



1.3.4 Startup Schedule Outline

The following table is an estimated startup schedule timeline for the Discfilter system. This is currently based on Week 1 being the week of March 11, 2024. Veolia has a previously scheduled safety week the week of April 1, 2024 and will not have personnel available to be onsite that week.

HOV, WI Discfilter System Startup Schedule Outline			
Week	Dates (Tentative)	Description	Personnel Onsite
1	3/11 - 3/15	Discfilter System Dry Checkouts	Veolia Field Service Engineer, I&C Engineer
2	3/18 - 3/22	Discfilter System Dry Checkouts	Veolia Field Service Engineer, I&C Engineer. UGSI Field Service
3	3/25 - 3/29	Buffer week. Complete any remaining dry checkouts or resolve issues.	Veolia Field Service Engineer, I&C Engineer (TBD). UGSI Field Service (TBD)
4	4/1 - 4/5	Break	No personnel onsite (April 1-5)
5	4/8 - 4/12	Discfilter System Wet Checkouts / Training	Veolia Field Service Engineer, I&C Engineer
6	4/15 - 4/19	Discfilter System startup and optimization	Veolia Process Engineer
7	4/22 - 4/26	Discfilter System Demonstration Test (7 day)	Veolia Process Engineer
8	4/29 - 5/3	Discfilter Performance Test (TBD start of 30-day test)	Veolia Process Engineer
9-11	5/3 - 5/27	Discfilter Performance Test Weeks 2-4 (TBD)	Veolia Remote Support (as necessary)

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Status Report for Effluent Filtration Improvements Project

Activities This Period

- Attended monthly construction progress meeting for February.
- Closed Clean Water Fund Loan and Issued Pay Application 18.
- Reviewed Contractor submittals and answered Contractor questions.
- RFP 011 presented to Commission, was decided that project should go out for bid.
- 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 19.
- Begin preparation of final disbursement letter since project has reached the 95% complete mark.
- Prepare CWF loan disbursement 20 request to WDNR.
- Continue on-site construction observation services.
- System start-up and facility training on equipment is ongoing. Disc Filter and Chemical Feed System startups and I/O checkouts to begin in March 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

- CD Smith removed their and Engineers job trailer from the site.
- Sargent working on completing the site lighting around the areas effected by the project.
- Sargent working on completing 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 working on completing the wire pulls and terminations for chemical feed equipment, valves, gates, mixing motors and disc filters.
- Sargent working of 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 completed the touch up painting in Lactation Room and Women's Locker Room.
- Omni completed final painting of areas around Disc Filters.
- 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.
- Tile work near the lactation and women's lockerroom has been completed.

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

New storm/roof drain pipe insulation and jacketing in the Disc Filter area



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Automatic Transfer Switch work completed in Disc Filter Electrical Room



Sargent working on exterior light pole wiring



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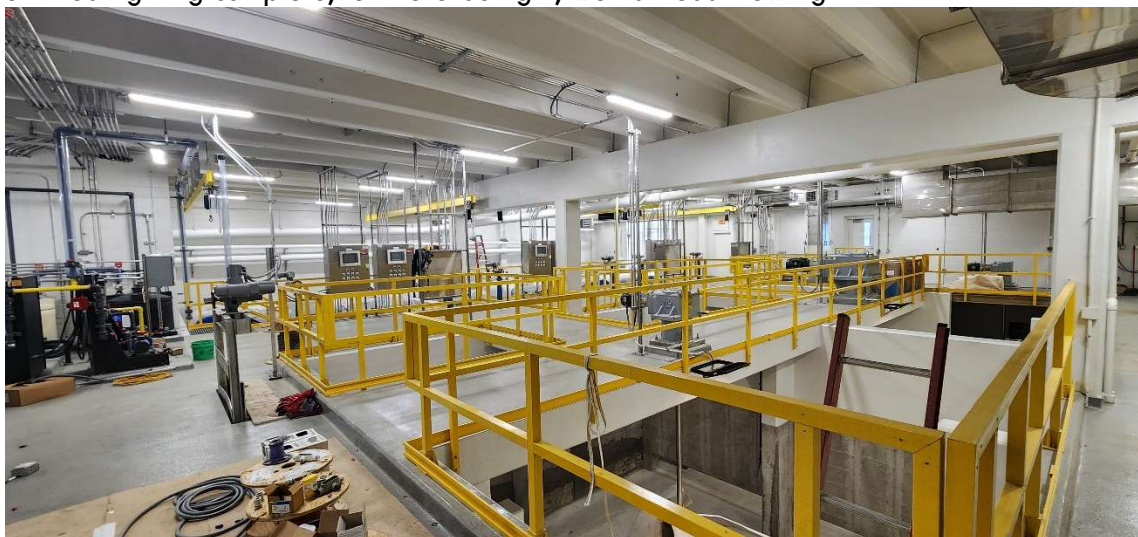
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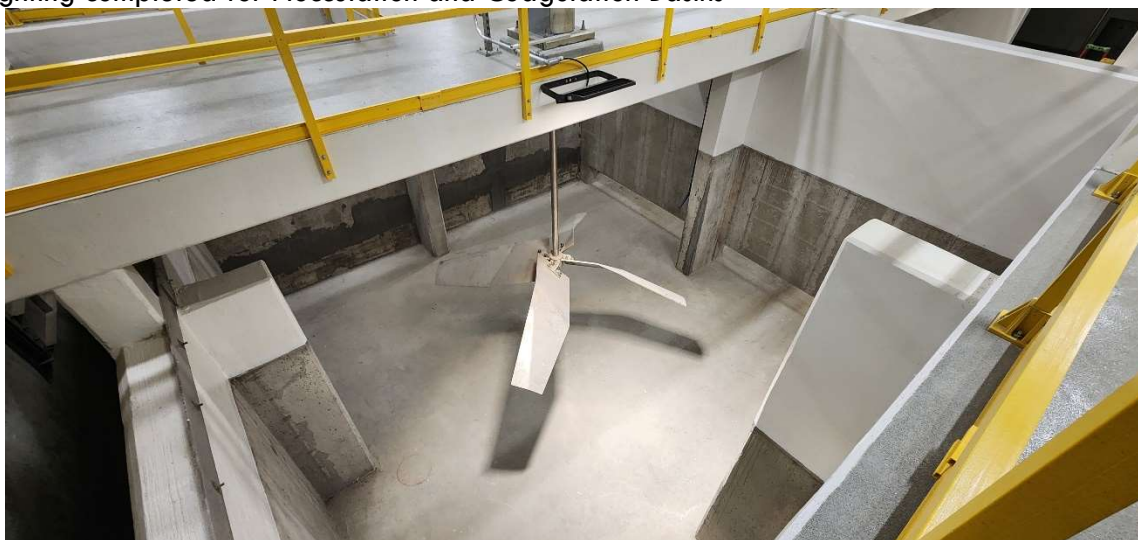
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Disc Filter Area lighting complete, let there be light, well at least new light



Basin lighting completed for Flocculation and Coagulation Basins



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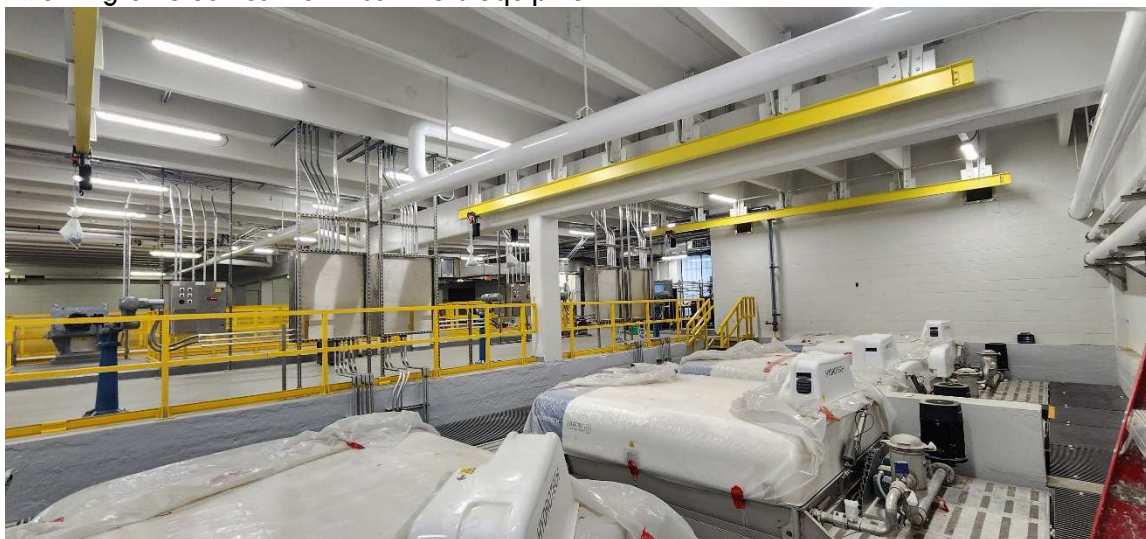
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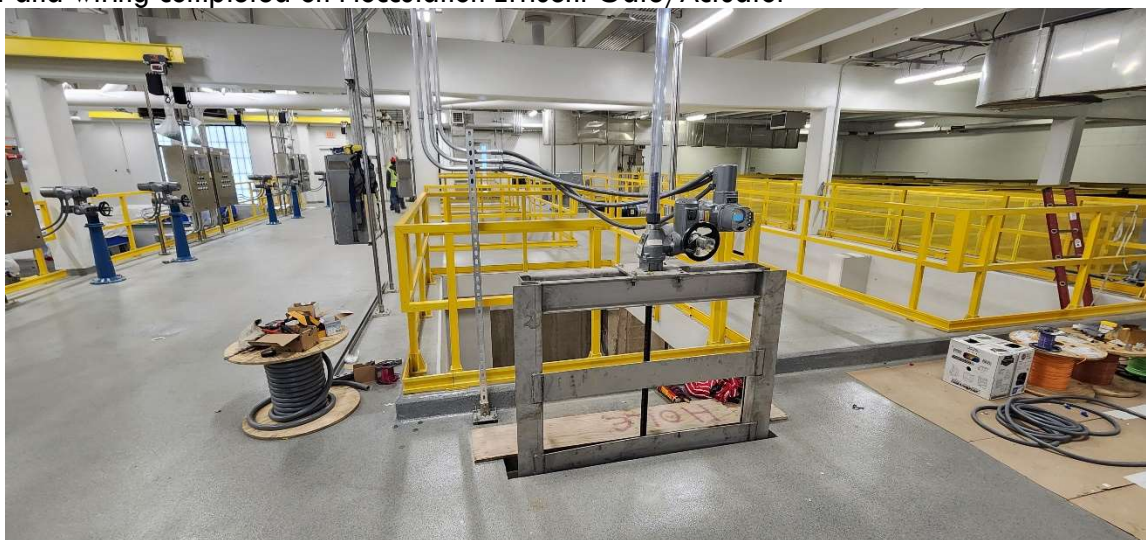
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Sargent working on electrical for Disc Filters equipment



Conduit and wiring completed on Flocculation Effluent Gate/Actuator



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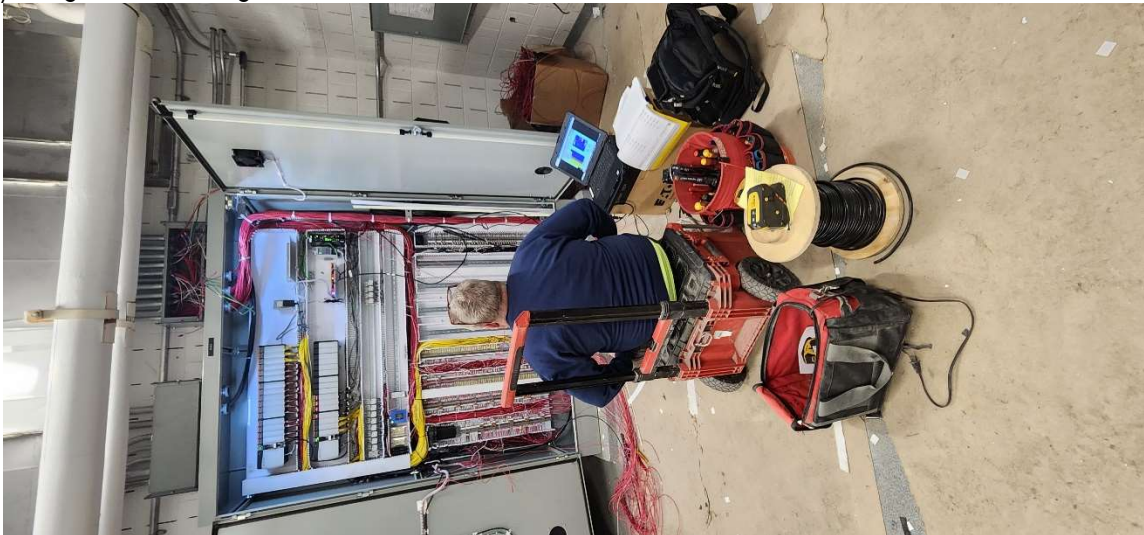
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August Winters completed the carrier jacketing of the batch tank connections for the Disc Filter chemical feed skids



Vendor/Integrator working on Disc Filter PLC for Disc Filter Valves



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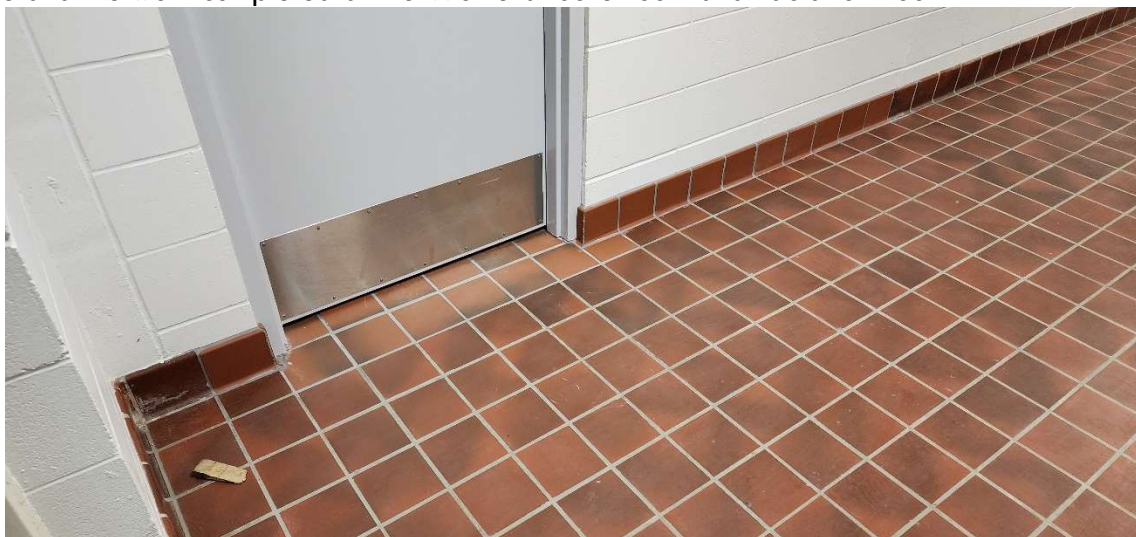
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Base tile and tile work completed at the Womens Lockerroom and Lactation Room



Insulation and jacketing of piping in Chemical Feed area ongoing



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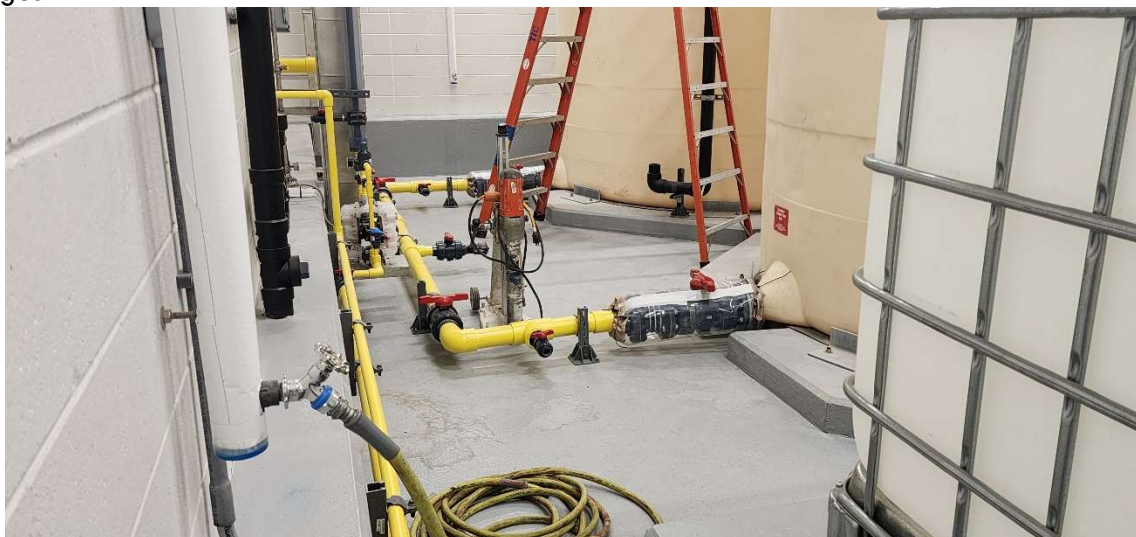
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Cabinet base installed in Lactation Room for Cabinetry



Chemical piping in Chemical Storage Room painted and pipe jackets installed on PRC Tank discharges



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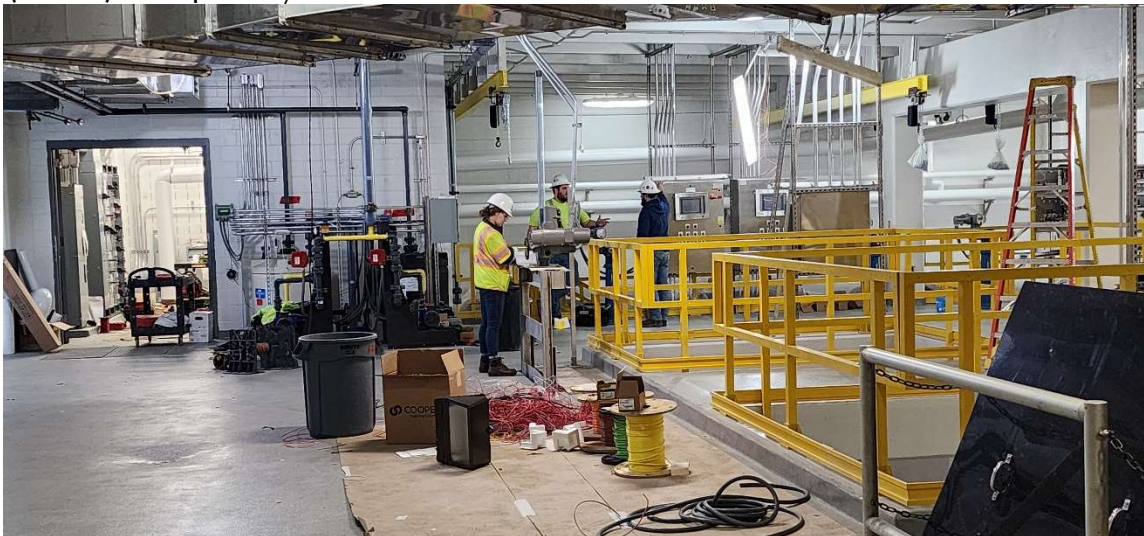
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The east end storage area now cleaned up of dumpsters, storage unit and graded for HOV use



Vendor (Dorner) startup and I/O checkout of Disc Filter Valves and Actuators



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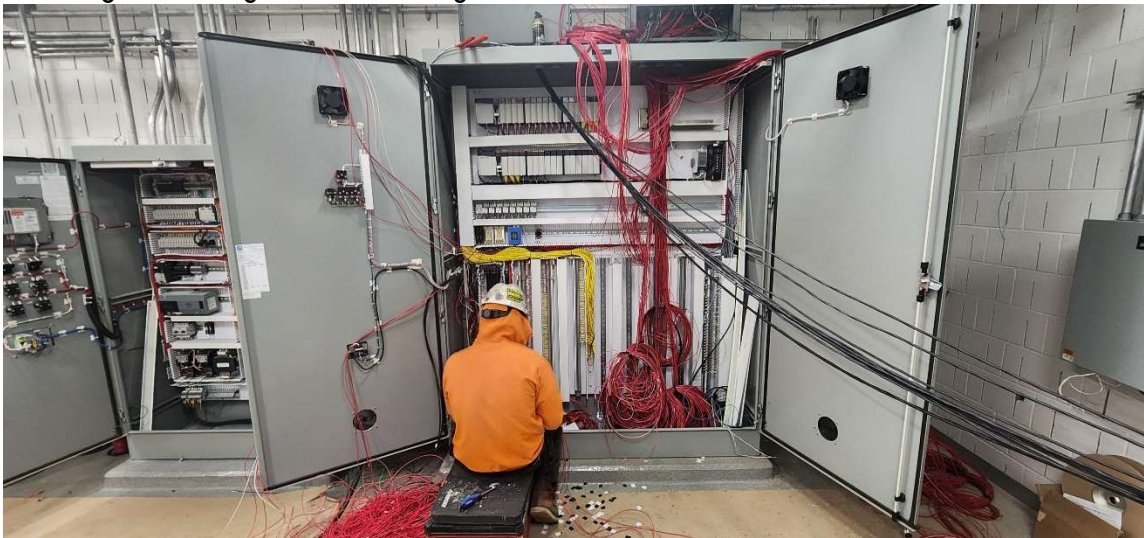
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Vendors and integrators working on the eleven gates and actuators startup and I/O checkout



Sargent working on landing and terminating wires in the Disc Filter PLC



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

Since the weather decided to be Spring like work on tree removal along the channel was started...



Now where will the ladies be able to relax and hide if the trees are removed



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Ok, had to get one more photo in that actually shows that we did have winter this year...

