

Air Force Real Property Agency

I n t e g r i t y - S e r v i c e - E x c e l l e n c e

Kelly Restoration Advisory Board

October 9, 2012



**John F. Kennedy High School
Auditorium
1922 South General McMullen Dr.
San Antonio, TX 78226
6:30 - 8:30 p.m.**

U.S. AIR FORCE



U.S. AIR FORCE

Welcome and Overview

- **6:30 – 6:35 Welcome and Overview**
- **6:35 – 6:45 Administrative Items**
- **6:45 – 7:10 Environmental Update**
- **7:10 – 7:30 RAB Adjournment Process**
- **7:30 – 8:30 Public Comment Period**
- **8:30 Adjournment**



U.S. AIR FORCE

Administrative Items

Mr. Jose Martinez
Facilitator



U.S. AIR FORCE

Administrative Items

- No action items from previous meeting
- 4/10/12 transcript acknowledgement



U.S. AIR FORCE

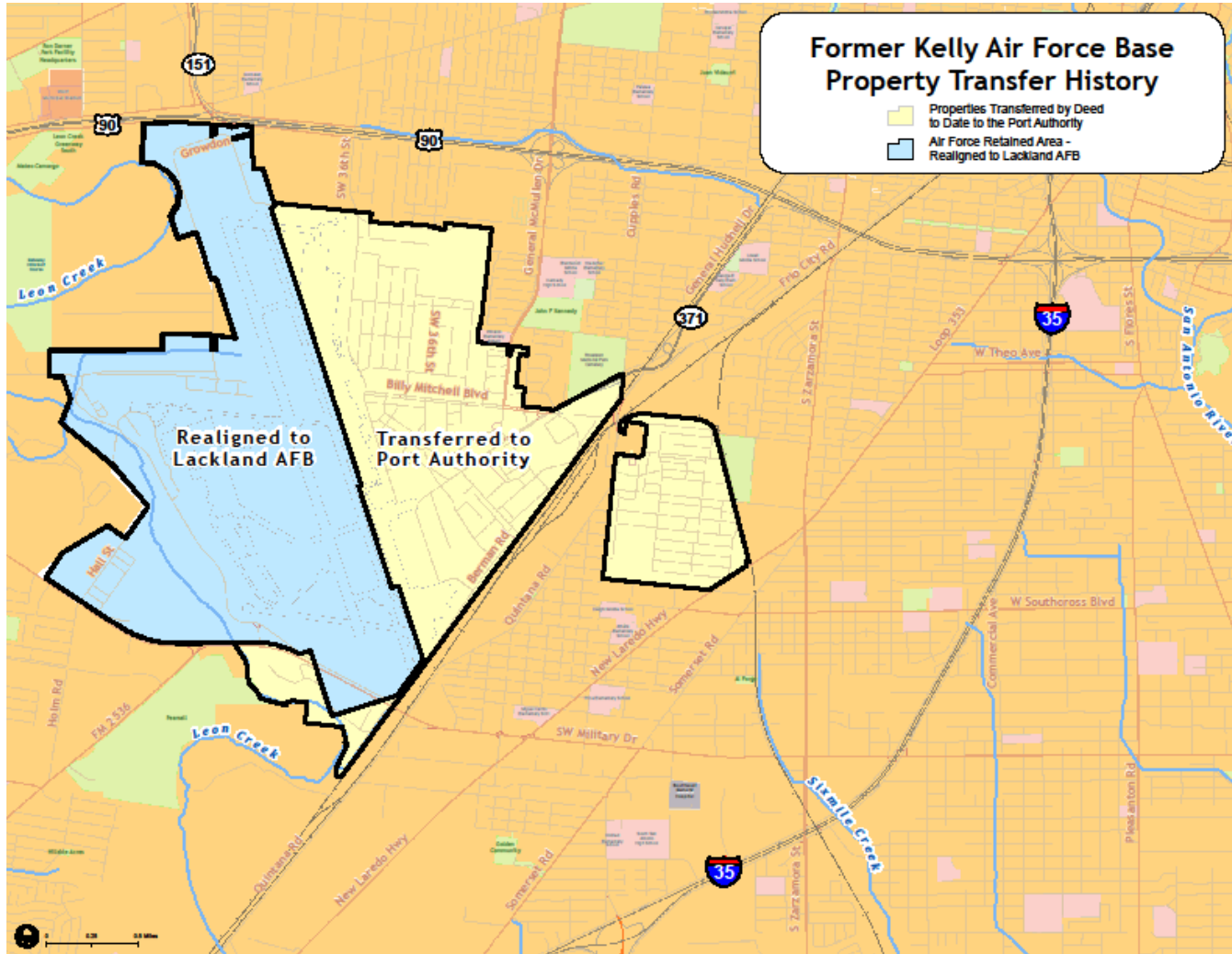
Environmental Update: Property Transfer and Environmental Cleanup

**Mr. Paul Carroll
BRAC Environmental Coordinator**



All Property Transferred

U.S. AIR FORCE





Cleanup and Monitoring Requirements

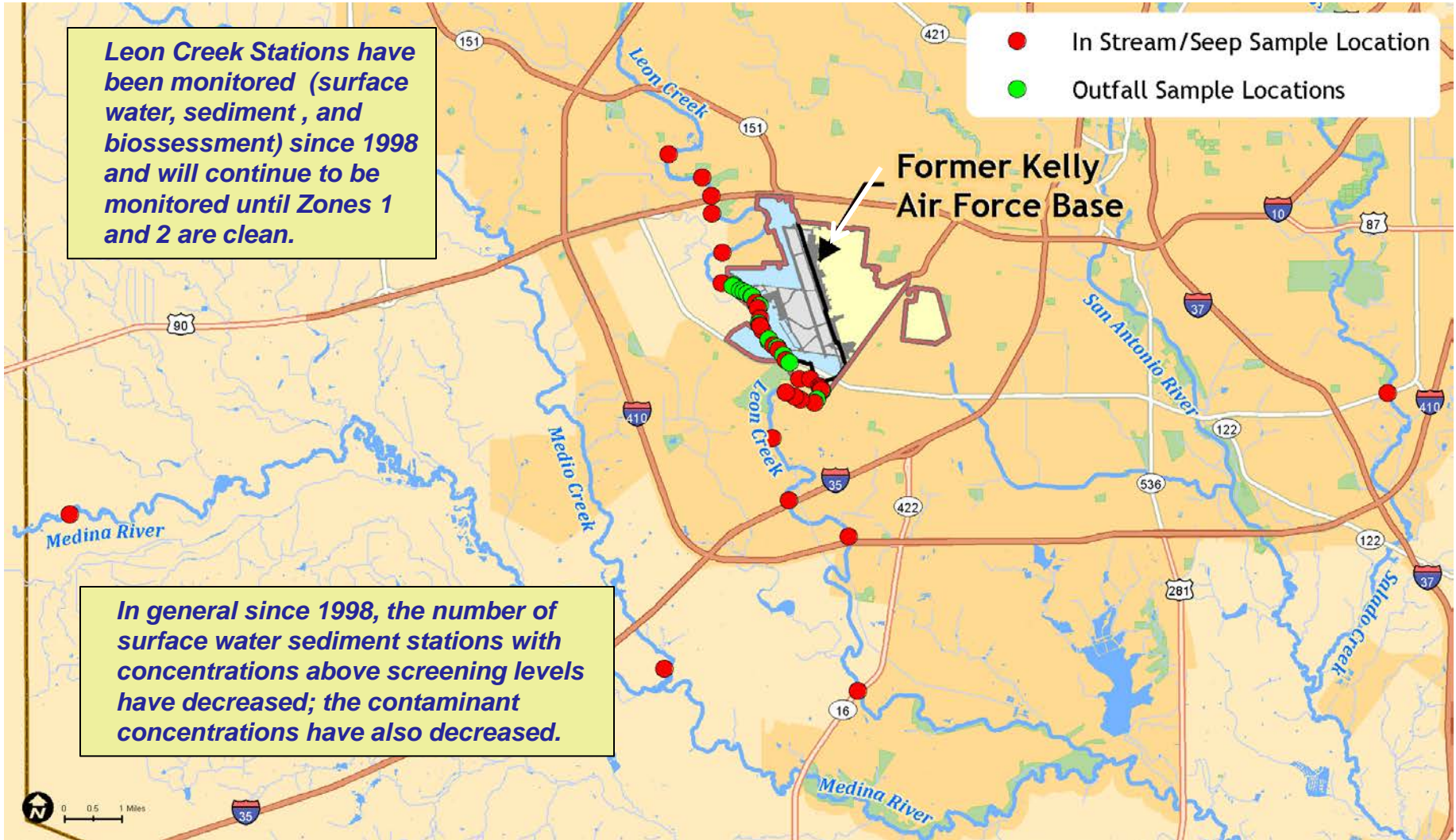
U.S. AIR FORCE

- **Texas Commission on Environmental Quality (TCEQ) Hazardous Waste Permit No. 50310**
 - **Originally issued in 1998 and renewed April 2009**
 - **Divides the permitted areas into 5 geographic Zones**
 - **Establishes monitoring at 15 waste management units and Leon Creek**
 - **In the groundwater, establishes the contaminants of concern (COCs) and Groundwater Protection Standards (GWPSs) or target cleanup levels**
 - **Establishes groundwater well network to be sampled annually (all units)/semiannually (Resource Conservation and Recovery Act [RCRA] units)**
 - **Establishes Leon Creek locations to be sampled semiannually**



Leon Creek Monitoring to Continue

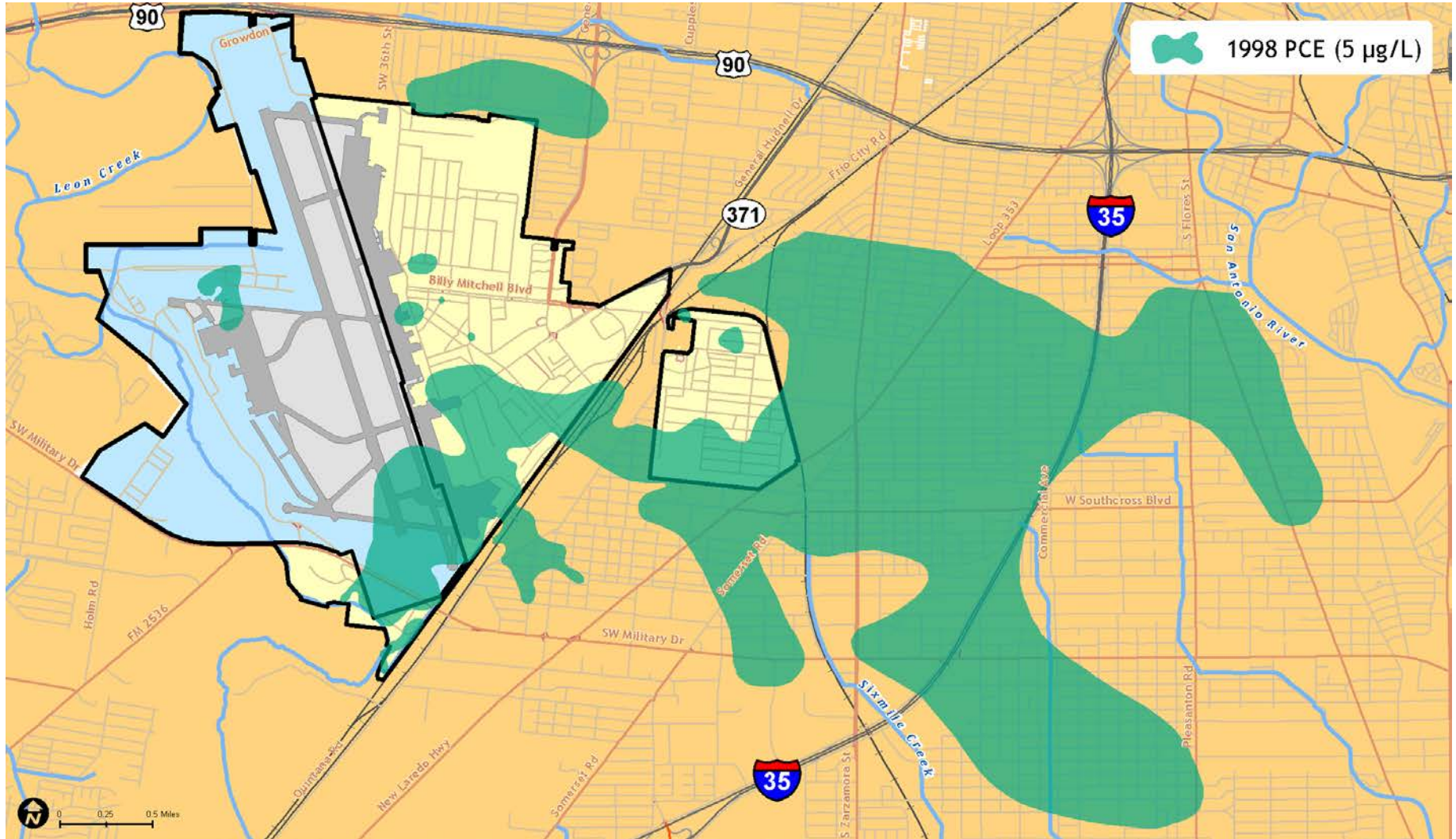
U.S. AIR FORCE





1998 Tetrachloroethene (PCE) Plume Contour

U.S. AIR FORCE

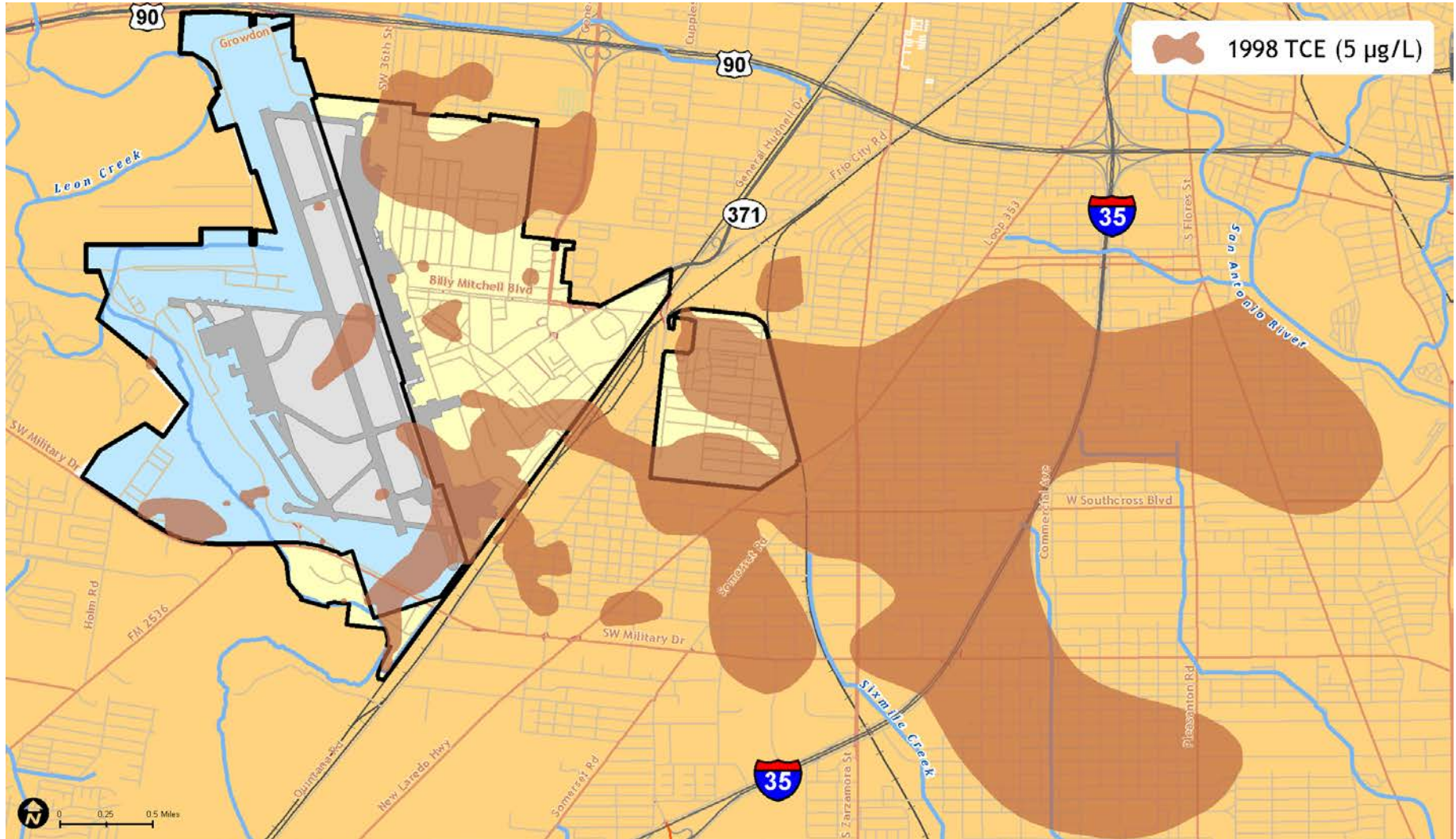


Integrity - Service - Excellence



U.S. AIR FORCE

1998 Trichloroethene (TCE) Plume Contour

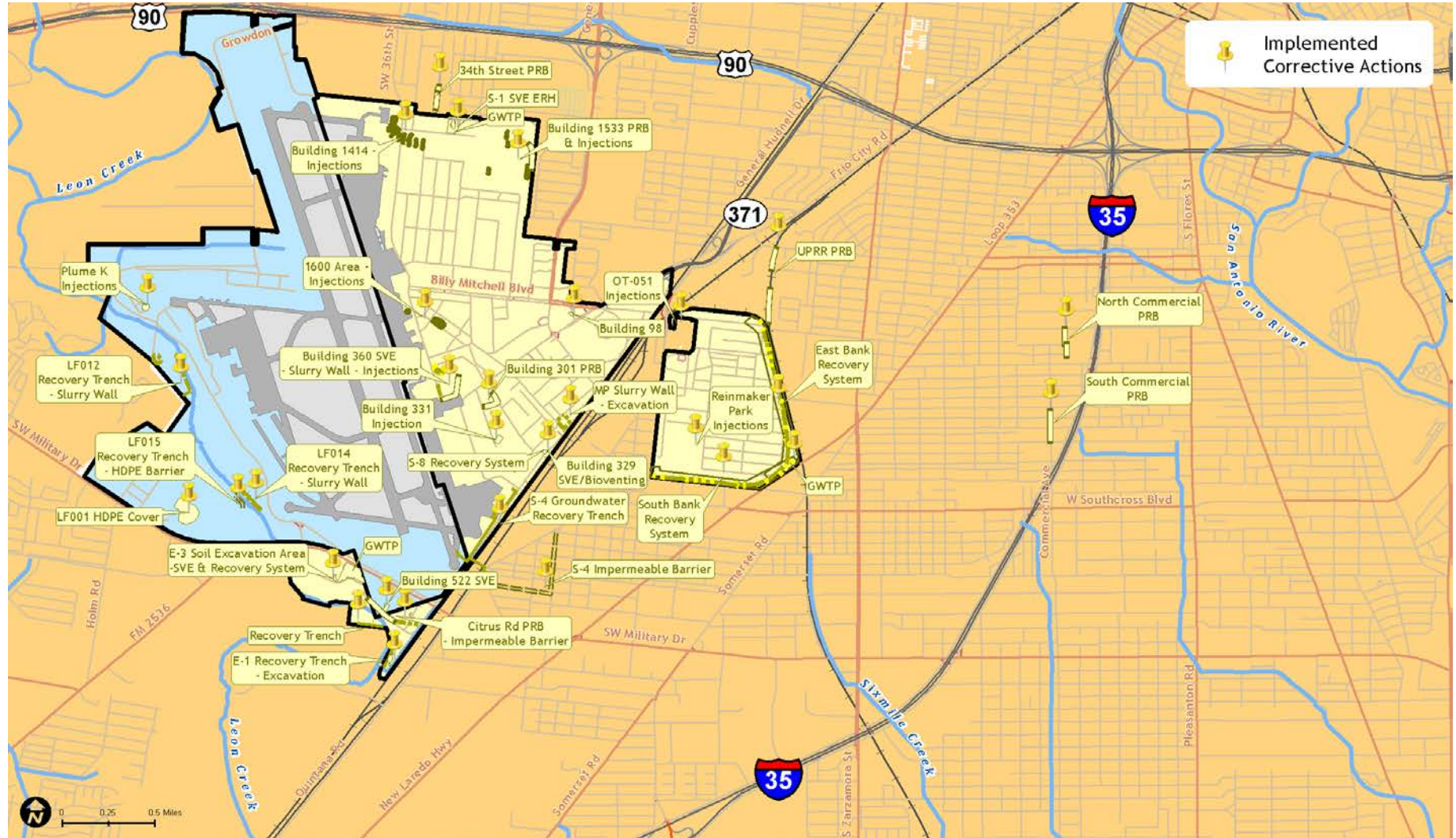


Integrity - Service - Excellence



U.S. AIR FORCE

Systems in Place

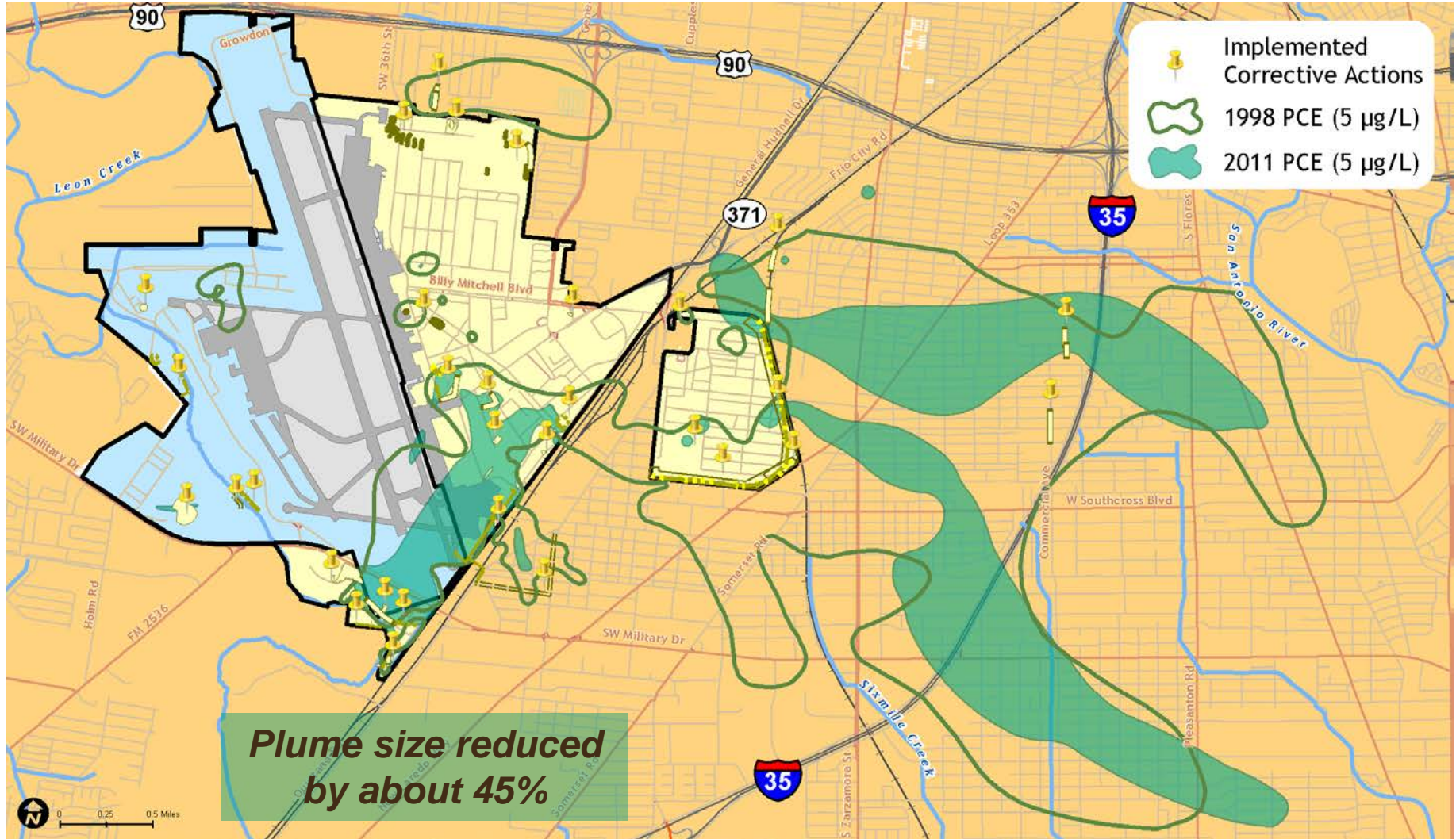


Integrity - Service - Excellence



Tetrachloroethene (PCE) Plume - Effect of Corrective Actions since 1998

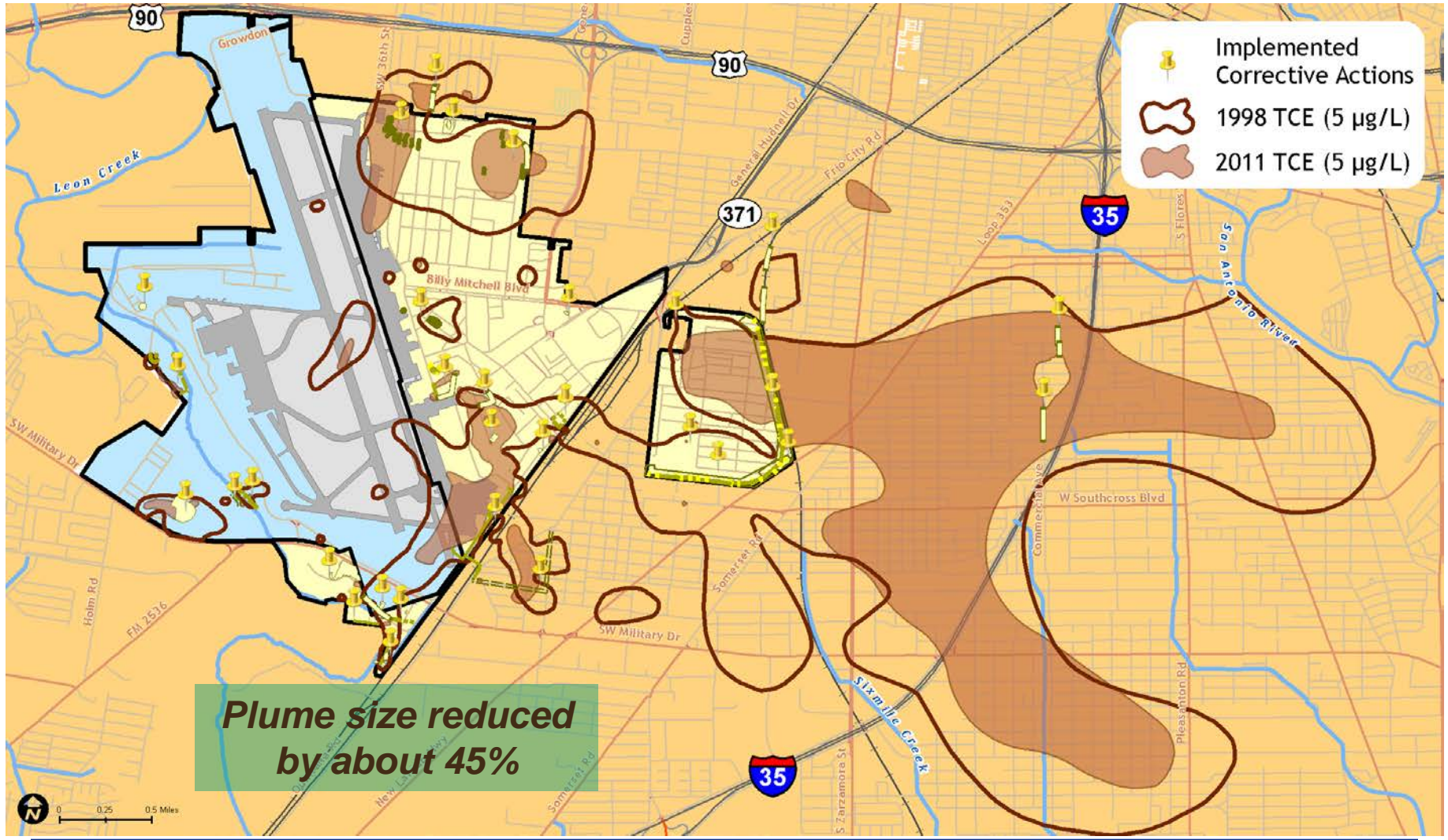
U.S. AIR FORCE





U.S. AIR FORCE

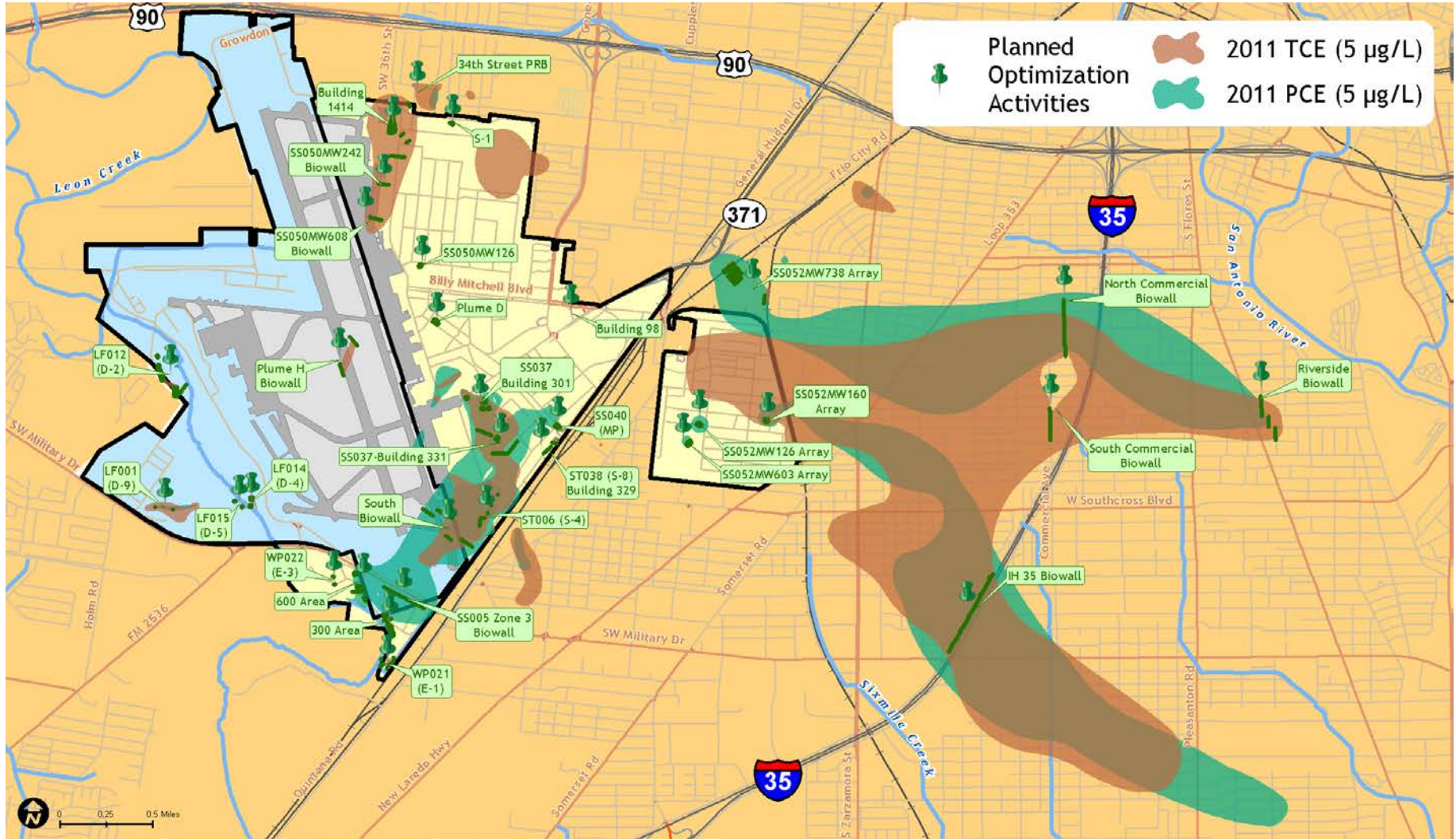
Trichloroethene (TCE) Plume - Effect of Corrective Actions since 1998





U.S. AIR FORCE

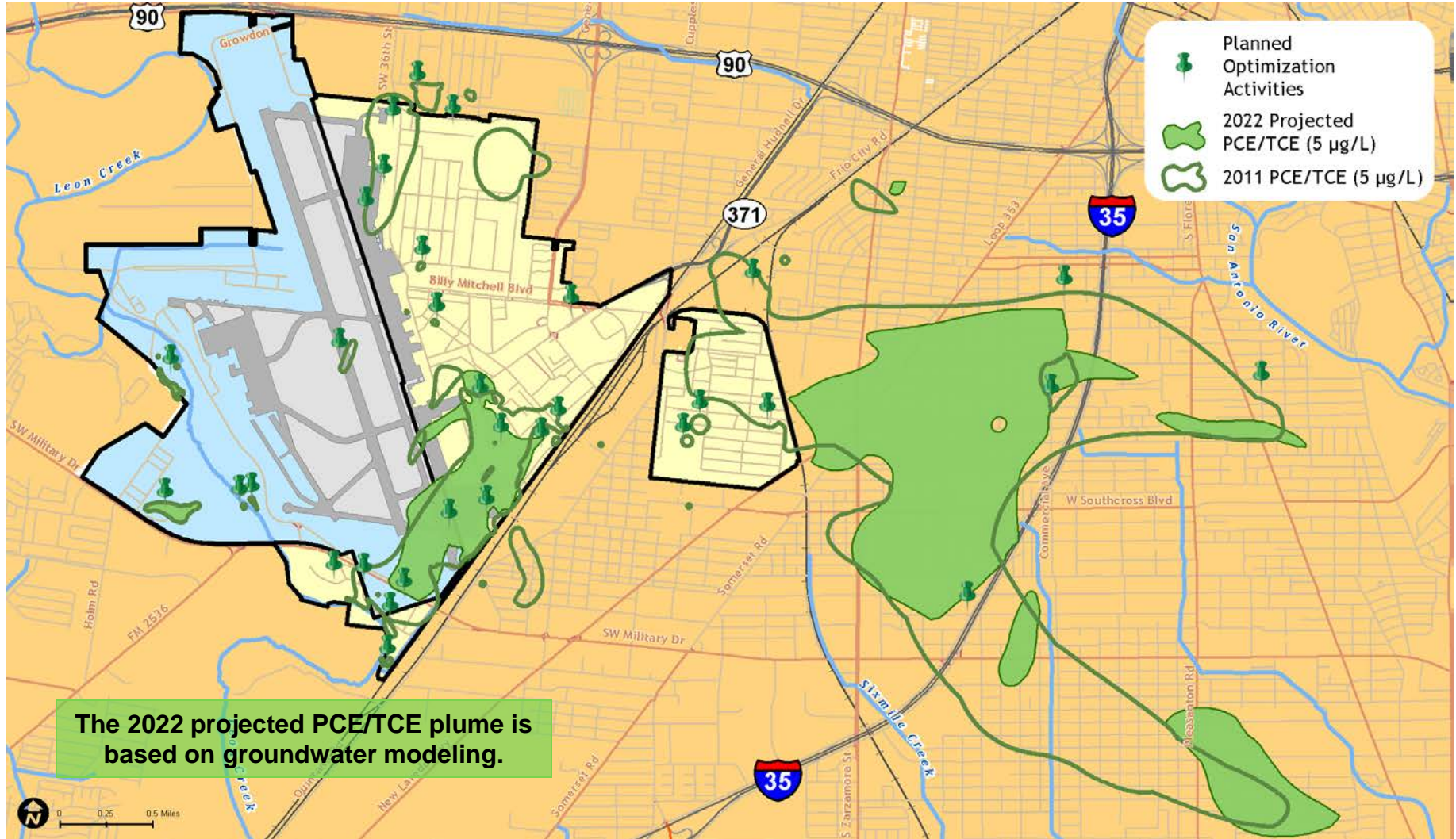
Areas of Optimization Activities





U.S. AIR FORCE

Projected Effect of Optimization Activities





- **Results of cleanup actions since 1998**
 - **Initial Corrective Actions were effective**
 - **Reduced source areas**
 - **Plume areas reduced and stable**
 - **Effective in stopping contaminants from reaching Leon Creek**

- **Continued optimization of cleanup actions**
 - **Address the large dissolved plume areas**
 - **Reduce time to reach cleanup levels**

- **Leon Creek monitoring and groundwater monitoring/ optimization activities will continue until cleanup has been completed**

- **Permit renewal in 2019**



Acronyms

AFB	Air Force Base
BRAC	Base Realignment and Closure
COCs	contaminants of concern
ERH	electrical resistive heating
GW	groundwater
GWPSs	Groundwater Protection Standards
GWTP	groundwater treatment plant
HDPE	high density polyethylene
ISEB	in situ enhanced bioremediation
PCE	tetrachloroethene
PRB	permeable reactive barrier
RAB	Restoration Advisory Board
RCRA	Resource Conservation and Recovery Act
SVE	soil vapor extraction
TCE	trichloroethene
TCEQ	Texas Commission on Environmental Quality
UPRR	Union Pacific Rail Road
WMA	Waste Management Area



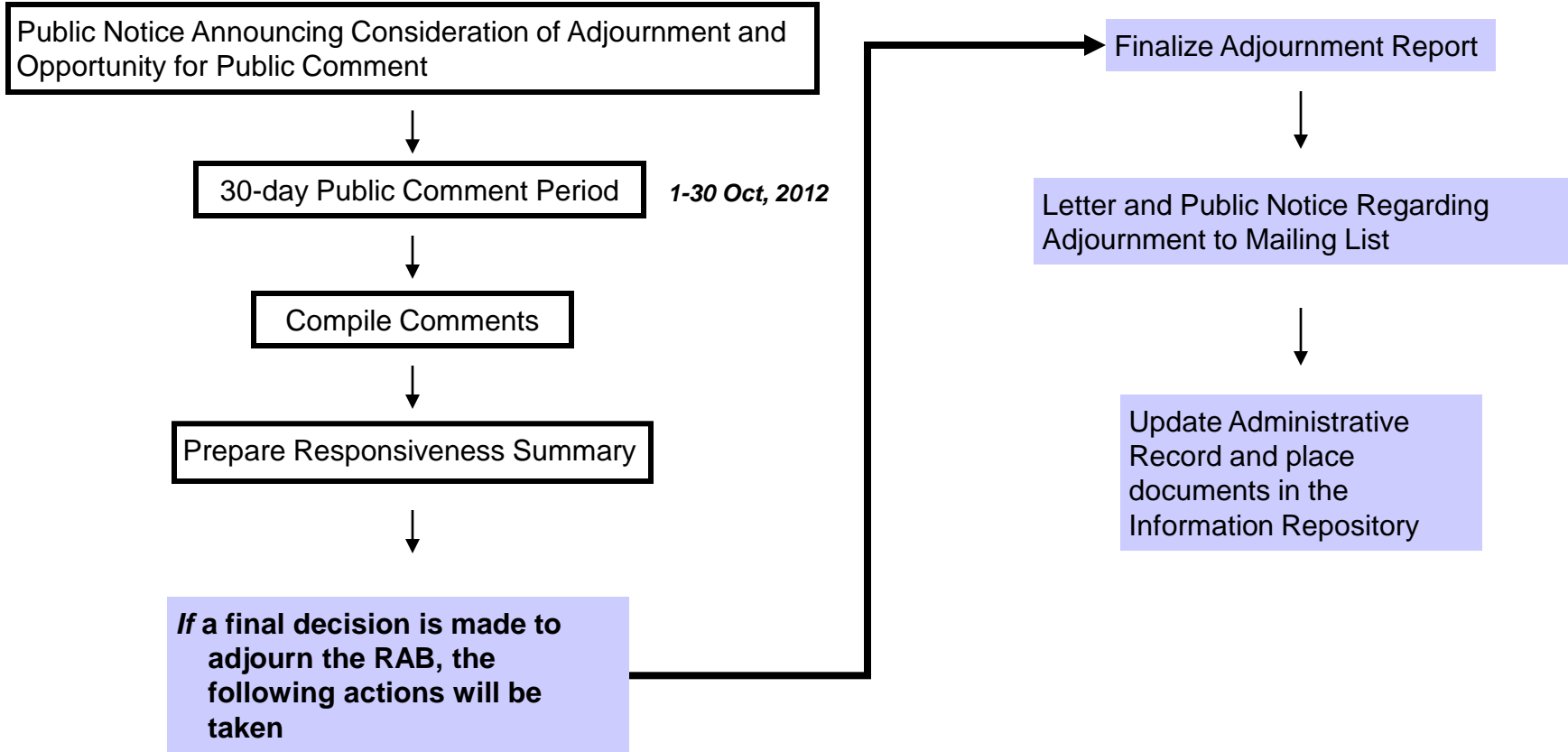
U.S. AIR FORCE

RAB Adjourment Process

**Mrs. Linda Geissinger
AFRPA Public Affairs Officer
Western Region**



RAB Adjourment Process





- **Formal public meetings, as required by law**
 - Announced via public notices
 - All current RAB members will be contacted by phone
 - Notify everyone on community mail list
- **Website has current cleanup information, maps, FAQs, and contacts**
 - www.safie.hq.af.mil/afrpa/legacybrac/kelly
- **Presentations and meetings on Kelly cleanup:**
 - Port San Antonio, 25 Sept
 - Neighborhood Association Groups, as requested
- **One on One meetings with**
 - Local elected officials
 - Concerned citizens
- **Air Force Public Affairs Office**
 - Phone: (210) 925-0956
 - Email: afrpa.pa@us.af.mil
 - Address: 2261 Hughes Avenue, Ste. 121, Lackland AFB, TX 78236-9821



U.S. AIR FORCE

Public Comment Period

Mr. Jose Martinez
Facilitator



U.S. AIR FORCE

For More Information

Contact AFCEC Public Affairs:

Public Information Line: 210-925-0956

Fax: 210-395-9527

Email: afrpa.pa@us.af.mil



U.S. AIR FORCE

Meeting Adjournment

Integrity - Service - Excellence