

## South Willard Area System

Based on future growth data provided by Box Elder County, the South Willard Water Company (SWWC) will not be able to supply all of the future demand in the South Willard area. In order to meet the future demand, the District intends to provide a new culinary system for newly developing areas to be served by the District outside of SWWC's service area.

The pipeline will lead to a proposed SWWC connection on Highway 89 and to non-SWWC retail areas to the southwest. BRWCD drilled a well on the site in 2006.





Clear water from newly drilled Well 2006

BRWCD is now in the construction phase of a culinary system for the South Willard area. The bids were awarded to Build Inc. for construction of a one million gallon reservoir; Counterpoint Construction for a pump station; and Rupp Trucking for the pipeline from the pump station to Highway 89 at approximately 8200 South. Completion of the project is scheduled for Fall 2009.



Completed grading & compaction for Reservoir 2009



Construction 2009

The District is working with Pineview Water Systems to provide a secondary water system for areas served by SWWC and the District to preserve the limited culinary water supply for indoor use only.

## South Willard Project Updates

May - June 2009

The South Willard Culinary Water system is nearing completion. A 1,000,000 gallon reservoir has been constructed and will soon be backfilled and ready for water.



The above photo shows the rebar covering the roof of the reservoir in the process of installation prior to the pouring of the deck on the reservoir in May of 2009.



The deck of the reservoir is being poured and finished in this photo taken on May 21, 2009. The Reservoir has now had forms removed and the hatches completed. There is still back-filling and piping to be completed before filling the reservoir and doing testing procedures.

The pump station is still under construction and is approximately 80% complete. The masonry walls are up and the trusses in place waiting for the roofing. The pump and piping have been installed. The process of boring under the Ogden-Brigham irrigation canal to provide the power line to the pump station is now underway.



Masonry construction beginning on the pump station

May 2009

Despite a million rocks, a pipeline has been installed from the Construction site to Highway 89. The borings under the Ogden-Brigham City irrigation canal and Highway 89 have been completed. A PRV station will be installed on the west side of Highway 89 and a connection made to South Willard Water Company.



## Pipeline Installation

May 2009

South Willard Project - November 2009

The South Willard Culinary Water Project is nearing completion. Construction of the 1M gallon reservoir is substantially complete and pipelines from the reservoir to the pump station have been laid.





1 M Gallon Reservoir - October 2009



The Pump Station is very close to completion. Power is now available and the pump is up and running. The reservoir has been filled and tested. The pipeline from the reservoir to Highway 89 has been installed and connected to the meter stations along Highway 38 that will deliver water to our customers.



The overflow basin has been tested and is working well.



## South Willard Culinary Water System - January 2011

The Bear River Water Conservancy District has now received an operating permit from the Utah Division of Drinking Water to begin water service from the newly completed system.

The District is ready to provide water to the South Willard area. Culinary water will be sold to South Willard Water Company for their system. New development will now be able to receive retail culinary water service from the District.



The District was working with Pineview Water Systems on a secondary water system in order to ensure that the culinary water is not used for outdoor watering due to the limited amount available. The secondary water system has now been postponed. The District did not receive the required amount of participation by the South Willard residents to move forward with the project.