CITY OF PRESCOTT Everybody's Hometown	**CITY OF PRESCOTT** **PUBLIC WORKS DEPARTMENT** **<u>PROJECT UPDATE</u>**
Project Name:	**Airport Water Reclamation Facility Phase 1 Expansion Project**
Date:	December 6, 2013

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 is currently working on construction of the aeration basin, clarifiers, chlorine contact basin, RAS-WAS Pump Station, BCE Building, Filter Building, Maintenance Building, Operation Building and Headwork. Utility trenching for electric, water, effluent and sewer lines is ongoing at the site. The generator is scheduled to be delivered and installed on November 25, 2013.

Unisource is installing a natural gas line extension from the Melville Road round-a-bout into the project site.

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

The construction phase of the project will last until Fall of 2014.

City Contact Information Project Manager:	**Jeff Low, Project Manager** 777-1130

Airport Water Reclamation Expansion Project
November 27, 2013 Construction Pictures

Picture 1 – Aeration Basin

Picture 2. Clarifier with RAS WAS Pump Station

Picture 3. Headworks