

# Groundwater Fact Sheet

## Former Fort Ord, California

### Community Involvement Workshop, July 10, 2002

#### On-going investigations/work:

- The Carbon Tetrachloride Study Area has now become an Operable Unit and will be referred to as the Operable Unit Carbon Tetrachloride Plume, or OU CTP for short. A map of the area of this investigation is shown below. The “OU” status means that a remedial investigation and feasibility study will be started for this site, which will ultimately lead to the development of a record of decision (ROD) so that restoration of the aquifers can begin.
- The quarterly groundwater monitoring program is continuing to provide data that is used to assess the condition of the aquifers beneath former Fort Ord. About 150 wells are sampled every three months using passive diffusion bag (PDB) sampler technology, which saves a considerable amount of time and resources. A summary of results from these sampling events are published every three months or so, and details including graphical representations are published annually.
- Remediation of the OU 1, the OU 2, and the Sites 2/12 plumes are all continuing, although several alternative technologies are being tested at the OU 1 and Sites 2/12 plume to potentially speed up the cleanup time. More information on the results of these tests should be available this summer.

#### Future OU CTP field work program:

- This July residents in the Preston Park housing area should expect to see some activity for an investigation of the soil gas to depths of 60 feet. A small direct push rig will be working along Preston Drive and in the brush area for about five days. This activity involves pushing a hollow steel rod to a specific depth, applying a vacuum to draw out the soil gas, and collecting samples for analysis in an on-site mobile laboratory.
- Later in July, the Army will be installing five shallow monitoring wells north of Reservation Road and one shallow well between Bailey and Wahl Courts. This activity will include a small auger drilling rig, a soil bin to contain drilling cuttings, a support vehicle and forklift.
- Near the intersection of Salinas Avenue and Reservation Road, the Army will be removing the pump from MCWD Well No. 8a to convert this old municipal well (no longer used) into a monitoring well to evaluate water quality in the Lower 180-Foot Aquifer.
- Seven deeper wells will be installed late this year, mostly north of reservation road within the biological reserve area and the Marina Airport area. Two of these wells will be installed east of Imjin Road and south of Old County Road. These wells will be installed to depths up to 500 feet using a sonic drilling rig that eliminates much of the soil cuttings historically generated when monitoring wells are installed. This approach will likely reduce costs and the need for additional vehicles or building specific roads to access the well location.
- Finally, 11 monitoring wells will be installed in the Upper 180-Foot Aquifer early next year in the Preston Park housing area. These wells will be about 250 feet deep and may also be installed using a sonic drilling rig.
- All of these wells and many of the wells already existing will be sampled every three months to evaluate groundwater quality and some will be tested to estimate the permeability of the aquifers beneath the site. This type of activity typically only requires pickup trucks or vans and should be much less distracting to residents in the area.

