

Recycled Water Program

The Oceanside Water Department is embarking on an aggressive recycled water program over the next 10 years. The first of several projects has been divided into 4 phases as follows:

Phase 1 –Recycled Water Conversion and New Recycled Pipelines: This phase will convert the existing 10-inch diameter Brine pipeline to a dedicated recycled water pipeline. This phase also consist of 967 linear feet (LF) and 3,687 LF of 10-inch diameter pipeline construction to serve recycled water to the Goat Hill Golf Course and to the El Corazon Recycled Water Reservoir, El Corazon Athletic Fields, and a new recycled water filling station.

Phase 2 – SLR Pump Station Upgrades: This phase will upgrade the existing 100 horsepower pump station at San Luis Rey Water Reclamation Facility (SLRWRF) to serve recycled water through the converted 10-inch Recycled Water Pipeline. This pump station is designed for the immediate anticipated demand and will be replaced and/or upsized once the recycled water demands exceed the capacity of the 10-inch recycled pipeline.

Phase 3 – New 1 MG Recycled Reservoir at El Corazon: This phase includes a new 1 MG storage reservoir and pumps located in the southwest area of El Corazon.

Phase 4 – New Recycled Treatment and 12 KV Primary Metering Station:

This phase includes a new 1.5 MGD tertiary recycled water treatment process at SLRWRF and a new primary metering electrical substation to support the upgrades at the treatment plant.

The first project, awarded by the Oceanside City Council on May 6, is phase 1 of the El Corazon Recycled Water System. This project, as briefly described above, consists of converting an existing 10-inch brine pipeline to a recycled water pipeline. Staff estimates as part of this conversion project, the pipeline will be isolated from all other connections between the San Luis Rey Water Reclamation Facility and the Ocean Outfall. The project also includes installing an additional 4,654 linear feet (LF) of new 10-inch pipeline to deliver recycled water to Goat Hill Golf Course (formerly Center City Golf Course) and the El Corazon Sports Complex.

This recycled water pipeline conversion project will provide the infrastructure required to deliver recycled water to these large water users while reducing the overall potable water demand. This conversion project along with other future recycled water projects will provide the infrastructure necessary for distributing recycled water throughout the City, ultimately decreasing the use of potable water for irrigation purposes.

