

LUST Investigation and Remediation Update

Chino Valley, AZ



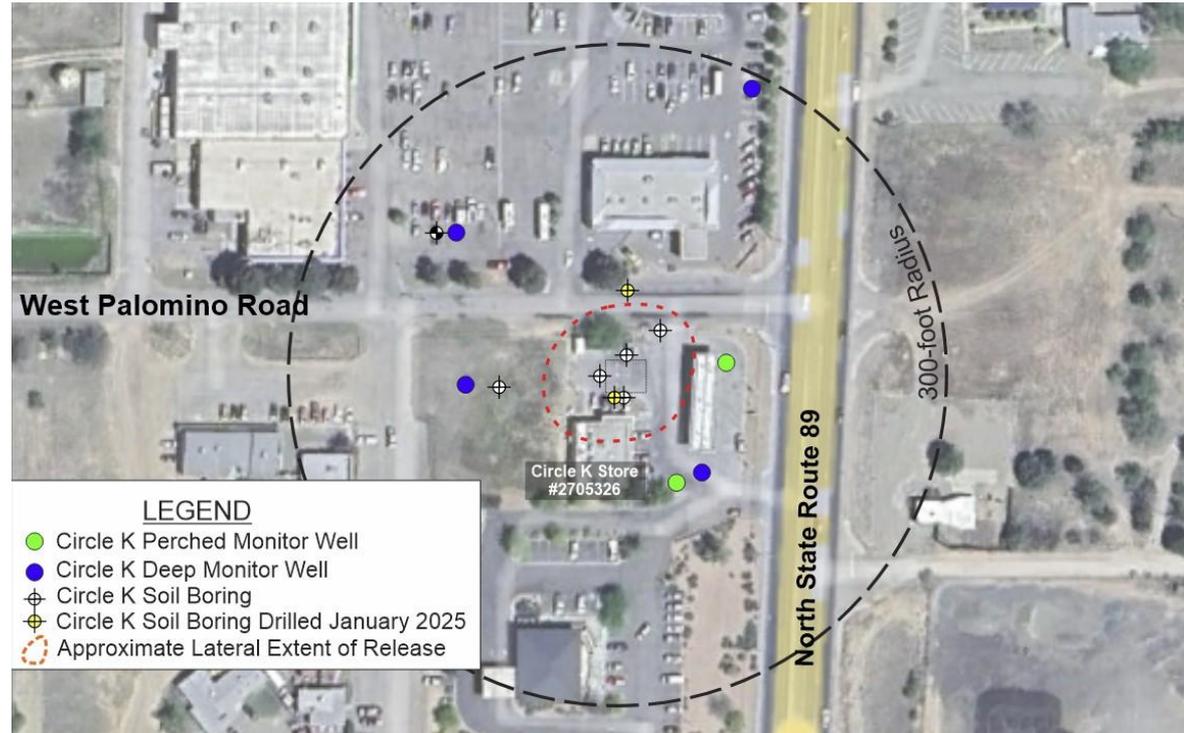
AGENDA

- Site Characterization Investigation Update
- Groundwater Sampling Program
- Private Well Sampling
- Remediation Progress
- Summary and Next Steps

Investigation Activities Conducted to Date

Subsurface Soil

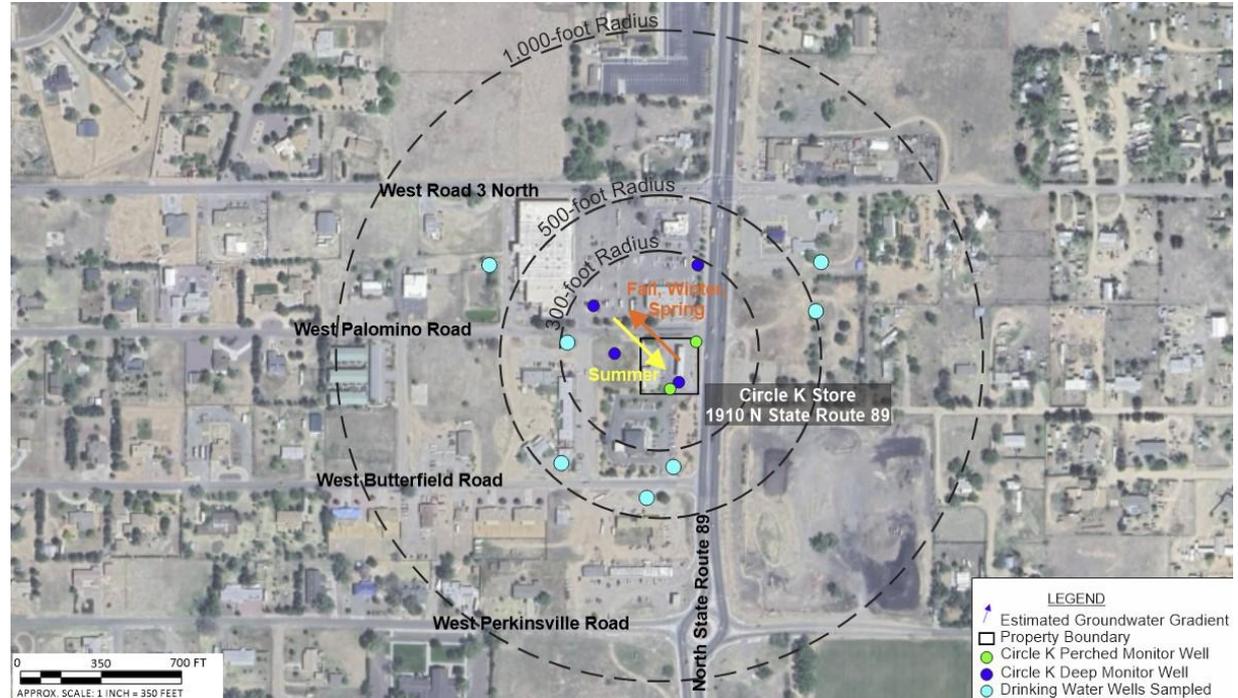
- 14 soil borings completed
- 6 soil borings completed as groundwater monitor wells
- 4 soil borings completed as remediation wells
- Soil sampled to maximum 220 feet depth



Investigation Activities Conducted to Date

Groundwater

- 6 groundwater wells have been installed (2 shallow, 4 deep in the regional aquifer)
- 20 groundwater sampling events between May 2024 and March 2025
- Two compounds were detected above the lab detection limit but below the ADEQ regulatory levels during the March and April 2025 sampling event in on-site wells. These results are under further review as routine groundwater monitoring continues.



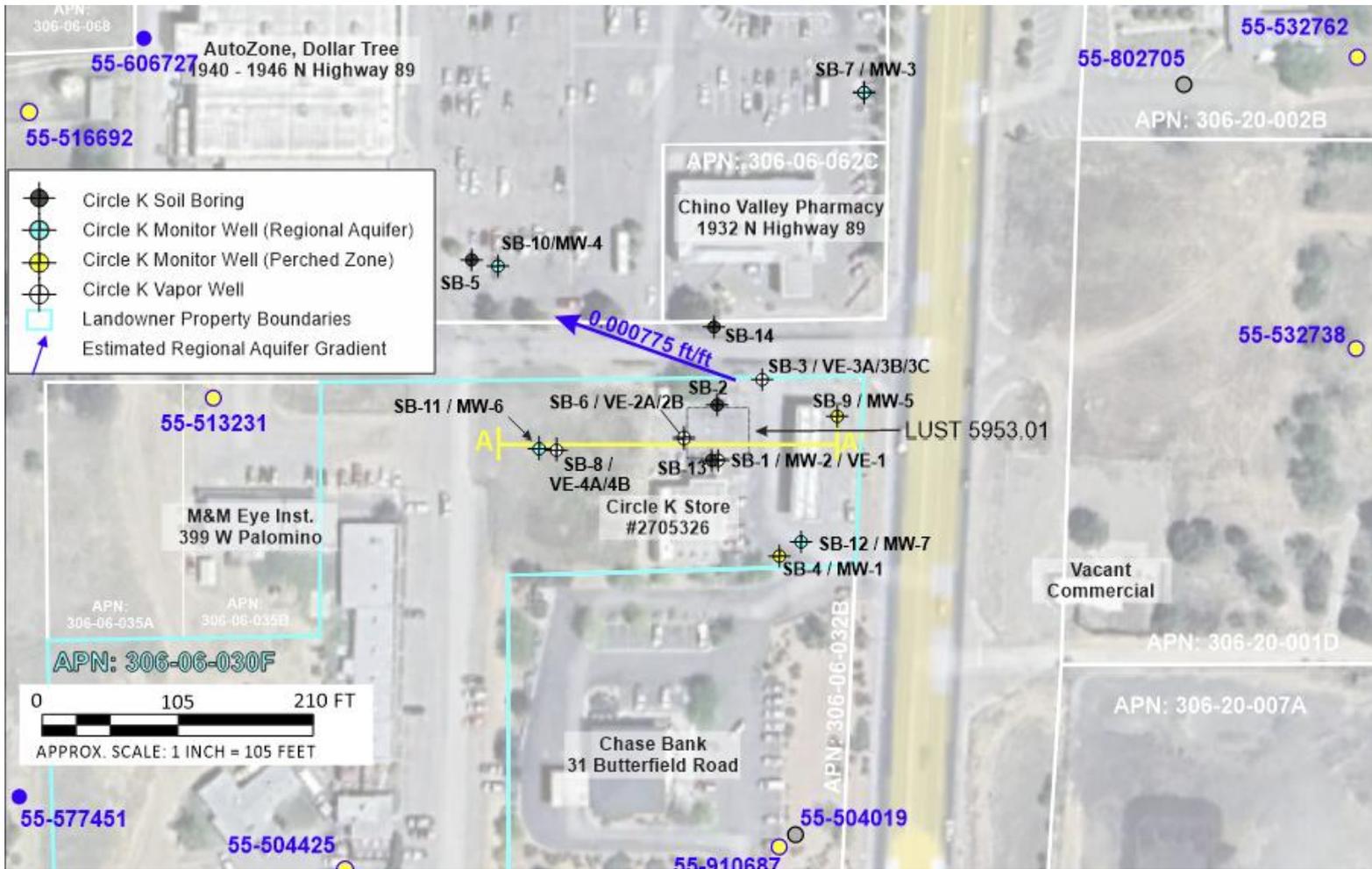
Investigation Activities Conducted to Date

****Detection of toluene and xylene below ADEQ Aquifer Water Quality Standards****

Monitor Well	Sample Date	Sample Depth	Toluene		Xylenes	
			Sample Result (ppb)	AWQS (ppb)	Sample Result (ppb)	AWQS (ppb)
MW-1	3/25/2025	167.57	<0.278	1,000	0.281	10,000
MW-1 (rerun)	3/25/2025	167.57	<0.278	1,000	0.31	10,000
MW-1	4/9/2025	169	<0.278	1,000	<0.174	10,000
MW-1 (Allied Lab Split)	4/9/2025	169	<0.17	1,000	<0.15	10,000
MW-7	3/25/2025	205	0.475	1,000	0.558	10,000
MW-7 (rerun)	3/25/2025	205	0.491	1,000	0.622	10,000
MW-7	4/9/2025	205	<0.278	1,000	0.349	10,000
MW-7 (Allied Lab Split)	4/9/2025	205	0.22	1,000	0.24	10,000

Notes: ppb = parts per billion

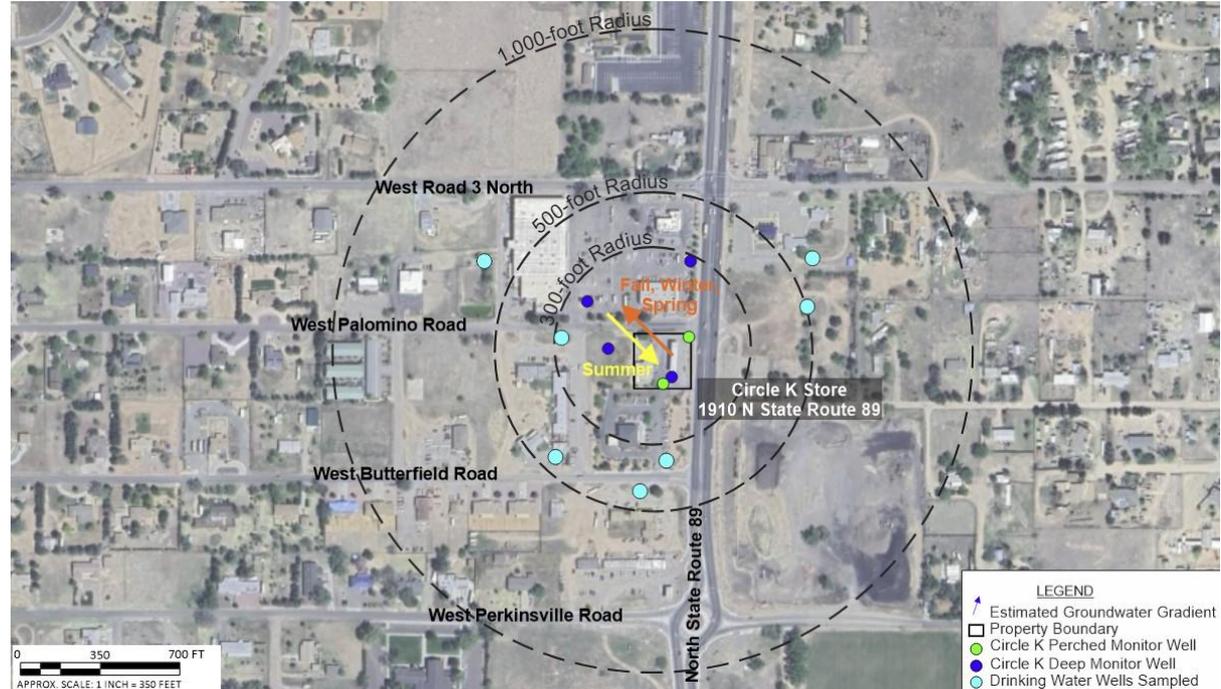




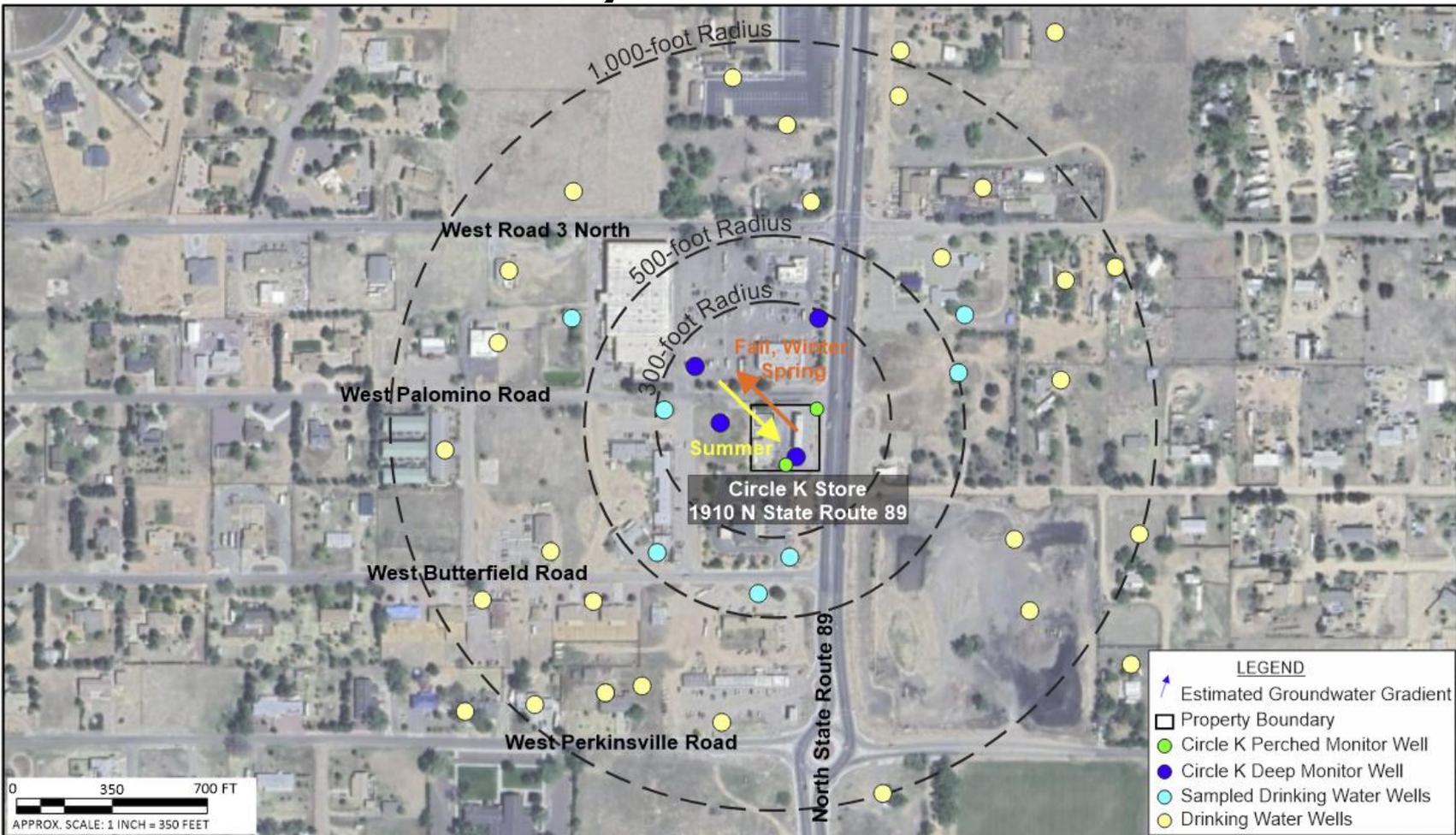
Investigation Activities Conducted to Date

Drinking Water Well Sampling

- **7 private water wells**
- **Sampled weekly between February 2024 and March 2025**
- **All results have been non-detect**



Wells within vicinity of Circle K Store



Remediation Activities Conducted to Date

- **Block wall and underground piping installed in November 2024 in accordance with approved CUP**
- **Estimated 79,780 pounds of gasoline-range contaminants removed from subsurface since May 2024**
- **Vapors extracted from the subsurface have decreased, as anticipated, over the course of the operation since start-up on March 21, 2024**
- **Remediation is ongoing**



Summary and Next Steps

- Investigation activities conducted to date indicate the release has not migrated deeper than 155 feet below ground surface and has not migrated through the confining layer (approximately 150 to 198 feet).
- After conducting weekly private water well sampling for over 1 year there is no evidence drinking water wells have been impacted by the release
- Groundwater sampling and private water well sampling will continue on a monthly basis
- Remediation will continue for the foreseeable future
- All investigation data is still under review. Additional subsurface investigation activities are being considered. The Site Characterization Report will be the next deliverable due to ADEQ before September 1, 2025.
- Analytical results for the private water well sampling are shared with the Town of Chino Valley regularly. Last submittal was April 11, 2025. Laboratory data is also regularly shared with ADEQ.



Thank you

