Welcome to the RAB Meeting

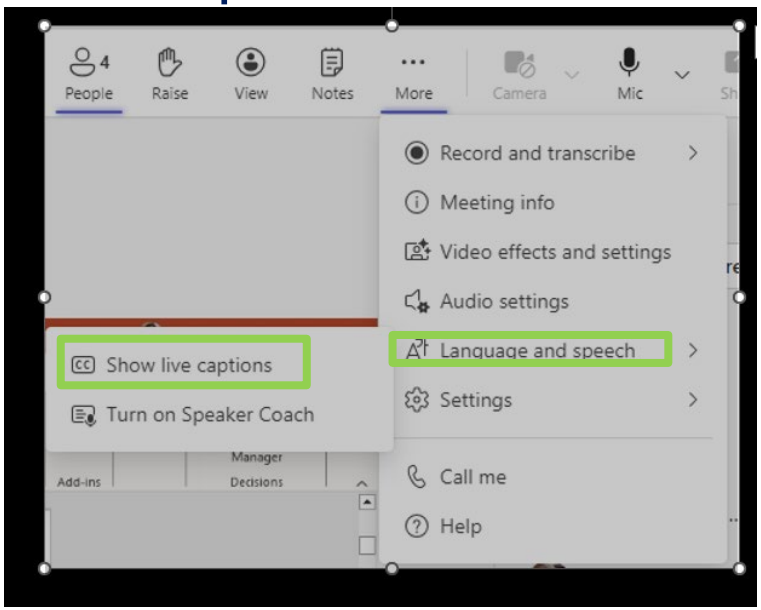
Thank you for joining the
Restoration Advisory Board (RAB) Meeting for
Naval Air Station (NAS) Brunswick

The meeting will begin at 6:00 p.m.

For captions, click More ●●● on the screen

Select ‘Language and speech’

Click ‘Show live captions’



Restoration Advisory Board Meeting (RAB) Former Naval Air Station Brunswick

January 22, 2025

Teams Tools

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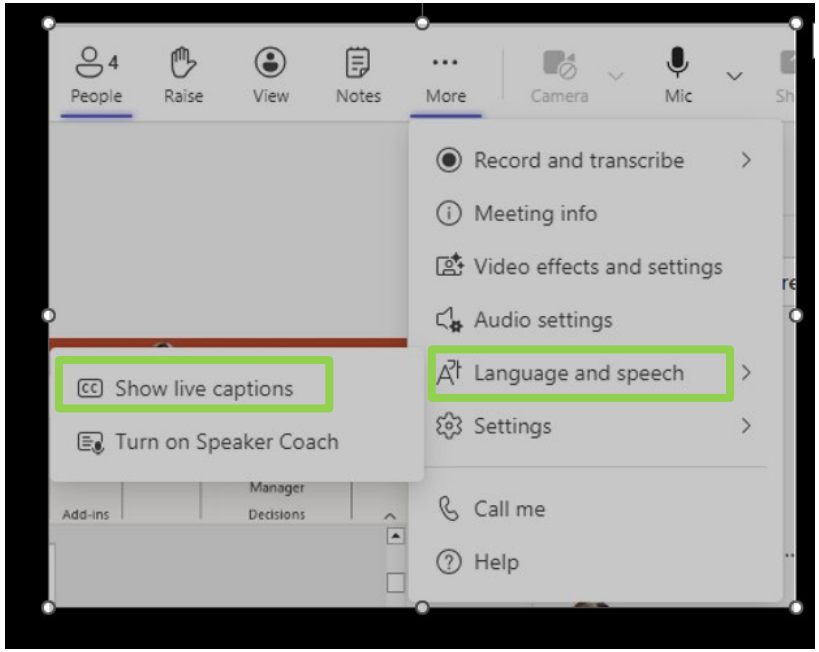


- **Screen Layout**
  - To adjust the layout on your screen, select View
  - Choose the preferred view from available choices. Options include Gallery View, Focus on Content and under more options, Full Screen

Virtual Only Meeting Information

- This is a virtual meeting only.
- The virtual meeting will show the presentations.
- Attendee microphones will remain muted except when recognized for questions.
- Questions or comments may be entered in the chat as they arise; they will be addressed during Question & Answer (Q&A) sessions.
- The meeting is being recorded. The recording will not be made public and will be used only for preparation of meeting minutes.
- Webinar sign-in names will be used for the minutes.

RAB Ground Rules and Information

RAB Meeting Ground Rules

- One speaker at a time
- Question and answer periods will be provided throughout the presentations

RAB Information

- Public notice:
  - Published on Town website
  - Published in The Times Record January 7 and 14
  - Published in The Northern Forecaster January 9 and 16
  - Published in Midcoast Go January 10 and 17
  - Posted on the Navy website December 13
  - Provided to the mailing list December 13
  - Newspaper digital ads appeared daily beginning on December 22
  - Cable ads appeared on TV3 January 8 through today (January 22)

Meeting Agenda

Introductions

Major Site Activity Updates

- Community Outreach
- Historical and Ongoing Navy PFAS Efforts
  - Remedial Investigation
  - Hangar 6
  - Stormwater Evaluation
  - Drinking Water Sampling
  - Jordan Avenue Wellfield
  - Hangar 4/AFFF
- LUC Compliance
- Redevelopment Activities
- Picnic Pond Remedial Action

Other Activities

- Five Year Review
- CERCLA & Petroleum Long-Term Monitoring
- GWETS/Eastern Plume Extraction Wells
- Sites 1 & 3 Radiological Survey
- FOSTs

Open Discussion, Questions, and Wrap-Up

AFFF - Aqueous Film Forming Foam * CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act * FOST = Finding of Suitability to Transfer
GWETS - Groundwater Extraction Treatment System * LUC – Land Use Control * PFAS - Per- and Polyfluoroalkyl Substances

Restoration Advisory Board (RAB)

- **What is a RAB?** A stakeholder group that meets on a regular basis to discuss environmental restoration but where DoD oversees the restoration process.

- **Who can participate?** Comprised of individuals from the community who are affected by the restoration activities and live/work in close proximity.

- **How often does the Brunswick RAB meet?** Triannual in January, May and September.

- **Who should I contact?** The Navy BRAC Public Affairs Officer is David Bennett and can be reached at david.a.bennett36.civ@us.navy.mil or (619) 548-3128.

Members

RAB Co-Chairs:

- Ms. Suzanne L. Johnson, Esq.
- Ms. W. Rachelle Knight, BRAC Environmental Coordinator, Navy

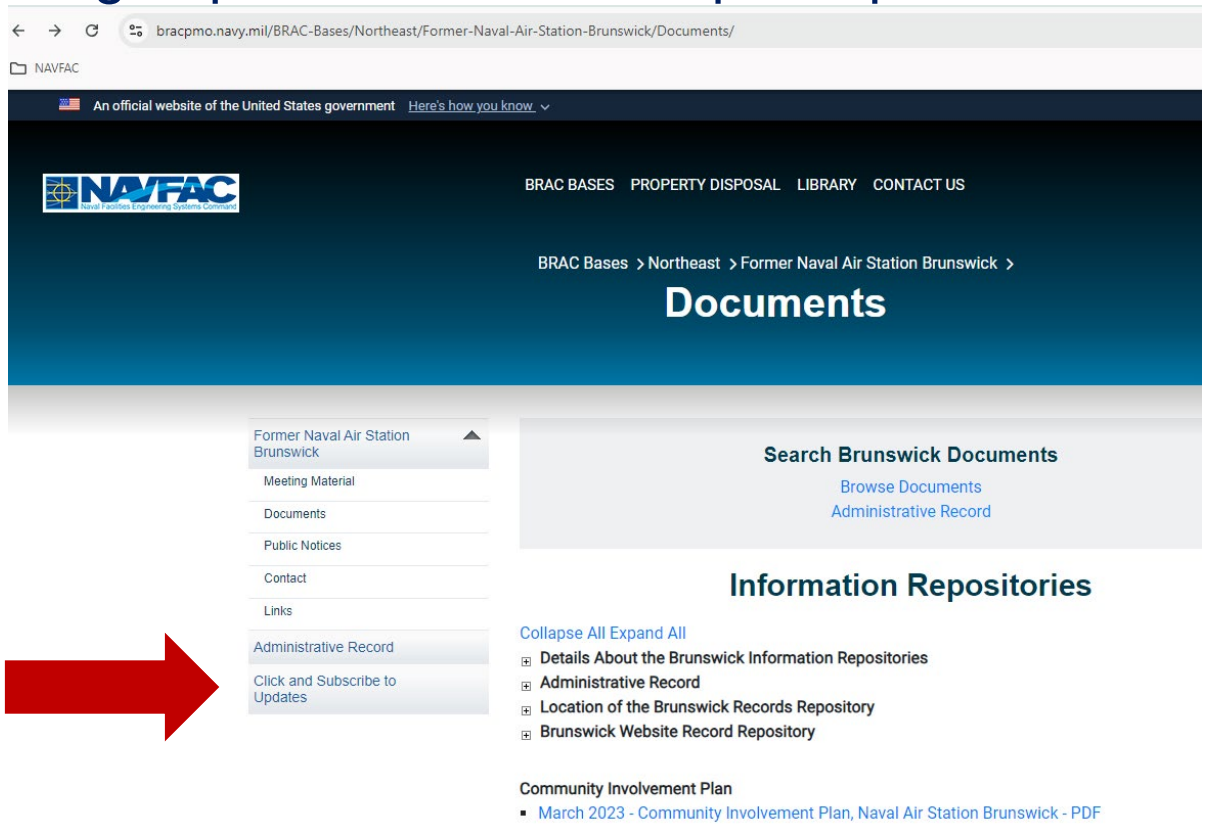
RAB Members:

- Mr. Derek Pinkham, Remedial Project Manager, Navy
- Mr. Michael Daly, Remedial Project Manager, United States Environmental Protection Agency (USEPA)
- Mr. Iver McLeod, Remedial Project Manager, Maine Department of Environmental Protection (MEDEP)
- Mr. Steve Levesque, Midcoast Regional Redevelopment Authority (MRRA)
- Mr. Paul Ciesielski, Town of Harpswell, Maine
- Ms. Susan Schow, Town of Topsham, Maine
- Ms. Carol A. White, C.A. White & Associates, Brunswick Area Citizens for a Safe Environment (BACSE)
- Mr. David Page, PhD, Town of Brunswick, Maine

Major Site Activity Updates
Community Outreach

Stay Connected

- Register for updates via GovDelivery
- Meetings held in the evening to promote increased participation
- Public notices
- Emailed to subscribers
- Posted on Navy's website
- Published in The Times Record, The Northern Forecaster, and Midcoast Go.
- *Upcoming Semi-Annual Newsletter*



https://www.bracpmo.navy.mil/BRAC-Bases/Northeast/Former-Naval-Air-Station-Brunswick/

Q&A

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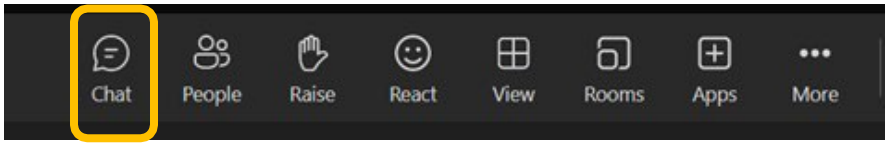

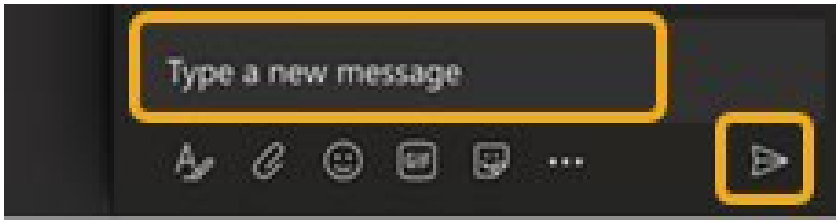

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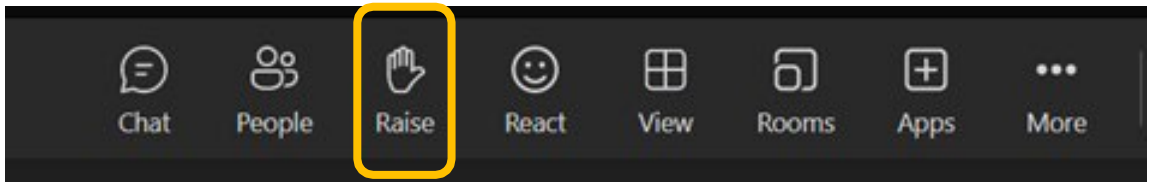

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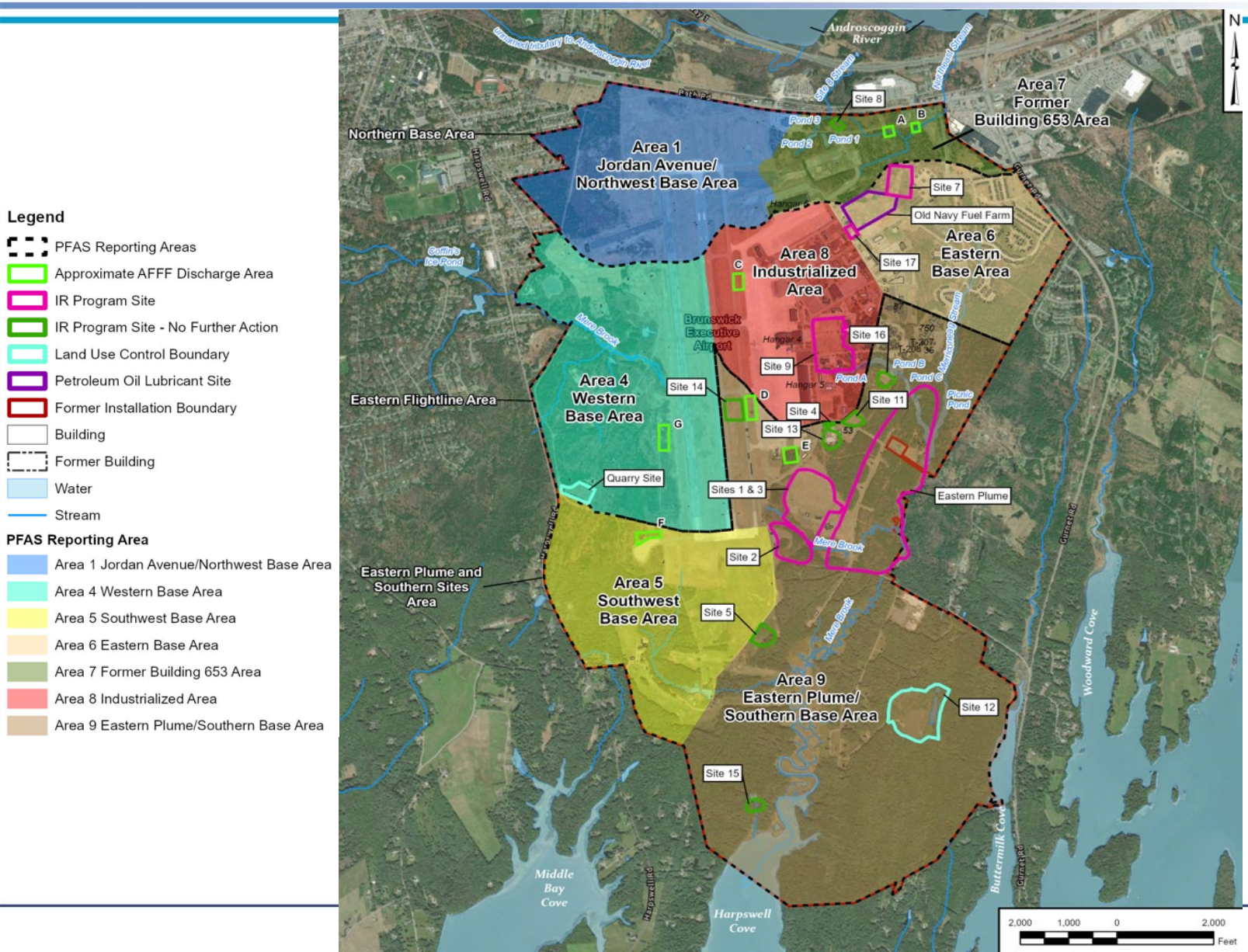
PFAS Remedial Investigation Update

- PFAS RI conducted between Summer 2022 and October 2023.
- More than 500 samples were collected in various environmental media including soil, groundwater, surface water, sediment, stormwater, porewater, seeps, springs, and biota (fish and shellfish tissue).
- PFAS RI results were briefed during the May 2024 RAB meeting, meeting slides are available on the Navy's website. Data was shared with MEDEP, USEPA, and BACSE.
- The Navy is continuing PFAS investigations to refine the conceptual site model (CSM) and are discussed as part of this presentation.

Major Site Activity Updates

Historical & Ongoing Navy PFAS Efforts, continued



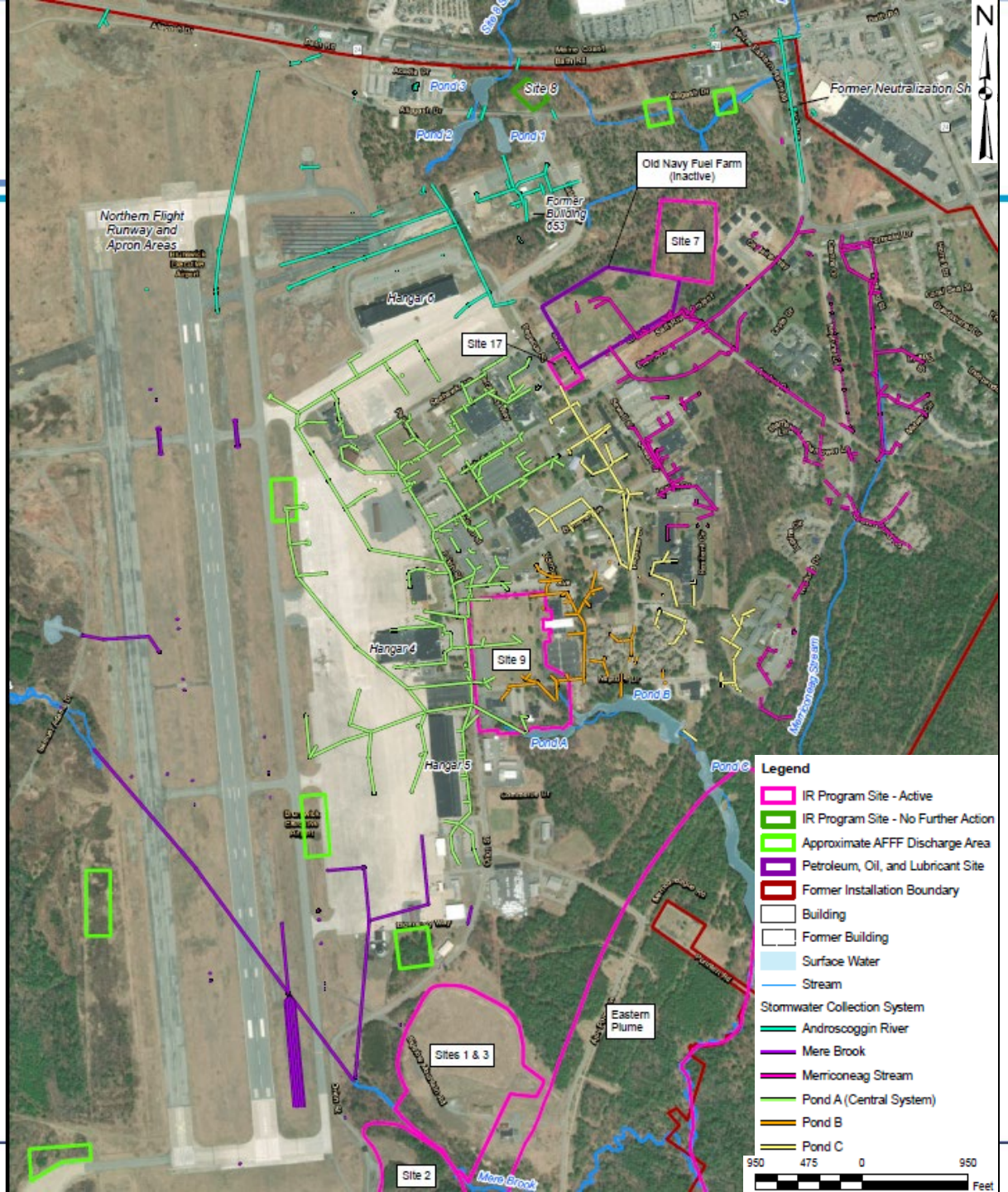
Hangar 6 Aqueous Film-Forming Foam (AFFF)

- Hangar 6, located between PFAS Reporting Areas 1 and 7, houses a fire suppression system which uses AFFF.
- No historical releases were documented at the time of the 2013 preliminary assessment; however, approximately 2 to 3 accidental releases were thought to have occurred.
- Results from the RI indicate PFAS in groundwater are above project screening levels in the vicinity of Hangar 6.
- Additional investigations (e.g., sampling) related to PFAS impacts in the vicinity of Hangar 6 are planned and will be discussed later in this presentation.

Stormwater at former NAS Brunswick

- A separate stormwater sewer system collects direct runoff at former NAS Brunswick with portions constructed in the 1940s.
- The stormwater system is a network of pipes, drains, inlets, catch basins, and retention ponds designed to quickly move water from impervious areas.
- As part of redevelopment following base closure, improvements have been made to the stormwater system.
- Data gaps exist relative to past knowledge and existing maps of the system.

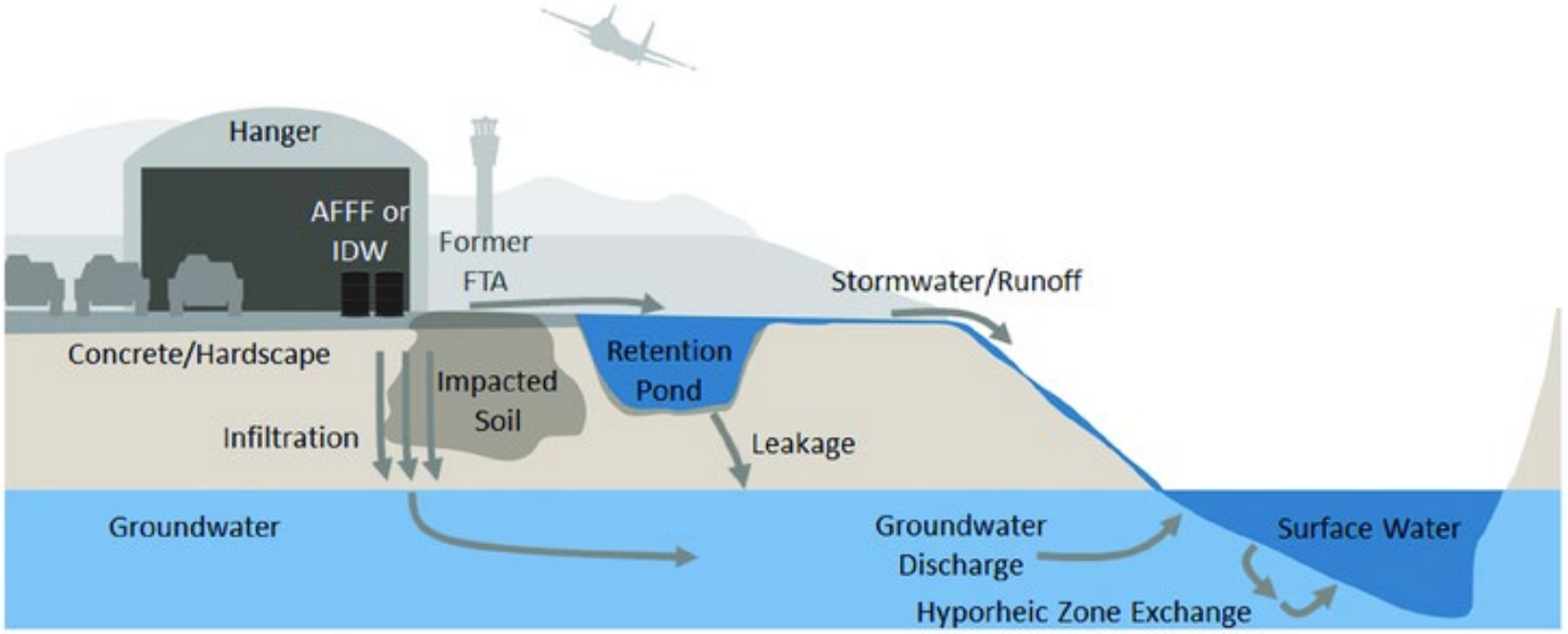
Basewide Stormwater System



Stormwater Conceptual Site Model (CSM)

- PFAS were used in a variety of applications at former NAS Brunswick, primarily as constituents in aqueous film-forming foam (AFFF).
- AFFF was stored and used for firefighting and firefighting training purposes throughout the base, which has resulted in releases of PFAS to the environment.
- Once PFAS were released to the environment, they migrated through the stormwater system to surface water via overland runoff and transport of PFAS-impacted soils/sediments and migrated to groundwater by infiltration through soil to the groundwater.
- The stormwater system is a direct migration pathway to both surface water and groundwater.

Example Conceptual Site Model



AFFF - Aqueous Film-Forming Foam * FTA – Fire Training Area * IDW – Investigation Derived Waste

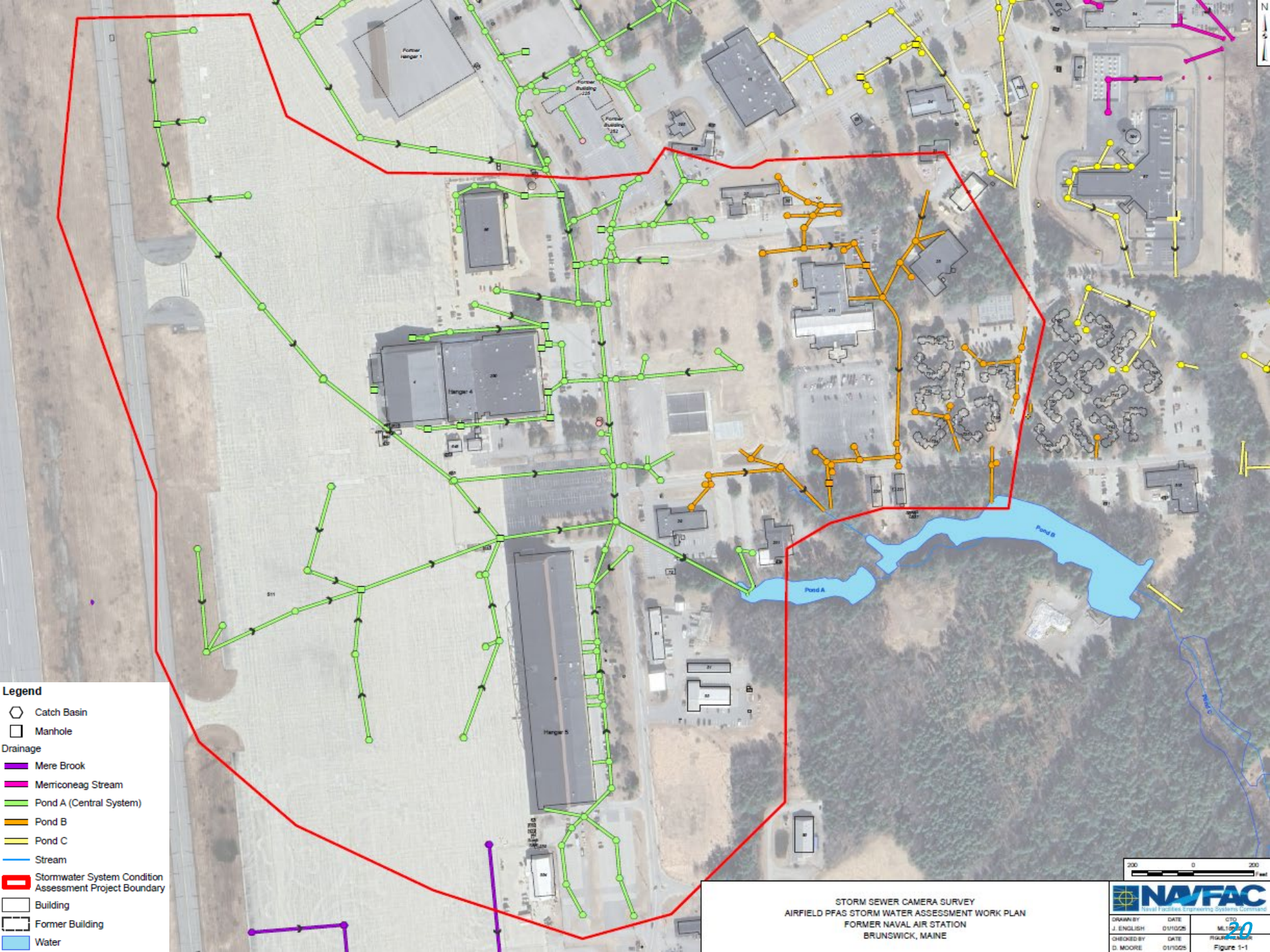
Previous Stormwater Investigations

- During the PFAS RI, concentrations of PFAS exceeded one or more of the PFAS RI project screening levels in all media sampled and high concentrations of PFAS were detected in stormwater samples collected in the central flightline area between Hangars 4 and 5.
- Additionally, the data collected during PFAS RI and previous investigations, indicate the potential for groundwater seepage to occur to the stormwater system, contributing to the concentrations of PFAS observed in stormwater.
- To refine the CSM and identify how PFAS may or may not be entering and moving through the stormwater system, the Navy is beginning the process of completing a stormwater evaluation.

Stormwater

Navy expects this stormwater system evaluation to be completed in phases which will include the following:

- An evaluation of surface runoff/stormwater catchment areas
- A stormwater system condition assessment
- A closed-circuit television (CCTV) video camera survey of the stormwater system
- Stormwater baseflow evaluation



STORM SEWER CAMERA SURVEY
AIRFIELD PFAS STORM WATER ASSESSMENT WORK PLAN
FORMER NAVAL AIR STATION
BRUNSWICK, MAINE

NAVFAC
Naval Facilities Engineering Systems Command

DRAWN BY	DATE	CTO
J. ENGLISH	01/10/25	
CHECKED BY	DATE	FIGURE NUMBER
D. MOORE	01/10/25	Figure 1-1

Q&A

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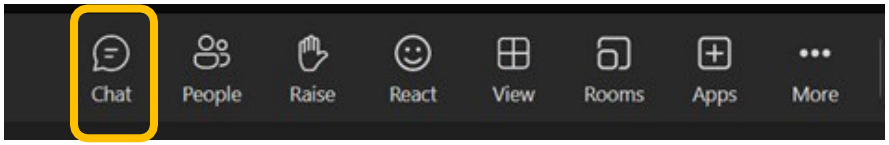

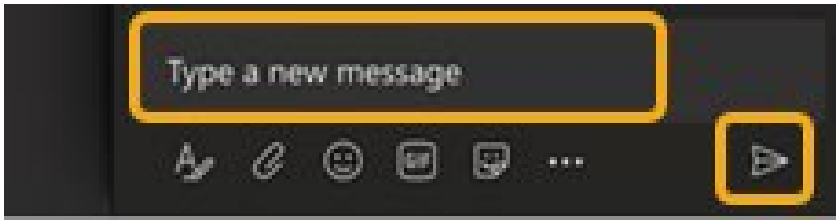

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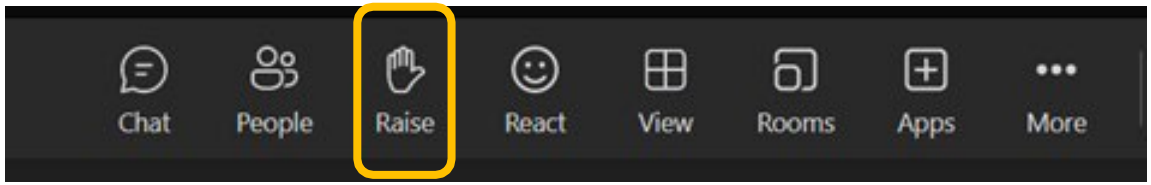

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Off-Property PFAS Drinking Water Sampling

- The Navy has historically sampled for PFAS in off-property private drinking water wells in 2016 and 2020/2021 in areas that have the potential for PFAS-impacts related to historical operations at former NAS Brunswick.
- Areas sampled were located north and east of the former base boundary.
- The Navy is planning to conduct confirmatory sampling in these same areas; however, property owners outside these areas can contact the Navy to discuss if sampling at your property is warranted.
- The Sampling and Analysis Plan (SAP) to conduct private well sampling for PFAS is currently being updated.
- Sampling will require the permission from the property owner. Access agreements will be sent to property owners prior to conducting the sampling.
- A questionnaire will also be provided with the access agreement for a property owner to provide information about the private well and any filtration or treatment systems being used.

Off-Property PFAS Drinking Water Sampling

- Once a property owner has granted permission, the Navy's contractor, Resolution Consultants, will contact the property owner to schedule a date and time to conduct the sampling.
- Sampling should take one hour or less to complete.
- The Navy is planning to conduct the private well sampling in early 2025.
- Individual results will be provided to the property owner.

Jordan Avenue Wellfield PFAS Source Identification

- Potential source(s) of PFAS to the Jordan Avenue Wellfield may include the historical use of PFAS-containing AFFF related to fire suppression systems and operations (e.g., Hangar 6) located upgradient from the Jordan Avenue Wellfield.
- A desktop evaluation has been initiated to review historical PFAS investigations conducted by the Navy in the area between Hangar 6 and the Jordan Avenue Wellfield.
- This evaluation will identify data gaps, if any, and additional investigations will be proposed, if necessary.

Jordan Avenue Wellfield

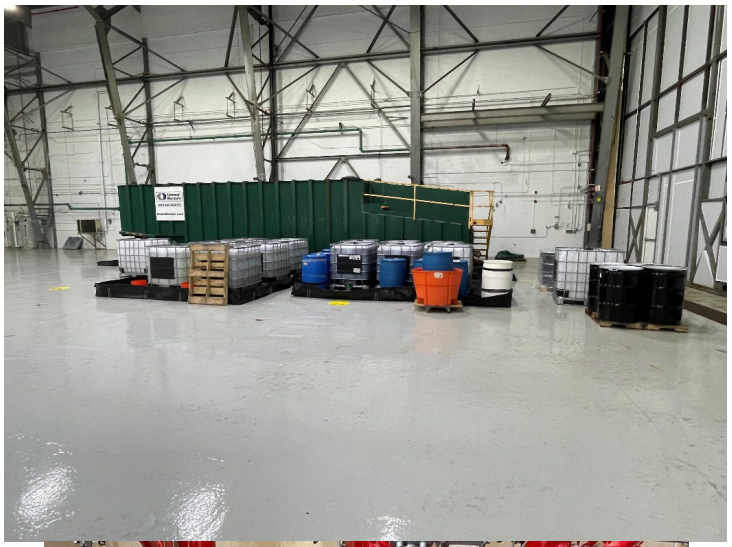
- The Navy and Brunswick/Topsham Water District (BTWD) are operating under an Environmental Services Cooperative Agreement (ESCA) for treatment plant upgrades valued at $21M.
  - Phase I: Support current action (hydraulic containment using the lower wellfield) and design of a treatment system. Design was completed in early 2024.
  - Phase II: Supports construction of the PFAS treatment system.
  - Navy awarded Phase II in mid-2024. BTWD issued Notice To Proceed to the selected contractor in late Summer 2024. Construction started Fall 2024.

Major Site Activity Updates

Historical & Ongoing Navy PFAS Efforts, continued

Hangar 4 Aqueous Film-Forming Foam (AFFF)

- Navy contractors have drained and rinsed the AFFF fire suppression system according to the 30 July 2024 Department of Defense (DoD) guidance document.
- A total of 14,150 gallons of rinse water and AFFF concentrate were removed from the system and transported to a CERCLA subtitle C Landfill in Emelle, Alabama following the procedures outlined in the USEPA Off-Site Rule.
- Contractors demobilized from the Site on November 6, 2024.



CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act * PFAS - Per- and Polyfluoroalkyl Substances * USEPA – United States Environmental Protection Agency

Q&A

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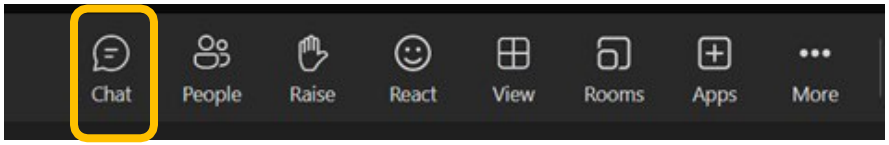

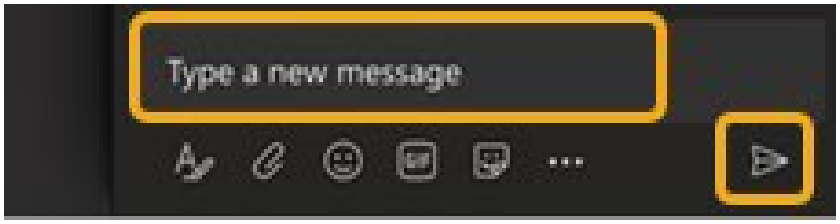

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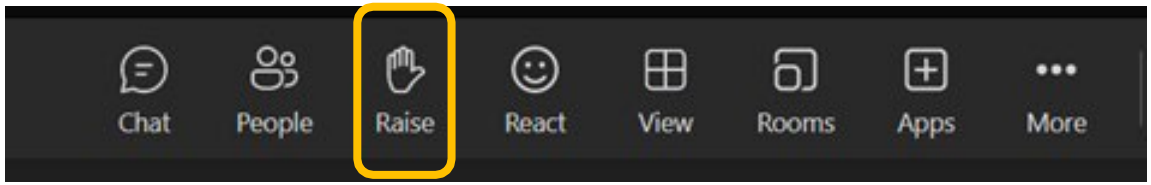

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LUC Compliance

- Certification forms for the 2024 calendar year will be mailed by the end of January 2025. The purpose of the form is for property owners to acknowledge and adhere to existing conditions associated with the property (i.e., LUCs).
  - A LUC Fact Sheet will be provided along with the certification form.
- Open Houses are scheduled for March 18-19, 2025, during which the Navy, USEPA, and MEDEP will be available to discuss with property owners the LUCs associated with individual properties, the construction permission process, and other property owner questions and concerns.
- For properties on Brunswick Landing where construction activities are planned, there is a permission process to obtain approval before construction activities can begin.
- The Navy requests that the completed and signed certification form be sent back by late March 2025. Forms can be returned by:
  - The self-addressed pre-paid envelope is provided with the certification form, or
  - Scanned and emailed to the email address provided on the certification form.

CERCLA LUC Inspections

- Annual inspections are performed to confirm compliance with the LUCs required per each site's Record of Decision (ROD) and determine if any corrective actions are required (e.g., fence repair).
- The following CERCLA sites require LUC inspections:
  - Sites 1 & 3, Site 2, Site 7, Site 9, Site 12, Site 17, Eastern Plume, and Quarry Area
- 2023 Annual LUC Inspection:
  - Draft report submitted in February 2024
- 2024 Annual LUC Inspection:
  - Inspections conducted in late October 2024
  - Draft report anticipated by end of March 2025

Major Site Activity Updates
LUC Compliance Activities, continued

CERCLA LUC Inspections, continued

- The 2023 Annual LUC inspection recommended well repairs and additional no trespassing signs
  - Well repairs have been conducted
  - 10 additional No Trespassing signs have been hung up in the vicinity of Picnic Pond

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act * LUC – Land Use Control * QR – Quick Response

Reminder for Construction Permission process

- For properties within Brunswick Landing, if planned construction activities involve any soil displacement and/or potential contact with groundwater, the Navy, in consultation with USEPA and MEDEP, must provide approval before the Town of Brunswick will approve a construction permit.
- Applicants are required to complete the Brunswick Landing Construction Permission Request form available from the Navy or on the Permits and Applications page of the Town of Brunswick Planning & Development website:

  https://www.brunswickme.org/235/Permits-Applications

- Completed forms are submitted to MRRA for initial review. MRRA will forward the request to the Navy for review and approval. The Navy will notify MRRA when all permissions have been acquired.
- To date, 50 forms have been submitted and approved.

Q&A

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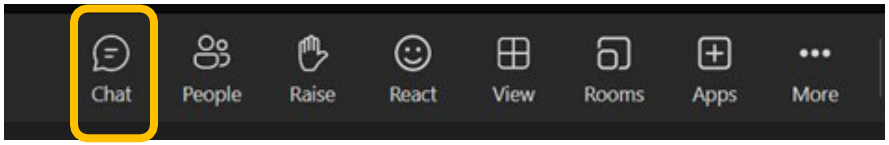

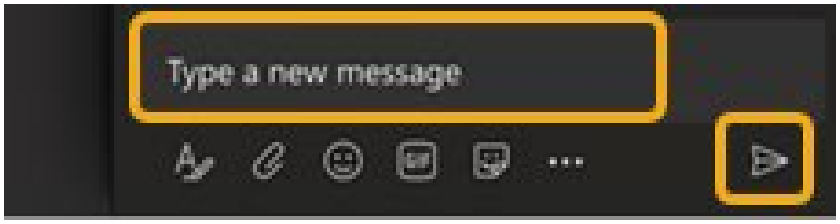

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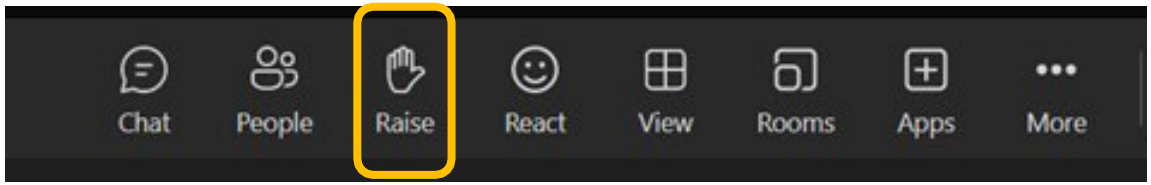

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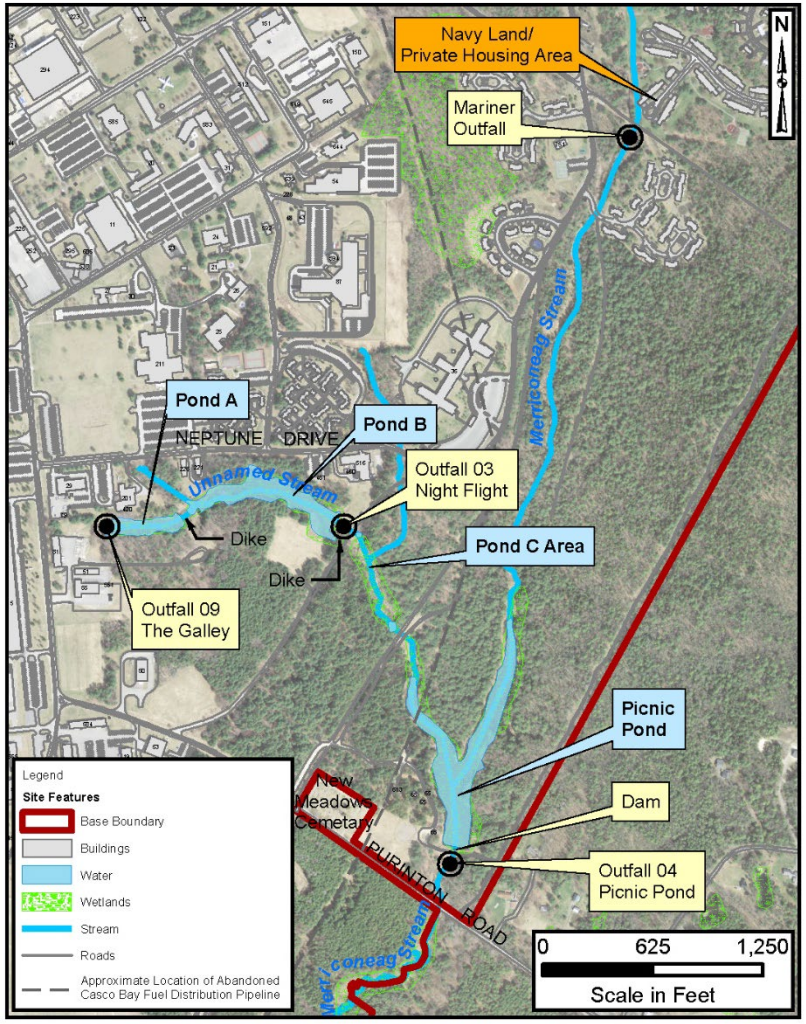
Major Site Activity Updates
Picnic Pond Sediment Remedial Action

- Work is being performed in accordance with the September 2020 Record of Decision (ROD)
- PFOS and PFOA were evaluated as part of the Human Health Risk Assessment (HHRA)
- PFOS and PFOA were not identified as sediment contaminants of concern (COCs). Based on a comparison of max detected concentrations in sediment to the following:
  - USEPA Risk-based sediment screening levels for a recreational user
  - Maine Center for Disease Control and Prevention's recommended sediment screening levels for a recreational user.
- HHRA identified polycyclic aromatic hydrocarbons (PAHs), pesticides, and lead as the COCs in sediment.



PFOA - Perfluorooctanoic Acid * PFOS – Perfluorooctanesulfonic Acid * USEPA – United Stated Environmental Protection Agency

Major Site Activity Updates

Picnic Pond Sediment Remedial Action, continued

- Dredging was conducted between 2022 and 2023. To date, a total of 9,635 tons of material from Ponds A and B has been dredged and disposed off-site as a RCRA Subtitle C Landfill. 1,292 cubic yards of material from Picnic Pond has been dredged and stabilized. This material is awaiting disposal.
- Water generated during the dredging work was containerized, stabilized, and then treated at the on-site construction dewatering system.
- Post-dredging confirmatory sample results from Pond A and Picnic Pond indicated that the Remedial Goals for the project were met and no further dredging would be necessary.

Pond	Sediment Volume Removed (cubic yards)	Dredging Complete?	Remedial Goals Met?	Dredging Water Treated?	Sediment Disposal Complete?
Pond A	3,020	Yes	Yes	Yes	Yes
Pond B	3,443	Yes	Yes*	Yes	Yes
Picnic Pond	1,292	Yes	Yes	Yes	No

* - Initial results showed post-construction levels in Pond B to be above remedial goals. Additional risk assessment evaluation indicates no risk is associated with remaining sediment in Pond B.

RCRA - Resource Conservation and Recovery Act

Major Site Activity Updates

Picnic Pond Sediment Remedial Action, continued

- Evaluation of the post dredging sediment samples collected from Pond B indicated that, although the results were slightly above the Remedial Goals, no excessive risk was present in the remaining sediment.
- The stabilized dredge sediment from Pond B will be transported and disposed once additional funding is received by the Navy.
- The remediation contractor has begun to prepare the Remedial Action Completion Report (RACR) for the sediment remedial action. This document will be completed once all the remedial activities have been completed.
- This document will include a narrative of the work performed along with documentation of the post excavation sampling and sediment disposal.

Q&A

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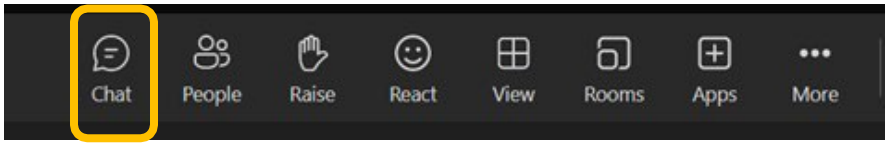

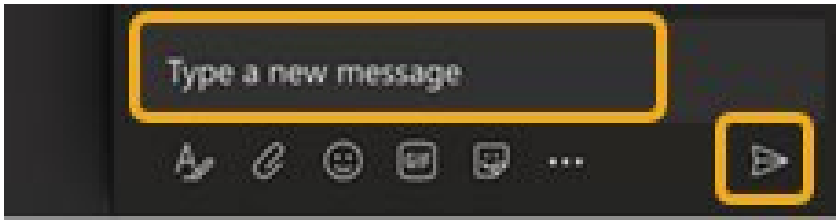

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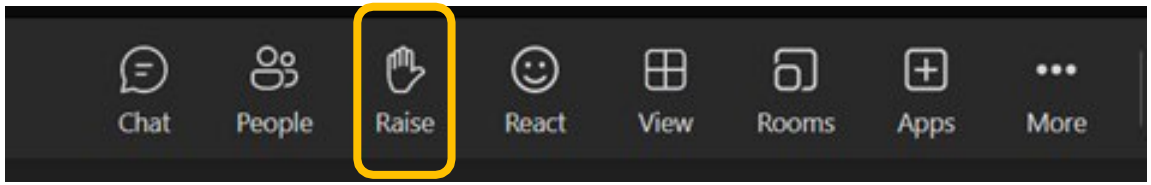

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Other Activities

Five Year Review

- Under CERCLA, if a remedial action results in CERCLA hazardous substances, pollutants or contaminants remaining at a site at levels that do not allow for unlimited use and unrestricted exposure, the site must be reviewed every five years.
- Prior Five-Year Review Reports were signed in 2000, 2005, 2010, 2015, and 2020.
- Preparation of Sixth Five-Year Review Report began in August 2024.
- Public Notice for the Sixth Five-Year Review was published in September 2024.
- Per USEPA guidance, review includes all CERCLA sites with signed RODs to ensure that implemented remedies remain protective of human health and the environment. Sites will include:
  - Sites 1 & 3, Site 2, Site 7, Site 9, Site 12, Eastern Plume, Quarry Area, and the Picnic Pond Stormwater Retention System

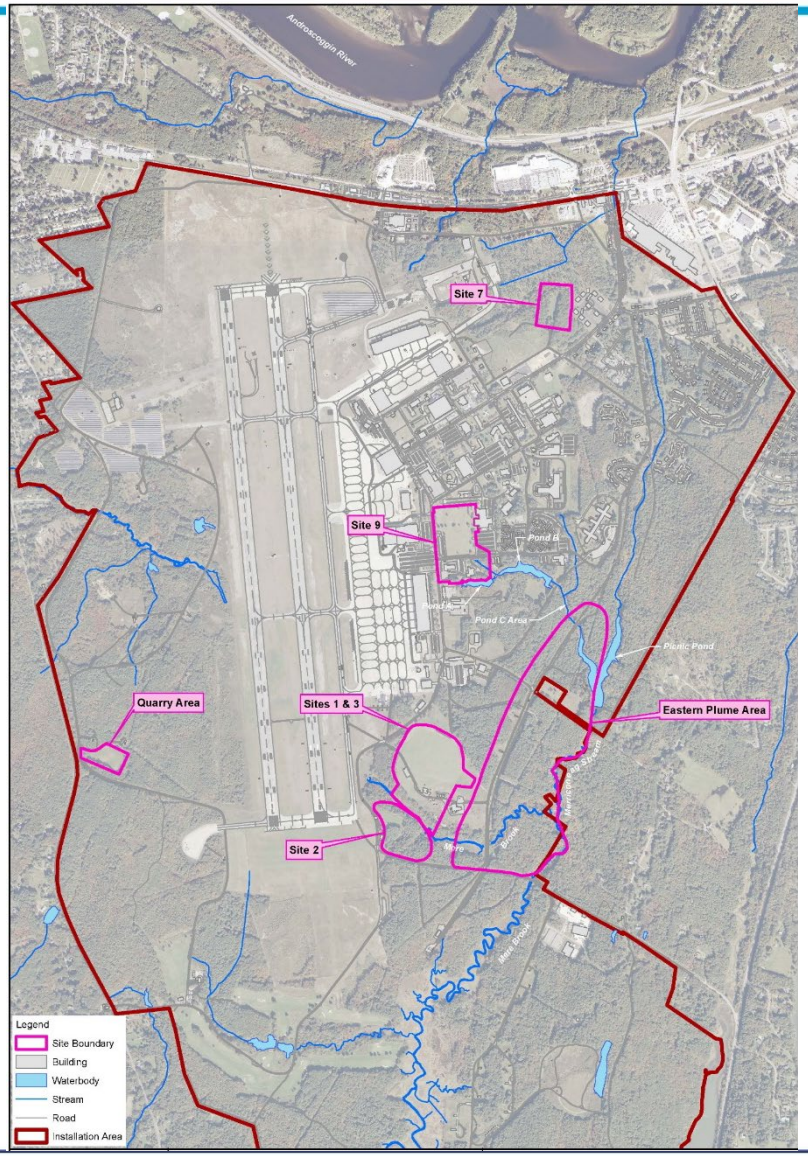
Other Activities, continued

Five Year Review, continued

- Will include a document review, site inspection, technical assessment, and an evaluation of the protectiveness for each site.
- Site inspections were conducted in October 2024.
- Navy distributed a questionnaire and responses have been received.
- Reporting:
  - Internal Draft Report anticipated in late January 2025
  - Draft Report anticipated in late March 2025
  - Draft Final Report anticipated late June 2025
  - Final Report to be signed by late September 2025

Other Activities, continued

Long-Term Monitoring (LTM) CERCLA Sites



Other Activities, continued

CERCLA LTM Sampling

- Spring 2024 LTM event conducted and includes the Eastern Plume.
- Fall 2024 LTM event planned for October 2024 and will include:
  - Sampling at Sites 1 & 3, Site 7, Site 9, and Eastern Plume
- Reporting:
  - 2022 Annual LTM Report was issued as Draft in February 2024
  - 2023 Annual LTM Report was issued to Navy in early July 2024
  - Draft 2024 Annual LTM Report anticipated in Spring 2025

Other Activities, continued

CERCLA LTM Sampling, continued

- Concurrent with the CERCLA LTM, groundwater sampling is also conducted at the Quarry Area.
- The 2017 ROD for the Quarry Area states that groundwater monitoring will be conducted to confirm that groundwater contaminants are not migrating from the Waste Disposal/Fill Area.
  - ROD indicates sampling for polycyclic aromatic hydrocarbons (PAHs), metals, and explosives semi-annually for two years.
- Sampling was first conducted in 2020, and the groundwater monitoring program was added to the 2022 CERCLA LTM Sampling and Analysis Plan (SAP).
  - Sampling frequency was changed to annual sampling for four consecutive years.
  - Also indicated that the first year of annual sampling began in 2022.
  - After four years of sampling, the monitoring program would be evaluated to determine if LTM was necessary.

Other Activities, continued

Non-CERCLA (Petroleum) LTM Sampling

- Old Navy Fuel Farm (ONFF) and Naval Exchange (NEX) Service Station undergo biennial LTM in accordance with MEDEP remediation guidelines for Petroleum-Contaminated Sites.
- Biennial LTM was completed in June 2024.
  - Groundwater samples were analyzed for volatile petroleum hydrocarbons (VPH), extractable petroleum hydrocarbons (EPH), polycyclic aromatic hydrocarbons (PAHs), and natural attenuation parameters.
  - Additionally, well maintenance was completed (replacement of well caps and locks, removing silt from around well, monitoring well redevelopment).
- Reporting:
  - Responses to MEDEP comments on the 2022 Draft ONFF and NEX LTM Reports are being finalized and final reports will be issued soon.
  - 2024 Draft ONFF and NEX LTM Reports anticipated in March 2025; sampling results for both sites are consistent with historical results – stable to decreasing plumes.

Other Activities, continued

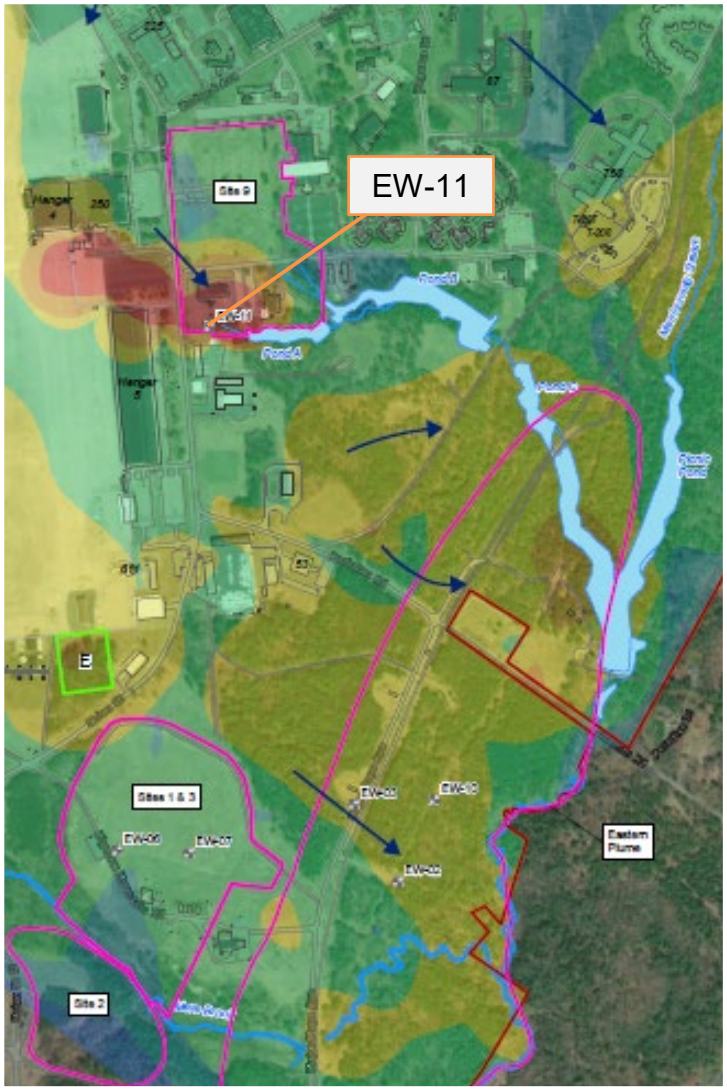
Groundwater Extraction and Treatment System (GWETS)

- An Interim ROD was signed in June 1992 to address groundwater contamination at the Eastern Plume identified during the RI.
  - Included a treatment plant to control and prevent further migration of contaminated groundwater off the NAS Brunswick property, and
  - To begin reducing the concentrations of contaminants prior to selecting the final remedy.
- Has been in operation since the mid-1990s to treat chlorinated volatile organic compounds (CVOCs) impacted groundwater.
- GWETS is very effective at treating CVOCs and providing hydraulic control of the Eastern Plume and includes six extraction wells to maintain hydraulic control.
- GWETS treats approximately 2 million gallons per month.
- Monthly Operations and Maintenance (O&M) reporting includes documenting GWETS performance along with laboratory analytical results.

Other Activities, continued

GWETS, continued

- Initial PFAS investigations conducted at the base identified PFAS in groundwater at the Eastern Plume.
- The GWETS was modified in 2015 to use treatment materials capable of treating both CVOC and PFAS-impacted groundwater.
  - Existing extraction wells were designed to treat CVOC-impacted areas.
  - Evaluation was conducted to optimize the extraction wells in PFAS-impacted areas.
  - New extraction well (EW-11) was installed and connected to the GWETS to treat PFAS in the Eastern Plume.
  - Currently evaluating groundwater data to determine most effective treatment options while maintaining original goals of treatment.
- The GWETS only treats PFAS in groundwater at the Eastern Plume.
  - Additional PFAS treatment for construction related activities to aid in redevelopment.



CVOC - Chlorinated Volatile Organic Compounds * GWETS - Groundwater Extraction Treatment System * PFAS - Per- and Polyfluoroalkyl Substances

Other Activities, continued

GWETS PFAS Treatment Update

- Samples continue to be collected monthly (pre- and post-treatment) for PFAS analysis.
- Reduction of influent PFAS concentrations over past 5 years.
- Effluent concentrations are below laboratory detection limits and below the MEDEP Interim Drinking Water Standard and USEPA maximum contaminant levels (MCLs).
- Reporting:
  - Monthly summaries are provided to MEDEP, USEPA, and BACSE
  - Internal Draft Annual GWETS PFAS Report for July 2023 – June 2024 was issued to the Navy in October 2024
  - Draft report anticipated in Spring 2025

BACSE - Brunswick Area Citizens for a Safe Environment * GWETS - Groundwater Extraction Treatment System * MEDEP – Maine Department of Environmental Protection * PFAS - Per- and Polyfluoroalkyl Substances * USEPA – United States Environmental Protection Agency

Other Activities, continued

Construction Dewatering Treatment System (CDWTS)

- In 2020, the Navy installed a treatment system to support construction activities by property owners at Brunswick Landing.
- The CDWTS is designed to treat PFAS-impacted groundwater generated during redevelopment activities.
- CDWTS is located outside the existing Eastern Plume GWETS.
- Prior to treatment by the CDWTS, contractors are required to submit a treatment plan that is approved by the Navy, MEDEP, and USEPA.
- To date, the system has treated 429,112 gallons of construction water. System is currently shut down for winter.

GWETS - Groundwater Extraction Treatment System * MEDEP – Maine Department of Environmental Protection * PFAS - Per- and Polyfluoroalkyl Substances - * USEPA – United States Environmental Protection Agency

Other Activities, continued

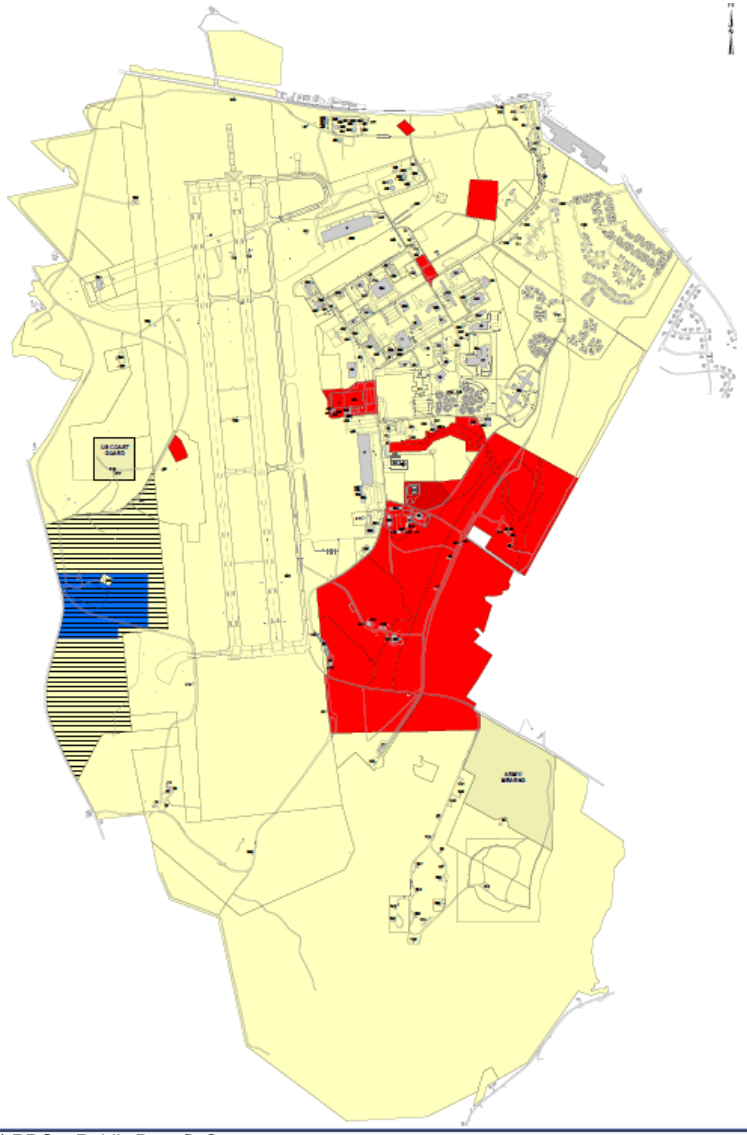
Sites 1 & 3 Radiological Survey

- Sites 1 & 3 contains radioactive material believed to be naturally occurring material that has been disposed of and concentrated at the site.
- Contamination is not leaving the site and appears to be settling out at the outfall locations.
- Physical access restricted by gated fencing (Land Use Control); it is **not** publicly accessible.
- Draft SAP was submitted in November 2024.
- Anticipate conducting radiological assessment in Spring 2025 and will include:
  - Survey will include surface scans to determine the presence of residual impacts and to identify surface soil sample locations.
  - Soil samples collected where elevated radioactivity is detected.
- A draft report summarizing the findings is anticipated in Fall 2025.

Other Activities, continued

Findings of Suitability to Transfer (FOSTs)

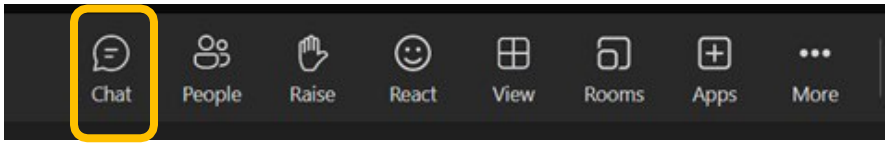
- Quarry, 4th Quarter of 2024
  - Transfer planned for CY2025
- AIR-16
- Public Works
- Hangar 4

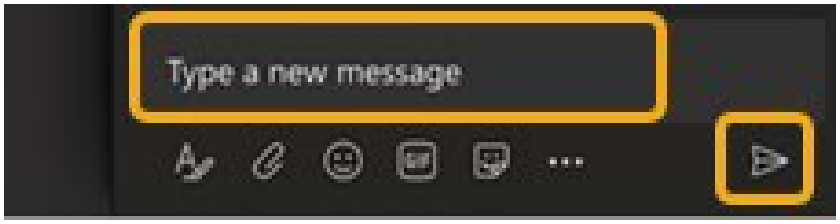


CY – Calendar Year * EDC – Economic Development Conveyance * GWETS - Groundwater Extraction Treatment System * PBC – Public Benefit Conveyance

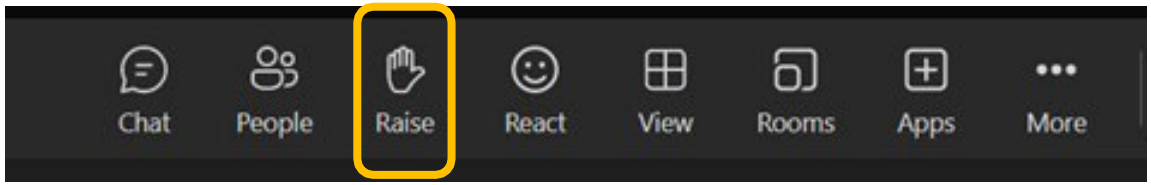
Q&A

1) To ask a question, select ‘Chat’, then type your question in the text box, and then select ‘Send’.





2) Raise your hand to be recognized and have your microphone unmuted. Select ‘Raise your hand’ icon in the meeting controls.



3) Phone-only attendees can dial *5 to raise their hand and have the opportunity to ask a question. Once recognized, Dial *6 to unmute.

Thank You!

Thank you for attending today's meeting!

Next RAB Meeting: May 28, 2025 at 6:00 pm
Hybrid Meeting

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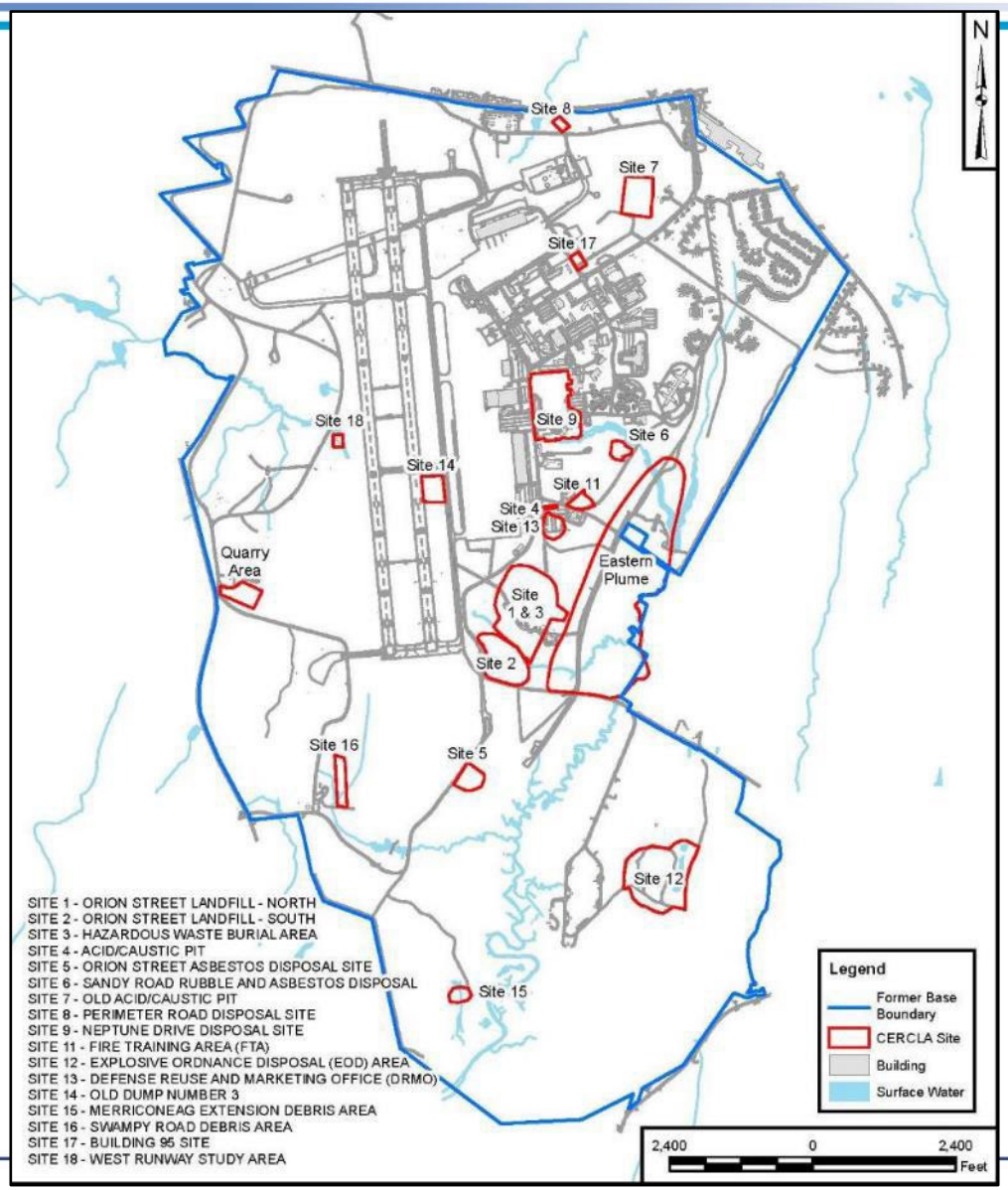
Acronyms

AFFF	Aqueous Film-Forming Foam
AST	Above Ground Storage Tank
BACSE	Brunswick Area Citizens for a Safe Environment
BRAC	Base Realignment and Closure
BTWD	Brunswick/Topsham Water District
CCTV	Closed-circuit Television
CDWTS	Construction Dewatering Treatment System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	Chemical of Concern
CVOC	Chlorinated Volatile Organic Compounds
CSM	Conceptual Site Model
CY	Calendar Year
DoD	Department of Defense
EDC	Economic Development Conveyance
ESCA	Environmental Services Cooperative Agreement
FOST	Finding of Suitability to Transfer
FTA	Fire Training Area
GWETS	Groundwater Extraction Treatment System

Acronyms (continued)

HHRA	Human Health Risk Assessment
IDW	Investigation Derived Waste
LTM	Long-Term Monitoring
LUC	Land Use Control
MCLs	Maximum Contaminant Levels
MEDEP	Maine Department of Environmental Protection
MRRA	Midcoast Regional Redevelopment Authority
NAS	Naval Air Station
NEX	Naval Exchange
ONFF	Old Navy Fuel Farm
PAH	Polycyclic Aromatic Hydrocarbons
PBC	Public Benefit Conveyance
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorobutanoic Acid
PFBS	Perfluorobutane Sulfonate
PFHxA	Perfluorohexanoic Acid
PFHxS	Perfluorohexanesulphonic Acid
PFNA	Perfluorononanoic Acid

Acronyms (continued)

PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
Q&A	Question and Answer
QR	Quick Response
RAB	Restoration Advisory Board
RACR	Remedial Action Completion Report
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
ROD	Record of Decision
SAP	Sampling and Analysis Plan
USEPA	United States Environmental Protection Agency

Base Map with CERCLA Sites