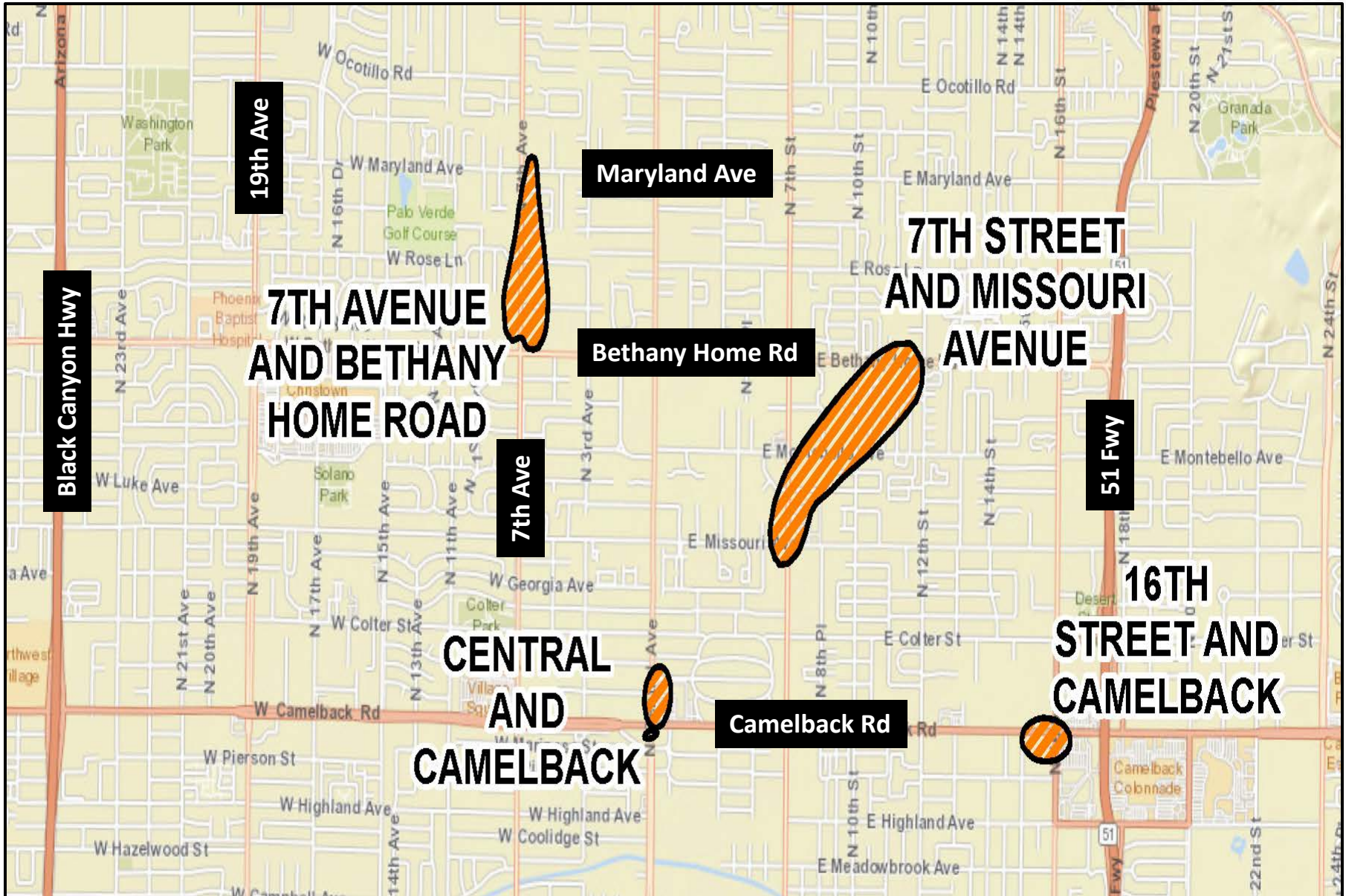


16th Street and Camelback
Water Quality Assurance Revolving Fund (WQARF)
Site
Community Advisory Board (CAB) Presentation

December 5, 2018

Wendy Flood, Community Involvement Coordinator
Eric Mannlein, Project Manager

Central Phoenix WQARF Sites



- Conducted groundwater sampling in June 2018.
- Conducted enhanced reductive de-chlorination (ERD) injections to expedite contaminant remediation in May and September 2018. ERD is included as a contingency in Record of Decision (ROD).
- Conducted microbial substrate injection in September 2018 to enhance the population of the dechlorinating microbes.
- Installed replacement monitor wells in October 2018 for MW-10 and MW-11 which went dry in 2015 and 2018 respectively.

Historical and Current Contaminant Data

- PCE is currently the only contaminant of concern detected in groundwater at the site at concentrations greater than the Aquifer Water Quality Standard (AWQS) of 5 micrograms per liter (ug/L).

Contaminant	December 1999	August 2007	April 2014	February 2015	April 2016	May 2017	October 2017	June 2018
PCE	160 ug/l	20 ug/l	11.4 ug/l	25.2 ug/l	16 ug/l	7.0 ug/l	6.4 ug/l	4.1 ug/l
1,2-DCA	400 ug/l	<2.0 ug/l	0.62 ug/l	<0.5 ug/l	<0.5 ug/l	<0.5 ug/l	<2.0 ug/l	<2.0 ug/l
1,2-DCP	15 ug/l	<2.0 ug/l	<0.5 ug/l	<0.5 ug/l	<0.5 ug/l	<0.5 ug/l	<2.0 ug/l	<2.0 ug/l

PCE and TCE Concentrations – June 2018

DITAT DEUS



- Continue to monitor and sample groundwater.
- Continue ERD injections for accelerated cleanup.



Contacts

Wendy Flood, Community Involvement Coordinator/Manager

Remedial Projects Support Unit

wv1@azdeq.gov

(602) 771-4410, 1-800-234-5677 ext 7714410

Eric Mannlein, Project Manager

Remedial Projects Unit

em7@azdeq.gov

(602) 771-0390, 1-800-234-5677 ext. 771-0390

Scott Green, Unit Manager

Remedial Projects Unit

srg@azdeq.gov

(602) 771-1612, 1-800-234-5677 ext. 771-1612