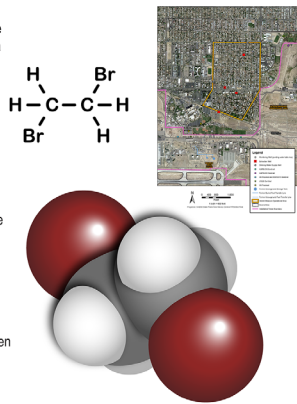
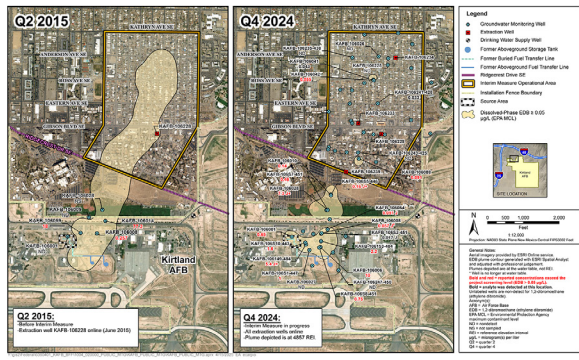
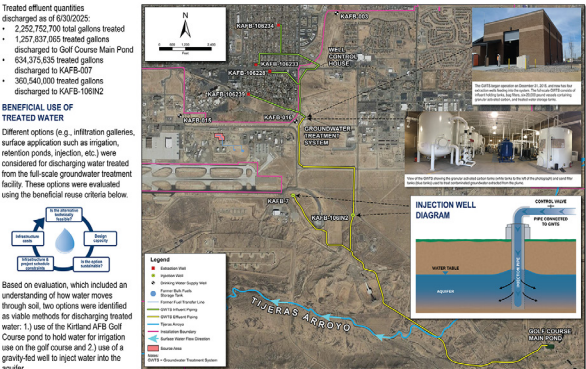

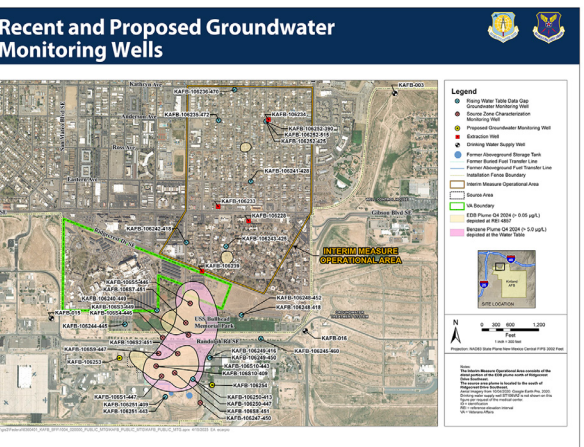
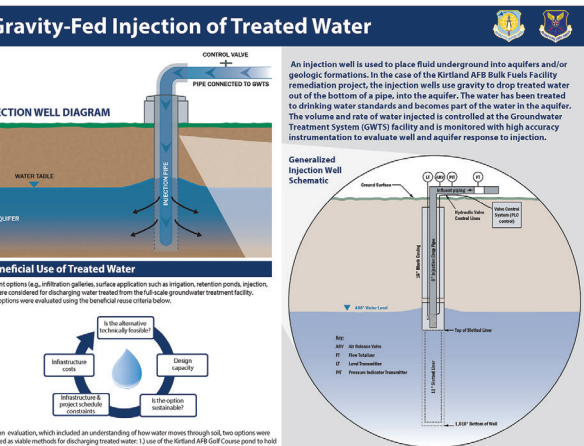
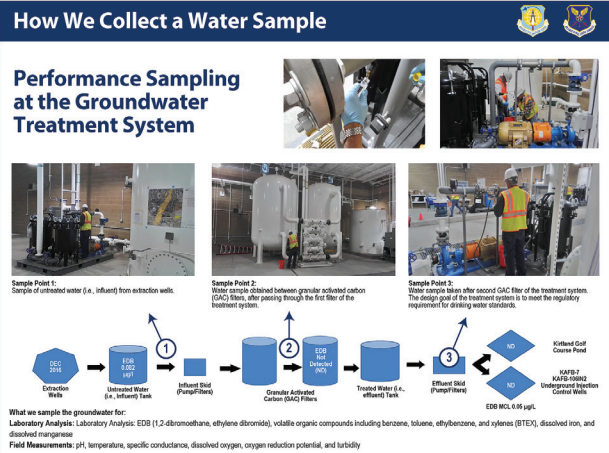
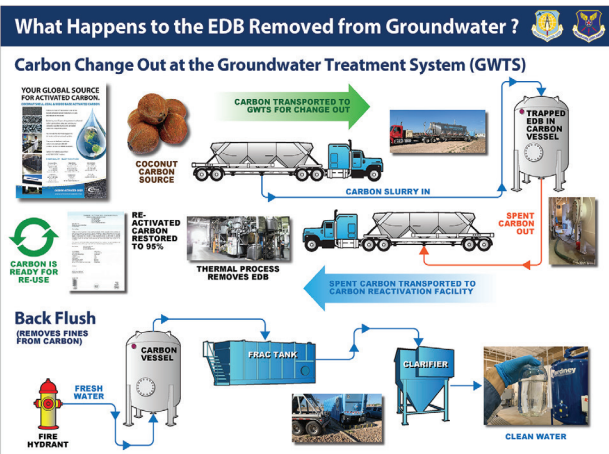
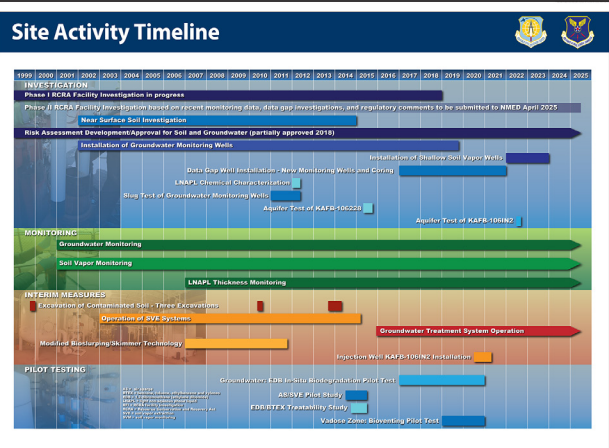
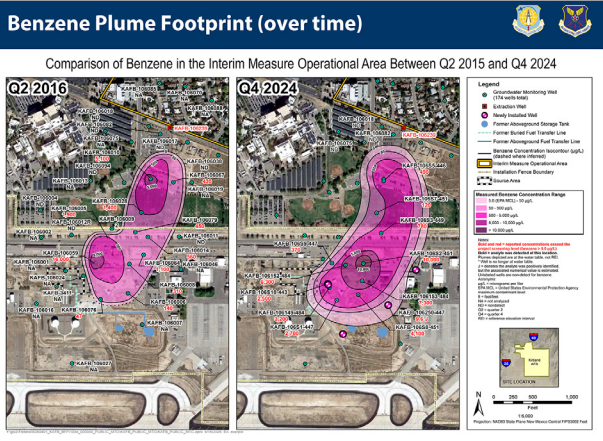

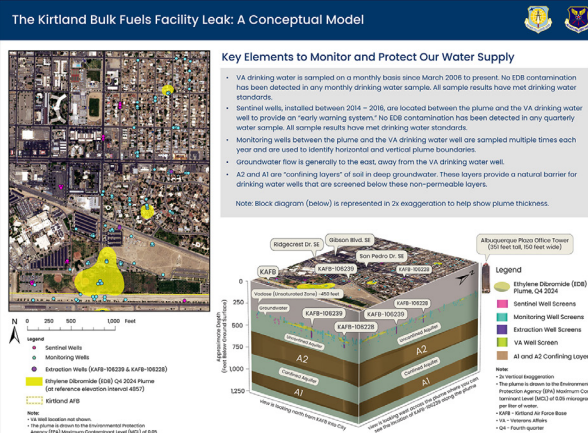
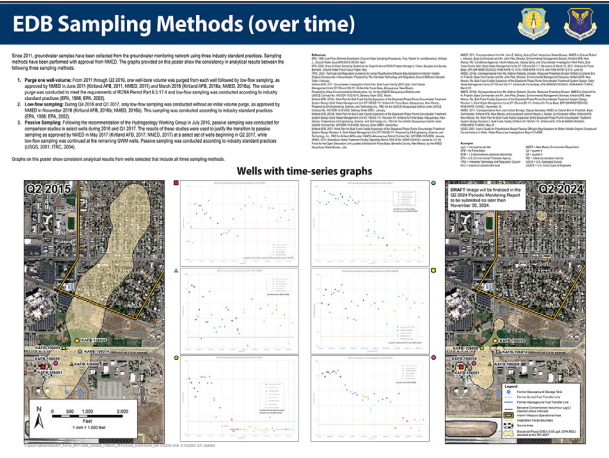
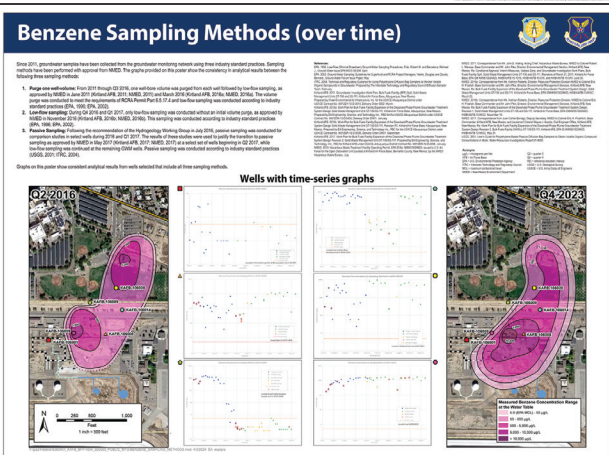
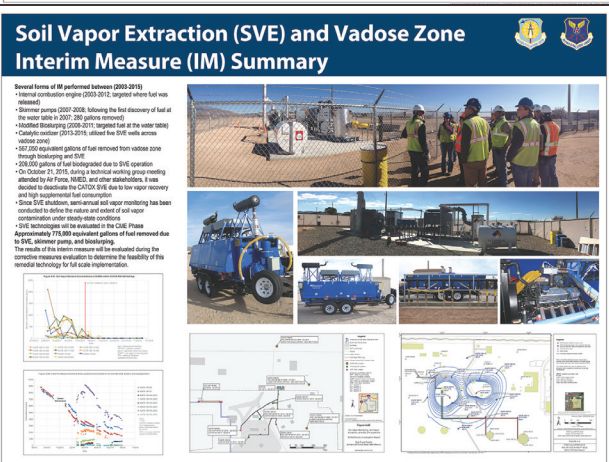


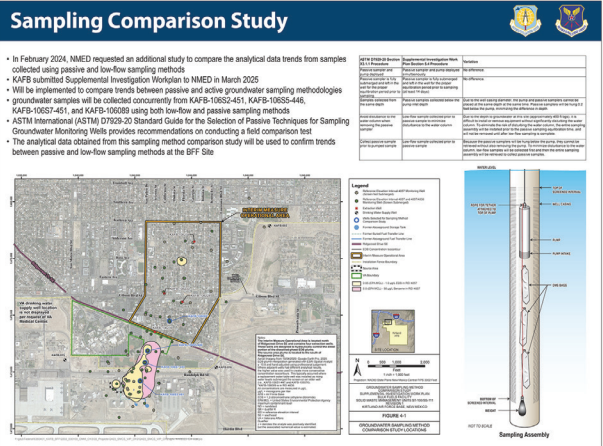
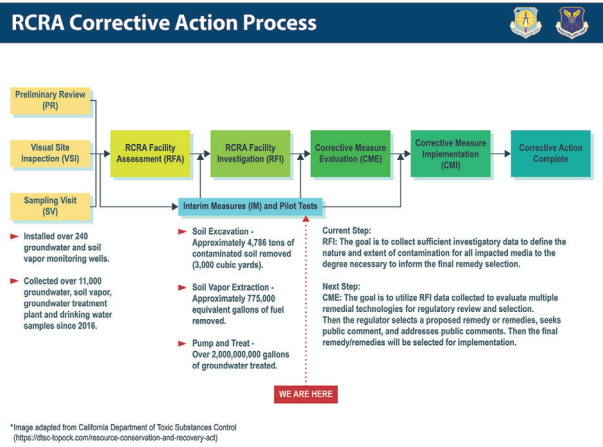

Title/filename	Thumbnail	Comment/status	Staffing
<p>What is EDB?</p> <p>WHAT_IS_EDB_05242022.pdf</p>	<p>What is Ethylene Dibromide (EDB)?</p> <ul style="list-style-type: none"> EDB, also known as 1,2-dibromoethane and ethylene dibromide, is a synthetic chemical that was used as a lead scavenger in aviation gas and leaded gasoline. EDB was also used as a fumigant in agriculture. EDB was in aviation gas that was stored and used at Kirtland Air Force Base until the 1970s. Fuel leaked into the ground and contaminated groundwater. EDB is regulated at 0.05 µg/L (parts per billion) by the U.S. Environmental Protection Agency and the New Mexico Environment Department. EDB has not been detected in Albuquerque drinking water supply wells. The EDB plume north of Ridgecrest Drive SE has been contained. There is currently no potential impact to Albuquerque drinking water supply wells. 	<p>Done. Poster was updated for the last public meeting.</p> <p>Poster revised 6/10/2022.</p> <p>Not used for April 2025 public meeting.</p>	
<p>EDB Plume Footprint (over time)</p> <p>EDB_PLUME_COMPARISON_Q215_VS.pdf</p>	<p>EDB Plume Footprint (over time)</p> <p>Comparison of Dissolved-Phase EDB in the Interim Measure Operational Area Between Q2 2015 and Q4 2024</p> 	<p>Legend and banner text revised 11/27/2023.</p> <p>Plume updated to REI 4857, Q4 2023 4/2/2024.</p> <p>Banner revised 4/4/2024.</p> <p>Plume updated to Q2 2024, 11/5/2024.</p> <p>Draft notice updated 11/13/2024.</p> <p>Plume updated to Q4 2024, 3/17/2025.</p> <p>Draft notice updated 3/17/2025.</p> <p>Draft notice removed 5/23/2025.</p>	
<p>Treated Effluent Disposition Locations</p> <p>TREATED_EFFLUENT_DISPOSITION_LOCATIONS.pdf</p>	<p>Treated Effluent Disposition Locations</p> <p>Treated effluent quantities discharged as of 6/30/2025:</p> <ul style="list-style-type: none"> 2,252,752,700 total gallons treated 1,257,637,065 treated gallons discharged to Golf Course Main Pond 634,375,635 treated gallons discharged to KAFB-007 360,540,000 treated gallons discharged to KAFB-100N2 <p>BENEFICIAL USE OF TREATED WATER</p> <p>Different options (e.g., infiltration galleries, surface application such as irrigation, retention ponds, injection, etc.) were considered for discharging water treated from the full-scale groundwater treatment facility. These options were evaluated using the beneficial reuse criteria below.</p>  <p>Based on evaluation, which included an understanding of how water moves through soil, two options were identified as viable methods for discharging treated water: 1) use of the Kirtland AFB Golf Course pond to hold water for irrigation use on the golf course and 2) use of a gravity-fed well to inject water into the aquifer.</p>	<p>Totals updated 11/05/2024.</p> <p>Updated 4/8/2025.</p> <p>Updated 6/30/2025.</p>	

Title/filename	Thumbnail	Comment/status	Staffing
<p>Groundwater Treatment System</p> <p>Groundwater_Treatment_System_05242022.pdf</p>	<p>Groundwater Treatment System (GWTS)</p>  <p>Example of a Pump & Treat System</p> <p>Extraction Well Locations</p>	<p>Done.</p> <p>No action for April 2025.</p>	
<p>Recent and Proposed Groundwater Monitoring Wells</p> <p>RECENT_PROPOSED_GWM_WELLS.pdf</p>	<p>Recent and Proposed Groundwater Monitoring Wells</p> 	<p>Map updated with REI 4857 Q4 2023</p> <p>EDB plume 4/2/2024.</p> <p>Map updated 11/13/2024.</p> <p>Poster updated 11/20/2024.</p> <p>Q4 2024 EDB plume updated 4/7/2025.</p> <p>Updated 5/23/2025.</p>	
<p>Gravity-Fed Injection of Treated Water</p> <p>Gravity_fed_injection_well_05262022.pdf</p>	<p>Gravity-Fed Injection of Treated Water</p>  <p>INJECTION WELL DIAGRAM</p> <p>Beneficial Use of Treated Water</p> <p>Generalized Injection Well Schematic</p>	<p>Done.</p> <p>No action for April 2025.</p>	

Title/filename	Thumbnail	Comment/status	Staffing
<p>How We Collect a Water Sample</p> <p>HOW_TO_COLLECT_A_WATER_SAMPLE_05262022.pdf</p>	<p>How We Collect a Water Sample</p>  <p>Performance Sampling at the Groundwater Treatment System</p> <p>Sample Point 1: Sample of untreated water (i.e., influent) from extraction wells.</p> <p>Sample Point 2: Water sample obtained between granular activated carbon (GAC) filters, after passing through the first filter of the treatment system.</p> <p>Sample Point 3: Water sample taken after second GAC filter of the treatment system. The design goal of the treatment system is to meet the regulatory requirement for drinking water standards.</p> <p>What we sample the groundwater for: Laboratory Analysis: Laboratory Analysis: EDB (1,2-dibromoethane, ethylene dibromide), volatile organic compounds including benzene, toluene, ethylbenzene, and xylenes (BTEX), dissolved iron, and dissolved manganese. Field Measurements: pH, temperature, specific conductance, dissolved oxygen, oxygen reduction potential, and turbidity.</p>	<p>Done.</p> <p>No action for April 2025.</p>	
<p>What Happens to the EDB Removed from Groundwater?</p> <p>CARBON_EDB_PROCESS_05262022.pdf</p>	<p>What Happens to the EDB Removed from Groundwater ?</p>  <p>Carbon Change Out at the Groundwater Treatment System (GWTS)</p> <p>YOUR GLOBAL SOURCE FOR ACTIVATED CARBON.</p> <p>COCONUT CARBON SOURCE</p> <p>CARBON TRANSPORTED TO GWTS FOR CHANGE OUT</p> <p>CARBON SLURRY IN</p> <p>TRAPPED EDB IN CARBON VESSEL</p> <p>RE-ACTIVATED CARBON RESTORED TO 95%</p> <p>THERMAL PROCESS REMOVES EDB</p> <p>SPENT CARBON OUT</p> <p>SPENT CARBON TRANSPORTED TO CARBON REACTIVATION FACILITY</p> <p>Back Flush (REMOVES FINES FROM CARBON)</p> <p>FRESH WATER</p> <p>FIRE HYDRANT</p> <p>FRAC TANK</p> <p>CLARIFIER</p> <p>CLEAN WATER</p>	<p>Done. Changeout photos were added for last public meeting.</p> <p>No action for April 2025.</p>	
<p>Site Activity Timeline</p> <p>SITE_ACTIVITY_TIMELINE_REV_03142024.pdf</p>	<p>Site Activity Timeline</p>  <p>1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025</p> <p>INVESTIGATION</p> <p>Phase I RCRA Facility Investigation in progress</p> <p>Phase II RCRA Facility Investigation based on recent monitoring data; data gap investigations; and regulatory comments to be submitted to NMED April 2025</p> <p>Near Surface Soil Investigation</p> <p>Risk Assessment Development/Approval for Soil and Groundwater (partially approved 2018)</p> <p>Installation of Groundwater Monitoring Wells</p> <p>Installation of Shallow Soil Vapor Wells</p> <p>Data Gap Well Installation - New Monitoring Wells and Closing</p> <p>LNAPL Chemical Characterization</p> <p>Slug Test of Groundwater Monitoring Wells</p> <p>Asbestos Test of KAF3-106220</p> <p>Asbestos Test of KAF3-106187</p> <p>MONITORING</p> <p>Groundwater Monitoring</p> <p>Soil Vapor Monitoring</p> <p>LNAPL Thickness Monitoring</p> <p>INTERIM MEASURES</p> <p>Excavation of Contaminated Soil - Three Excavations</p> <p>Operation of AVE Systems</p> <p>Groundwater Treatment System Operation</p> <p>Modular Biotransformation Technology</p> <p>Injection Well KAF3-106187 Installation</p> <p>PILOT TESTING</p> <p>Groundwater EDB In Situ Biodegradation Pilot Test</p> <p>ASBVE Pilot Study</p> <p>EMR/STX Treatment Study</p> <p>Vaporizer Monitoring Pilot Test</p>	<p>Updated 11/05/2024.</p> <p>Updated 4/7/2025.</p>	

Title/filename	Thumbnail	Comment/status	Staffing
<p>Benzene Plume Footprint (over time)</p> <p>BENZENE_PLUME_COMPARISON_Q216-.pdf</p>		<p>Legend and banner text revised 11/27/2023.</p> <p>Updated to Q2 2024 REI 4857 plume 11/05/2024.</p> <p>Draft note updated 11/13/2024.</p> <p>Updated to Q4 2024 water table plume 3/17/2025.</p> <p>Draft notice updated 3/17/2025</p> <p>Draft notice removed 5/23/2025.</p>	
<p>Recent Field Work</p> <p>RECENT FIELDWORK.pdf</p>		<p>New poster 10/12/2022.</p> <p>Updated with well rehab photos 11/14/2024.</p> <p>Updated with all new photos 4/8/2025.</p>	
<p>KAFB BFF Conceptual Model</p> <p>Poster The Kirtland Bulk Fuels Facility Leak A Conceptual Model_20250411.pdf</p>		<p>New poster 03/18/2024 (provided by Sundance)</p> <p>Revised 04/18/2024</p> <p>Sundance revised for April 2025.</p> <p>Sundance revised for 5/21/2025.</p>	

Title/filename	Thumbnail	Comment/status	Staffing
<p>EDB Sampling Methods (over time)</p> <p>EDB_Q215_Q224_TIME_SERIES_GRAPHs.pdf</p>		<p>New poster 10/19/2023</p> <p>Updated EDB plume to REI 4857 Q2 2024 11/06/2024.</p> <p>Draft note updated 11/14/2024.</p> <p>No action. Not used for April 2025.</p>	
<p>Benzene Sampling Methods (over time)</p> <p>BENZENE_Q216_Q224_TIME_SERIES_GRAPHs.pdf</p>		<p>New poster 10/19/2023</p> <p>Updated benzene plume to Q2 2024 at the water table 11/06/2024.</p> <p>Draft note updated 11/14/2024.</p> <p>No action. Not used for April 2025.</p>	
<p>Soil Vapor Extraction (SVE) and Vadose Zone Interim Measure (IM) Summary</p> <p>SVE_VZ_SUMMARY.pdf</p>		<p>New poster 6/25/2024</p> <p>Updated 6/28/2024</p> <p>Updated 4/5/2024</p> <p>Updated 4/7/2025</p>	

Title/filename	Thumbnail	Comment/status	Staffing
<p>Sampling Comparison Study</p> <p>SAMPLING_COMPARISON_STUDY.pdf</p>		<p>New poster 4/7/2025</p>	
<p>RCRA Corrective Action Process</p> <p>RCRA_CORRECTIVE_ACTION_PROCESS.pdf</p>		<p>New poster 4/7/2025</p>	
<p>What is the Difference Between Maximum Contaminant Level Goal (MCLG) and Maximum Contaminant Level (MCL)?</p> <p>MCL_VS_MCLG.pdf</p>		<p>New poster 4/7/2025</p>	