



- Legend**
- ◆ Shallow Monitoring Well
  - ◆ Shallow/Intermediate Monitoring Well
  - Well Dry in 2010
  - ⊕ Proposed Shallow Monitoring Well
  - ▲ Proposed Soil Boring Location
  - Perchlorate Exceeding Shallow Zone TRRP PCL (17 µg/L)
  - Trichloroethene Exceeding Shallow Zone MCL (5 µg/L)
  - Stream
  - Road
  - Hot Spot DPT Grid ISEB
  - ISEB Biobearer Shallow
  - Former Buildings or Concrete Slab
  - LHAAP-47 Site Boundary
  - Other LHAAP Sites

Source: July 2011 Final Feasibility Study Report for LHAAP-47, Plant 3 Area, Group 4, Longhorn Army Ammunition Plant, Karnack, Harrison County, Texas (Shaw, 2011)



- Notes:**
1. MCL - maximum contaminant level
  2. Results reported in micrograms per liter (µg/L).
  3. Most recent results are shown (1998 - 2010).
  4. Pluses and asterisks indicate intermediate zones and use the combined well data of both zones.
  5. Biobearers tied to 500 µg/L trichloroethene.
  6. TRRP PCL is the Texas Risk Reduction Program Protective Concentration Level for residential groundwater through ingestion (GW<sub>ing</sub>).
  7. P = Perchlorate.
  8. TCE = Trichloroethene.
  9. U = Concentration below detection.
  10. J = Concentration estimated.



Figure 3  
Proposed Soil Boring and Monitor Well Locations  
in Shallow Groundwater Zone  
Post Screening Investigation Work Plan  
LHAAP-47  
Longhorn Army Ammunition Plant  
Karnack, Texas