

Aerojet Groundwater Remediation Project

In February of 2004 N-Nitrosodimethylamine (NDMA) was detected in an Aerojet monitor well located near Grant Avenue and Hollister. NDMA is a byproduct of combustion from Solid Rocket Fuel and is believed to be a possible carcinogen. Since that time Aerojet has installed seven monitor wells to identify the extent of the contaminant plume. Of the seven monitor wells, four wells are free of contaminants and three wells located at Amy Avenue, Ancil Hoffman Park and Grant Avenue have detections of NDMA ranging from 2 ppt to a high of 93 ppt.

In July of 2005 Carmichael Water District and Aerojet signed a Memorandum of Understanding (MOU) for a groundwater remediation project. The goal of the MOU is to capture, remediate and prevent migration of groundwater contaminant plumes from reaching CWD groundwater supply, without any financial impacts to CWD customers.

In December of 2005 the engineering design began for the Ground Extraction and Treatment Plant (GET L1) located at the Bajamont Way Water Treatment Plant. In late September 2006 the construction of the GET L1 facility began. The project is on schedule and will be operational by mid September 2007.

The GET L facility located inside Ancil Hoffman Park will be presented to the Sacramento County Board of Supervisors on August 14, 2007 for approval. The schedule for the GET L project will be out to bid October 2007, bid awarded November 2007, construction beginning March 2008 and completion December of 2009.

This project will help capture the groundwater contamination plume from Aerojet, protect CWD's groundwater supply, provide an irrigation supply to Ancil Hoffman Park (which will significantly reduce the County's water usage and consequently save them over a \$100,000 per year on their annual water bill), provide water to help improve ponds at the Effie Yaw Nature Center and provide CWD some operational flexibility at the Bajamont Way Water Treatment Plant.

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