

# **North Valley Regional Recycled Water Program Fact Sheet**

## **Overview**

The Del Puerto Water District (District) and the cities of Modesto and Turlock (Cities) have developed the North Valley Regional Recycled Water Program (Program) to address water supply shortages in the District's service area, located on the west side of the San Joaquin River in San Joaquin, Stanislaus and Merced counties, south of the Sacramento-San Joaquin River Delta.

The Program will provide the Cities' tertiary-treated recycled water to the District for irrigation purposes through a new pipeline that will discharge into the Delta-Mendota Canal.

Additionally, the Program will provide water to Central Valley Project Improvement Act (CVPIA) wildlife refuges located south of the Sacramento-San Joaquin River Delta.

The Program is a "first of its kind" in California, as well as possibly the western United States, and sets the foundation for similar future projects.

The Program's capital cost is approximately \$82.5 million with construction taking approximately 18 months to complete. Project is expected to be completed sometime in early 2018.

## **Contract Term**

Reclamation's agreement with the District was executed on August 12, 2016 and shall remain in effect through February 28, 2060. This agreement may be extended upon mutual agreement of the parties.

## **Contract Funding**

Reclamation will provide the District with 10 million dollars within 60 days of the execution of the agreement and Reclamation or one its partners will provide the remaining 15 million dollars with 24 months of the execution of the agreement. The 25 million dollars provided to the District will be applied to the base rate of all future water purchases until the full amount has been expended. Once the 25 million dollars has been expended the RWSP will begin paying the District for the base supply of water on a monthly basis. The 25 million dollars will also help reduce the price of the water by reducing the amount of interest paid by the Cities and in turn by the District and the RWSP.

### **Price of Water**

The base price of the water shall be equal to the rate annually set by the District's Board of Directors and charged to the District's landowners. The base rate will not exceed \$225 per acre feet. The District and the RWSP will also pay for O&M and that rate will be determined annually and is estimated to be around \$30 per acre foot

### **Water Made Available**

Beginning in 2018, up to 27,000 acre-feet of tertiary-treated recycled water is expected to be discharged annually into the Delta-Mendota Canal with up to 20,000 acre-feet going to the District and up to 7,000 acre-feet going to wildlife refuges.

At full implementation, which is anticipated to occur at the Cities build out in about 40 years, the Program could produce up to 59,000 acre-feet of tertiary-treated recycled water annually with up to 43,000 acre-feet going to the District and up to 16,000 acre-feet going to wildlife refuges.

### **Purchased Water**

The RWSP will purchase 20% of the Project water estimated to be 5,000 – 12,000 acre feet per year.

### **Exchanged Water**

The RWSP will exchange with the District 80% (or approximately 19,000-46,800 acre feet per year) of the Project water at an exchange rate of 1 to 1.1. Amount of water expected to be made available to refuges through the exchange is estimated to be 2,000 - 4,000 acre feet per year.

### **Total Estimated New IL4 Water from Project**

Over the 44 year life of the contract we anticipate receiving 350,000-450,000 acre feet of new IL4 water

### **Water Quality**

NVRRWP water discharged into the Delta Mendota Canal is subject to the California Regional Water Quality Control Board's waste discharge permit requirements.