
Air Force Civil Engineer Center

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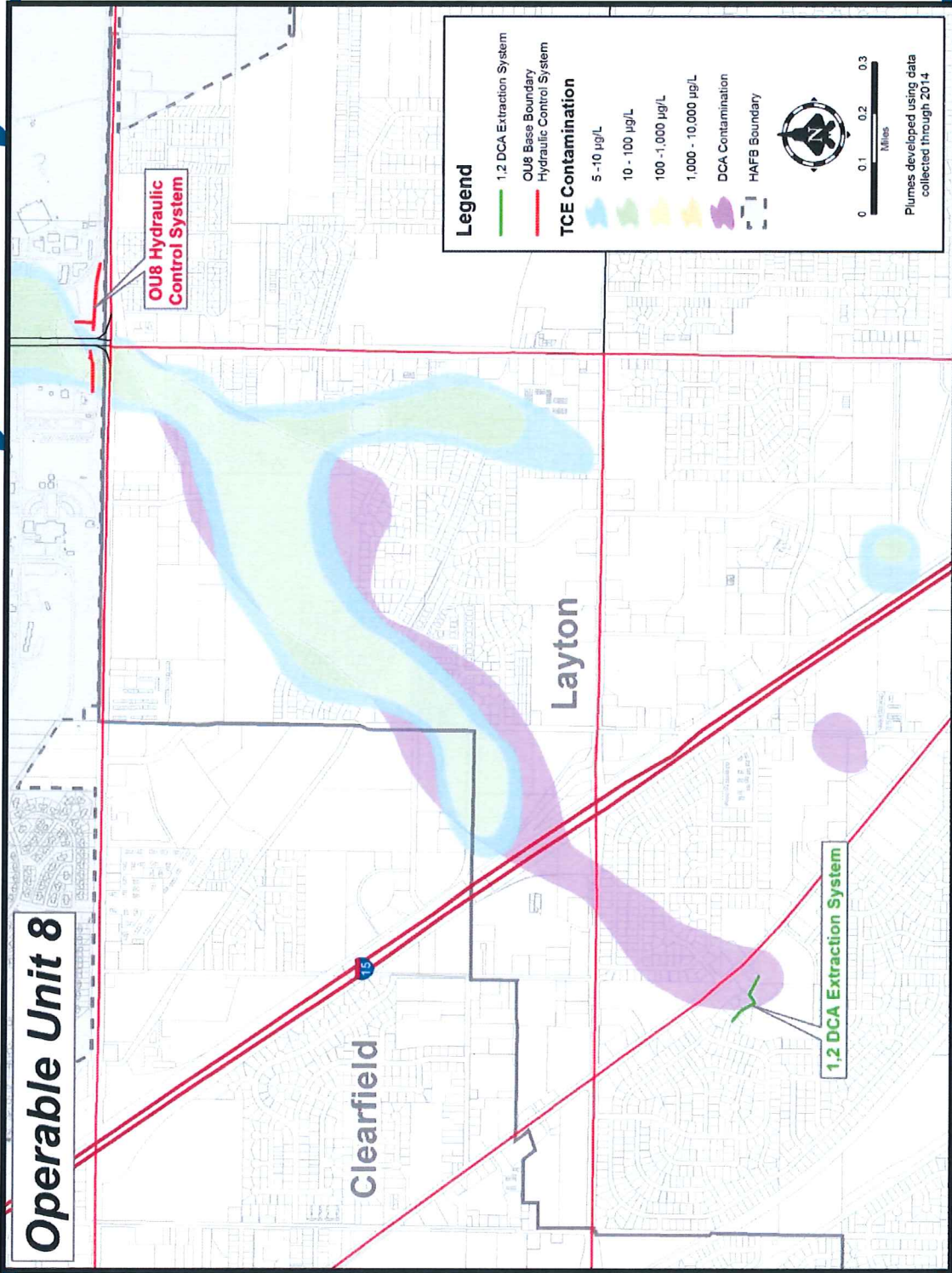


Layton City Hill Air Force Base Cleanup Update

**Shannon Smith and Mark Roginske
AFCEC/CZOM Hill Section
3 November 2016**



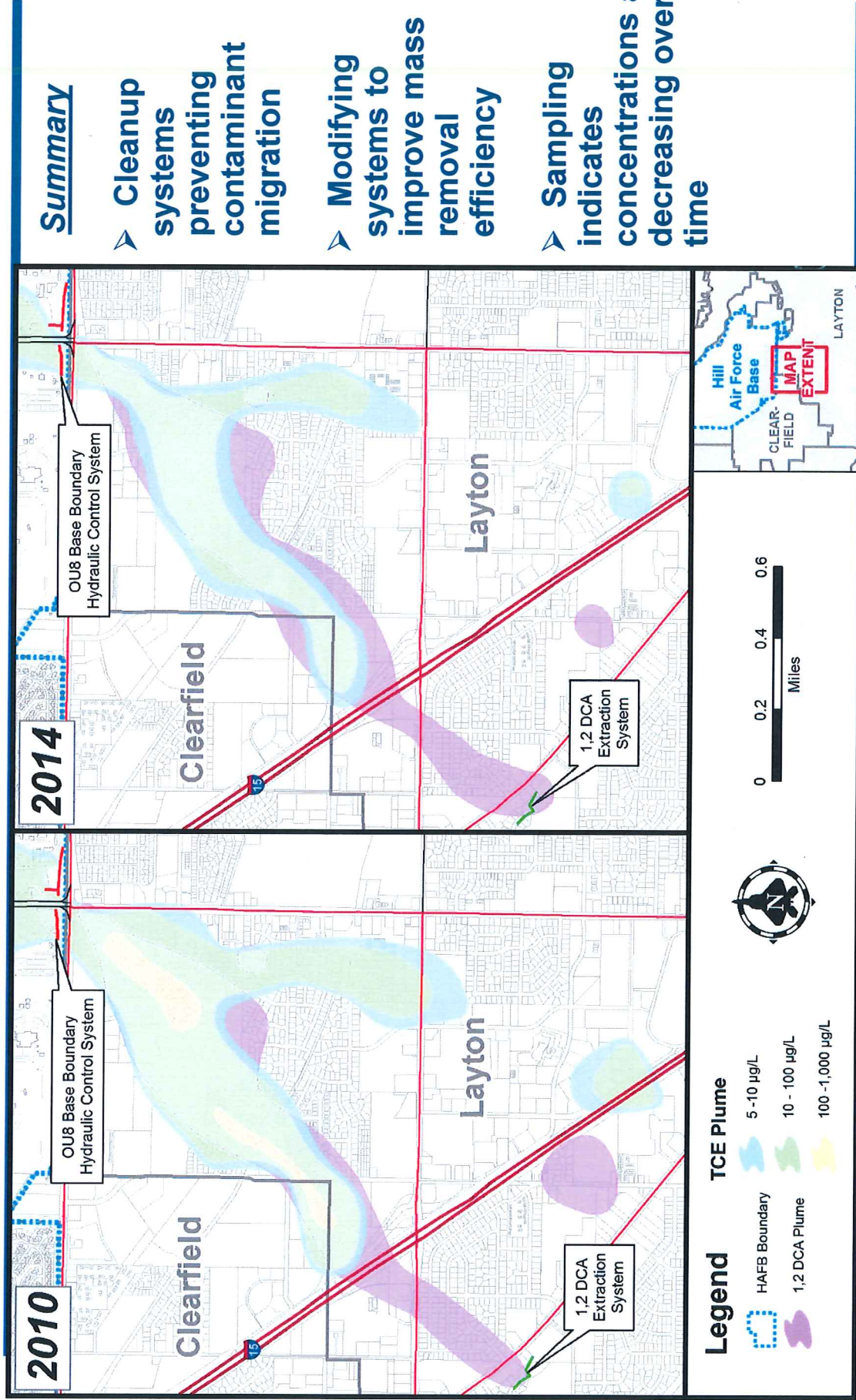
Groundwater Contamination Layton City Area



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OU 8 Plume Status



Summary

- Cleanup systems preventing contaminant migration
- Modifying systems to improve mass removal efficiency
- Sampling indicates concentrations are decreasing over time



Air Sampling Program

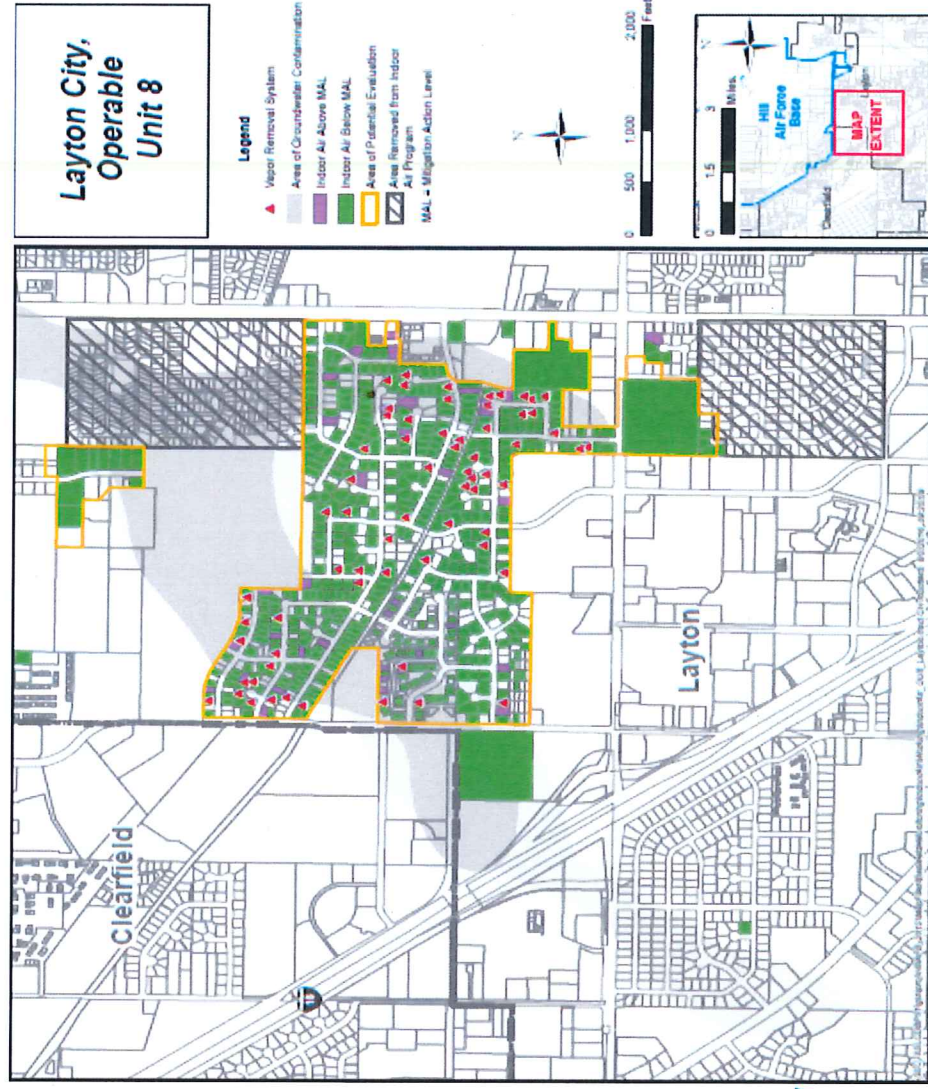
- Vapors from chemicals that evaporate can move up from the groundwater and into buildings – *Vapor Intrusion (VI)*
- Indoor air samples are collected to see if VI is occurring
- Action levels are established for each chemical with EPA and UDEQ approval
- A vapor mitigation system is recommend for VI above an action level





2016 Indoor Air Sampling Results

- 750 homes in affected area
- 662 homes sampled since 2003
- Historically:**
- 182 homes-detections above action level
- 480 homes-detections non-detect or below action level
- In 2016:**
- 178 homes contacted
- 102 homes sampled
- 2016 Results**
- 7 homes-detection above action level (inside source suspected in 5 homes)
- 95 homes-detections non-detect or below action level
- 66 homes have vapor mitigation systems





2017 Air Program Changes

- ❑ Residents will be graduated from the Air Program where air testing has shown VI is not an issue
- ❑ A newspaper notice in the Standard Examiner will notify residents in the affected area to contact Hill AFB for air testing



Contact Information

Name	Title	Contact Info
Mark Loucks	Environmental Program Lead	(801) 777-6299 or mark.loucks@us.af.mil
Shannon Smith	Operable Unit 8 Project Manager	(801) 775-6913 or shannon.smith.2@us.af.mil
Mark Roginske	Indoor Air Sampling Project Manager	(801) 775-3651 or mark.roginske@us.af.mil
Barbara Fisher	Hill AFB Environmental Public Affairs	(801) 775-3652 or barbara.fisher.1@us.af.mil
Hill AFB Restoration Advisory Board		
Clint Holm	Layton Community Representative	clintholm@gmail.com
Stephen Jackson	Layton City Representative	(801) 336-3709 or sjackson@laytoncity.org