



# RANDOLPH AFB RESTORATION ADVISORY BOARD



Presenter:

Ms. Katherine Mehaffey



# Randolph Air Force Base

## IRP RAB Agenda



*Develop America's Airmen Today ... for Tomorrow*

- **Welcome**
  - **Mr. Tom Weaver, Community Co-Chair**
- **Site Status – Closed Sites**
- **Site Status – Open Sites**
  - **FT021: Hondo Fire Training Area**
  - **FT004: Former Fire Training Area No. 2**
  - **C512: Former OWS Location at Bldg 22**
  - **SS026: B1179 Airfield Communications Shed**
  - **SS027: H62 Base Civil Engineering Squadron**
  - **SS028: B991 Central Chiller Plant**
  - **Military Munitions Response Program Sites**
  - **Things to Come**
  - **Performance Based Contracts**



# Randolph Air Force Base

## IRP RAB Agenda



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- **Open Discussion**
- **Call for Agenda Items**
- **Schedule Next Meeting**
- **Adjourn**





# Sites Status



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Site ID	Title	Date Closed
<b>FINAL CLOSED</b>		
RW003	Low Radioactive Material Disposal	Nov 1993
FT007	Fire Protection Training	Mar 1997
SS009	Bldg. 1050 Pesticide Area	Mar 1997
SS010	Bldg.1351 Pesticide Storage Area	Mar 1997
LF002	Former Landfill No. #2	Dec 2000
OT008	Medical Sanitary Landfill	Dec 2000
ST013	Abandoned UST, Hangar 6	Nov 2001
ST014	Abandoned UST, Bldg. 675A	Nov 2001
ST016	Abandoned UST, Hangar 63	Nov 2001
ST018	Abandoned UST, Hangar 73	Nov 2001
ST012	Abandoned UST, Hangar 13	Jun 2002



# Sites Status



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Site ID	Title	Date Closed
<b>FINAL CLOSED (cont.)</b>		
SS023	East/West Flight Line	Oct 2002
ST017	Abandoned USTs, Bulk Fuel Farm West Side	Jun 2003
ST020	Abandoned UST, Bldg. 202	Jun 2003
SS022	Engine Parts Cleaning Facility, Bldg. 245	Oct 2003
FT006	Seguin Fire Training Area	Oct 2003
ST015	East Refueling Area, 4 Abandoned USTs	Jul 2004
FT005	Fire Protection Training Area	Dec 2004
WP011	Bulk Fuel Tanks, East Side, Disposal Pits	Sep 2004
ST019	BX Service Station	Sep 2005
LF001	Former Landfill (Horse Stable Area)	Sep 2005
AOC03	West Wherry	Jan 2009



# Sites Status



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Site ID	Title	Date Closed
<b>FINAL CLOSED (cont.)</b>		
CS008	Former Landfill – South of East Runway	Feb 2010
FR253	Firing Range 1	Oct 2010
PR254	South Ramp Pistol Range	Oct 2010
TS258	CC Street Skeet Range	Oct 2010
DP001	Area South of Eberle Park (formerly AOC02)	Oct 2011



# Sites Status



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Site ID	Title	Status
		<b>OPEN</b>
FT021	Hondo Fire Training Area	<i>Once wells are abandoned site will be closed</i>
FT004	Former Fire Training Area No. 2	<i>LTM</i>
C512	OWS Area at Bldg 22	<i>NFA with institutional controls proposed</i>
SS026	Diesel Spill at B1179	<i>New restoration site, in PBC</i>
SS027	Contaminated Soil at H62	<i>New restoration site, in PBC</i>
SS028	Diesel Spill at B991	<i>New restoration site</i>
<b>Military Munitions Response Program Sites:</b>		
TS255	South Ramp Skeet Range	<i>Deed restriction – residential land use prohibited</i>
TS256	Golf Course Skeet Range	<i>Limited removal action complete. Institutional controls proposed.</i>



# FT021

## Hondo Fire Training Area



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# FT021



## Hondo Fire Training Area

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- **Site FT021 is a former fire training area in Hondo**
- **Remedial Investigation began in 1992**
  - **Soil and groundwater samples**
  - **Sampling activities – 2005**
  - **Sampling activities – 2008**
    - **Soil samples – 8 locations (Total Petroleum Hydrocarbons (TPHs) were high)**
    - **Groundwater samples – 3 locations (No high concentrations found)**
- **Site update**
  - **Excavation and site restoration complete 12 Jul 11**
  - **Closure letter from TCEQ 29 Nov 11**
  - **FY12 – Well abandonment**

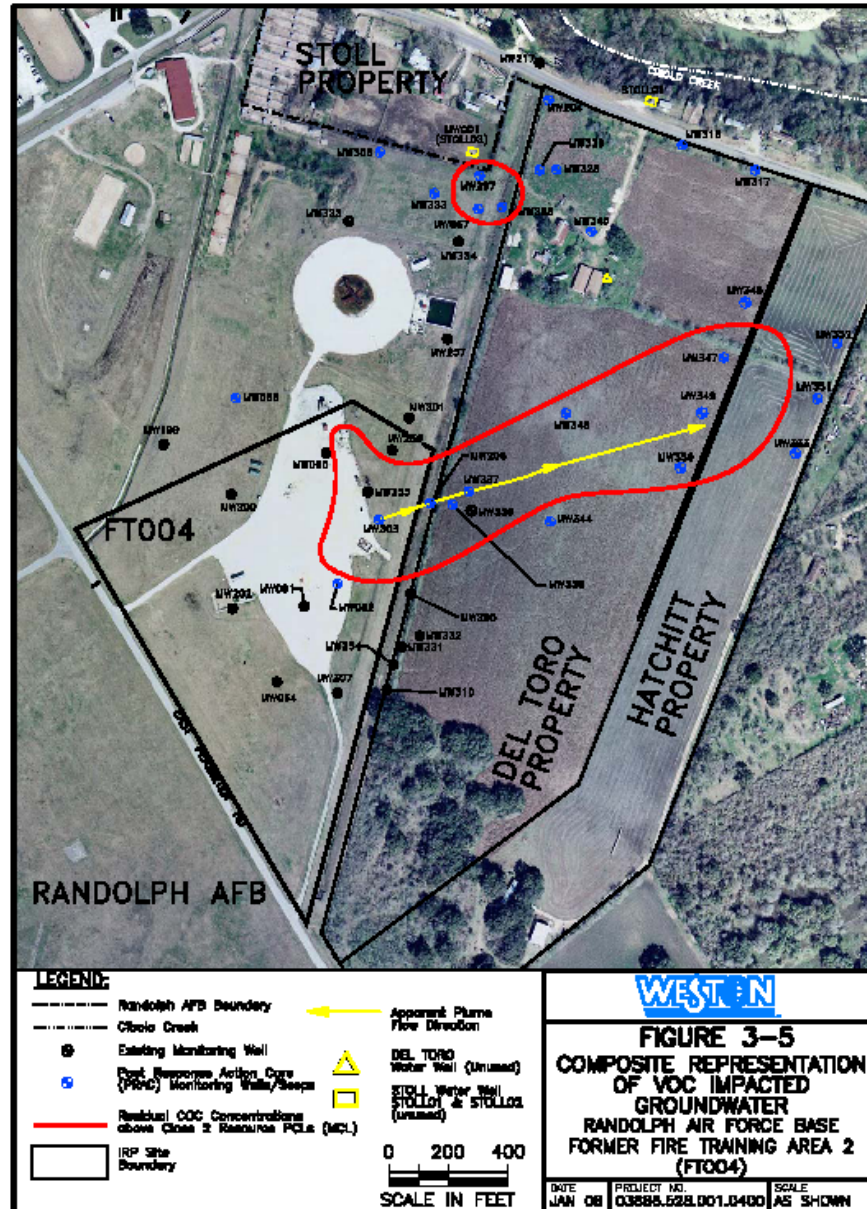


# FT004

## Former Fire Training Area No. 2



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# FT004



## Former Fire Training Area No. 2

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- **FT004 was a former fire training area**
- **Site Investigations**
  - Remedial Investigation – 1988, 1991, 2003
  - TCEQ issued Consent Order – 1995
  - Bioventing – 1997
  - Remediation by Natural Attenuation – 1999, 2000
  - TCEQ approved Response Action Plan (RAP) – 2006
  - TCEQ approved in-situ oxidation – 2008
  - TCEQ requested continued ground water monitoring – 2009 (semi-annual sampling next one Jul 2012)
- **Site Update**
  - 7-8 Nov 11 Two wells were replaced and repaired
  - 5-7 Dec 11 – Semi-annual groundwater monitoring



# C512



## Former OWS Location at Bldg 22

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# C512



## Former OWS Location at Bldg 22

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- **Site C512 is located on the west side of B22**
- **Site Investigations**
  - **Oil water separator (OWS) removed at Bldg 22 and contamination was identified**
  - **Remedial Investigation – Aug 2009**
    - **Installation of soil borings/monitoring wells – May 2010**
    - **Soil and groundwater sampling**
  - **Affected Property Assessment Report – Nov 2010**
- **Site Update**
  - **Response Action Plan (RAP)**
  - **Deed restriction with residential land use prohibited will be done in FY12**



# SS026

## Diesel Spill at B1179



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# SS026

## Diesel Spill at B1179



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- **B1179 an airfield communications shed on RAFB**
- **Site Investigations**
  - April 2010 - diesel release, 250 gallons, was identified
  - Mechanical malfunction due to inadequate engineering controls caused release
  - Visible contaminated areas were excavated by in-house personnel and samples were collected
  - Results demonstrated elevated levels of TPHs
- **Site Update**
  - This site is part of the Performance Based Contract



# SS027

## Contaminated Soil at H62



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# SS027



## Contaminated Soil at H62

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- **Hangar 62, home to the Civil Engineering Squadron, on RAFB**
  - **March 2010 – contractor excavated a trench for utility installation on RAFB near the southern corner of Hangar 62**
  - **Contractor noticed excavated soil was stained and had a hydrocarbon odor**
- **Site Investigations**
  - **Soil samples were collected from the soil pile and the walls of the trench**
  - **Results demonstrated elevated levels of TPHs**
- **Site Update**
  - **This site is part of the Performance Based Contract**



# SS028

## Diesel Spill at B991



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# SS028



## Diesel Spill at B991

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- **B991 is the Central Chiller Plant**
  - February 2010 - diesel release, 1,000 gallons, was identified
  - Mechanical malfunction due to inadequate engineering controls, no return line, caused release
- **Site Investigations**
  - Excavation and sampling completed March 2011
  - Results demonstrated elevated levels of TPHs
- **Site Update**
  - FY12 Project for Remedial Investigation and Feasibility Study
  - FY13 Project for Proposed Plan and Record of Decision



# Military Munitions Response Program Sites



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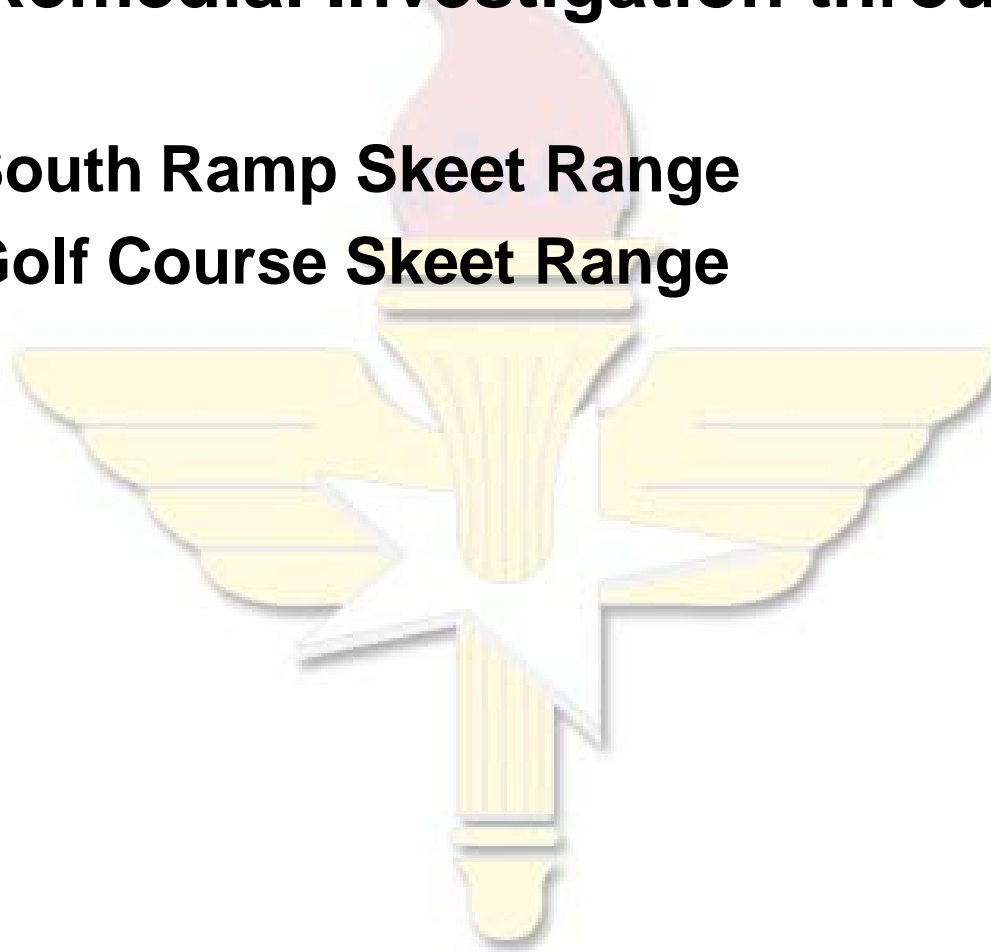


# Military Munitions Response Program Sites



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- **Performance based contract awarded to provide a complete Remedial Investigation through Site Closure**
  - **TS255 - South Ramp Skeet Range**
  - **TS256 - Golf Course Skeet Range**





# TS255

## South Ramp Skeet Range



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# TS255

## South Ramp Skeet Range



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- **Currently part of the south apron tarmac on the southwest side of RAFB**
- **Site Investigations**
  - **Remedial Investigation 2008**
    - **Soil samples – 49 locations – (lead and PAHs high)**
    - **Soil concentrations are below Texas Risk Reduction Program (TRRP) Tier 1 commercial / industrial protective concentrations levels (PCLs)**
- **Site Update**
  - **Deed Restriction – residential land use prohibited**
  - **Public meeting 22 Mar 12**



# TS256

## Golf Course Skeet Range



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# TS256



## Golf Course Skeet Range

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- **Currently 10<sup>th</sup> Hole of Randolph Oaks Golf Course**
- **Site Investigations**
  - **Remedial Investigation December 2008**
    - **Soil samples – 243 locations (lead and PAHs high)**
    - **Golf courses are commercial/industrial property**
  - **Excavated the zones that exceeded commercial / industrial PCLs**
- **Site Update**
  - **Excavation was completed Jan-Mar 2011**
  - **Notice of Violation closed 27 Feb 12**
  - **Propose residential land use prohibited**

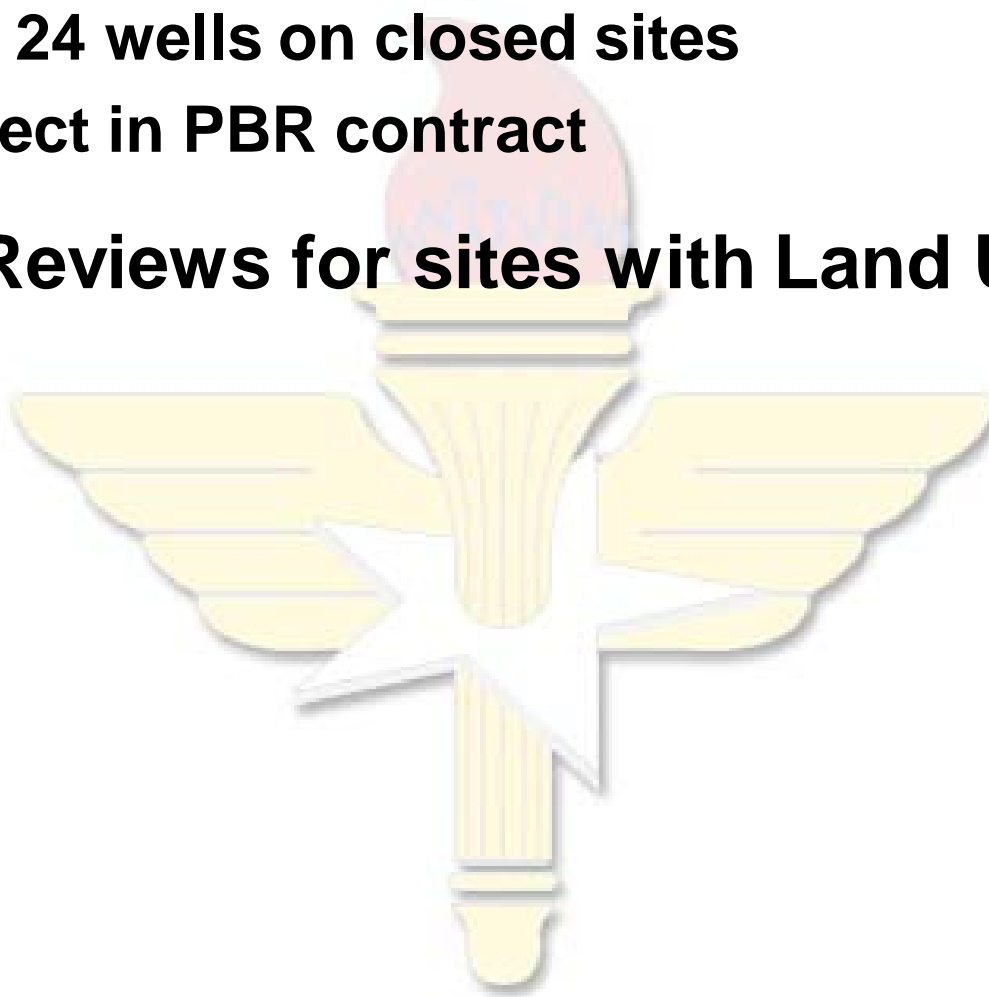


# Things to Come



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- **Well abandonment**
  - Abandon 24 wells on closed sites
  - First project in PBR contract
- **Five Year Reviews for sites with Land Use Controls (LUCs)**





# Performance Based Contracts (PBC)



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- **Randolph has 13 sites on the PBC**
- **PBC approach - achieve cleanup and restoration of resources in the shortest timeframe**
- **Fence-to-fence contracts**
  - **Reduce costs**
  - **Reduce total number of separate contracts**
  - **Accelerated site completions**
- **Contract awarded 22 Jul 11 to Lata-Kemron**



# Restoration Advisory Board



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- **Open Discussion**
- **Future Agenda Items**
- **Next Meeting**

