



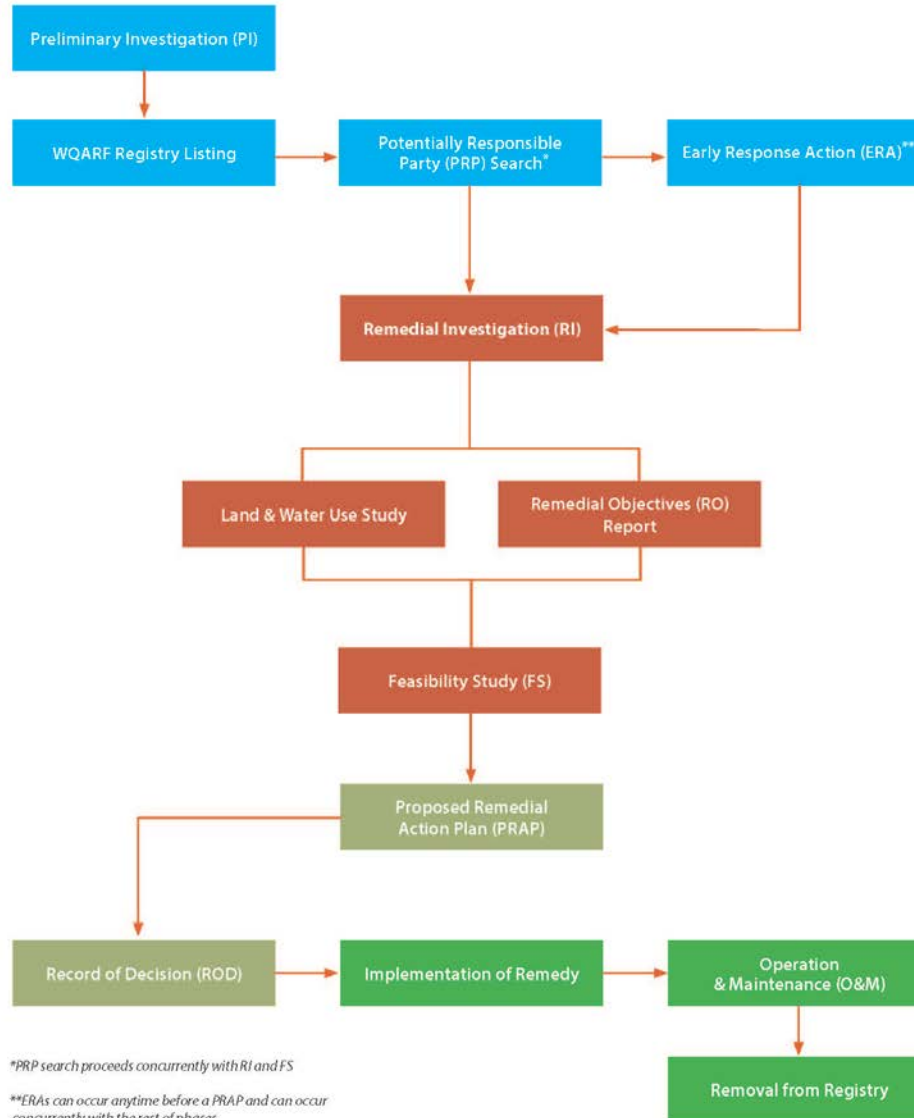
16th Street and Camelback WQARF Site

Kevin Snyder, Project Manager

Wendy Flood, Community Involvement Coordinator

June 17, 2015 5:30pm

WQARF PHASES



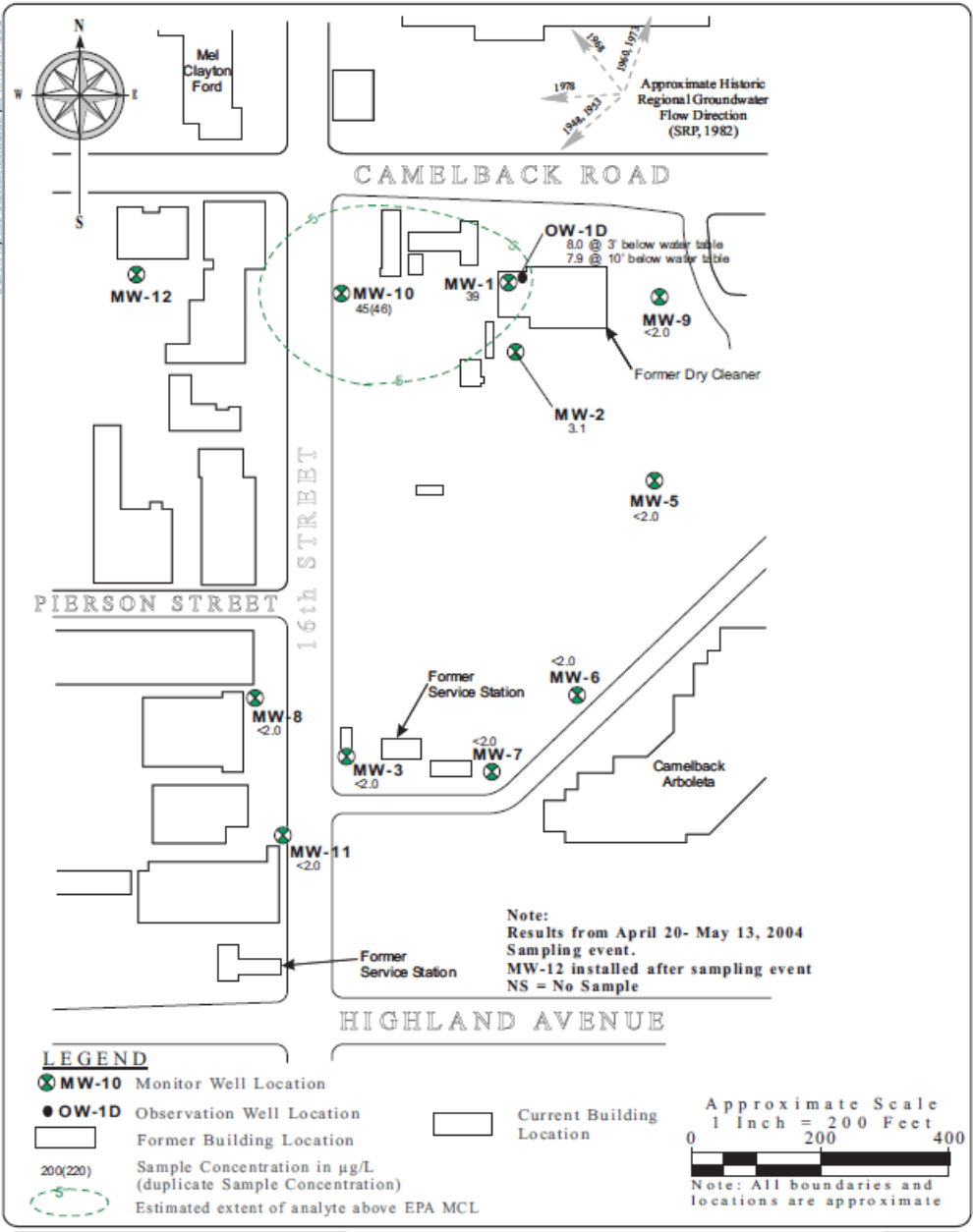


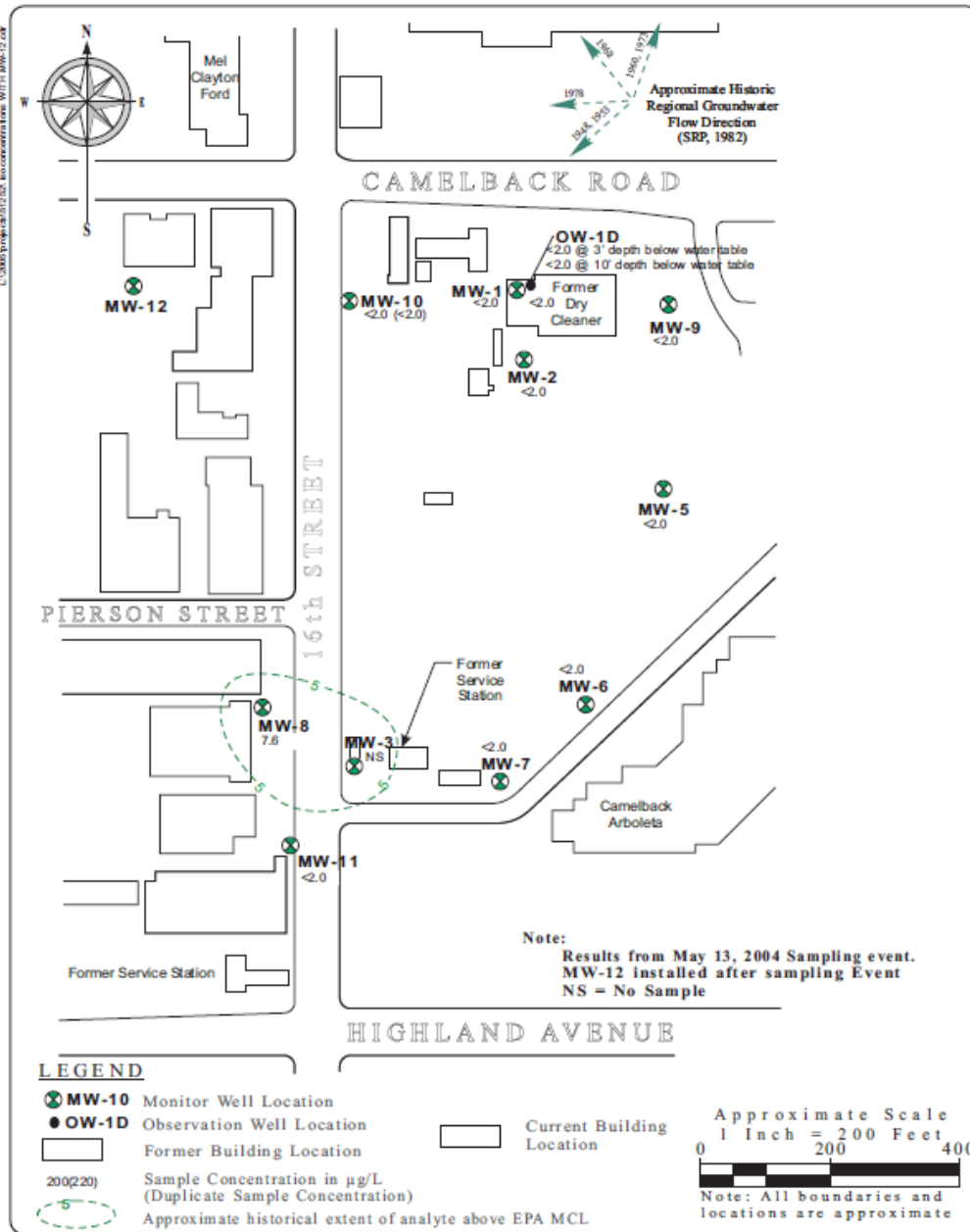
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Events Since March 2015 CAB Meeting

- ADEQ completed the Remedial Investigation (RI) and Remedial Objective (RO) reports and Feasibility Study (FS) Workplan this spring.
- Conducted groundwater monitoring and sampling in February/March 2015. Had an anomalous high concentration at well MW-1 due to sampling error.
- ADEQ about to finalize the FS Report.
- Because contaminants are declining in concentration and present no risk to human health and the environment, the planned remedial option will be Monitored Natural Attenuation (MNA).
- MNA will involve monitoring and sampling groundwater.
- If a water provider installs a well, ADEQ will add Well-head Treatment to the well.

U:\Solid\Projects\51252\Isoconcentration.mxd MW-12.cad





Events Since March 2015 CAB Meeting (continued)

- 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 – March 2015
PCE	160 ug/l	20 ug/l	11.4 ug/l	25.2?/12.9 ug/l
1,2-DCA	400 ug/l	<2.0 ug/l	0.62 ug/l	<0.5 ug/l
1,2-DCP	15 ug/l	<2.0 ug/l	<0.5 ug/l	<0.5 ug/l

Events Since March 2015 CAB Meeting (continued)

- Groundwater levels have declined an average of approximately 21 inches during 2014 and 2015 sampling events.

Well ID	May 2013	February 2015	Total Change 2014 & 2015
MW-1	76.17	78.25	-2.08
OW-1D	75.85	77.81	-1.96
MW-2	74.49	76.82	-2.33
MW-3	73.28	75.30	-2.02
MW-5	74.55	76.52	-1.97
MW-6	not measured	76.62	0.62
MW-7	75.01	77.07	-2.06
MW-8	73.63	75.58	-1.95
MW-9	76.35	78.33	-1.98
MW-10	75.95	77.90	-1.95
MW-11	72.29	74.31	-2.02
MW-12	75.91	78.00	-2.09
MW-13	not measured	81.05	-1.36
MW-14	not measured	78.40	-1.45

- Continue to monitor and sample groundwater.
- Prepare Proposed Remedial Action Plan (PRAP) and Record of Decision (ROD).



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