



EPA Update: Groundwater Sampling Results

U.S. Environmental Protection Agency • Region 9 • San Francisco, CA • February 2013

Mountain View, California

Notice to Wescoat Village Residents

In December 2012 and January 2013, groundwater samples were collected in the Wescoat Village Housing Area and general vicinity to determine the western extent of groundwater contamination and to select locations for additional monitoring wells. The Wescoat Village Housing Area overlies the western margins of the regional groundwater contamination plume that extends from south of 101 to the north onto Moffett Field. The main contaminant of concern in groundwater is trichloroethene (TCE).

Results Summary

The TCE groundwater sample results are posted in the figure on the next page, with the corresponding depths at which the sample was collected. The results confirm the western extent of the TCE groundwater contamination plume on Moffett Field.

The majority of the Wescoat Village Housing Area lies outside the 5 parts per billion TCE groundwater contamination plume boundary for shallow groundwater. TCE contamination was found at deeper groundwater depths. The data obtained will be used to refine the TCE plume boundary for cleanup.

Next Steps

The results of the investigation, along with additional sampling collected in other areas of the regional groundwater contamination plume, will be summarized in a report that will be available in Spring 2013. One or two additional groundwater monitoring wells will likely be installed near the Wescoat Village Housing Area to continue monitoring the groundwater contamination plume boundary over time.

For More Information

If you have questions or need more information about this groundwater investigation, please call or email Penny Wilson Reddy, EPA Project Manager, at (415) 972-3108 or reddy.penny@epa.gov.

Additional information on the investigation and cleanup at the Naval Air Station Moffett Field Superfund Site can be found at www.epa.gov/region9/moffettfield and by attending Moffett Field Restoration Advisory Board (RAB) meetings held quarterly.

Important Facts

Groundwater at the site is not used for drinking water or other household purposes. Drinking water in this area comes from municipal sources including the Hetch Hetchy reservoir in the Sierra Nevada Mountains and is treated to meet all state and federal drinking water standards.



It is safe for residents to eat fruits and vegetables grown in their yards as the roots of the plants and trees do not extend to the depth of the groundwater. In addition, other studies that have been conducted in California have found that TCE does not accumulate in fruits and leaves because it is volatile (readily vaporizes).

Vapor intrusion is the migration of volatile organic chemicals such as TCE from groundwater or subsurface soil into overlying buildings. As a precautionary measure in 2006, Wescoat Village Housing was constructed with sub-slab ventilation systems to address any potential for vapor intrusion of TCE from groundwater to indoor air.



Results	Feet Bgs
ND	(19-22)
1600	(45-48)
700	(49-52)

Results	Feet Bgs
3.5	(22-26)
ND	(39-42)
ND	(48-51)

Results	Feet Bgs
1.9	(14-18)
1.3	(21-24)
ND	(42-44)

Results	Feet Bgs
50	(20-23)
250	(38-42)
250	(44-47)

Results	Feet Bgs
3.0	(21-25)
ND	(29-32)
ND	(42-46)
12	(51-54)

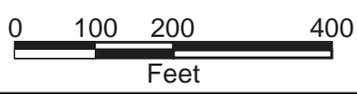
Results	Feet Bgs
ND	(20-24)
8.9	(38-42)
99	(44-48)

Results	Feet Bgs
2.7	(16-20)
ND	(33-36)
12	(54-58)

Results	Feet Bgs
ND	(19-23)
5.1	(34-38)
290	(54-58)

Legend

- 2012 – 2013 Groundwater Sample Locations
- Results** TCE concentrations in parts per billion
- ND** Not Detected (below laboratory detection limit)
- Bgs** Below ground surface
- TCE** Trichloroethene



TCE Groundwater Results

Former Naval Air Station Moffett Field
February 2013

