

This project proposes to destroy four (4) municipal water wells owned by the Elk Grove Water District. The four (4) wells proposed for destruction are permanently inactive. The four (4) wells are located in the Central Basin of the Sacramento County Groundwater Basins. This project supports the goals and objectives of the Central Sacramento County Groundwater Management Plan (GWMP) by protecting and enhancing the groundwater basin. The Basin Management Objectives (BMOs) of the GWMP include addressing water quality issues. Specifically, the GWMP includes well destruction as a BMO component to protect groundwater resources.

The following is a description of the Quality Assurance and Quality Control (QA/QCP) program that will be used for the project.

Personnel Qualifications

The work plan for the destruction of the wells will be written by a licensed California Professional Engineer who is experienced with the work to be performed and supervised. The Professional Engineer will play an active role during construction to insure that the work plan is closely adhered to by the well drilling contractor. The Professional Engineer will be onsite regularly to monitor the construction. Additionally, the engineer will assign a District representative whose primary responsibility will be to monitor, inspect and make notations in a daily field log to insure the work is performed according to the work plan. Related to construction, only a contractor holding a current State of California C-57 Well Driller license shall be used for the destruction of the wells.

Standardized Methodologies

The destruction of all wells shall comply with the following codes, standards and recommended practices.

- State of California Water Code, Section 13750.5
- State of California, Department of Water Resources (DWR), Bulletins 74-81 & 74-90
- Sacramento County Code, Section 6.28.040.B (Destruction of Wells)
- County of Sacramento, Destruction of Supply Wells and Exploratory Holes (Borings)

Procedural Assurances

The Sacramento County Environmental Management Department (EMD) will be consulted during the development of the work plan to insure that the proposed well destructions meet the requirements of the Sacramento County EMD. During construction, the District's onsite representative will ensure that the contractor possesses a copy of the work plan onsite at all times. The District's representative will note in the daily field logs the progress of construction and any approved variances from the work plan. The Professional Engineer responsible for the work plan shall pre-approve any variances to the work plan. Justifications for the variances will be clearly identified in the field logs. Special attention will be paid during the filling of sealing material of each well. The placed volumes of sealing material in each well will be corroborated by independent calculations performed by the Engineer. The volume of sealing material shall at least equal or exceed the volume of the well hole to be sealed. The District shall provide Sacramento County EMD with verification that the volume requirement has been met.