



Community Bulletin

Kelly Air Force Base Conversion Agency

July 2002

Kelly Zone 5 Construction

Background

Zone 5 is located in the northern portion of the former Kelly AFB. Construction activities will take place in the northeastern portion of Zone 5, near Building 1533.

What is in the groundwater?

The primary chemical found in the northeastern portion of Zone 5 is the cleaning solvent, trichloroethene (TCE), cis-1,2-dichloroethene (DCE) is also found in this area. Although these chemicals affect shallow groundwater at low-level concentrations, they are not known to be present in the Edwards Aquifer.

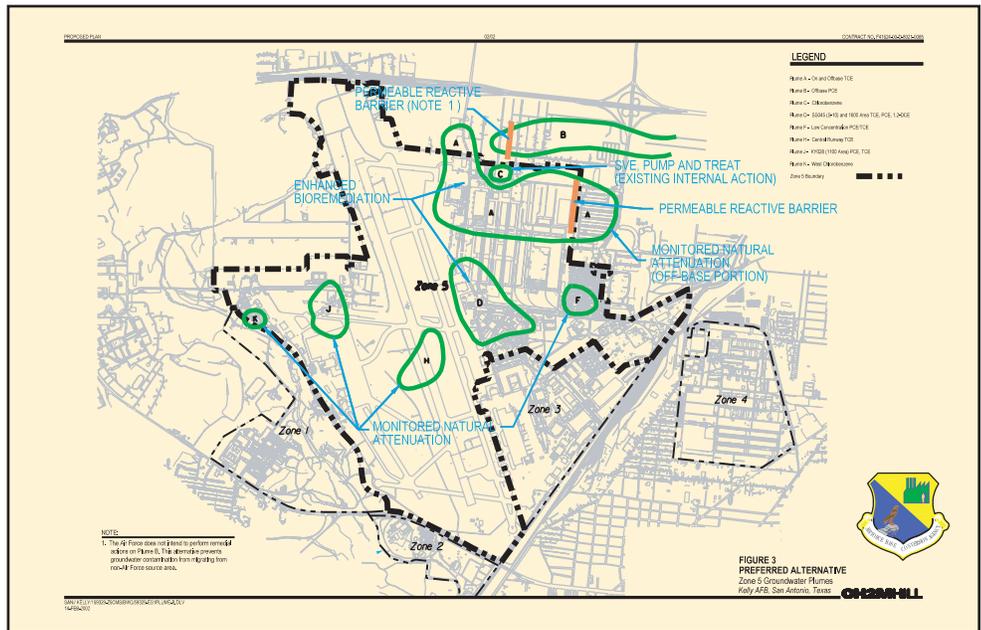
These chemicals will be cleaned up to drinking water standards set by the U.S. Environmental Protection Agency.

How is AFBCA going to clean up the groundwater?

AFBCA will construct a permeable reactive barrier (PRB) to treat the groundwater. The PRB is an underground trench filled with iron filings. As the contaminated water passes through the barrier, the iron reacts with the contaminants and breaks them down into water, carbon dioxide, and chloride (a mineral). Therefore, the water is cleaned as it passes through the barrier. AFBCA will perform regular monitoring and maintenance to ensure the PRB is operating properly and the chemicals are being cleaned up.

Where and when are the construction activities going to occur?

The PRB will be constructed in an open field between the eastside

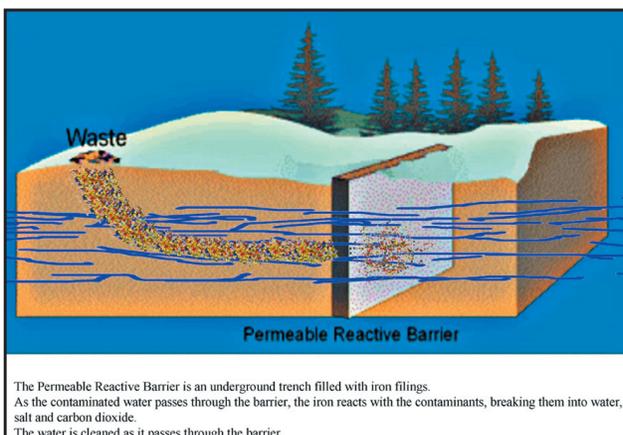


of Building 1533 and the eastern boundary of the former Kelly Air Force Base. The PRB will be approximately 900 feet long, by 3 feet wide, by 45 feet deep. Construction personnel will prepare the site for installation of the PRB beginning July 1, 2002. The actual installation of the PRB will begin July 9, 2002.

How will this affect me?

All construction activities will occur within the boundary of the former

Kelly AFB, Monday through Friday from 8:00 a.m. to 5 p.m. All equipment and materials will also be stored within this boundary. Additionally, AFBCA will construct a temporary site security fence. This fence is for site protection. A slurry process will minimize the amount of dust that may potentially migrate from the site into the neighborhood during construction. The soil being removed will be tested according to the Texas Natural Resource Conservation Commission guidelines and either used as clean fill on base or disposed of properly.



For more information:

Call the Public Information Line at 210-925-0956, visit the website at www.kellyafb.net, or write us at the address below:

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