

PROGRESSING FORWARD

MONTEREY ONE WATER'S COMMITMENT TO CONTINUOUS IMPROVEMENT

Infrastructure, technology, and major equipment are the foundation for providing service to our customers. Monterey One Water's Capital Improvement Plan identifies upgrade and replacement projects to ensure our system functions now and into the future. The proposed rate increases will provide needed funding to complete the critical projects currently scheduled for the next five years.

1 PUMP STATION UPGRADES: We will upgrade or rehabilitate nine critical pump stations which are essential for continuous delivery of wastewater to our Regional Treatment Plant. Improvements include replacing pumps, electrical equipment, water and odor control systems, and more.

2 INTERCEPTOR REHAB: An interceptor is a major sewer line that directly transports wastewater to a treatment facility. We will replace manholes and several air release valves along the Pacific Grove Interceptor due to corrosion.

3 PLANT IMPROVEMENTS: All wastewater, regardless of origin, enters the Regional Treatment Plant through the Headworks system. We will replace a 25-year-old by-pass system at the Headworks to prevent untreated overflows to the outfall and to allow safe access when performing maintenance. Throughout the Plant, we will also upgrade several 35-year-old motor control centers. Motor control centers are units to control electric motors from a central location. They operate our pumps and other process equipment to meet regulatory requirements. Additional modernizations at the Plant will include replacing components of our fire suppression system, upgrading the Class C water pump station, and establishing a new potable water source for the Plant.

4 LAB IMPROVEMENTS: We will initiate and complete the design of a new laboratory space. This is required for all instrumentation to analyze samples, optimize operational processes, verify the integrity of the treatment processes and water quality, and ensure regulatory requirements are met.

5 OUTFALL STABILIZATION: Our ocean outfall pipeline travels from the Regional Treatment Plant to the coast where it extends about two miles into the Monterey Bay. It was installed in the early 1980s and the junction structure where the land and ocean pipes meet needs to be replaced. Due to beach erosion and other potential climate change impacts, it will be moved inland, approximately 500 linear feet, farther away from the mean high tide line, to prevent a collapse of the line.

6 ENERGY MANAGEMENT: We will replace a failed, 30-year-old cogeneration transformer that helps deliver and manage power to the Plant. This will provide better energy reliability and redundancy. To further these efforts, we will also replace a 21kV electrical switchgear that reached the end of its useful life in 2019.

