

Task Orders

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

Period | September 24 – October 21, 2023

Invoice 41

Activities This Period

- TO5 – Advancing Local Limits Program
 - No activity
- TO6 – Updating Inflow Reduction Model
 - Completed analysis. Submitted final report.
- TO8 – Effluent Filtration Improvements CRS
 - See page 2
 - Completed RFP 011 documents for the District selected alternative for the Hauled-in-Waste tank rehab.
- TO9 – Assistance with Landfill Leachate Acceptance
 - No activity
- TO 10 – Waste Tank Rehab
 - Complete.

Near-Term Activities

- TO5 – Advancing Local Limits Program
 - Waiting further direction from HOVMSD
- TO6 – Updating Inflow Reduction Model
 - Work complete.
- TO8 – Effluent Filtration Improvements CRS
 - See page 2
 - Waiting on quote for RFP 011 from CD Smith and then complete Engineer's review.
- TO9 – Assistance with Landfill Leachate Acceptance
 - Waiting further direction from HOVMSD
- TO 10 – Waste Tank Rehab
 - Complete.

Schedule

- TO 5 – Advancing Local Limits Program
 - Waiting further direction from HOVMSD.
- TO6 – Updating Inflow Reduction Model
 - Complete.
 - Present 2021 and 2022 I/I results at community meeting in early November.
- TO7 – Cold Weather Treatment Stress Test
 - Complete.
 - Waiting for WDNR decision.
- TO8 - Effluent Filtration Improvements CRS
 - Under construction. See page 2.
 - Receive CD Smith proposal/quote in November.
- TO9 – Assistance with Landfill Leachate Acceptance
 - Waiting further direction from HOVMSD.
- TO 10 – Waste Tank Rehab
 - Complete.

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Budgets

Task Orders	Status	Budget	Spent	% Spent	Remaining
1 Master Planning - Step1	Complete	\$25,400.00	\$25,400.00	✓	\$0.00
2 Master Planning - Effluent Filtration	Complete	\$24,925.00	\$24,925.00	✓	\$0.00
3 Local Limits Support	Complete	\$9,500.00	\$9,500.00	✓	\$0.00
4A Effluent Filtration - Design	Hold	\$688,580.00	\$688,080.55	✓	\$499.45
5 Advancing Local Limits	Hold	\$14,250.00	\$4,987.50	35%	\$9,262.50
6 I/I Modeling and Analysis	Complete	\$79,980.00	\$79,980.00	✓	\$0.00
7 Re-Rate and Cold-Weather Stress Test	Complete	\$14,800.00	\$14,800.00	✓	\$0.00
8 Effluent Filtration - Construction	Active	\$1,096,219.00	\$537,906.90	49%	\$558,312.10
9 Landfill Leachate Assistance	Hold	\$10,000.00	\$6,029.38	60%	\$3,970.62
10 Waste Tank Rehab RFP	Complete	\$18,405.00	\$18,368.43	✓	\$36.57

✓ = Complete

Budget Notes:

1. None. No budget concerns.

Outstanding Issues

1. None.

Remarks

1. None.

Status Report for Effluent Filtration Improvements Project

Activities This Period

- Attended monthly construction progress meeting for October.
- Closed Clean Water Fund Loan and Issued Pay Application 14.
- Reviewed Contractor submittals and answered Contractor questions.
- RFP 008 – Thickener and Filter Room Floor, Walls and Ceiling Coating work has been completed.
- RFP 010 for the removal and replacement of the Ceiling Tile in Rooms 101, 103, 104 and 106 of Structure 60, work is almost complete.
- RFP 012 for the addition of staff parking south of the new Filter Splitter Box work has started should be complete by end of October.
- Design Engineers completed the QC on the new option for the Hauled-in-Waste/Septage Receiving station, based on recommendations and selection by the Commission. RFP sent to CD Smith for pricing.
- 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 15.
- Prepare CWF loan disbursement 16 request to WDNR.
- Continue on-site construction observation services.
- Review RFP 011 quote when received for the selected revised hauled-in-waste tank option.

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Outstanding Issues

- None at the moment.

Construction Remarks

Site

- Installation of the gate is complete in the Chlorine Contact Tank.
- HOV sludge hauling operations have been completed for the year by Badger State Waste.
- HOV staff completing the final cleaning, wash downs on the interiors of the sludge storage tanks.
- HOV completed the grit/sludge removal in the digesters.
- CD Smith completed the concrete pour for MH10 height adjustment to new grade. Additionally, the guard rail around MH10 gate was installed.
- CD Smith working on formwork and pouring sidewalk removed around the north side of the Chlorine Contact Tank.
- Ostrenga working on the grading for the new pavement and curb & gutter to be placed.
- Caulker finally completed all exterior caulking of Str 60 and Chemical Storage Room.
- CD Smith bulkheaded the old SE piping to MH02.

Structure 60 (Solids Handling and Filtration Building)

- Partition's and counters are installed in Women's Locker room and Lactation room.
- Omni will be completing the final painting and touch ups in the Women's Lockerroom, Lactation Room, future Lockerroom, lobby and hallway. Omni has also been completing touch up work in the Disc Filter and Thickener areas.
- Sargent Electric has continued with the conduit runs and wire pulls in the Disc Filter area as well as the Chemical Feed and Pipe Gallery areas.
- Two new 600 Amp circuit breakers were installed and rewired in MCC1 and MCC2 final wiring of these to be completed.
- New Disc Filter Electrical Room transformer installed.
- Piping work for the new Chemical Skids, scales and batch tanks have been set for the Disc Filters.
- August Winters completed the installation of the Disc Filter drain pumps and piping.
- Sargent is continuing the work on the installation of the new lighting in the Disc Filter area.
- Ceiling tile grid work in the vestibule, hallway, lobby and lunchroom has been installed. Waiting on remaining installation of the new fire/exit lights to complete the ceiling tile install.
- Omni has completed coating the floor and containment wall in the chemical feed room. They are beginning to the prep work on the containment floor & wall as well as the walking floor in the Chemical Storage Room.
- Sargent Electric has almost completed the conduit for Rapid Mix/Coagulation & Flocculation mixer motor control panels. They have completed the setting of control panels on stands in Disc Filter area.
- CD Smith installed the new door kick plates for the Women's Locker Room and Lactation Room.
- CD Smith installed new doors on the north side of Structure 60, the southside stairwell and the doorway to the top of the Filter Splitter Box.

Structure 60, Room 122 (Filter Chemical Storage)

- Sargent Electric continuing on conduit on interior and exterior outlet work.
- Omni is beginning to the prep work on the containment floor & wall as well as the walking floor in the Chemical Storage Room.

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- August Winters continuing work on the chemical feed piping.
- Garage door installation was completed, waiting on electrical power to properly set the door to seal with the floor.
- CD Smith completed the mandoor installation for the structure.

Structure 60, Room 123 (Filter Splitter Box)

- Sargent working on conduit runs to the gates for control and power.

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Site Work Photos

Grit/sludge removal in Digesters



New sidewalk poured on north side of Chlorine Contact Tank, after secondary effluent yard piping work completed



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Ostrenga working on grading for new pavement and curb & gutter



Continued subgrade and sidewalk prep work



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Grading work around the new Chemical Storage Room and MH 10, as well as new Handrail placed at MH 10 and new manddoors installed



New Light pole base installed above where new SE yard piping was installed



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New Outfall gate installed in the Chlorine Contact Tank



New guard rail and grating installed by the new gate for the Chlorine Contact Tank



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Interior of the west Sludge Storage tank after sludge hauling completed



New handrail and MH10 Cover concrete as well as newly painted pipe bollards in a beautiful Safety Yellow



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New northside double doors installed on Structure 60



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Structure 60 and the rest of the Structures Work

New Disc Filter Chem Skids, batch tanks and piping



New Disc Filter Electrical Room transformer being installed



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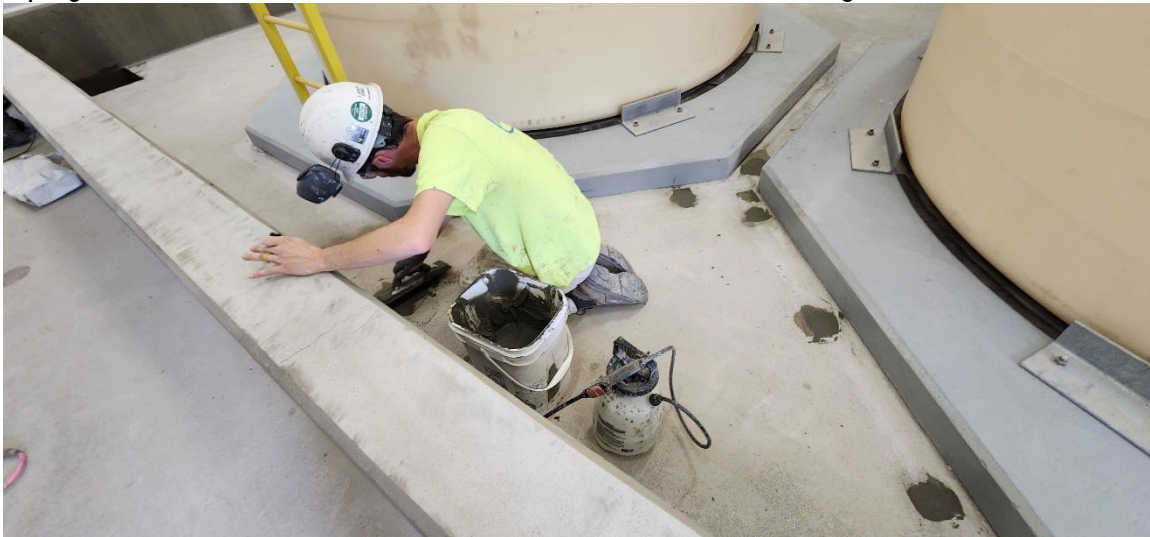
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August Winters working on DF Chem Skid feed and supply lines in Pipe Gallery



Omni preping the containment area floor and walls in the Chemical Storage Room



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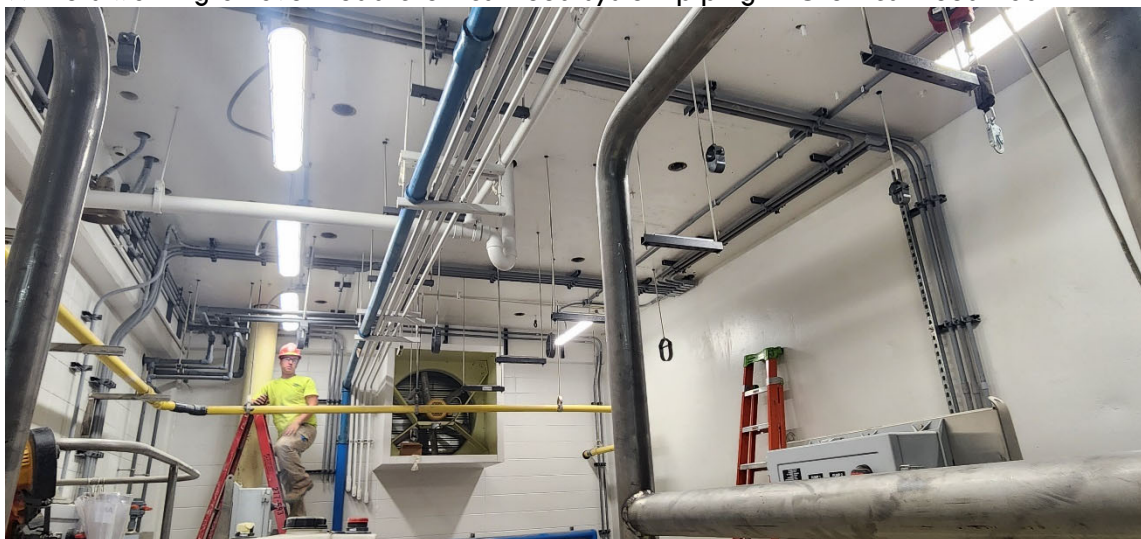
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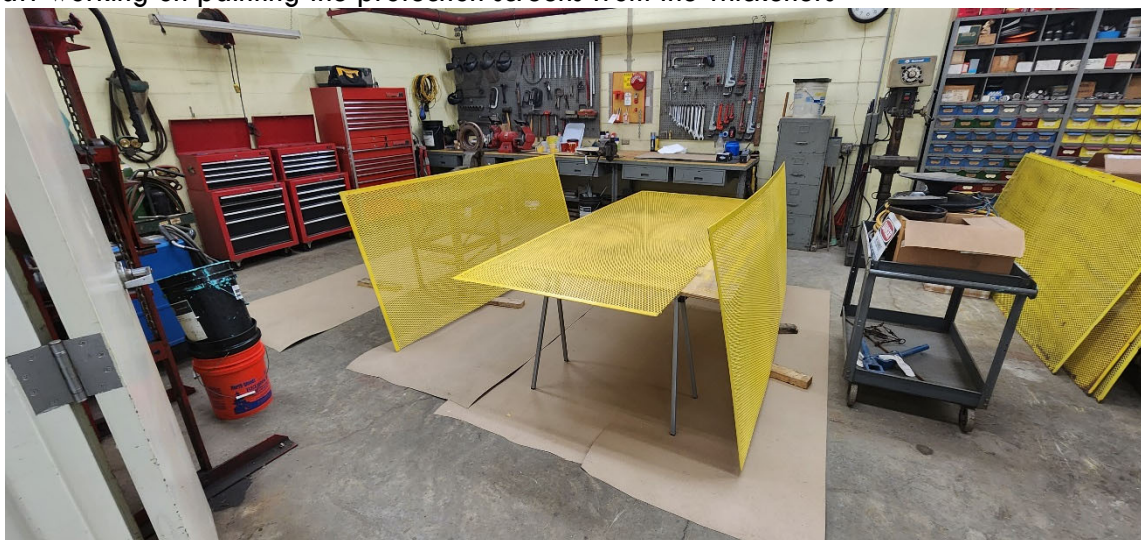
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August Winters working on over head chemical feed system piping in Chemical Feed Room



HOV staff working on painting the protection screens from the Thickeners



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Conduit runs for control and power for Filter Splitter Box gates and Natural Gas piping painted



Natural gas piping painted on roof and exterior of Structure 60 and Chemical Storage, Safety Orange



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New coating on the floor and containment walls for the new Chemical Feed area



New MCC 1B in the DF Electrical room placed between the New Transfer Switch and Power Panels



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New signage and door kickplates for the Women's Locker Room



Women's lockerroom partitions, counter and mirrors installed



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Parting shots, well last month had a lot, this month not so many...

Only the best concrete drivers allowed on this job site, 2 time (back to back) ready mix driver champion



As we all know the Robins have flown the nest already, that's good because this nest was inside Str 60 ontop of a unit heater near the Chemical Feed room



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When the Fox River runs green in the month of October

