



UTILITY PROJECT

CIP 11-009 AIRPORT WATER RECLAMATION FACILITY EXPANSION PROJECT

During 2010, the City contracted with a professional engineering firm to complete the Sundog Wastewater Treatment Plant (WWTP) and Airport Water Reclamation Facility (WRF) Capacity and Technology Master Plans. The study revealed that wastewater BOD and TSS strength at both treatment plants have nearly tripled since the most recent upgrade (1998) lowering the treatment capacity for the Airport WRF to 1.2MGD. Currently, average daily flows to the plant are 1.1 MGD; therefore plant expansion is necessary to handle committed capacities and projected growth in the area. The treatment capacity recommended for the next phase of the Airport WRF was established at 3.75 MGD. Three phases are recommended from the Master Plan with a total recommended build-out capacity of 9.6 or 15 MGD (dependant on the City's decision for one centralized treatment plant in the future).

The City has completed contracts with Water Works Engineers for the design of the expansion project and PCL/Fann Environmental Joint Venture as the Construction Manager at Risk (CMAR). The final design plans were completed in early Fall of 2012. The CMAR contract for construction was awarded by City Council on October 23, 2012 and the notice to proceed for construction was given on November 12, 2012.

The contractor has finished construction of the new plant. Commissioning of the new plant is starting on Monday August 4, 2014. The project was substantially completed on November 14, 2014.

The Prescott Airport Water Reclamation Facility, Prescott's largest capital improvement project, was completed with attention to quality, on schedule, and under budget. Its success is contributed to proactive planning, synergistic team building and creative project delivery. Prescott government, management, and staff developed a comprehensive Master Plan that considered all available technical, funding and implementation options. The plan allowed for flexible growth (centralized versus decentralized treatment). During design, Prescott and Waterworks Engineers worked with the CMAR (PCL/Fann) to implement ideas that reduced project cost while maintaining the City's quality goals. Participation of local businesses and public feedback was encouraged throughout the project.

Visit: www.prescottroadconstruction.com for additional project information.

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