

## Task Orders

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

Period | November 26 – December 31, 2023

Invoice 43

## Status Report for Effluent Filtration Improvements Project

### Activities This Period

- Attended monthly construction progress meeting for December.
- Closed Clean Water Fund Loan and Issued Pay Application 16.
- Reviewed Contractor submittals and answered Contractor questions.
- RFP 010 work is complete.
- RFP 014 work is complete.
- Design Engineers have reviewed the RFP 011 cost proposal for the Hauled-in-Waste/Septage Receiving station, based on recommendations and selection by the Commission.
- Additional information and justification on cost from Contractor on RFP 011 requested 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 17.
- Prepare CWF loan disbursement 18 request to WDNR.
- Continue on-site construction observation services.
- System start-up and facility training on equipment to begin end of January beginning of February.
- Engineer requesting additional information and pricing justification for RFP 011 quote for the selected revised hauled-in-waste tank option.

### Outstanding Issues

- PLC 60-SCC-5 Filter Flow Control Center to be received December 29, 2024.

### Construction Remarks

#### Site

- Sargent completed conduit runs to and around Chlorine Contact Tank, pulling wire and completing terminations.
- HOV Staff had some of the odor control material removed from the Biofilter 1.

#### Structure 60 (Solids Handling and Filtration Building)

- Sargent pulling wire and starting some terminations for chemical feed equipment, valves, gates, mixing motors and disc filters.
- Sargent installing remaining conduit around Disc Filter chemical cleaning systems.
- Sargent Electric almost completed the wire pulls in the conduit for Rapid Mix/Coagulation & Flocculation mixer motor control panels.
- CD Smith installing FRP grating support system and grating around disc filters.
- CD Smith working on the installation of hand rail around mixing basins.
- CD Smith cleaning up unneeded equipment around the site for removal offsite.
- CD Smith demo'd ceiling tile in control room for RFP 014. Ceiling tile was installed, waiting on installation of HVAC diffusers and grille.

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- August Winters completed piping and venting of chemical feed systems for SHC, PRC, polymer and muratic acid.
- August Winters working on 4-inch fire line.
- August completed the installation of emergency eye wash and showers.
- Sinks and toilets have been installed in women's locker room and lactation room.
- Omni working on painting of process piping in chemical storage and feed areas.
- 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.

#### Structure 60, Room 122 (Filter Chemical Storage)

- Sargent Electric continuing 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 work on the chemical feed piping and started 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 started the wire pulls to the gates.

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### Site Work Photos

New gravel placed at the east end of the site for truck turn around.



A look from above (top of the Filter Splitter Box) at new landscaping and asphalt.





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If you give the HOV Treatment Staff new parking they will use it, as you can see here.



### Structure 60 and the rest of the Structures Work

Conduit and wires pulled for gates a Filter Splitter Box.



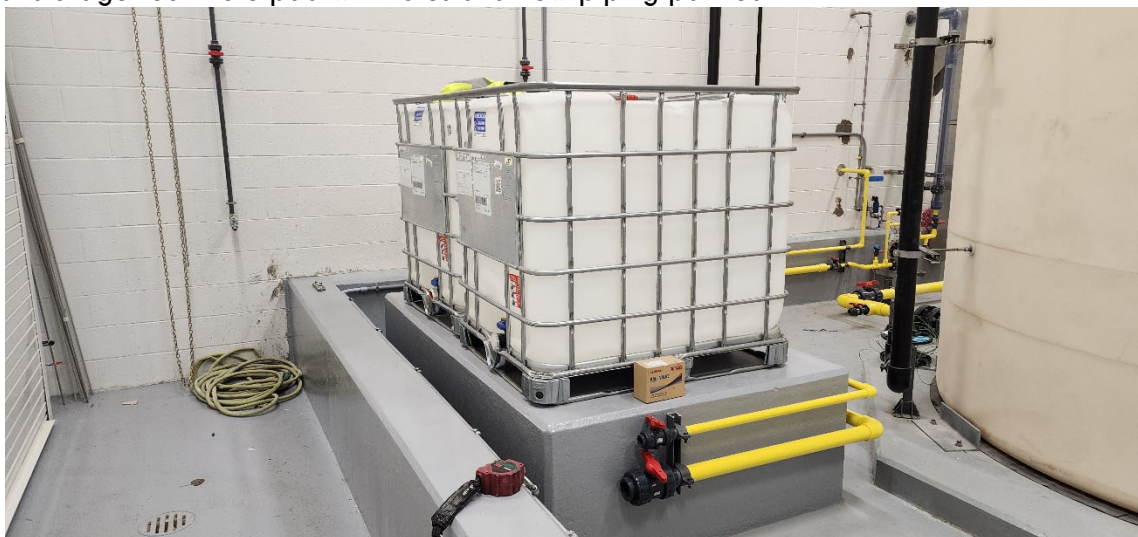
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Chemical storage room tote pad with totes and new piping painted



PRC tank chemical feed pumps and process piping in Chemical Storage Room





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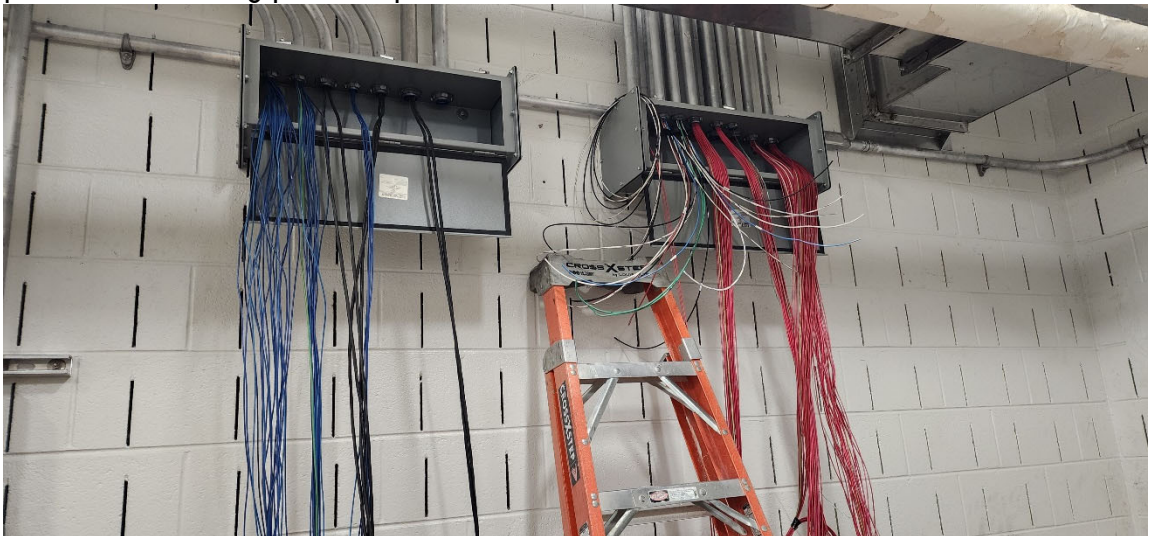
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Hand rail installation started around mixing tanks in disc filter area.



Only a portion of the wiring pulled to junction boxes above where new Disc Filter PLC will sit.



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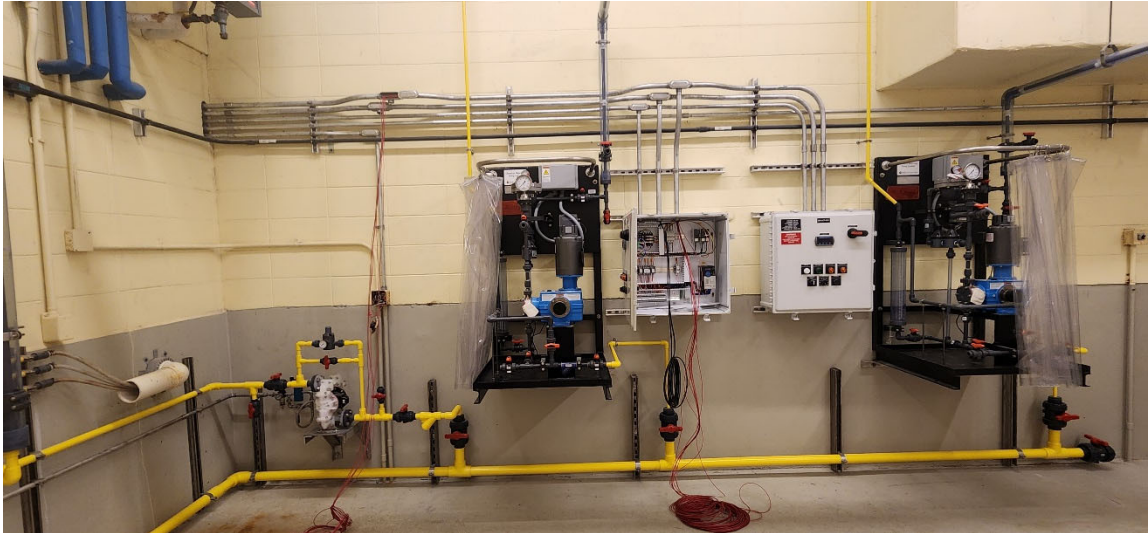
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New SHC dosing pumps and systems in SHC Room.



Flocculation Effluent gate getting conduit run to it and flexible conduit connected.





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CD Smith grouting the wall between Disc Filter areas to match height of new grating.



New FRP grating steps and rail to doorway to access top of new Filter Splitter Box.





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HOV Staff working on painting the thickener protection guarding and railings



Orthophosphate analyzer installed (yellow box) in the chemical feed area





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Sargent working on wire pulls and finalizing conduit runs around Chlorine Contact Tank.



Sargent also working on resetting yard lighting and rewiring as well.





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PRC Tank fill and level indicator control panel installed on outside of Chemical Storage Room



South Str 60 mandoor with new conduit runs for CCT Transfer Box gate and Chlorine Contact Tank



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New floor tile at doorway of women's locker room in Str 60



New sinks in women's lockerroom, as well as countertop and mirror.





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Well you can't have a wastewater treatment plant without having a new toilet installed somewhere, here it's the Women's Lockerroom.



New grating and handrail as well as conduit and wires pulled at Rapid Mix Tank mixer motor.



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Pipe insulation and jacketing getting installed in Str 60 for chemical feed and water lines.



New ceiling tile in Control Room.





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#### Parting shot only one...

As you can tell it's a typical December in Wisconsin, look at all that snow those deer are standing in.

