

Air Force Civil Engineer Center



Pease AFB RAB Meeting

26 July 2017



Agenda

- **Welcome and Introduction**
- **RAB Member Administrative Items**
 - March 22 2017 minutes approval
- **Intro to the CERCLA Process**
- **Pease Tradeport Water Supply Update**
- **Current Restoration Activities Update**
- **Public Comments**
- **Meeting Recap, Next Steps, Upcoming Meeting Dates**
- **Adjourn**



RAB Member Administrative Items

- **Approve Summary From 22 March 2017
RAB Meeting**

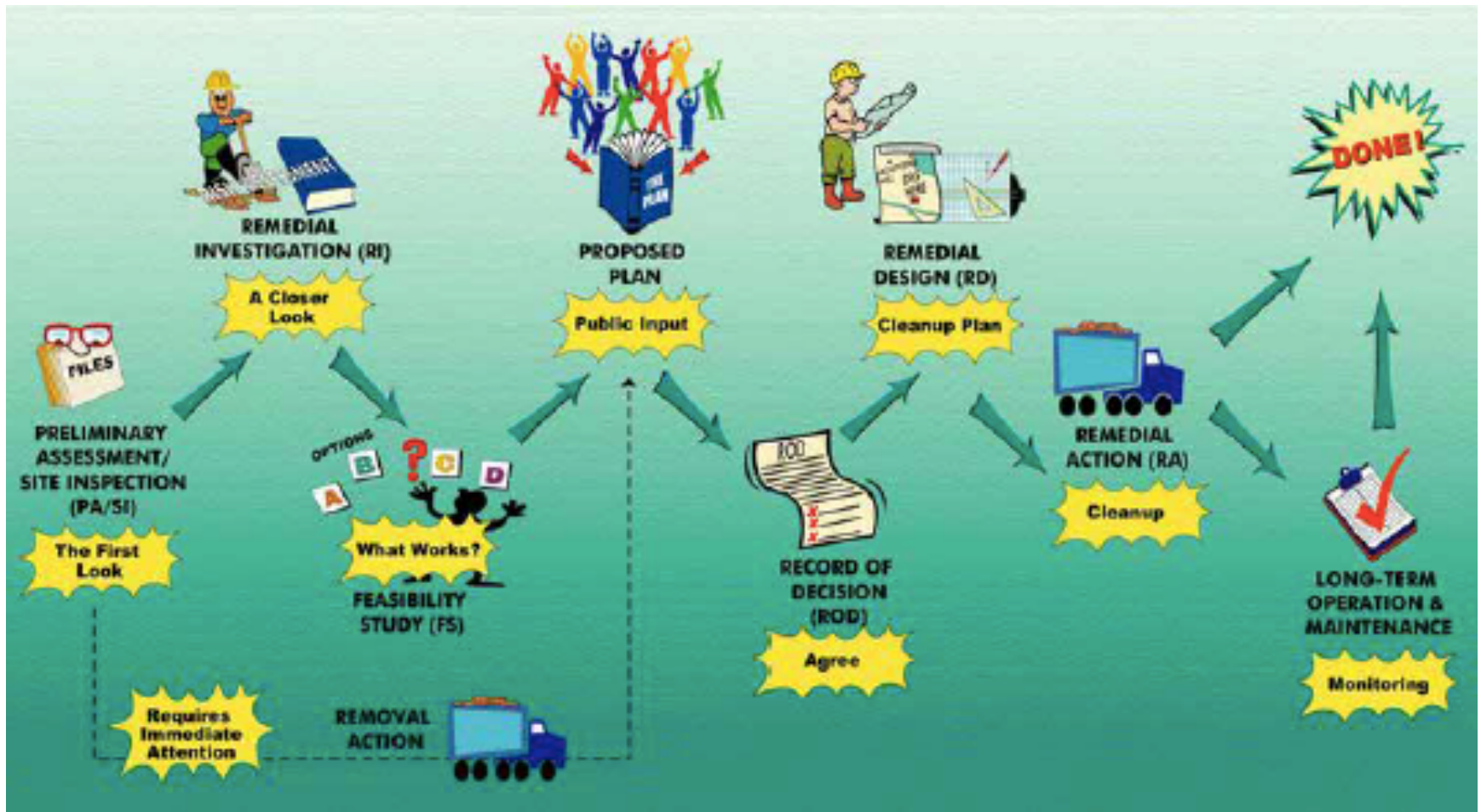


The CERCLA Process

- **The CERCLA process**
- **Roles**
- **Site Scorecard**
- **What to expect in the coming months**



CERCLA Process



Battle Ready...Built Right!



Roles

- **AF – directs the program, remediates water**
- **EPA – develops federal standards, oversight**
- **NH DES – develops state standards, oversight**
- **Public – provides local community perspective**



Pease Tradeport Water Supply Update

- **Portsmouth Drinking Water Treatment System Update** – City of Portsmouth representative



Scorecard/Progress

- **83 IRP Sites**
 - **51 Sites closed (cleanup finished, unrestricted use)**
- **Of the remaining 32 sites**
 - **11 have completed all cleanup activities**
 - **21 have active cleanup ongoing, including**
 - Groundwater treatment
 - Permeable Reactive Barrier
 - Monitored Natural Attenuation
 - Long-Term Monitoring

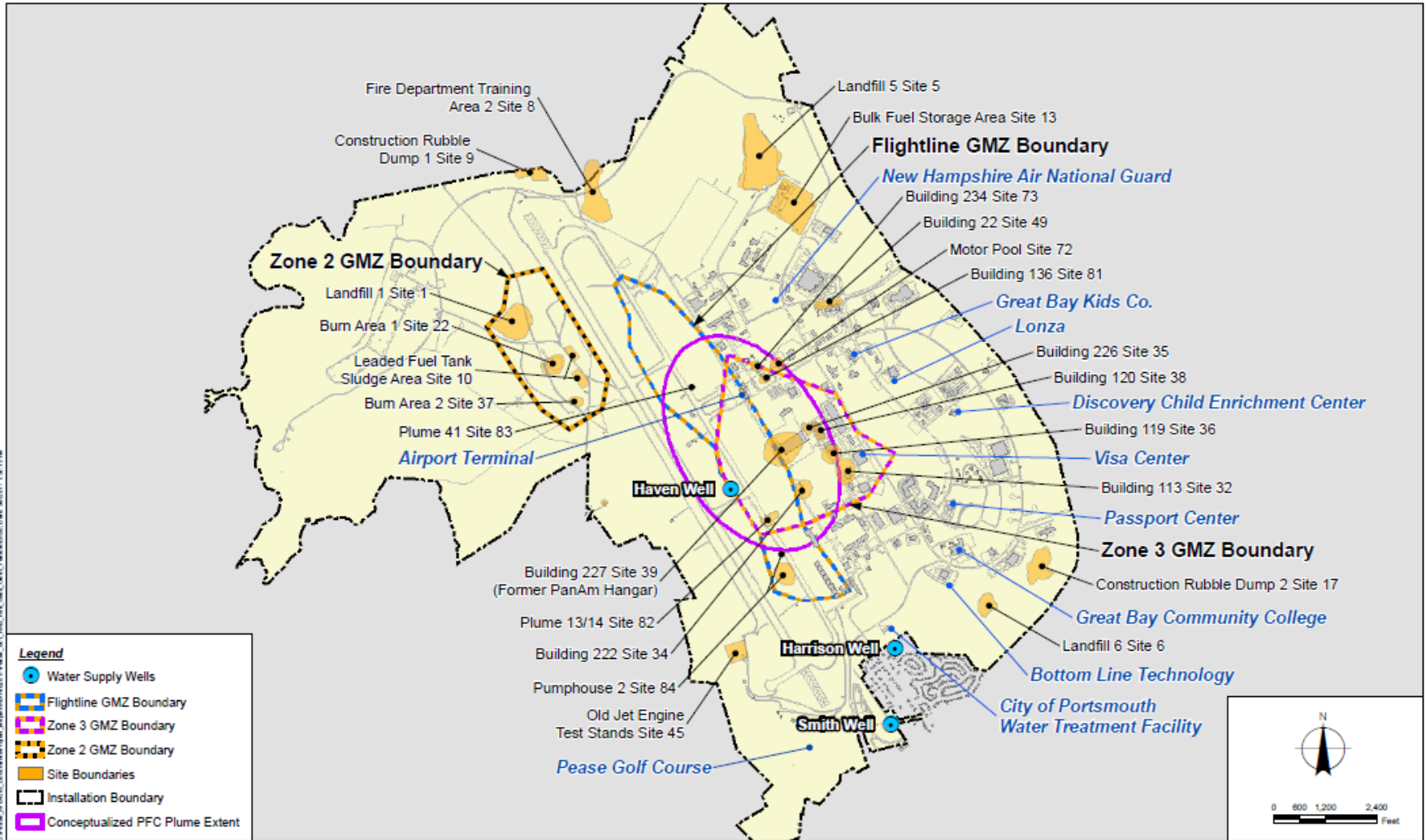


Air Force Restoration Program

- Site 39 Update – Former Pan Am Hangar
– *Mike Quinlan*
- Site 8 (Fire Training Area) Groundwater Treatment System
 - *Rob Singer*
- Airfield Interim Mitigation System (AIMS) Groundwater Treatment System
 - *Rob Singer*



Sites Map





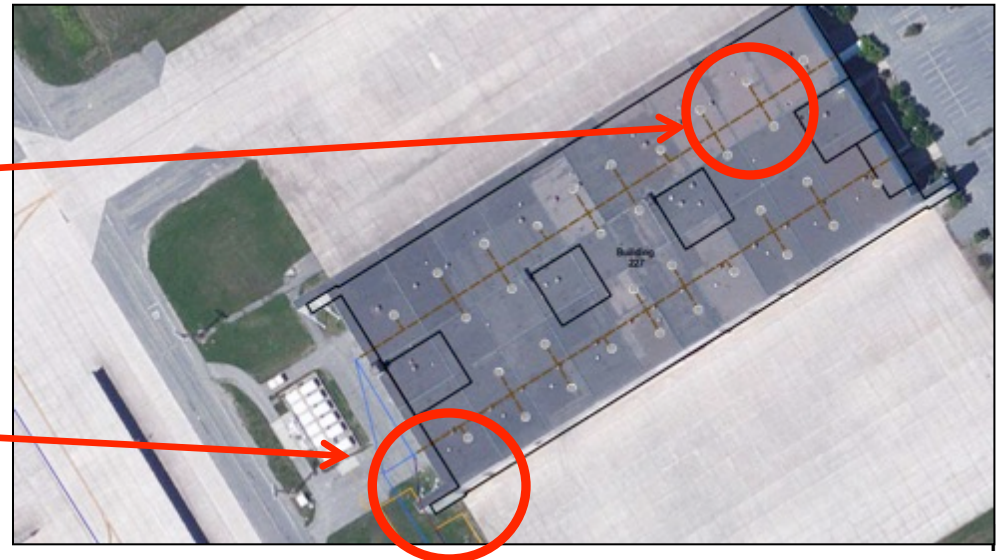
Site 39- Bldg 227 Hangar

- Largest Hangar at Pease
 - Constructed in 1956
 - 600ft L x 250ft W x 60ft H
- Aircraft Maintenance facility
 - Degreasing
 - Paint stripping
 - Aircraft repairs
 - Wash down of aircraft



Areas of Concern

- Former Wash Rack & HWSA in NE corner
- Floor drains/Sewer-Industrial waste lines – SW Corner





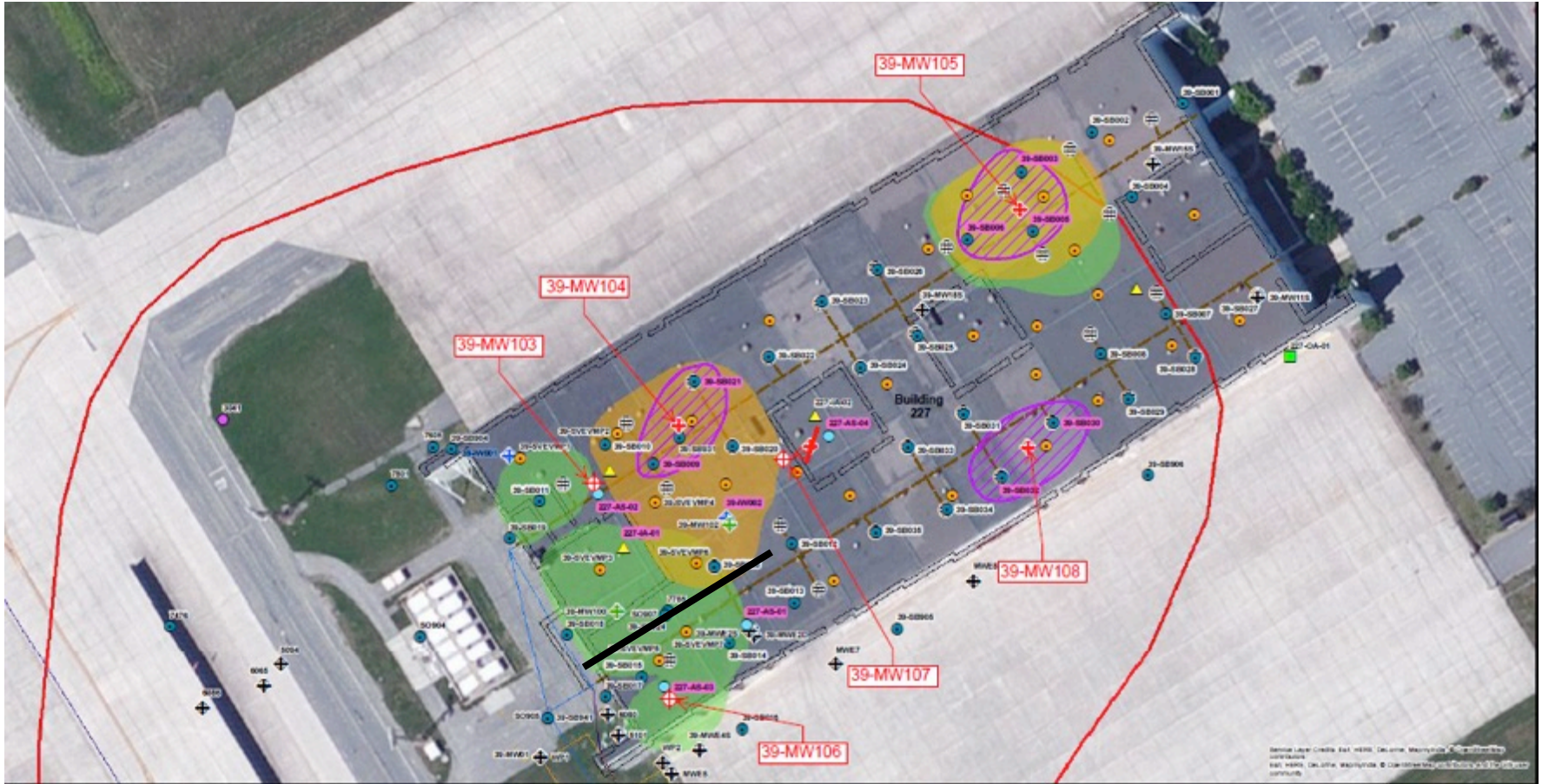
Site 39 - Bldg 227 Hangar

- Current Use – Storage of plow equipment for airfield snow removal





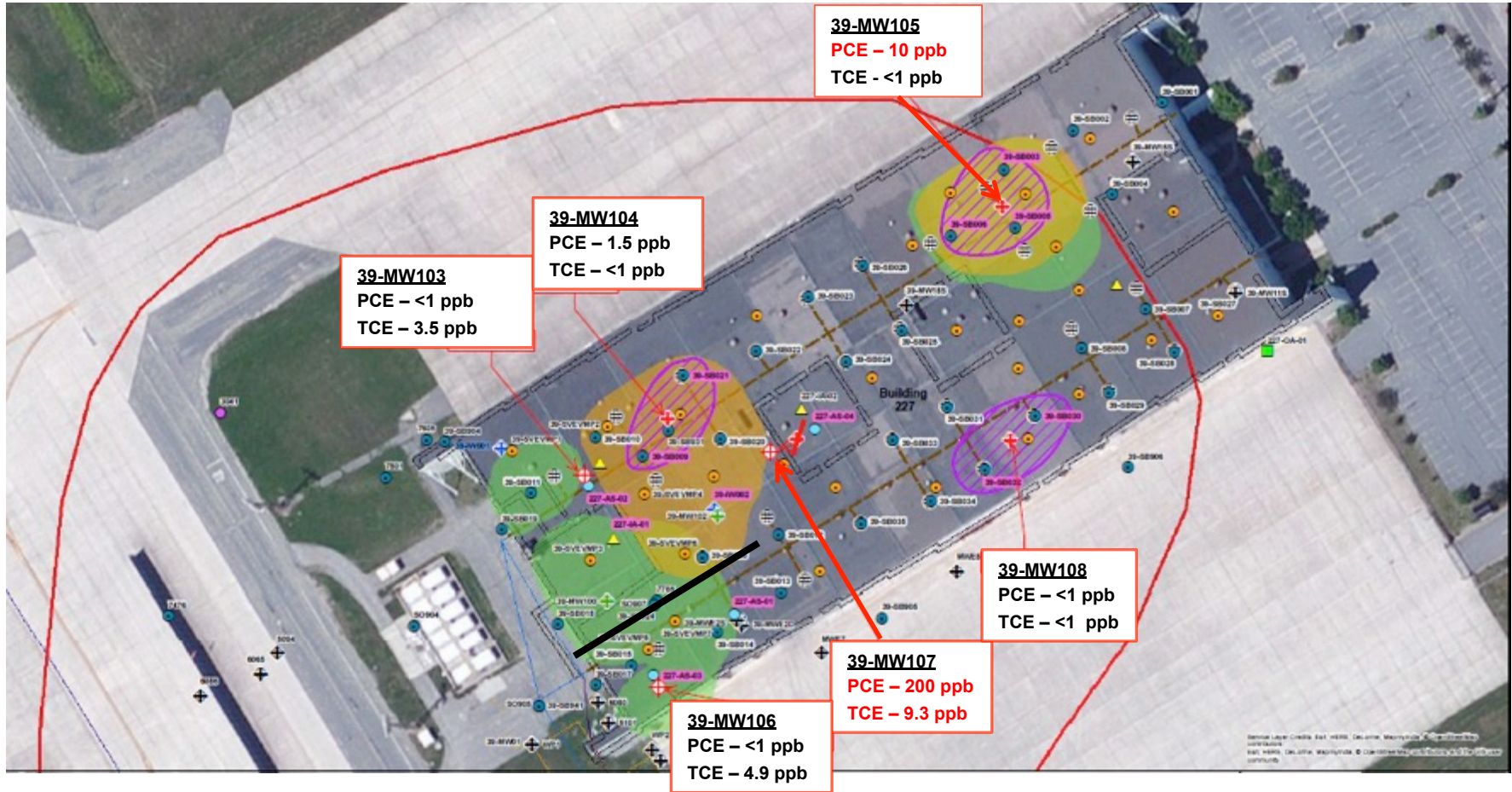
Site 39 - New Wells Installations



- New Shallow GW Wells
- Proposed SVE Well
- New Subslab Vapor Wells



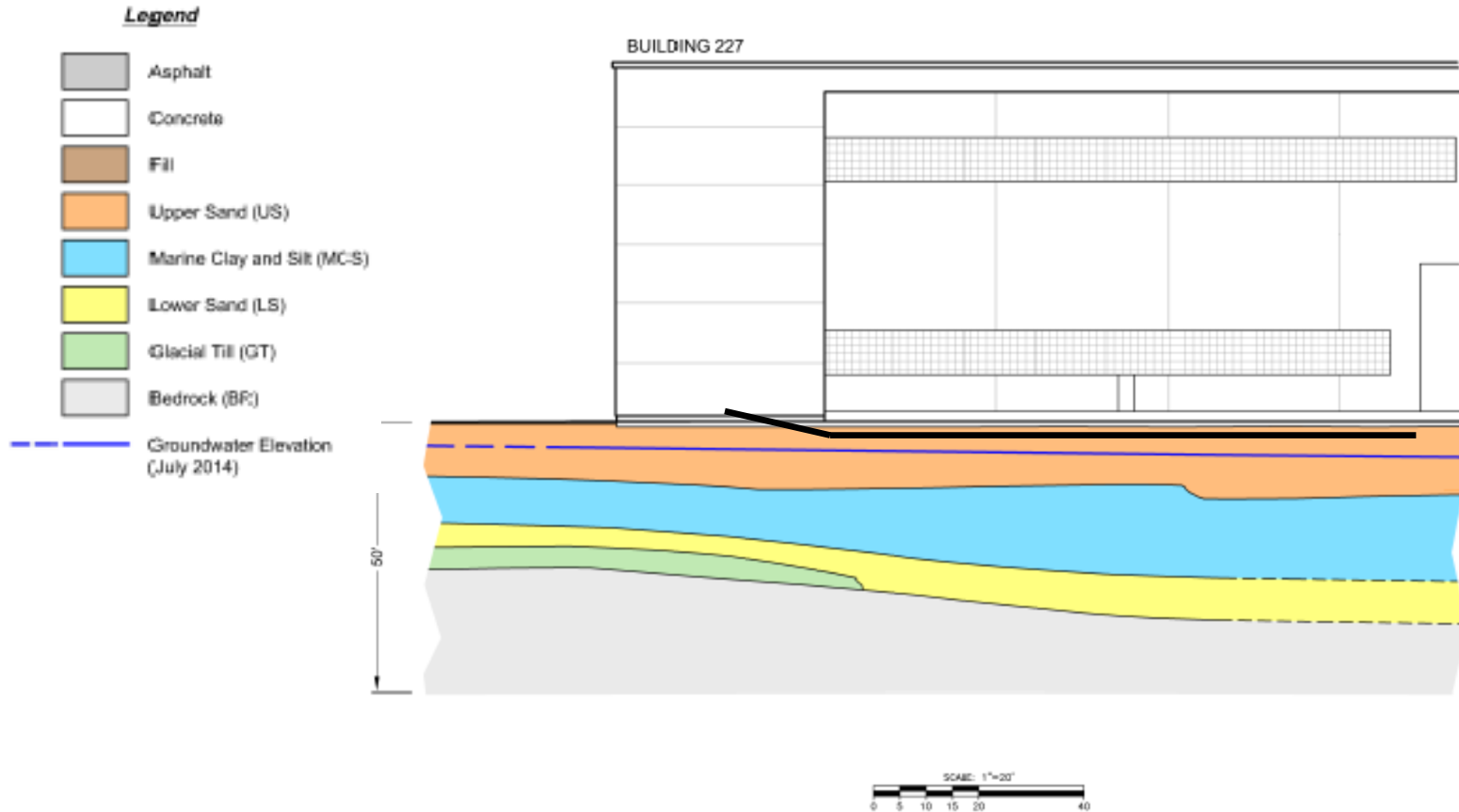
Site 39 – Groundwater Results



- New Shallow GW Wells
- New SVE Well
- New Subslab Vapor Wells



Site 39- SVE Well Installation





Site 39 – SVE Well Installation



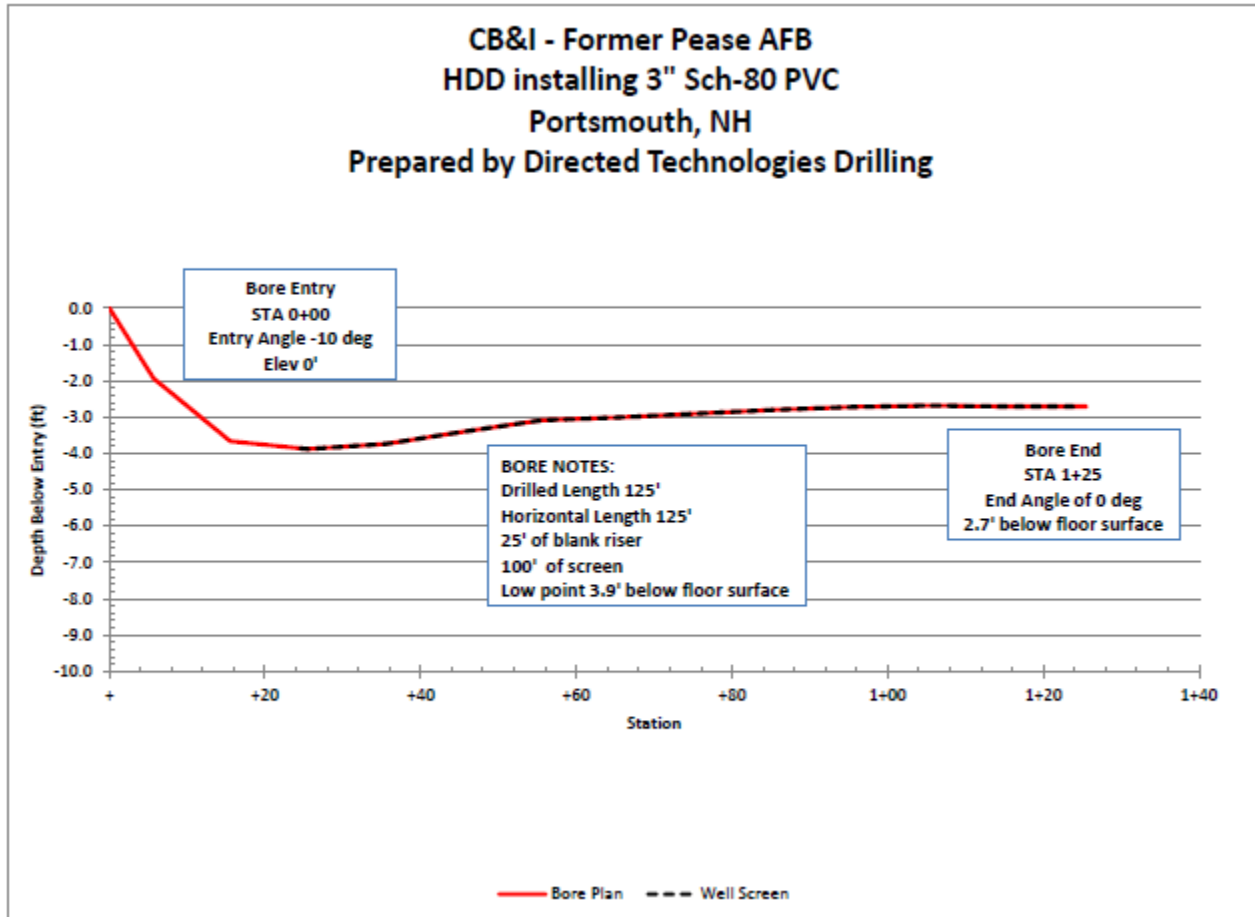


Site 39 – SVE Well Installation





Site 39 – SVE Well Installation





Site 39 – Roof Drain Issue





Site 39 - Summary

- SVE Well Installed (March 2017)
- Additional Soil and Groundwater Investigation Conducted (March 2017)
- Subslab soil vapor sampling (completed July 6)
- **Planned Activities / estimated schedule**
 - SVE Operation – August - September 2017
 - Further delineate shallow groundwater contamination under bldg. – Fall 2017
 - Shallow Groundwater Treatment – Spring 2018



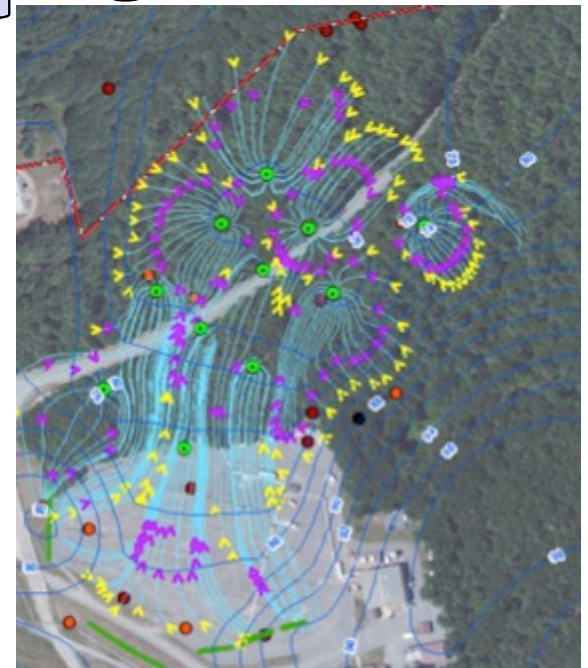
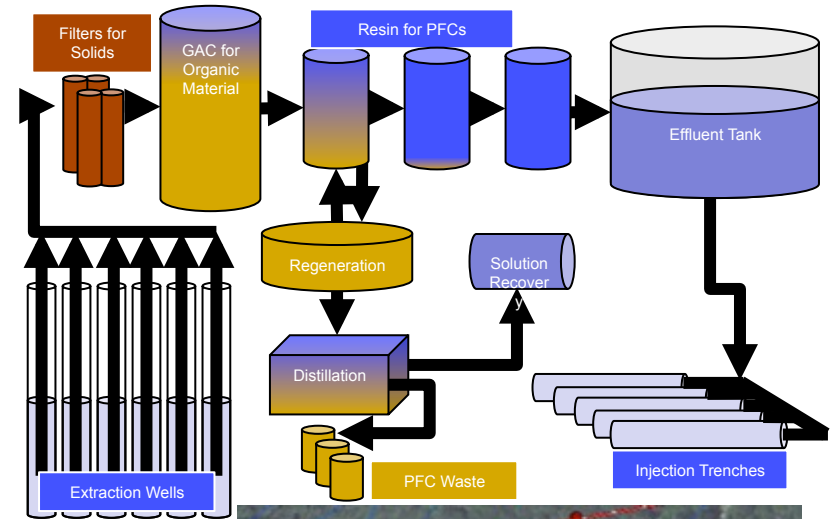
Site 8 Interim Mitigation System Update

- **System Facts**

- Design Flow: 200 gallons per minute
- Number of extraction wells: 10
- Treatment process: Particle filters, granular activated carbon, sorbent media, in place regeneration of media

- **Status**

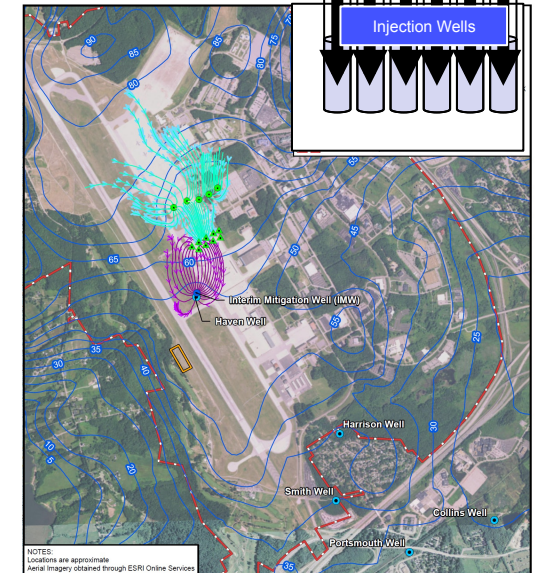
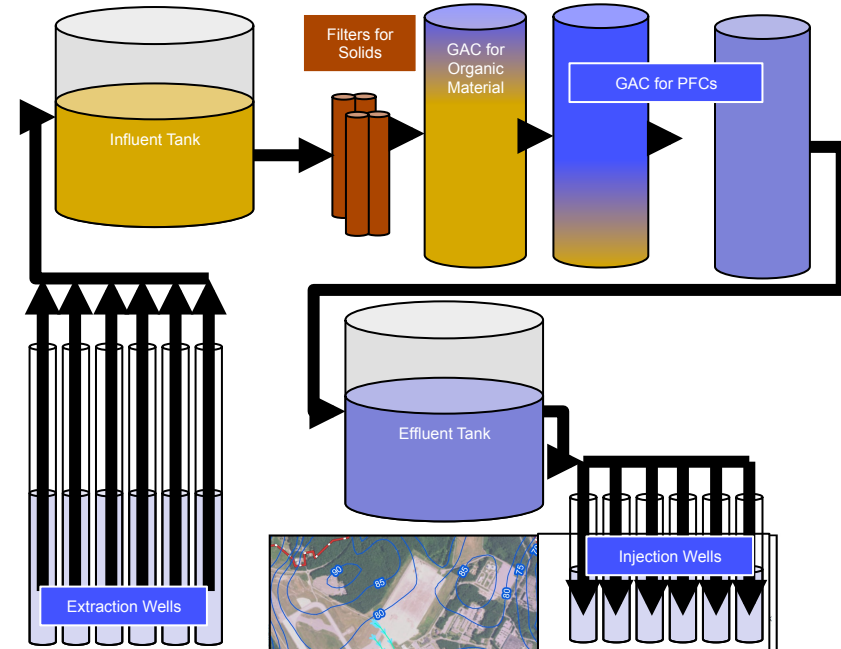
- Air Force contractor is mobilizing to the site for construction this week
- Well drilling will commence on August 7, 2017
- Construction will be substantially complete by end of the year
- Startup in January





Airfield Interim Mitigation System Update

- **System Facts**
 - Design Flow: 700 gallons per minute
 - Number of extraction wells: 6
 - Treatment process: Particle filters, granular activated carbon
- **Status**
 - Air Force is in the process of contracting construction
 - Treated water reinjection testing is scheduled for August through October
 - Air Force anticipates contract award this fall





Update on PFCs at Pease

- **Air Force has continued to sample the Smith, Harrison, Portsmouth, and Collins Wells**
 - 121 sampling events and 830 samples (supply wells, sentry wells, and distribution points)
 - Concentrations are very stable – no changes
 - Data posted to City website
 - Sentry Monitoring performed in May 2017, 7th event since October 2014 - no changes
- **2017 Planned Activities:**
 - Test the groundwater injection field
 - Construct interim mitigation systems
 - Continue sentry well monitoring
 - Continued to develop a better understanding of PFOS and PFOA distribution at Pease



RAB Discussion

Questions?



Public Comment

Goal: Provide opportunity for members of the public to comment.

Process: Public members fill out a comment card indicating they wish to speak. Statements are timed and are limited to 3 minutes for each speaker. The timer will notify the speaker when they have 30 seconds remaining and when they have reached 3 minutes.

Outcome: Questions will be answered in writing in Meeting Minutes and individually, if you leave us an email address



RAB Recap

- **Meeting Recap**
- **Next Steps**
- **Upcoming Meeting Dates**



Adjournment

