



Luke AFB Surge Suppression Tank Design and Installation *Design Build*

FE served as the design builder on this project, subcontracting this work to Weston Solutions. Luke AFB had been experiencing severe pressure spikes in the water system. To investigate the situation, Weston Solutions performed a surge analysis and determined that the three wells, which supply the system, needed to be equipped with surge controls. FE reviewed this information and designed each well site to contain a 500 gallon surge tank, new well head discharge piping, a pump to waste line, and new Cla-val check valves and pump to waste valves. FE worked with ADEQ to get permit approval. FE began installing the new equipment in July of 2009 with completion anticipated in August 2009. FE is responsible for commissioning, As-Builts, and final ADEQ permitting.

Owner: Luke Air Force Base
Role: Design Builder
Contract Amount: \$266,100
Final Contract Amount:
Project Start Date: July 2009
Project Completion Date:



Fann Environmental Key Personnel:

Jeff Sawyer - Contracts Manager & Project Estimator
Robert Upton - Design Engineer & Project Manager
Mark Clevenger - Superintendent



References:

Michael Barone, PE, Sr. Project Manager, Weston Solutions, 480-477-4905
Alan Thomas, PE, Restoration Project Manager, LAFB, 623-856-3621