Air Force Civil Engineer Center

12-Month Look Ahead

Joint Base Cape Cod
Cleanup Team Meeting
25 March 2026

Overview

- AFCEC Installation Restoration Program
  - On-going Remedial Actions
  - New Remedial Actions
  - Groundwater Site Closure
  - Wind Turbine Repair
- Army National Guard Military Munitions Response Program
  - CERCLA Documents
  - On-going Remedial Actions
- Public Comment Periods
- Planned JBCCCT Meetings

On-Going Remedial Actions

- Pumping and treating 6.5 million gallons per day at four groundwater sites
  - Chemical Spill-10, Chemical Spill-21, Landfill-1, Fuel Spill-12
- Monitoring and Land Use Controls at 13 legacy groundwater sites
- Land Use Controls at five source areas (includes two landfills)
- Interim Land Use Controls at five PFAS sites/operable units
- Explanation of Significant Differences at CS-10 Source Area
  - Update Land Use Control language

New Remedial Actions

- FTA-1 PFAS Interim Action Construction
  - Spring 2026
    - Drilling, pump tests along Sandwich Road
  - Summer 2026
    - Tree clearing along Sandwich Road
    - Well drilling, well vault and pipeline installation at Sandwich Road and Crane Wildlife Management Area
  - Spring 2027 System Startup

- Skeet Range Soil Removal
  - Possibly Fall 2026 if project receives funding

Groundwater Site Closure

JBCC GROUNDWATER SITES - CERCLA TIMELINES

GROUNDWATER SITE	Remedial Investigation	Feasibility Study	Interim Action	Proposed Plan	Record of Decision	Remedial Action-Design and Construction	Treatment System Operation	Remedial Action-Operation (incl LTM/LUCs)	Response Complete	Site Closure
CLOSED GROUNDWATER SITES										
Chemical Spill-20	1999	1999	N/A	1999	2000	2001-2006	2006-2015	2006-2020	2021	2021
Chemical Spill-23	2005	2006	N/A	2006	2007	2006	2006-2017	2006-2020	2021	2021
Fuel Spill-1	1999	1999	1999-2003	1999	2000	2002-2003	1999-2019	2003-2020	2022	2022
Fuel Spill-29	1999	1999		1999	2000	2001-2006	2006-2010	2006-2020	2021	2021
GROUNDWATER SITES CLOSING BEFORE 2034										
Chemical Spill-4	1999	1999	N/A	1999	2000	2001-2006	1994-2023	2006-Present		
Fuel Spill-13	1999	1999	N/A	1999	2000	N/A	N/A	2006-Present		
Fuel Spill-28	1999	1999	1997-2000	1999	2000	2007	1997-2024	2000-Present		
Storm Drain-5	1996	2004	1997-2004	2005	2006	N/A	1997-2004	2006-Present		
Chemical Spill-19	2003	2009	N/A	2009	2009	N/A	N/A	2009-Present		
Chemical Spill-21	1999	1999	N/A	1999	2000	2001-2006	2006-Present	2006-Present		
GROUNDWATER SITES CLOSING AFTER 2034										
Ashumet Valley	1995	2007	1999-2009	2007	2009	2009	1999-2022	2009-Present		
Chemical Spill-10	2001	2008	1999-2009	2009	2009	2009/2014	1999-Present	2009-Present		
Fuel Spill-12	1995	2004	1997-2006	2005	2006	N/A	1997-Present	2006-Present		
Landfill-1	1996	2006	1999-2007	2006	2007	2007	1999-Present	1999-Present		
Fire Training Area-2	1996	2014	N/A	2014	2016	N/A	N/A	2016-Present		
Fuel Spill-10	1996	2014	N/A	2014	2016	N/A	N/A	2016-Present		
Fuel Spill-11	1996	2014	N/A	2014	2016	N/A	N/A	2016-Present		
Fire Training Area-1 PFAS	2024	Future	In Progress	Future	Future	Future	Future	Future		
Chemical Spill-10 PFAS	Future	Future	In Progress	N/A	ESD-Future	TBD	2019-Present	Future		
Landfill-1 PFAS	2018	2023	In Progress	N/A	ESD-Future	TBD	2019-Present	Future		
Tanker Truck Rollover PFAS	2025	Future	2016-2022	Future	Future	Future	Future	Future		
Flightline PFAS	In Progress	Future	TBD	Future	Future	Future	Future	Future		

Groundwater Site Closure
(continued)

- 6 JBCC groundwater plumes are expected to achieve Site Closure (SC) during the Optimized Remediation Contract Period of Performance (2024-2034)
  - Chemical Spill-4 (CS-4): Pump and Treat 1994-2023
  - Fuel Spill-13 (FS-13): No active treatment
  - Fuel Spill-28 (FS-28): Pump and Treat 1997-2024
  - Storm Drain-5 (SD-5): Pump and Treat 1997-2004
  - Chemical Spill-19 (CS-19): No active treatment
  - Chemical Spill-21 (CS-21): Pump and Treat 2006-Present

- Sites must first reach Response Complete (RC) before achieving SC

Groundwater Site Closure
(continued)

- RC represents regulatory closure under CERCLA and is achieved through issuance of a Remedial Action Completion Report (RACR)
  - Once RC is achieved, land use controls and Five-Year Reviews are no longer required

- Records of Decision (RODs) require a three-step process to achieve RC (documented in RACR)
  - Step 1: Demonstrate Remedial Goals have been reached throughout the plume
  - Step 2: Complete residual risk assessment, if deemed necessary
  - Step 3: Assess feasibility of achieving background

Groundwater Site Closure
(continued)

- Site Closure (SC) is an AFCEC term and is achieved when no more funds are expended on a site
  - SC will be achieved through abandonment of wells and infrastructure and finalization of an SC report

Site Closure plans during 2026

- CS-4 RACR is being prepared for regulatory review to document RC.
- Step 1 sampling being completed/data being assessed for FS-28, SD-5 and FS-13
- Will assess 2026 CS-19 data to determine if it supports the start of the three-step process to site closure.
- Will assess 2026 CS-21 data to assess shutdown of the last remaining operational CS-21 extraction well and determine if it supports the start of the three-step process to site closure

Wind Turbine Repair

- General Electric-2 (GE-2) near Sagamore Bridge undergoing a major repair
  - Replace high-speed coupling and main bearing
- Planned for Spring 2026
- Multiple cranes on site to remove hub/blades and nacelle

JBCC
Military Munitions Response Program (MMRP)
12-Month Look Ahead

- CERCLA Documents
  - Otis Gun Club Feasibility Study (FS) and Proposed Plan (PP)
  - Former Ammunition Supply Point FS and PP
- On-Going Remedial Actions
  - Land Use Controls at Army MMRP sites
  - Groundwater monitoring at Old K Range

Public Comment Periods

- **April 2026** Fire Training Area-1 (FTA-1) PFAS Explanation of Significant Differences (ESD)

- **October 2026** Otis Gun Club Proposed Plan

Planned JBCCCT Meetings

- Planned for:
  - May 13, 2026
  - August 12, 2026
  - December 2, 2026 (may be adjusted to accommodate Otis Gun Club Proposed Plan public hearing)

Questions or Comments?


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