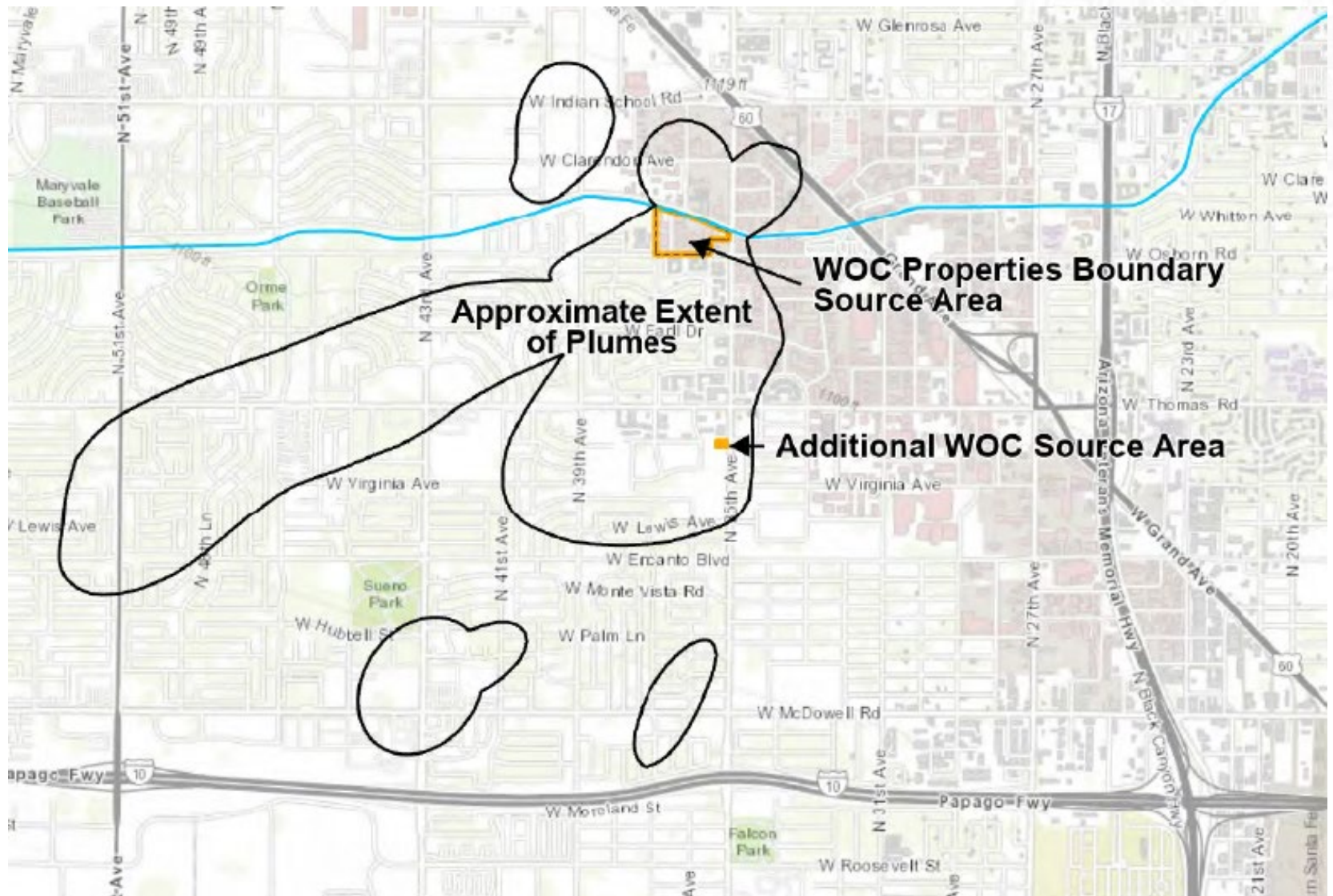
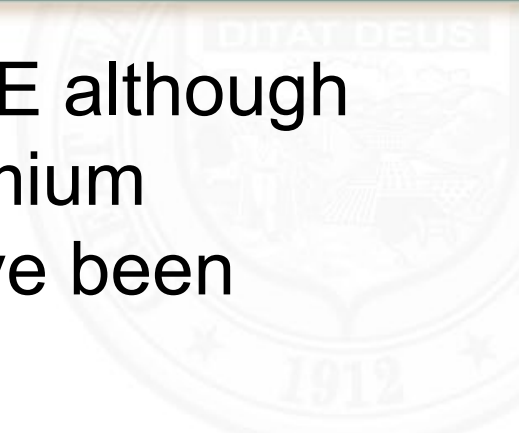


West Central Phoenix (WCP)
West Osborn Complex (WOC)
Water Quality Assurance Revolving Fund
(WQARF) Registry Site

Public Meeting
October 2020

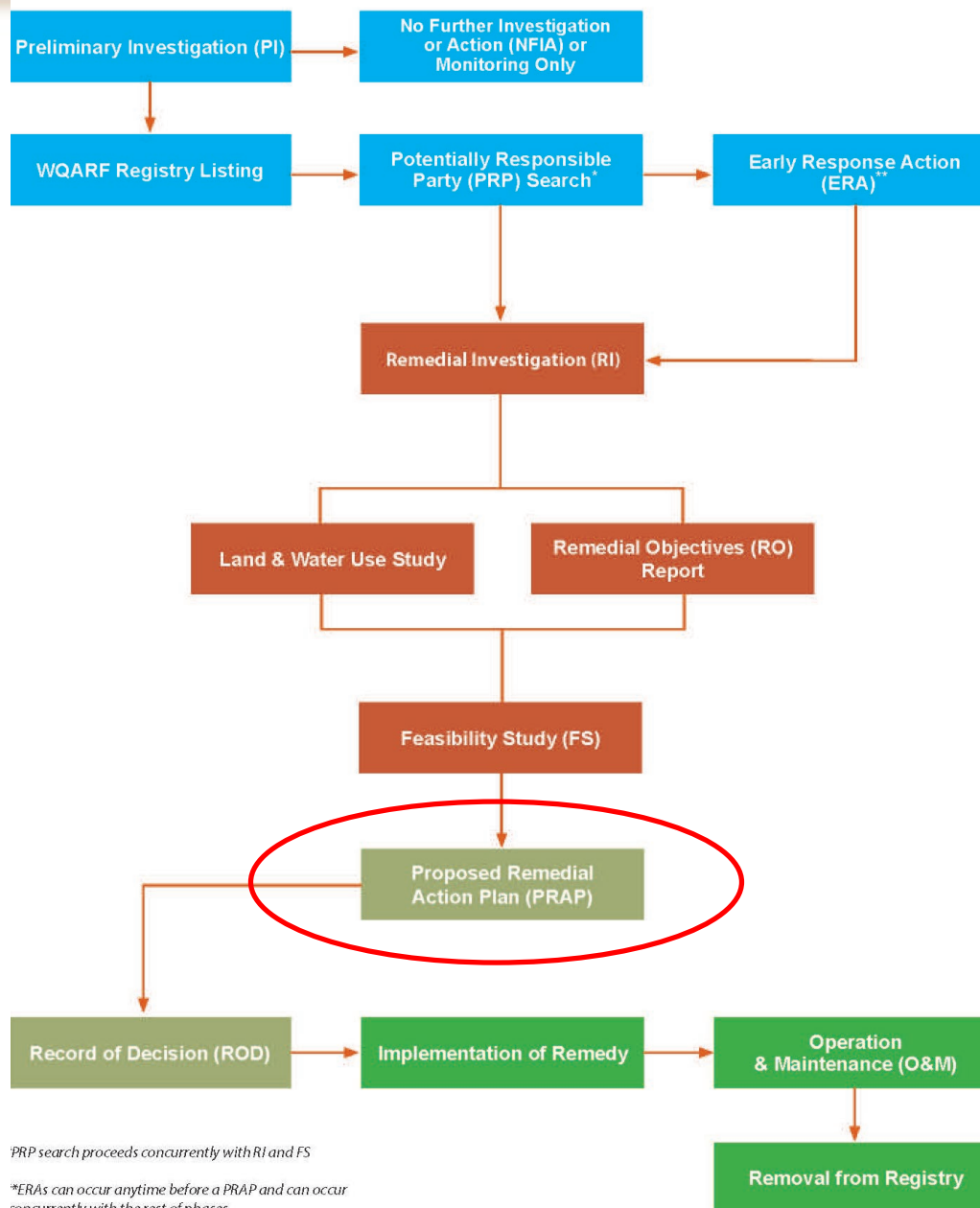
West Central Phoenix West Osborn Complex





- Contaminants of Concern: primarily TCE although impacts from PCE, 1,1-DCE, and chromium associated with North Canal Plume have been detected in groundwater
- Impacted Media: groundwater and soil (in the form of soil vapor)
- Exposure Pathway: drinking water through municipal water supply wells

WQARF Phase



PRP search proceeds concurrently with RI and FS

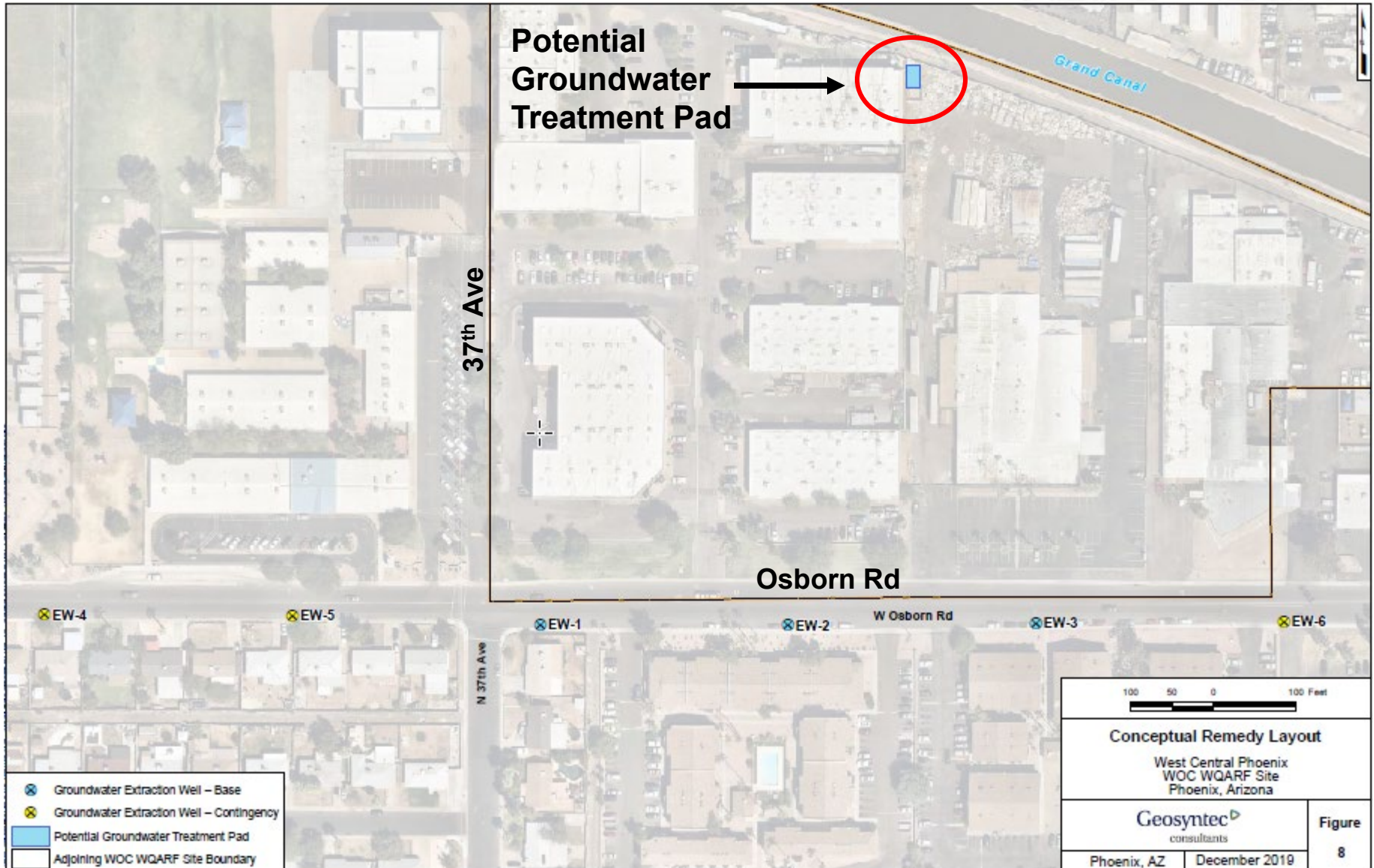
***ERAs can occur anytime before a PRAP and can occur concurrently with the rest of phases*

- Conducted groundwater sampling in February and March 2020
 - *Maximum Contaminants of Concern (COC)* concentrations have either remained constant or increased slightly since the October 2019 groundwater sampling event.
- Completed Proposed Remedial Action Plan (PRAP) in July 2020
- Completed soil gas assessment at parcels within West Osborn Complex boundary
- Installed an additional groundwater monitoring well in the deep aquifer (LSGS)

- Proposed remedy is Monitored Natural Attenuation (MNA) and Pump and Treat (P&T) for the shallow aquifer (SGWS)
- Contingencies:
 - Groundwater extraction well installation
 - Groundwater monitor well installation
 - In-situ chemical oxidation – SGWS
 - Wellhead treatment – LSGS
 - Well sleeving - LSGS
- Currently in 90-day comment period (ends October 21, 2020)

Conceptual Remedy Layout

DITAT DEUS



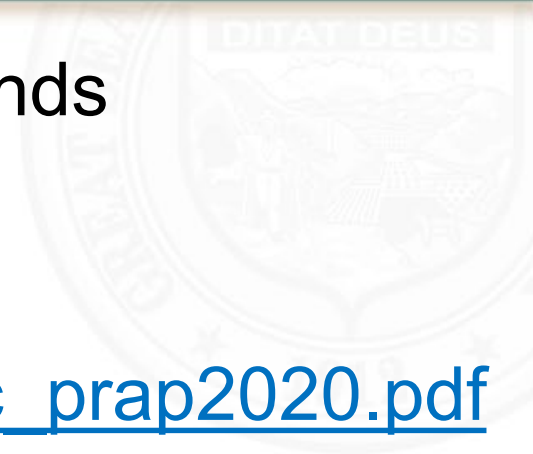
PRAP Summary of Costs



Summary of Costs for Proposed Remedy

Remedial Technology	Cost
Monitored Natural Attenuation	\$2,988,000
Pump and Treat - SGWS	\$2,486,000
	<i>SUBTOTAL</i>
	\$5,474,000
Contingencies	
Groundwater Extraction Well Installation - SGWS	\$2,249,000
Groundwater Monitor Well Installation	\$829,000
Wellhead Treatment - LSGS	\$16,464,000
In-Situ Chemical Oxidation - SGWS	\$1,796,000
Well Sleeving - LSGS	\$52,000
	<i>SUBTOTAL</i>
	\$21,390,000
	TOTAL
	\$26,864,000

Note: costs assume 3% annual inflation rate



- Comment period on the PRAP report ends **Wednesday, October 21, 2020**
- How to view:
https://static.azdeq.gov/wqarf/wcp_woc_prap2020.pdf
- How to comment:
 - **By Email:** Mannlein.Eric@azdeq.gov (*timestamped October 21, 2020*)
 - **By Mail** (Must be postmarked by October 21, 2020):
Eric Mannlein
ADEQ
1110 W. Washington St,
Phoenix, AZ, 85007

- Finalize Record of Decision
- Implement selected remedy



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