



**CITY OF PRESCOTT
PUBLIC WORKS DEPARTMENT**

PROJECT UPDATE

Project Name:

Airport Water Reclamation Facility Phase 1 Expansion Project

Date:

May 30, 2014

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 1.2 MGD. 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 operations, maintenance, filter, Headworks, RAS WAS PS, and Blower Chemical and Electrical Buildings. The aeration basins, clarifiers and effluent pump station are complete. Currently various equipment is being tested including pumps, mixers, blowers, filters and various instrumentation. Wastewater staff is scheduled to move into the new Operations Building within the next few weeks and the plant will begin start up procedures for the new plant by the end of June.

Truck traffic will be minimal with equipment and concrete deliveries to the project.

**City Contact Information
Project Manager:**

Jeff Low, Project Manager 777-1130

Airport Water Reclamation Expansion Project
May 28th, 2014 Construction Pictures



Picture 1 – Aeration Basin



Picture 2. Clarifier



Picture 3. Headworks