

Cooper Road and Commerce Avenue Community Update

This fact sheet is a publication of the Arizona Department of Environmental Quality (ADEQ) to inform community members near the Cooper Road and Commerce Avenue Water Quality Assurance Revolving Fund (WQARF) site of current conditions and activities in Maricopa County. If you receive drinking water from Town of Gilbert, your current drinking water is not affected by the groundwater contamination at the site.

ADEQ's mission is to protect public health and the environment in Arizona. Hence, ADEQ has conducted multiple investigations at the Cooper Road and Commerce Avenue WQARF site to acquire information on the presence of contamination in the groundwater. ADEQ appreciates the cooperation and support we receive from engaged residents, businesses and Town of Gilbert officials. Ongoing work being performed at the Cooper Road and Commerce Avenue WQARF site is addressed in this fact sheet. This site includes a mixture of public, commercial and residential land uses.

Site investigations began in 1984, following discovery of soil contamination at a former scrap metal processing facility. ADEQ listed this site on the WQARF Registry in June 2004. Routine sampling of groundwater monitoring wells, new monitoring well installations, soil and soil vapor sampling, groundwater cleanups, soil cleanups and site investigations have occurred since that time.

Recent sampling confirms continued tetrachloroethene (PCE) and trichloroethene (TCE) contamination in the shallow groundwater above Aquifer Water Qual-

ity Standards (AWQSs). No other volatile organic compounds (VOCs) have been detected at concentrations above the applicable standards. Groundwater in this area occurs at depths ranging from approximately 100 to 115 feet below the ground surface. Groundwater flow direction is generally to the northwest. Drinking water in the area is supplied from deep ground water by the Town of Gilbert and meets all applicable federal and state drinking water standards.

The results of recent sampling show the overall size of the contamination area is larger than originally suspected for the Cooper Road and Commerce Avenue WQARF site. You are receiving this fact sheet due to your location being in or near the updated site boundaries (see figure 1, page 2).

Based upon the initial and ongoing investigations, it appears that the primary source of contamination at the site is from former industrial operations focused on the extraction of precious metals from scrap metals.

If you own a private well within or near the area shown of the site described above, please contact ADEQ and we will arrange to collect a sample from your well.

What are ADEQ's plans at the site?

The Cooper Road and Commerce Avenue site is currently in the Feasibility Study (FS) phase of the WQARF cleanup process. The FS phase compares different approaches to site cleanup and closure, then selects an approach based

on practicability, protectiveness, cost and benefit. Once the FS phase is complete, ADEQ will begin drafting a Proposed Remedial Action Plan that will describe the site's boundaries, proposed remedy, remedy cost and how the remedy considers site cleanup goals.

Community Involvement

ADEQ keeps the public informed through fact sheets, public meetings and ADEQ's web site. ADEQ formed a Community Advisory Board (CAB) to advise ADEQ and the public of issues and concerns related to investigations and remediation of the site. The CAB also shares information received with their community. Regularly scheduled CAB meetings are intended to share information regarding the Cooper Road and Commerce Avenue WQARF site.

If you would like to join the CAB and/or be added to the Cooper Road and Commerce Avenue WQARF site's mailing list please complete and return the enclosed mailing list information.

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For more information on this site or other WQARF sites, please visit:
<http://www.azdeq.gov/WQARF-Registry>



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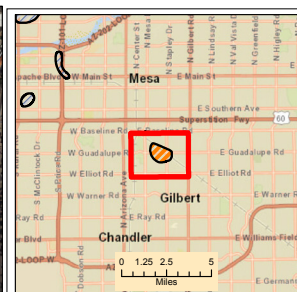
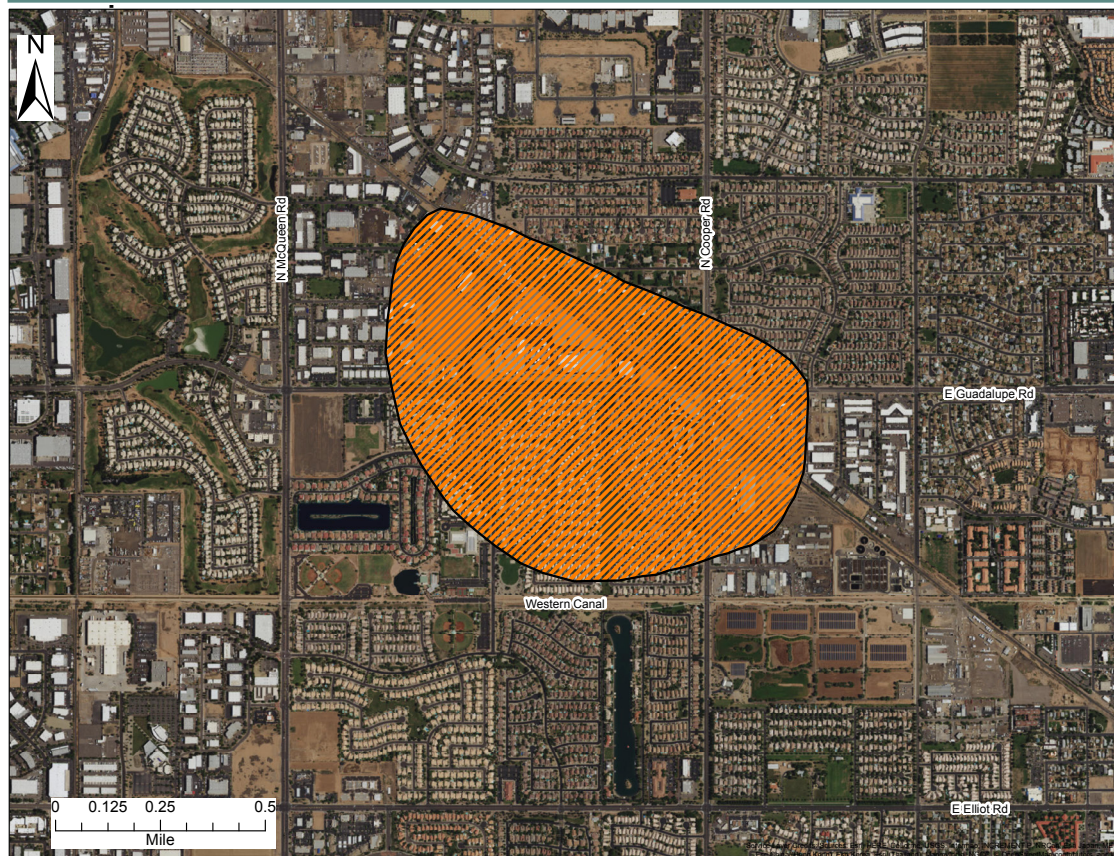
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Cooper Road and Commerce Avenue Site Map



COMMUNITY
UPDATE



TYPE
EPA NPL
WOARF
Counties

Plume Data Update: 2017-02-01

Plume boundaries depicted on the site map represent ADEQ's interpretation of data available at the time the map was constructed. The map is intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of map production. The actual extent of contamination may be different. Therefore, the plume for this site may change in the future as new information becomes available.

Date Map Saved: 12/6/2017



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Figure 1 - Cooper Road and Commerce Avenue Site Map.