Shannon Road El Camino del Cerro WQARF Site

Community Advisory Board Meeting October 10, 2023



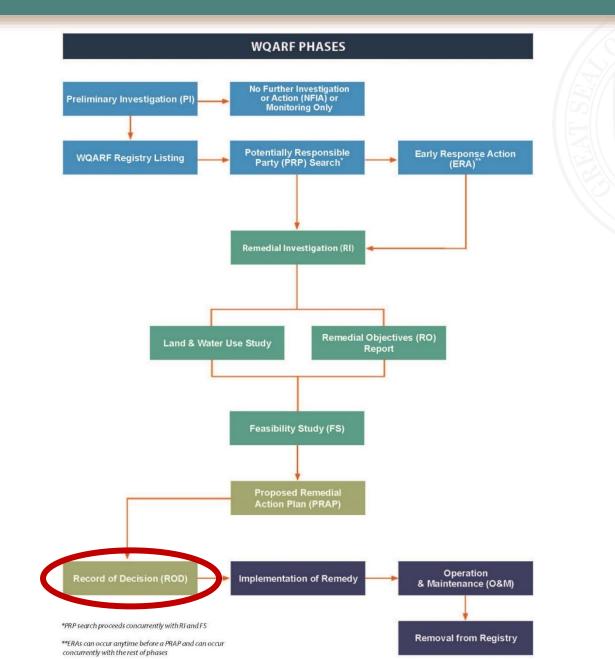
Clean Air, Safe Water, Healthy Land for Everyone



- Water Quality Assurance Revolving Fund (WQARF) Process
- Ind Quarter 2023 Groundwater Monitoring
- South Shannon Wellhead Treatment Upgrade

WQARF Process

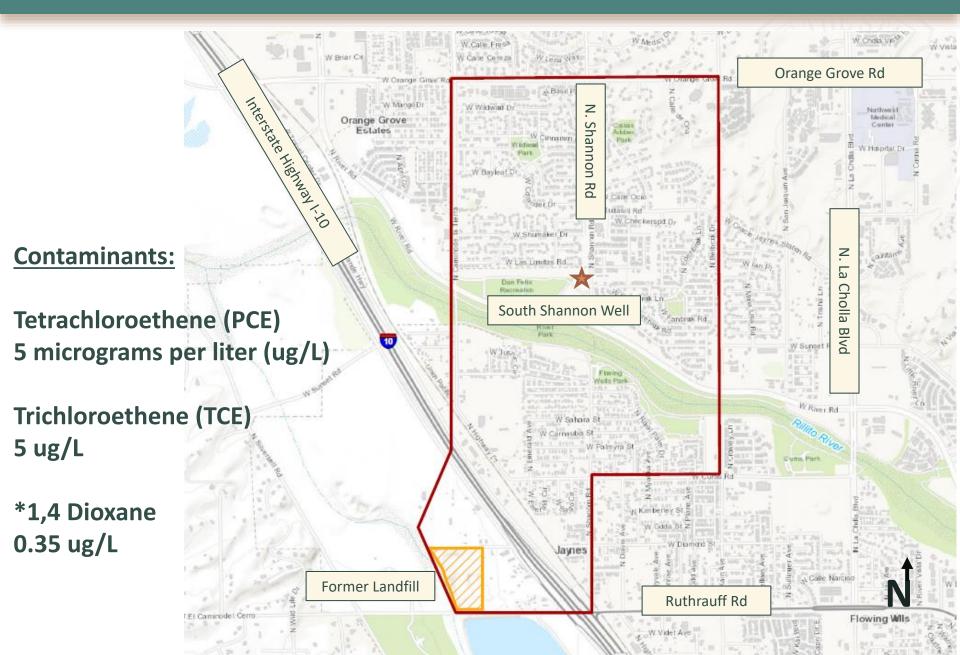




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Site Location Map

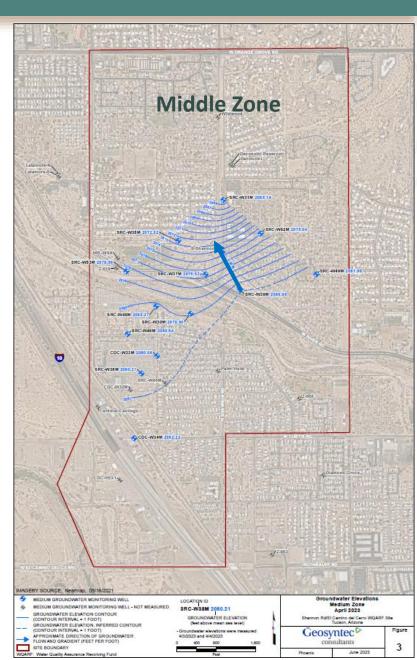




2023 Q2 Groundwater Elevation

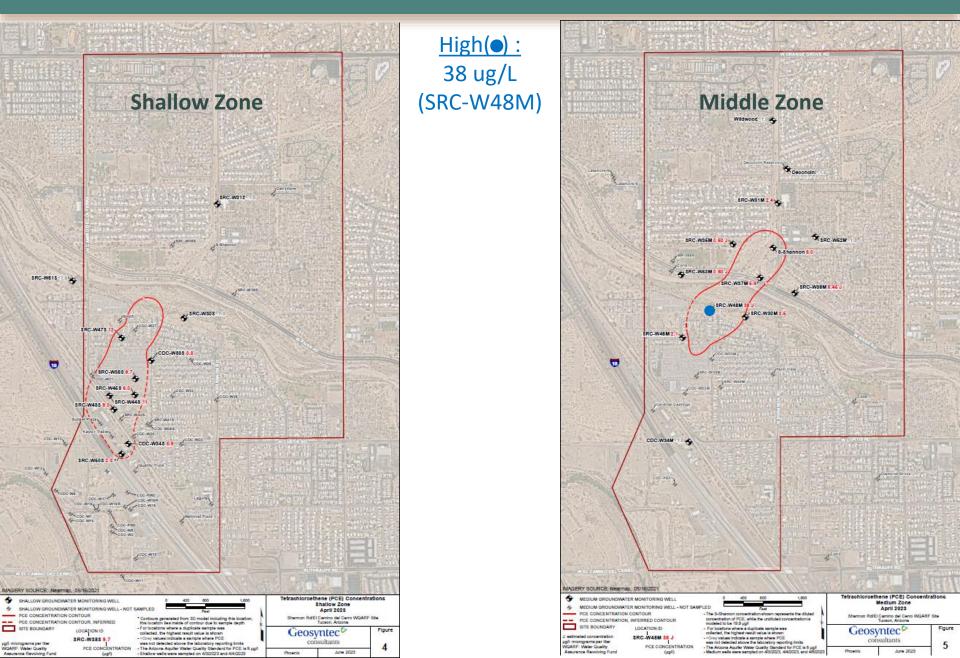






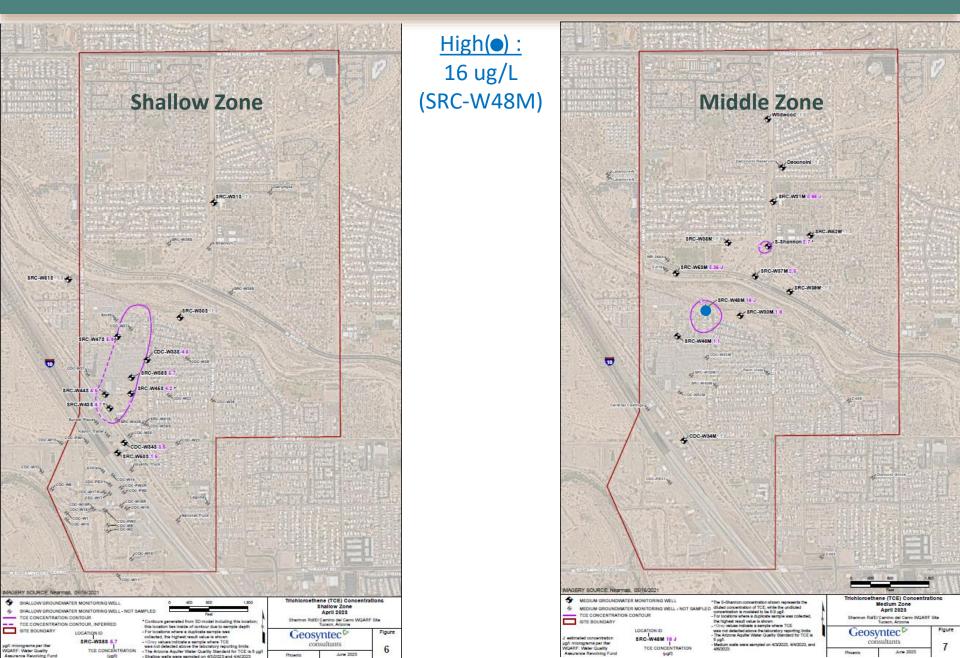
2023 Q2 Tetrachloroethene Concentrations





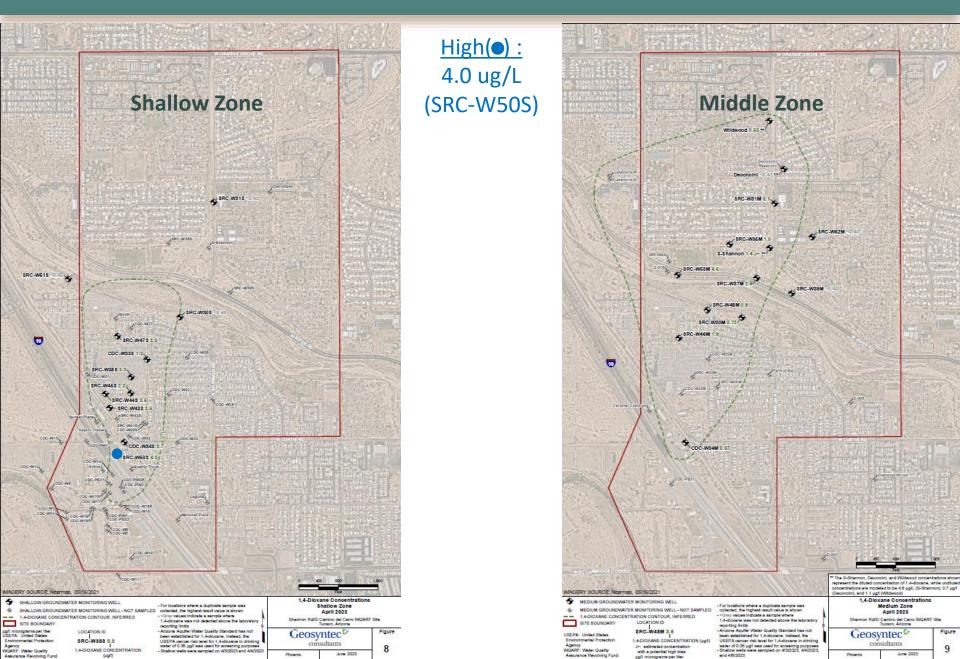
2023 Q2 Trichloroethene Concentrations





2023 Q2 1,4-Dioxane Concentrations





South Shannon Wellhead Treatment Upgrade



- Goal: Improve hydraulic control
- Increase gallons per minute (gpm) of water produced by South Shannon Well



South Shannon Well

South Shannon Wellhead Treatment Upgrade



- Current production rate ~320 gpm
- Target production rate >600 gpm



Existing carbon treatment vessels 10





 Advanced oxidation treatment via hydrogen peroxide and ultraviolet light





Hydrogen Peroxide dosing equipment

Ultraviolet light chamber

South Shannon Wellhead Treatment Upgrade



Completion anticipated in November



Ongoing treatment system upgrade

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