

# Air Force Installation & Mission Support Center

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**Joint Base Elmendorf-Richardson (JBER)  
Radium at Spill Site 22 (SS022)  
Defense Reutilization and Marketing Office  
(DRMO)**

**Mr. Don Aide  
AFCEC/CZOP  
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## ***SS022 Background***



- **The site is a 46-acre DRMO facility that has stored and handled materials since the 1950s**
- **JBER is on the National Priorities List (NPL) and SS022 is the designation of the CERCLA site addressing 28 physical anomalies containing waste materials**



# Location



UNCLASSIFIED

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## ***SS022 Investigations***



- **A Remedial Investigation/Feasibility Study (RI/FS) started in 2009 but stalled when state and federal regulatory agencies required additional investigation**
  - **Radiological surveys were conducted at each anomaly in 2009 & 2010 in accordance with MARSSIM**
  - **Investigatory trenches in anomalies demonstrated discrete Ra-226 sources are present that cannot be detected by walkover gamma surveys**
  - **27 radioactive items (gauges, lamp switches, radio parts) and associated soil were removed from anomalies 3,19, 20, 23, 24, 25, 27 & 28 and shipped by Bioenvironmental to Wright-Patterson**
- **A supplemental RI/FS, started in 2017, may also stall due to potential per- and polyfluoroalkyl substances (PFAS) impacts from aqueous film forming foam (AFFF) that are being investigated under an installation-wide RI/FS**



## ***Control Measures***



- **Air Force maintains a radioactive permit for SS022 which requires:**
  - **Annual audit of records**
  - **Annual site inspection of SS022**
  - **Results briefed to the JBER Radiation Safety Officer and permittee**
- **Digging at the site is restricted**
  - **All digging on JBER requires approval**
  - **JBER Restoration is one of the approval authorities**