

CONSTRUCTION NOTICE: Soil Freeze at Friars Road and Napa Street

Aug. 21, 2024

Construction crews are continuing soil freezing operations at Diversion Structure #3, part of the Morena Pump Station's underground infrastructure and located just west of the Friars Road and Napa Street intersection. **Crews have started using liquid nitrogen for soil freezing. As the ground flash freezes, the frozen soil interacting with the surrounding air results in condensation. Community members may notice clouds of condensation around the work area.**

What To Expect: Clouds of condensation around Diversion Structure #3, the work area located just west of the Friars Road and Napa Street intersection, as part of soil freezing operations.

Soil freezing has been ongoing since March and crews have started using liquid nitrogen for the operation. Soil freezing is an innovative construction technique that stabilizes soil, improves site conditions and allows excavation to progress while minimizing water intrusions into work areas. Soil freezing involves installing a closed system of pipes into the ground and running refrigerant through the pipes, freezing the surrounding soil and creating an extremely stable and impermeable wall.

When: Soil freezing with liquid nitrogen will continue through Monday, August 26. Please note that construction schedules are subject to change due to weather impacts, site conditions and operational issues.

Why: Pure Water San Diego is the City of San Diego's phased, multi-year program that will provide nearly half of San Diego's water supply locally by 2035. The Pure Water Program will use proven water purification technology to clean recycled water to produce safe, high-quality drinking water. The Program offers a cost-effective investment for San Diego's water needs and will provide a reliable, sustainable water supply. The Morena Pump Station project is one of several major water infrastructure projects that are part of Phase 1 of Pure Water San Diego.

The City is committed to clear communication and providing up-to-date information about construction activities. Properties along the construction area will receive printed notices before work begins near their address, and construction notices will be regularly posted on morena.purewatersd.org. Please contact purewatersd@sandiego.gov or **833-MOR-PWSD (833-667-7973)** with questions about the City's Pure Water Program and the Morena Pump Station project, and a team member will get back to you within one business day.