

Task Orders

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

Period | May 21 – June 24, 2023

Invoice 37

Activities This Period

- TO5 – Advancing Local Limits Program
 - No activity
- TO6 – Updating Inflow Reduction Model
 - Presentation to Board
 - Presentation to Communities: one-on-one meetings
- TO8 – Effluent Filtration Improvements CRS
 - See page 2
- TO9 – Assistance with Landfill Leachate Acceptance
 - No activity
- TO 10 – Waste Tank Rehab
 - Pursuing additional options for the Septage Receiving/Hauled-In Waste Tank.

Near-Term Activities

- TO5 – Advancing Local Limits Program
 - Waiting further direction from HOVMSD
- TO6 – Updating Inflow Reduction Model
 - Produce and submit final report
- TO8 – Effluent Filtration Improvements CRS
 - See page 2
- TO9 – Assistance with Landfill Leachate Acceptance
 - Waiting further direction from HOVMSD
- TO 10 – Waste Tank Rehab
 - Investigating alternative Septage Receiving/Hauled-In Waste Tank strategies.

Schedule

- TO 5 – Advancing Local Limits Program
 - Waiting further direction from HOVMSD.
- TO6 – Updating Inflow Reduction Model
 - Submit final report in August.
 - Present final report to Commission – August or September.
- TO7 – Cold Weather Treatment Stress Test
 - Complete. Waiting for WDNR decision.
- TO8 - Effluent Filtration Improvements CRS
 - Under construction. See page 2.
- TO9 – Assistance with Landfill Leachate Acceptance
 - Waiting further direction from HOVMSD.
- TO 10 – Waste Tank Rehab
 - HOVMSD and Engineer looking into possible other options regarding the Hauled in Waste Station.

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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	Active	\$79,980.00	\$78,380.40	98%	\$1,599.60
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	\$360,768.98	33%	\$735,450.02
9 Landfill Leachate Assistance	Hold	\$10,000.00	\$6,029.38	60%	\$3,970.62
10 Waste Tank Rehab RFP	Active	\$18,405.00	\$16,073.43	87%	\$2,331.57

✓ = 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 June.
- Closed Clean Water Fund Loan and Issued Pay Application 10.
- Reviewed Contractor submittals and answered Contractor questions.
- RFP 008 – Thickener and Filter Room Floor, Walls and Ceiling Coating presented to the Commission at the June 13, 2023 meeting and was approved. RFP acceptance sent to Contractor. Work to proceed in July.
- Both RFP 009 – Disc Filter Area W3 Line Relocation and WCD 006 – Chemical Feed Room W3 & SBS Line Relocation have been approved by the District and work on each is currently in progress by Contractors.
- Design Engineers working with HOVMSD on various options regarding the Hauled-in-Waste/Septage Receiving station.
- 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 11.
- Prepare CWF loan disbursement request to WDNR.
- Continue on-site construction observation services.
- Complete RFP 010 for ceiling tile replacement in vestibule, lobby, hallway and lunch room.

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- Complete RFP 011 for revised hauled in waste option.
- Complete RFP 012 for parking area addition southside of Filter Splitter Box.

Outstanding Issues

- Continue organizing effort to manage contaminated soil found on-site in coordination with WDNR. WDNR approved the Site Investigation Work Plan. Waiting on final results of soil sampling efforts to determine what additional work may need to be completed.

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.
- Site wide pipe bollards have been placed around Str 60 and chlorine contact basin.
- Str 60 Chemical Storage room concrete garage apron poured and completed as well as mandoor stoops on both the east and west sides.
- Stairway #3 mandoor stoop poured and completed.
- Working with CD Smith on curb and gutter and asphalt elevations.
- Concrete demo for the placement of gates in the Chlorine Contact Tank/Effluent Discharge piping has started.
- CD Smith brick washing/cleaning occurred for the new Chemical Storage Room and around Str 60 where masonry, saw cutting or coring work had occurred.
- Breuer Metal was onsite to measure for new hand rails and grating.

Structure 60 (Solids Handling and Filtration Building)

- Chemical storage room CMU insulation completed.
- Omni working on equipment pad coatings in Chemical Feed Room. As well as painting of walls and ceiling and containment area coating for the Chemical Feed Room.
- August Winter installed the Rapid Mix, Coagulation and Flocculation mixers and motors in the Disc Filter area.
- August Winter working on HVAC ductwork in Disc Filter area electrical room. Placement of a large exhaust fan in the Chemical Feed room was completed.
- All disc filters have been set and placed on their respective pads.
- August Winters completed the placement of Disc Filter effluent piping bend to the Filter Splitter Box. Welding of joint completed.
- Monorails have been coated safety yellow.
- Walsdorf completed the installation of the new roofing membrane and insulation, metal cap and parapet work to be completed in July.
- Roof top HVAC equipment set, waiting on installation of ductwork to units, gas lines and drain lines.
- August Winters HVAC controls team was onsite to get a temporary setup for the garage, mezzanine and control room area so that these areas can be air conditioned.
- Disc filter piping valves and gates arrived onsite.
- CD Smith completed CMU infills around new Stairway #3 doorway.
- Sargent Electric continuing conduit runs in the disc filter area as well as the placement of lights in the electrical room and chemical feed areas.

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- Omni completed the painting of Stairway #3.
- Existing sprinkler water lines moved to allow for the placement of new pipe supports in pipe gallery and for the eventual installation of Disc Filter feed piping.
- Roof top ductwork started.
- Drywall and insulation completed in women's lockerroom and lactation rooms, waiting on finishers to come in July.
- Monorail hoist placed on rails for Disc Filters.
- R-Industries onsite to remove temporary monorails used for demo work and completed some sawcutting and hole cuts for gates in the disc filter area.
- August Winters installed the disc filter influent pipes from the gallery to the disc filter unit.
- August Winters, ran new gas pipe and placed new pipe stands on roof.
- Sump pump in Chlorine Contact Tank installed.

Structure 60, Room 122 (Filter Chemical Storage)

- Walsdorf completed the installation of the new roofing membrane and insulation, metal cap and parapet work to be completed in July.
- Omni working on chemical tank pad coatings in Chemical Storage Room.
- Chemical storage room CMU insulation completed.
- Roof top ductwork completed, starting on the placement of ductwork in the interior.
- Sargent Electric starting on conduit work on interior.
- Two new chem storage tanks arrived onsite.
- Chemical storage tanks placed on pads in containment area.

Structure 60, Room 123 (Filter Splitter Box)

- CD Smith completed the concrete infill joint between the top of tank and Str 60.

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Site Photos

New mixer motors installed, closest unit is for the coagulation tank



Coagulation tank mixing blades installed



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Concrete infill work of old pipe penetrations in pipe gallery



New lights and ductwork in disc filter area electrical room



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Garage/mezzanine area ductwork in Str 60



August Winters startup/service crew working on new roof top units to get temporary power and operation to garage/mezzanine area



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Disc filter influent pipes placed to disc filters



Chemical feed room painted



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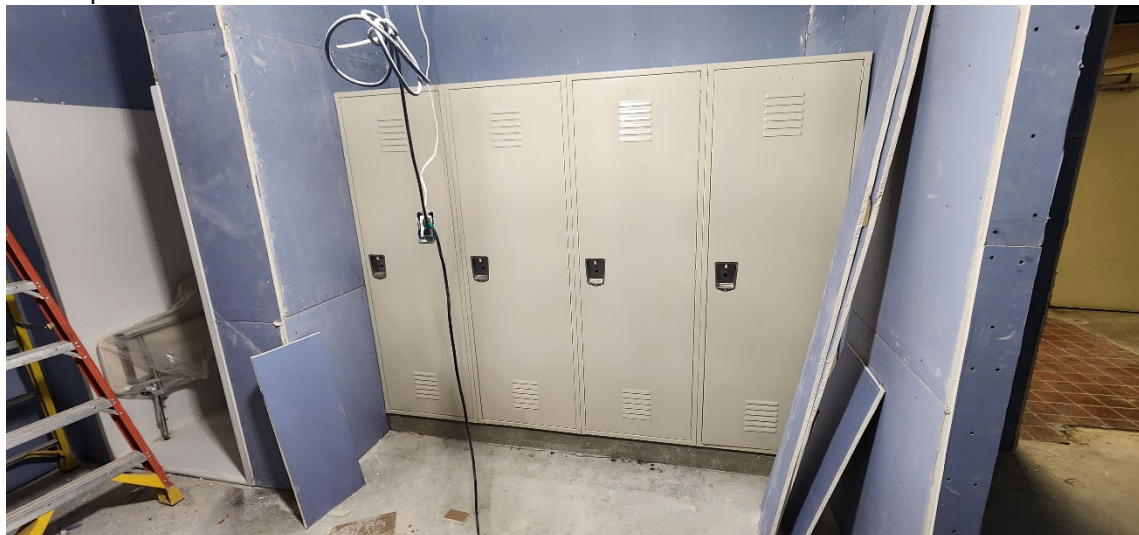
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Pipe supports placed in pipe gallery, new disc filter influent pipes installed



Lockers placed in women's locker room



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New chemical storage tanks arrived



Chlorine Contact Tank sump pump being installed



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Chemical Storage room, electrical conduit and interior duct work before tanks set, as well a joint caulking started



Chemical Storage room roof top air supply unit duct work, gas line and unit drain



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Str 60 roof top duct work



Chlorine Contact Tank to Effluent Discharge Gate installation started



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Chemical Storage Room chemical tanks placed



Disc filter effluent pipe to Filter Splitter Box elbow installed and welded



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Parting shots.

April and May showers did bring springtime flowers along the channel bank north of the plant...



Well the barn swallows like nesting in the Chlorine Contact Tank area...



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She's keeping an eye on construction, helping me keep track of the Contractors.

