

**Regional Urban Water Augmentation Program (RUWAP)**

**Phase II - Distribution Pipelines**

***Project Information Sheet***

**For questions or additional information please call 831.384.6131 or visit [www.mcwd.org](http://www.mcwd.org)**

Owner: **Marina Coast Water District**

Engineer: **Carollo Engineers**

Construction Manager: **Harris & Associates**

Contractor: **Monterey Peninsula Engineering**

Project Construction Cost: **\$9,590,878**

Construction started in July 2020 and is anticipated to be completed: **December 2021**

On June 15, 2020, the MCWD Board of directors awarded a Construction Contract to Monterey Peninsula Engineering for the District's Regional Urban Water Augmentation Project (RUWAP) - Recycled Water Distribution Pipelines phase, which also includes three potable water line projects. The RUWAP consists of the construction of recycled water distribution pipelines to provide recycled water from the Monterey One Water's (M1W) Advanced Water Treatment Plant (AWTP) north of Marina to urban users in the MCWD service area and former Fort Ord, which include the Cities of Marina, Seaside, Del Rey Oaks, the County of Monterey and California State University Monterey Bay.

- The recently completed recycled water transmission main and recycled water reservoir phase of the RUWAP was the first phase of construction to build the District's recycled water system pipeline network, and is currently being used to deliver advanced treated water from M1W's AWTP to the Seaside Groundwater Basin (SGB) for the Pure Water Monterey (PWM) Groundwater Replenishment Project (GRP).
- This next phase of the RUWAP is to construct recycled water distribution mains branching off the completed transmission main to connect the various recycled water irrigation systems already constructed within the District. Irrigation systems for several subdivisions and commercial developments built within approximately the last 15 years are pre-plumbed for recycled water irrigation in public areas, and this distribution phase of the RUWAP will supply those irrigation systems with recycled water.
- The Project consists of constructing approximately 5 miles of 8-inch diameter to 16-inch diameter ductile iron and PVC recycled water and potable water pipelines in paved and non-

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paved roadways and easements, connecting to existing pipelines, pipeline valves and appurtenances, a guided auger bore trenchless roadway crossing, twelve pressure reducing stations and roadway paving for a complete in-place operational system. The three potable water pipelines were included in this project to minimize the number of street closures and to realize cost savings associated with constructing side by side projects at the same time as opposed to constructing them as two separate projects.

- Trenching and pipeline construction is currently planned to start in late July through August on Carmel Avenue, Crescent Avenue and Beach Road, then proceed to Marina Heights Drive, Abrams Drive and Imjin Parkway in September, Coe Avenue in September through October and Blanco Road & Reservation Road in October through November. Road re-paving will occur after each pipeline location is constructed.
- The benefits from recycled water projects will be the ability to deliver recycled water to existing and future irrigation systems to use recycled water instead of potable water for non-residential landscape irrigation.
- The benefits from the potable water line projects is increased hydraulic reliability for more consistent water pressures and fire flows.
- The impacts of both projects will be the traditional inconveniences during road construction while new pipelines are constructed under the roads. Throughout the construction process, Monterey Peninsula Engineering (M.P.E.) and MCWD will keep the community informed on progress and potential traffic impacts with Project Information Signs, Variable Message Boards and neighborhood door hangers. One-way traffic will be accommodated in all instances, but drivers should expect and may experience delays. While this activity is in progress, access to driveways/streets *may* be limited and delays may be experienced. Working hours will be between the hours of 7:00 a.m. and 5:00 p.m., Monday through Friday. All work zones will be secured at the end of each workday. ***The District & M.P.E. are committed to completing this work quickly, efficiently and safely and appreciate the public's patience and understanding.***

#### **Specific RUWAP Distribution Phase components:**

##### **Recycled Water Lines:**

1. Beach Road Recycled Water Line and Pressure Reducing Station – 3790-ft of 8-inch from Del Monte Blvd to Crescent Avenue

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2. 9<sup>th</sup> Street Recycled Water Line and Pressure Reducing Station – 975-ft of 8-inch from Sea Glass Avenue to 5<sup>th</sup> Avenue
3. Carmel Avenue Recycled Water Line and Pressure Reducing Station – 2735 of 8-inch from Vaughan Avenue to just past Carmelo Circle
4. Imjin Parkway Recycled Water Line – 3200-ft of 12-inch from Abrams Drive to Reservation Road
5. Marina Heights Drive Recycled Water Main and Pressure Reducing Station – 240-ft of 16-inch east from California Avenue
6. Abrams Drive Recycled Water Line – 1350-ft of 12-inch from MacArthur Drive to Imjin parkway
7. Blanco Road Recycled Water Line – 584-ft of 12-inch from Reservation Road to Research Drive
8. Reservation Road Recycled Water Main– 5163-ft of 12-inch from Blanco Road to Inter-Garrison Road
9. Patton Parkway Pressure Reducing Station – located at Patton Parkway & California Avenue
10. Coe Avenue Recycled Water Line and Pressure Reducing Station – 1127-ft of 8-inch from Seaside Middle School to Pacific Crest Drive

#### **Potable Water Lines:**

1. Beach Road Potable Water Line – 2748-ft of 12-inch from Del Monte Blvd to De Forest Road
2. Crescent Avenue Potable Water Line – 518-ft of 12-inch from MCWD Reservoir #2 to Crescent Avenue
3. Imjin Parkway Potable Water Line – 2768-ft of 12-inch from east of Abrams Drive to Reservation Road

#### **About the Marina Coast Water District**

The Marina Coast Water District serves more than 30,000 customers in the Monterey Peninsula's fastest growing and most diverse communities – the City of Marina and the Ord Community. The District is dedicated to providing high quality water, wastewater and recycled water services through management, conservation and development of future resources at reasonable costs.

Attachment: RUWAP Overall Projects Map

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