

SITE REGISTRY REPORT

WATER QUALITY ASSURANCE REVOLVING FUND (WQARF) SITE 7TH STREET AND ARIZONA AVENUE SITE Tucson, Pima County, Arizona April 27, 2000

The proposed 7th Street and Arizona Avenue WQARF site is located in the vicinity of 7th Street and Arizona Avenue, Tucson, Arizona. The site is approximately bounded to the north by 5th Street, to the south by 8th Street, to the east by Herbert Avenue, and to the west by 7th Avenue.

The pathway of concern is groundwater. The property located at 300 E. 7th Street (the southeast corner of 5th Avenue and 7th Street) was occupied by various dry cleaners from the 1950s or earlier until 1989. Soil samples collected in 1997 indicated that tetrachloroethylene (PCE), a solvent commonly used by dry cleaners, is present in soil beneath the underground tanks used for storage of PCE. The maximum PCE concentration was 26 milligrams per kilogram, which is below the Arizona Residential Soil Remediation Level of 53 milligrams per kilogram but above the Minimum Groundwater Protection Level of 1.3 milligrams per kilogram.

Groundwater is present in two aquifers in this area, a shallow, perched aquifer, and a deeper regional aquifer. The groundwater monitoring wells in the area are completed in the shallow, perched aquifer. PCE has been detected in groundwater monitoring wells immediately north (directly downgradient) of the aforementioned property and in other groundwater monitoring wells farther downgradient. The maximum PCE concentration to date is 1,800 micrograms per liter in groundwater from a well completed in the shallow, perched aquifer. The groundwater in the deeper regional aquifer has not been investigated.

The Aquifer Water Quality Standard for PCE is 5.0 micrograms per liter. Although the PCE concentrations in this area exceed this standard, there is no known public health impact to drinking water because there are no drinking water wells within site boundaries. Furthermore, the nearest public supply wells are more than ½ mile from the area of contamination and withdraw water from the deeper regional aquifer.

The Eligibility and Evaluation (E&E) score for this site is 40. Only two potential social and economic factors have been identified to date: Potential future Brownfields redevelopment issues and potential future loss of Groundwater resources. The Arizona Department of Environmental Quality (ADEQ) proposes that the 7th Street and Arizona Avenue site be added to the WQARF Registry established pursuant to Arizona Revised Statutes (ARS) § 287.01(D).

This Site Registry Report was prepared to meet the requirements of ARS § 287.01(B). The attached Eligibility and Evaluation (E&E) score was prepared pursuant to the interim rules

adopted by the Director of ADEQ as specified in ARS § 287.01(B). ARS § 287.01© outlines the process for listing a site on the WQARF Registry. The process includes a 15-day owner/operator comment period followed by a 30-day public comment period. At the conclusion of the public comment period, ADEQ will consider any comments made before issuing a final E&E score and placing the site on the Registry.

This Site Registry Report (SRR) is based upon information available as of the date shown. Site boundaries depicted on the attached Site Boundary 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 the SRR. The actual extent of contamination may be different. Therefore, the geographic boundaries for this site may change in the future as new information becomes available.

An updated SRR and associated Site Boundary Map will not be issued. As new information becomes available, it will be made available for public review through placement in the public file.

FILE INFORMATION

Oliver's Cleaners PA/SI File

Available from the ADEQ Records Center, File No. 1-19734