

Project Update: Kirtland Air Force Base, Bulk Fuels Facility Leak

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Albuquerque Bernalillo County
Water Utility Authority

Site Overview and Background



Decades long jet fuel leak discovered 25 years ago



Both soil (vadose zone) and aquifer are impacted

Fuel component, ethylene dibromide (EDB), spread to within a 1/2 mile of drinking water supply wells



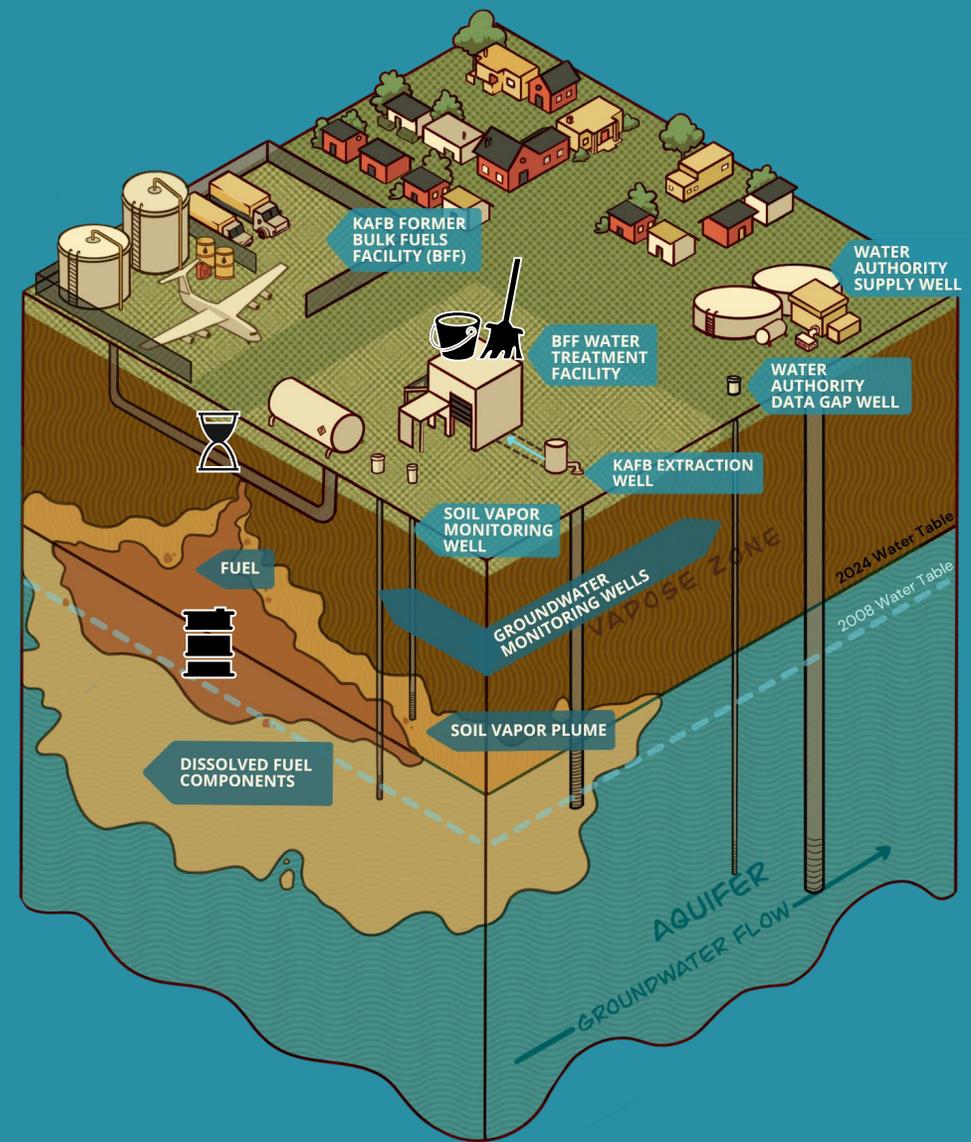
Cleanup follows RCRA Corrective Action process

• Breaks cleanup into:

- 1) Investigation
- 2) Cleanup Method Selection
- 3) Final Cleanup

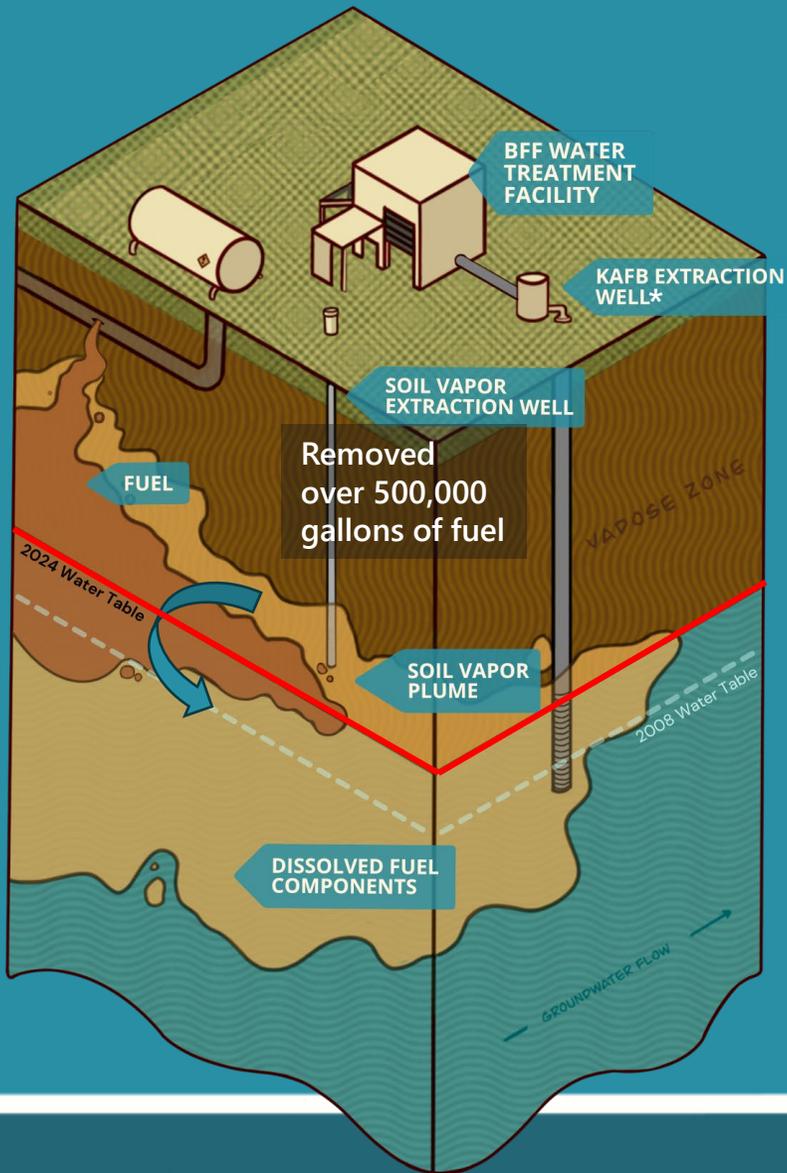


Interim
Measures



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Proactive Actions – Interim Measures



*Collaboration between Water Authority and Air Force

PAST: Soil Vapor Extraction with multiple SVE units (2006 – 2015)

CURRENT: Groundwater "Pump & Treat" with 4 extraction wells (est. 2015)

Critical Points

- Currently no active fuel treatment, allowing groundwater contamination to persist
- Without active treatment of the remaining fuel in the ground, cleanup is estimated to take over 800 years

Water Authority Engagement



Voluntarily sample all nearby supply wells for fuel components



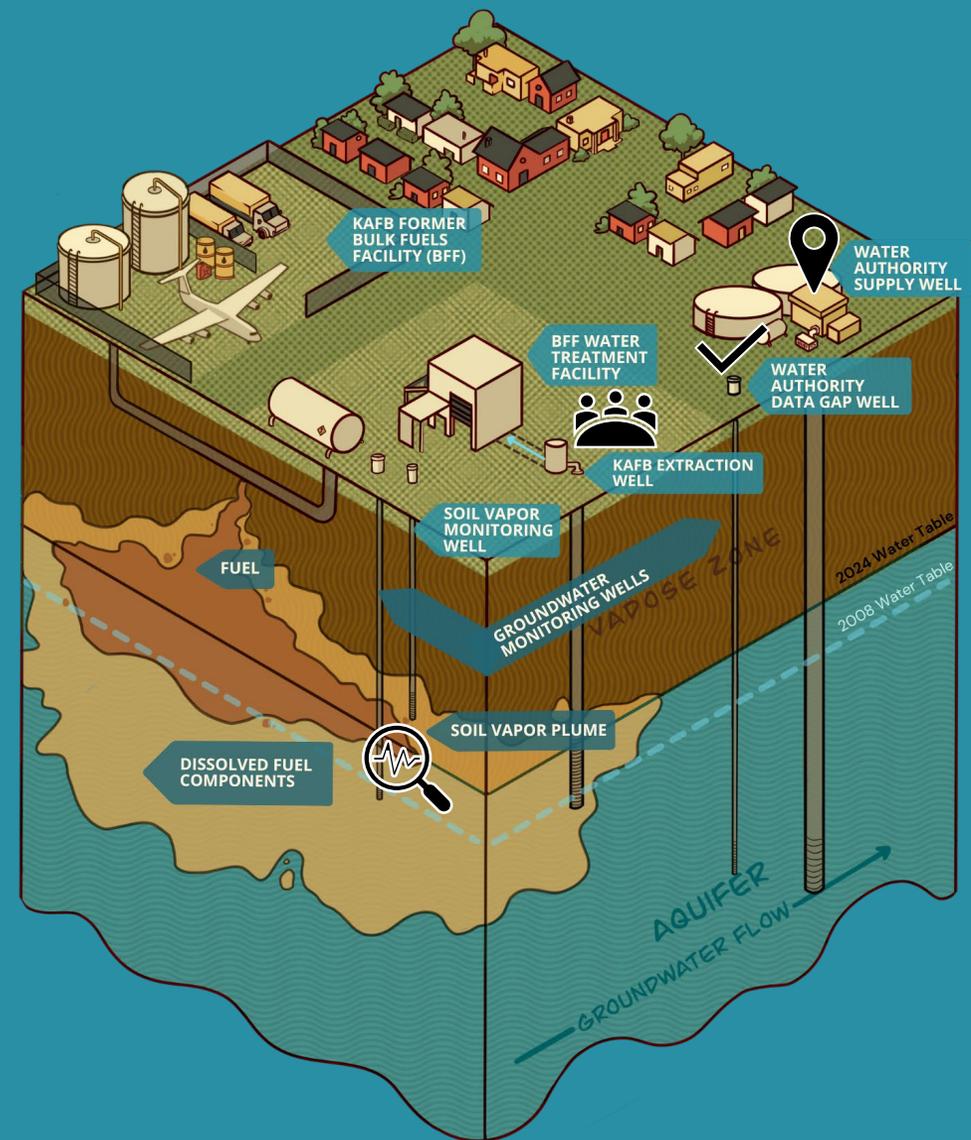
Consolidate and conduct technical analyses of site data



Installed and continue to sample the Data Gap Monitoring Well



Coordinate with local, state, and federal representatives to ensure effective site cleanup



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Congressional Engagement

- Water Authority is working with Congresswoman Stansbury on a legislative solution.
- Additional coordination is occurring with Senator Heinrich's office, with Congresswoman Stansbury's leadership.
- Both are considering additional engagement to support source cleanup and Water Authority participation.

Draft language has three primary points:

1. Accelerate the Corrective Measures Evaluation process
2. Use the most efficient technology, such as Soil Vapor Extraction, to remove remaining fuel in the ground
3. A seat for the Water Authority at the table with the Air Force to collaborate on cleanup

