up of the rapid mix/coagulation and flocculation basin tank coating.
- Taylor Insulation working on completing the pipe insulation and jacketing in all areas for the project especially in the chemical feed/storage area and disc filter area.

Structure 60, Room 122 (Filter Chemical Storage)

- Sargent Electric finalizing wire pulls, terminations to equipment and instrumentation.
- Omni continues to work on touch up painting of the area.

Site Work Photos

Insulation installed on small diameter piping associated with unit heaters



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Ortho-phosphate analyzer in chemical feed room



Containment area sump level sensor installed in Chemical Storage Room



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New flocculation basin light installed



Area cleaned out between electrical units, guard rail to be reinstalled



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HVAC duct work insulation placed in mezzanine electrical room



Veolia/Kruger onsite for Mechanical and I/O Checkout of Disc Filters



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Disc Filters getting the mechanical checkouts, covers open and backwash system extended



Light poles are up and working



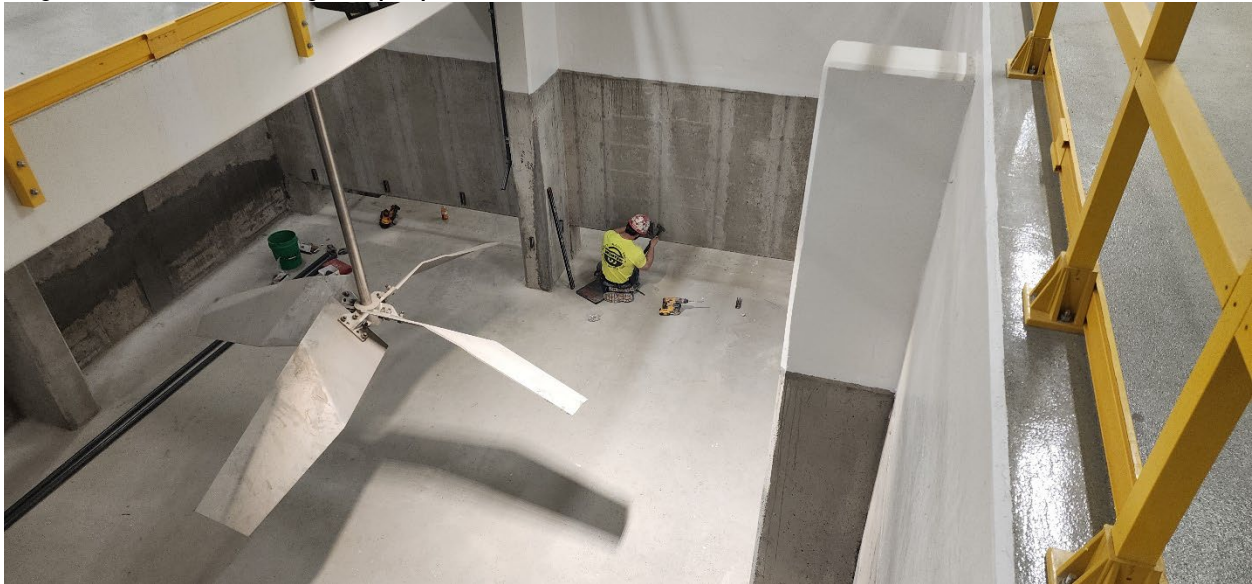
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August Winters finalizing the polymer feed header in the flocculation basin



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Rapid mix, coagulation and flocculation basins filled, mixer motors running, and new lights working



USGI working on the start-ups and I/O checkout of chemical feed systems



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USGI and Veolia working together on I/O between the chemical feed skids and disk filters



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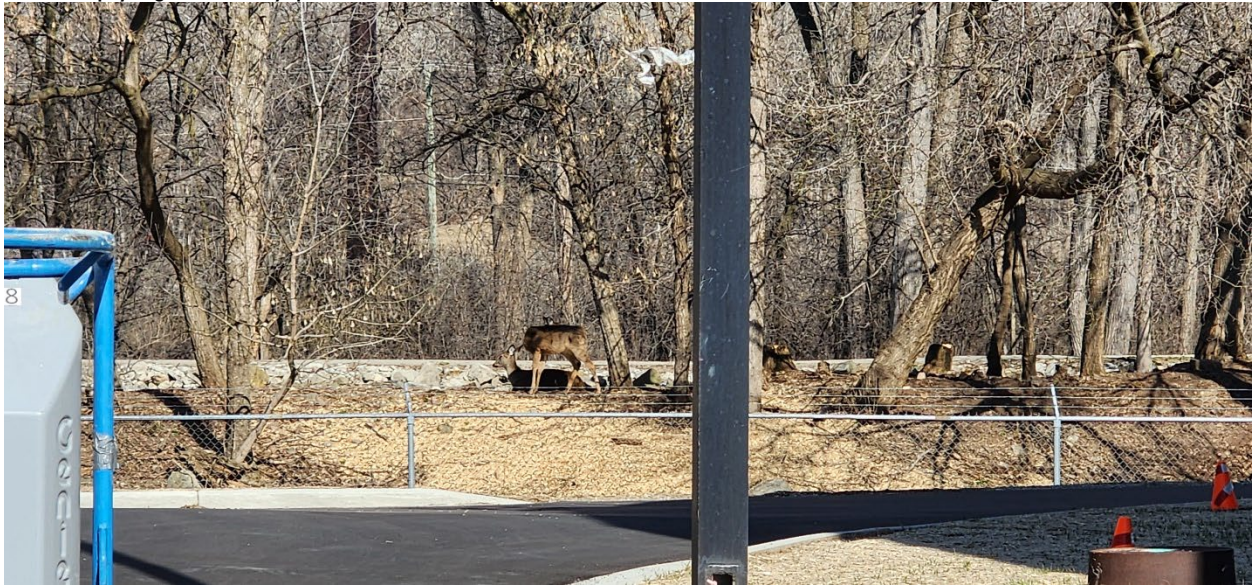
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Parting shots for the Start of Spring...

Deer enjoying the newly placed wood chips from the tree removal that went on along the channel...



First Robin of the Year... which means at least 3 more snow falls on the Robin's head

