



# THE DIRT

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## HYDROGEN PRODUCTION & FUELING FACILITY

The hydrogen production team in Wenatchee has hit major milestones this year, including completion of the membrane roof system, installation of owner-supplied equipment, building finishes, and installation of electrical. The team completed interior and exterior pipe rack and exterior trench drain and is nearing completion of all HVAC, plumbing, and fire suppression systems. In the coming months, IMCO crews will begin installation of the PLC and controls and communication conduit and will complete site work, including concrete for the fueling station driveways and mechanical pipe installation.

IMCO's Jordan Johnson recently earned his crane operations certification and has been providing tremendous value on the project. *"I have been able to work with Jordan on several projects over the years, and it's cool to see him grow from being a laborer and now into his new position as crane operator. Jordan has been doing a great job at the hydrogen facility, running the crane for us and doing whatever else is needed for the project,"* said Jonathan Bergford, project manager.

The project is scheduled to be complete by December of this year.

In late April, state legislators and stakeholders participated in a Mid-Columbia energy policy tour in Eastern Washington. The tour focused on Chelan County PUD, Douglas County PUD, and Grant County PUD assets and discussed the present and future of the PUDs' efforts to ensure reliable and cost-effective energy solutions for nearby residential, commercial, and industrial clients. On April 25<sup>th</sup>, the group toured IMCO's jobsite and the Hydrogen Production Facility project, which is the first phase of a \$40 million buildout that will eventually be able to produce 80 megawatts of green hydrogen.



Setting enclosure on the hydrogen compressors



Interior of the Hydrogen Production Facility



Aerial shot of exterior design build pipe rack



## NEW PROJECTS UNDERWAY

### LACTALIS WASTEWATER TREATMENT PLANT UPGRADES

On April 15<sup>th</sup> the Lactalis project team started work for a new IMCO client. **Lactalis Group is the number one dairy company in the world, with over 85,000 employees in 94 countries.** In 1999, Lactalis Group acquired one of their largest plants worldwide, in Nampa, ID. The facility is 326,000 square feet and produces mozzarella, mascarpone, shredded and string cheeses, and whey powder.

The project scopes consist of modifications and upgrades to the existing wastewater treatment plant. These include the construction of a new influent lift station, tertiary screen upgrades, and modifications at the existing wastewater filter system. Leading this project team are Wiatt Vasey and Taylor Barroso, who are excited to deliver a project and understand the challenges of working on a massive operating site.

The team has begun to dewater and excavate the location of the new cast-in-place concrete lift station, while also preparing the temporary disk filter bypass for the treatment of the plant's primary effluent discharge. After the temporary filter system is up and running, the team will then begin to demolish the existing sand filters and install new disk filters. The new filtration system is scheduled for startup in November, while the new lift station is targeting completion in February 2025.

### DELRIDGE WAY PEDESTRIAN BRIDGE SEISMIC RETROFIT

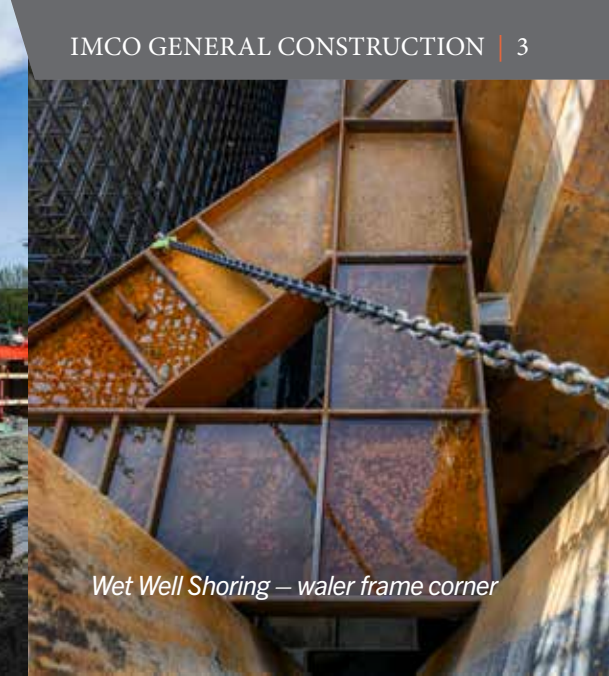
The Delridge Way Pedestrian Bridge Seismic Retrofit contract was awarded to IMCO by the Seattle Department of Transportation on February 5<sup>th</sup>, 2024. This project commenced in mid-April and includes work to upgrade the current five-span pedestrian bridge over Delridge Way SW in West Seattle. The current structure, which provides safe access for pedestrians between multiple community centers and residential neighborhoods, was originally constructed in the 1950's and does not meet seismic standards. This bridge is part of a larger program underway in Seattle to retrofit over 30 pedestrian bridges to improve pedestrian safety and seismic resiliency.

IMCO's scope includes partially demolishing the bridge and reconstructing new approach ramp features, reinforcing existing columns and footings, strengthening the main span of the superstructure, and completing street scape improvements. This challenging project requires that both directions of Delridge Way traffic remain open during construction. IMCO's crews will complete the demolition work while the main span remains in place over traffic.

The project team includes Assistant Project Manager Jake Lester, Field Engineer Nick Davey, Superintendent Russell Isam, and Senior Project Manager Alik Miller. The Delridge Way bridge is scheduled to be substantially complete in November 2024.



Wet Well and Retaining Wall Footing formwork and reinforcement underway



Wet Well Shoring – waler frame corner

### ROEDER LIFT STATION

Work is in full swing this spring at the Roeder Lift Station project in Bellingham, WA. IMCO's crew has completed installation of the sheet pile wall next to the BNSF railway and the cell protecting the 30-foot-deep structure. The concrete slab foundation is done, and crews recently completed the first of two major concrete pours that will serve as the walls of the building. In a few weeks they will have poured over 500 yards of concrete for this single wet well structure. The walls of the building are 40 inches thick. In the coming months, the project team will construct additional structures to make up the lift station; retaining walls, suspended slabs, vaults, and the electrical building. As long-lead mechanical and electrical equipment arrives, the work inside the lift station will be completed.

The IMCO crew working on the conveyance systems down Roeder Avenue is currently installing 1,050 feet of 18-inch watermain. There is lively activity along the busy waterfront roadway, making traffic control operations critical and laydown areas tight. Wes Brown is IMCO's main line excavator operator and is doing an incredible job with a highly talented pipe crew

At the end of the project the City will have an improved sewer transport system and a lift station with a capacity of 18 million gallons per day. The project is expected to be complete in early 2026.

*"We are making some real progress out here, with several exciting and technical scopes of work underway. The IMCO crew we have onsite is top-notch. It's great to see a lot of our westside veteran employees back in one place, with some new faces to fill out the crew,"* Said Cameron Vest, project manager.

### MOUNTAIN HOME AIR FORCE BASE

This month, IMCO and designer Stantec submitted the 60% design to the Idaho Water Resource Board (IWRB) and permitting agencies for approval. A crew of 20 craft people will mobilize in mid-May to early-June, when crews will begin cutting in access roads, welding HDPE pipe, and preparing the site for pipe laying. By the middle of June, 77,000 linear feet of HDPE pipe will be delivered. The rock-saw and trenchless drilling subcontractors will mobilize in June to excavate trenches and bore underneath the roadways. Pipe installation will follow their mobilizations in early June.

The project's main challenge has been navigating the permitting process with the Bureau of Land Management, Idaho Transportation Department, and Mountain Home Highway District which Erik Boschulte has adeptly managed. Project Manager Nick Miller commended Erik's persistence in working to overcome these hurdles.



Lactalis facility



Delridge Pedestrian Bridge





# HOLDEN OPERATIONS

On April 20<sup>th</sup>, the Holden team celebrated eight years of operating the mine water treatment plant at Holden Mine. IMCO has continuously operated the plant since finishing construction in 2016. Contaminated water from the existing mine portals and groundwater is captured to remove heavy metals before the treated water is discharged into Copper Creek. Since plant start-up the project team has had ZERO non-compliant discharges.

The 12-person Holden operations team consists of four day-shift operators, four night-shift operators, and four civil maintenance technicians. There are six people on site at a time, working two weeks on and two weeks off in 12 hour shifts. The plant runs 24 hours a day, seven days a week, and 365 days a year. While working, team members live on-site in a crew lodge that is staffed with a full-time cook/housekeeper and medic.

The treatment plant is located west of Lake Chelan in the Cascade Mountains. Team members must take a 20-mile boat ride up-lake from Fields Point Landing in Chelan to Lucerne, then drive 9 miles up a forest service road. The trip takes nearly two hours. All materials, chemicals fuel and supplies are barged to Lucerne, and trucked to the site.

The civil maintenance crew is responsible for the overall care and maintenance of the remediated landscape around the plant, 90 acres of tailings piles, forest service road, and Lucerne landing. This includes keeping the forest service road passable by removing fallen trees, rocks, and avalanches, maintaining the roads around the plant, removing snow from the road and the site in the winter, maintaining heavy equipment, and completing special projects around the plant. They help receive materials and supplies from the barge and bring them to the site.

The plant operators are responsible for all facets of running the water treatment plant. They monitor the incoming water quality, determine chemical usage, collect daily lab samples of influent and effluent, adhere to a strict plant equipment maintenance schedule, manage chemical and parts inventory, and perform regular rounds to make sure each part of the plant is operating at a high level.

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## IDAHO ENERGY STORAGE INFRASTRUCTURE

The Idaho Energy Storage Infrastructure crews have been hard at work setting owner-supplied equipment, including inverters, energy segments, and collection segments, with IMCO's 200-ton crane. All equipment will be set in place by mid-May in preparation for the electrical subcontractor to spend four weeks installing cabling to all 680 batteries.

Just as the team started demobilizing from the site in April, the project management team received another additional scope of work to provide a pre-engineered metal storage building onsite. IMCO will perform the earthwork and foundation and will supply and build the 40 by 50 metal building, which will store spare parts for the energy storage facility.

This contract has grown from having a six-month duration to becoming a two-year project. The contract growth is a result of the entire team performing at a high level and the trusting relationship with the client.

“Project Manager Ty Johnson and Sean Barnes, superintendent, have facilitated, built, and nurtured this trusting relationship with this client and have continuously delivered work on schedule. **Thank you, to Ty and Sean for the hard work and commitment to success on these projects,**” said Operations Manager Brett Himes.