

# Fred Hervey Water Reclamation Plant



## QUICK FACTS

- Located at 11700 Railroad Dr. (79934)
- Operational in 1985
- 12 MGD Treated/Distributed

## Plant Function

The Fred Hervey plant treats 12 million gallons of wastewater daily from nearby homes, businesses and industries. The reclaimed water is sent to irrigation and industrial users. Customers include the Newman Power Plant, Painted Dunes Golf Course, and the Northeast Regional Park. Every gallon of reclaimed water used reduces the amount of water pumped from the Hueco Bolson aquifer or diverted from the Rio Grande.

The plant further treats reclaimed water to drinking water standards and uses it to replenish the aquifer through injection wells and infiltration basins. It was among the first in the nation to create drinking-quality water by treating used water and demonstrate the feasibility of artificial aquifer recharge.



## Area(s) Served

Northeast El Paso

## Renovations/Upgrades

In order to meet federal standards, a few upgrades were made over the years. In 2004 there was a centrifuge system upgrade in order to speed up the extraction process. Then later in 2009 the 3rd train wastewater process was upgraded, and in 2010 the disinfection system was improved.

## Awards Received

- 1994 AMSA Public Information and Education Award
- Second place in the 1994 national USEPA Operations and Maintenance Excellence Award, No Discharge Category
- 1998 American Water Works Association's Conservation and Reuse Award
- In 1999, the plant received special recognition by the El Paso Del Norte Region Mission Possible-Survival Strategies in the category "Protection and Conservation of the Environment." The plant has received eight NACWA Gold Awards and three Platinum Awards for perfect program compliance under the expanded NACWA Peak Performance Award program since 2006.

## Interesting Facts

This plant was one of the first in the nation to treat reclaimed water to drinking water standards. Since 1985 the plant has returned nearly 30 billion gallons of water to the aquifer.