



New Bedford Harbor Superfund Site Virtual Public Meeting

January 18, 2023
6:00PM – 7:30PM



USEPA - Region 1

Project Team

- ZaNetta Purnell – EPA Community Involvement Coordinator
- Aaron Shaheen – EPA Community Involvement Coordinator
- David Dickerson – EPA Remedial Project Manager
- Natalie Burgo – EPA Remedial Project Manager
- Marie Esten – US Army Corps of Engineers Project Manager
- Paul Craffey – Massachusetts Department of Environmental Protection Project Manager

Ask questions / share comment

MUTE your PC mic button

The screenshot shows a virtual meeting window titled "Meeting". At the top left, the time is "00:08". The main interface features a toolbar with several icons: a purple box labeled "See participants" points to the participants icon; a blue box labeled "Ask questions / share comment" points to the chat icon; a green box labeled "Turn your video on/off" points to the video icon; a yellow box labeled "MUTE your PC mic button" points to the microphone icon; and a red box labeled "Hang up button" points to the "Leave" button. Below the toolbar, the main content area is split into two sections. On the left is a satellite map of New Bedford, Massachusetts, with labels for "Former Aerovox mill", "Acushnet", "New Bedford", "Fairhaven", "Hurricane Barrier", "Clark's Cove", and "Clark's Point/Fort Rodman". On the right is a presentation slide titled "New Bedford Harbor Superfund Site Virtual Public Meeting" with the date "January 18, 2023" and time "6:00PM – 7:30PM". The slide also features the USEPA logo and the text "USEPA - Region 1".

See participants

Turn your video on/off

Hang up button

Virtual Meeting Participant Instructions

Ground Rules for Online Participation

Our requests:

Keep your microphone muted when not speaking

Respect time limits for questions and comments

Keep comments and chats respectful and appropriate for a public audience

Follow the facilitators' guidance and instructions on how to participate

Agenda



Review of 2022
accomplishments

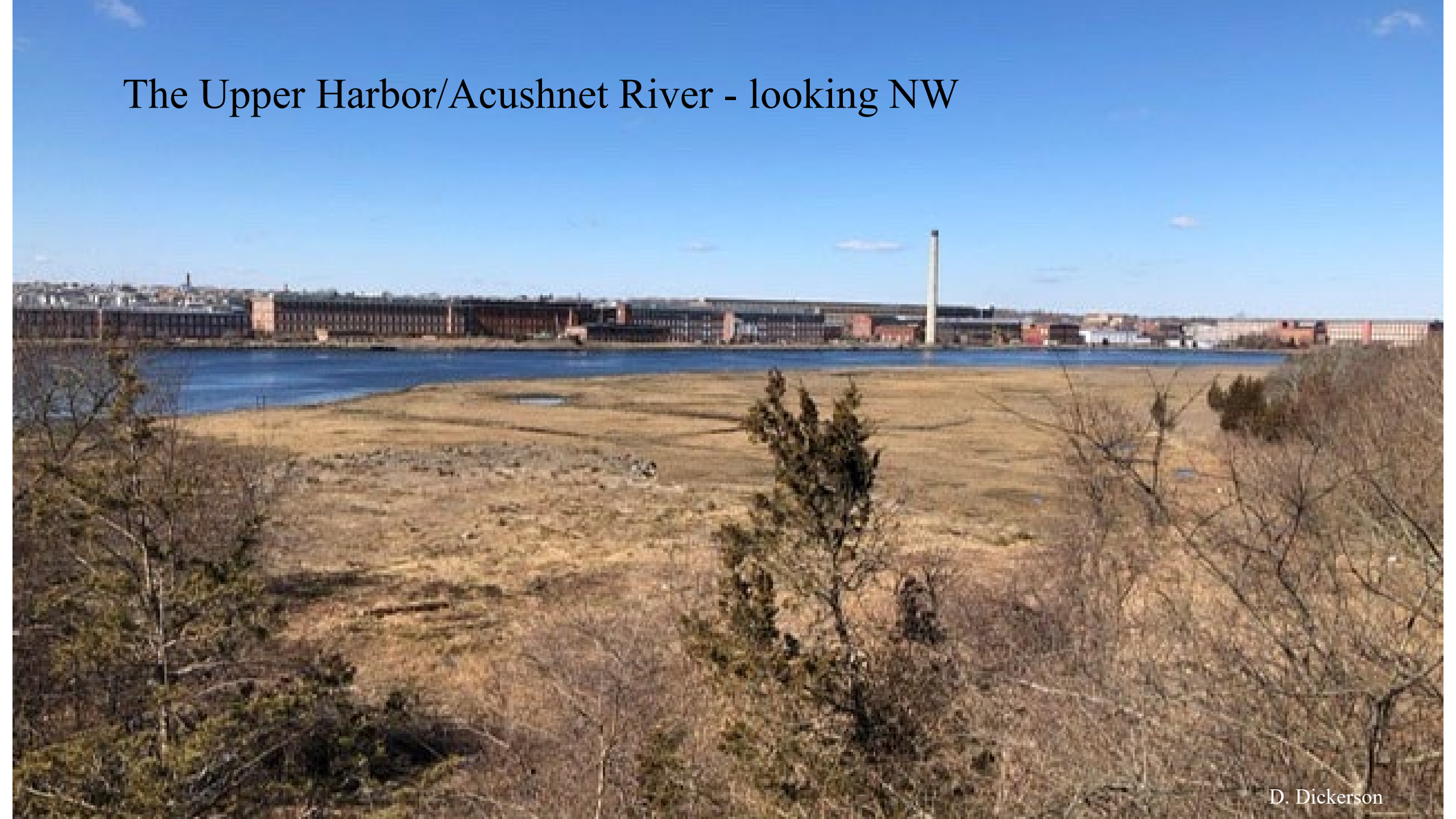


Upcoming 2023 work



Continued seafood
advisories

The Upper Harbor/Acushnet River - looking NW



Summary of 2022 Accomplishments






1. Pierce Mill Cove saltmarsh plantings
2. West Zone 4 and 5 shoreline/saltmarsh storm repair and saltmarsh plantings
3. Started East Zone 2 saltmarsh remediation (~56% complete)
4. Monitoring/maintenance of all remediated shorelines
5. Start of pilot CDF cap design

(All areas are shown on the next slide)



Areas of Work - 2022 Upper Harbor

Legend:

-  dredging completed
-  intertidal completed
-  intertidal 2022 - 2024
-  sediment cap completed
-  dredging not needed



Aerial Video of New Bedford Shoreline - 2022
West Zones 4 and 5 and Pierce Mill Cove
Storm Repairs and Plantings

[West Zone Planting Update - 19 Sept 2022 - YouTube](#)

Photo/video credit: Ed Pepin, Fairhaven, MA

East Zone 2 – Oct 2022
Excavation Underway



East Zone 2 –Material Handling Area

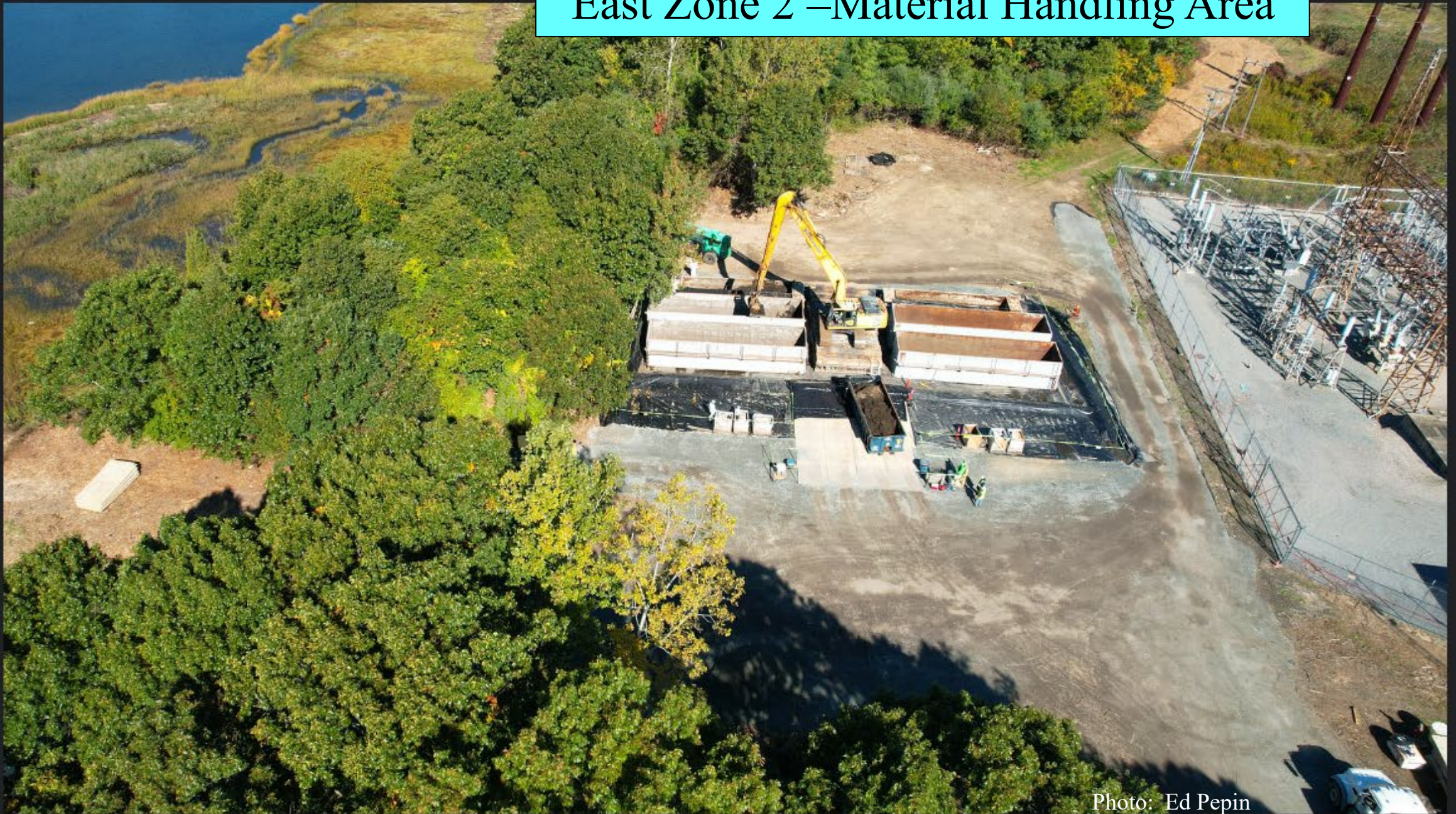


Photo: Ed Pepin

Restoration Monitoring

East Zone 1 saltmarsh grasses
planted in 2021.

(Photo taken in 2021)



Restoration Monitoring

East Zone 1, 2022
~15 months after planting



Photo: Ed Pepin





Mute (m)

Restoration Monitoring

Mapping of:

- 1 – sparse vegetation
- 2 – invasive species
- 3 – erosional areas

Legend:

-  sparse vegetation
-  *Pragmites* (invasive)
-  purple loose-strive (invasive)
-  erosional areas




Some other spring 2021 plantings:

East Zone 4 “high marsh” - 2022




East Zone 5 “low marsh” - 2022

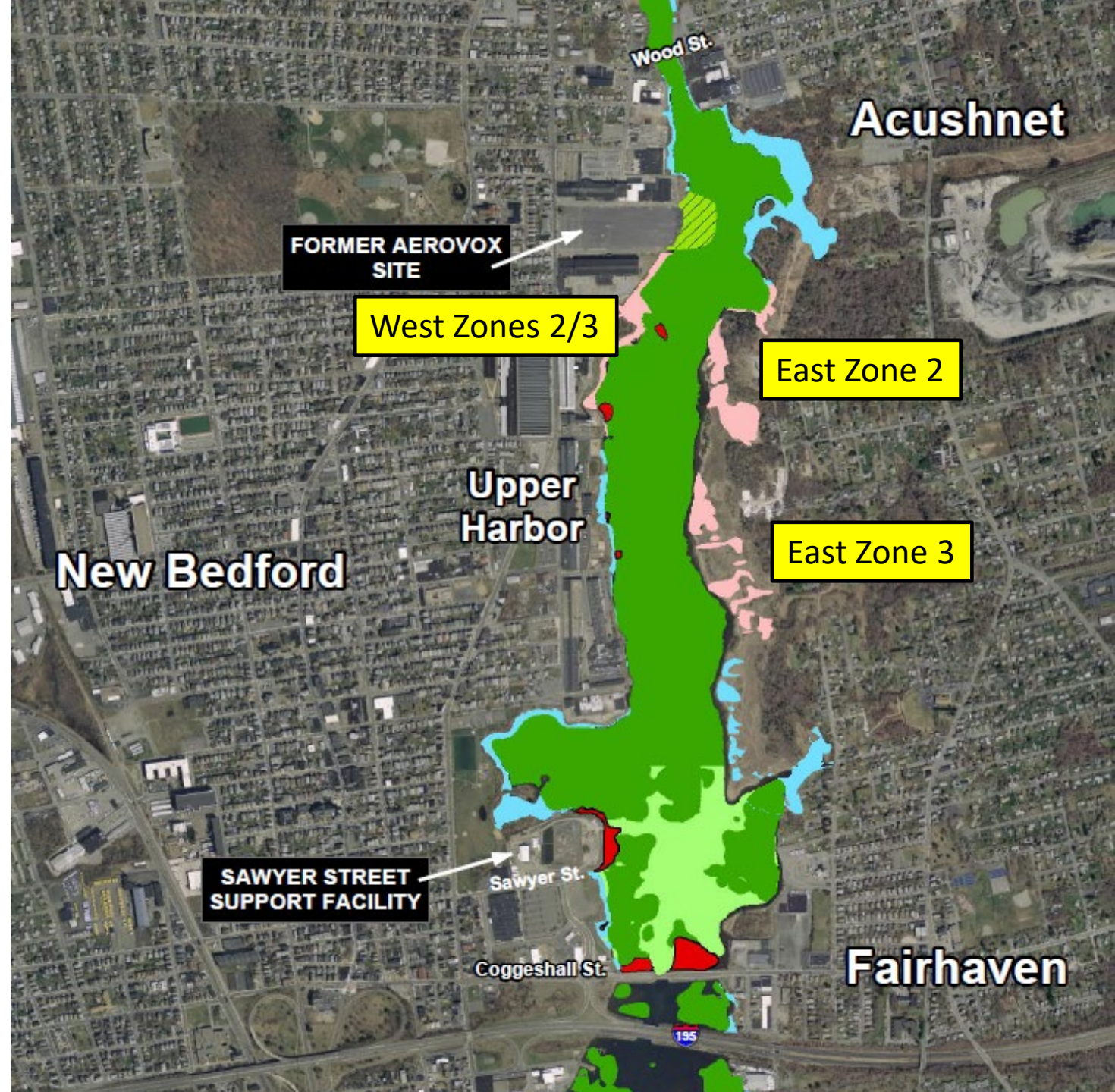
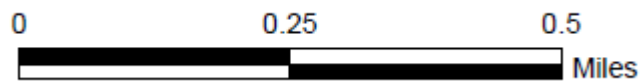
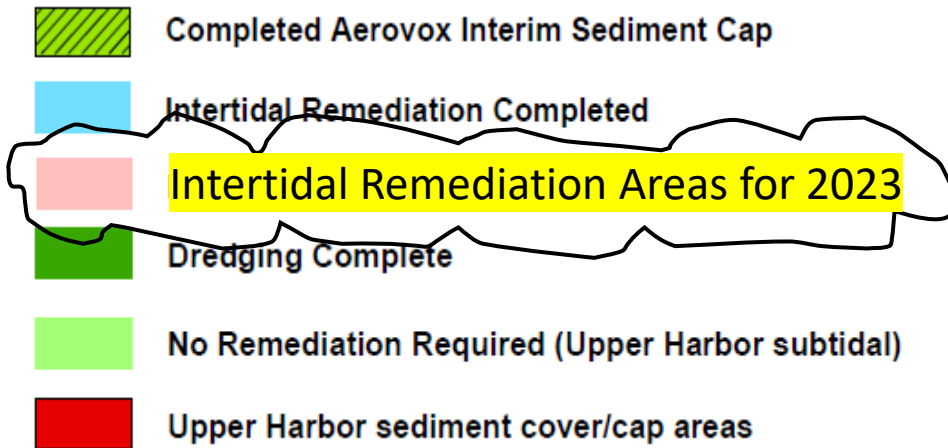


A large green circle is positioned on the left side of the slide, partially overlapping the text area.

Upcoming work in 2023

1. East Zones 2 and 3: continued remediation, plan to be completed summer 2024
 2. Lower Harbor CAD Cell capping, plan to be completed by summer 2023
 3. West Zone 2/3: start remediation fall 2023
 4. Sawyer Street “Cell 1” Offsite Disposal
 5. Annual saltmarsh monitoring/maintenance
- 
- A decorative teal dashed line is located in the bottom right corner of the slide, consisting of several short, curved segments.

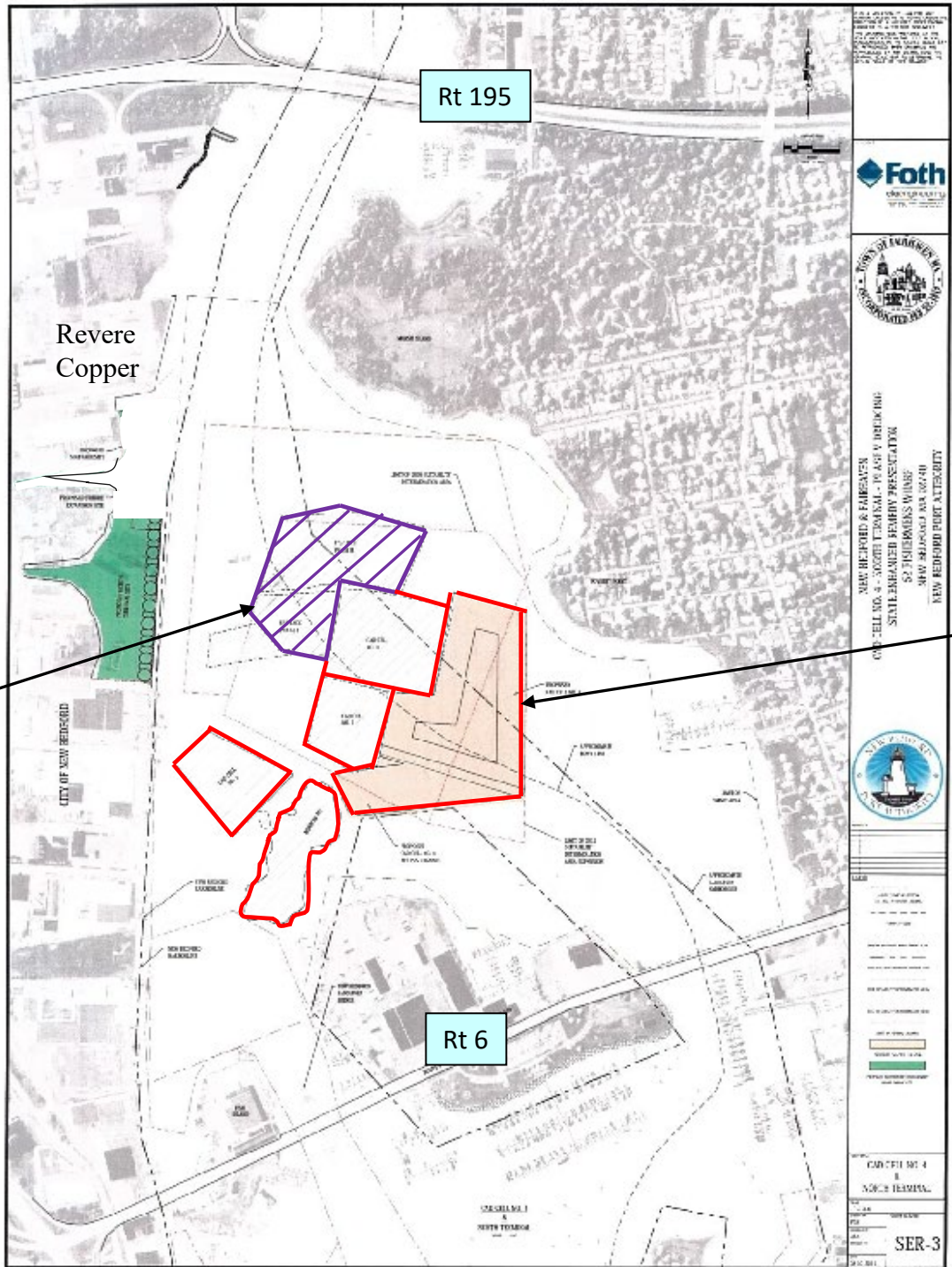
New Bedford Harbor Overview January 2023

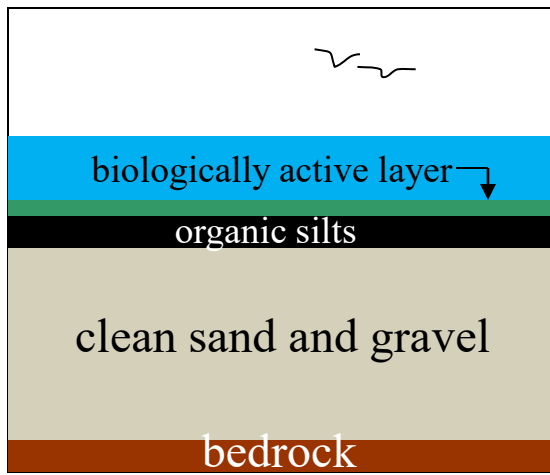


Capping of the Superfund CAD Cell

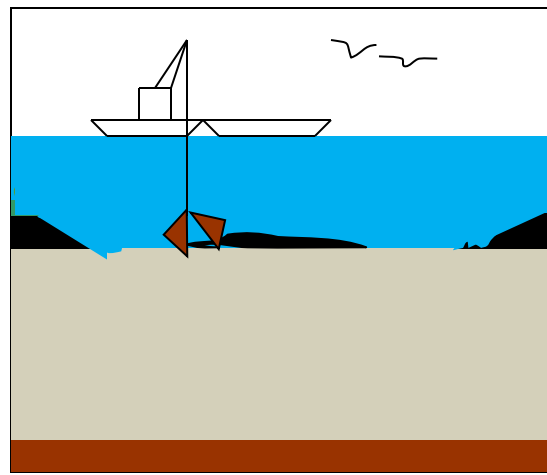
Superfund Lower Harbor CAD cell

Navigational CAD cell 4

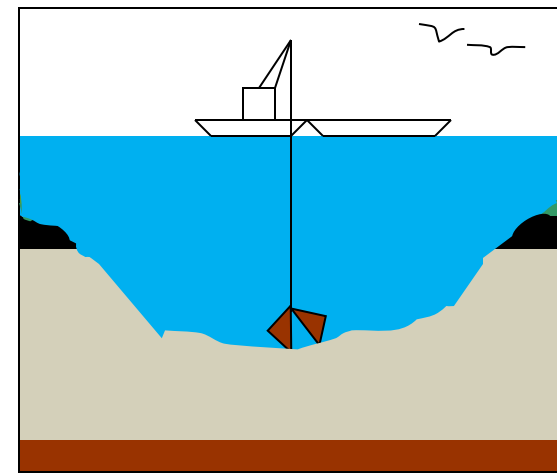




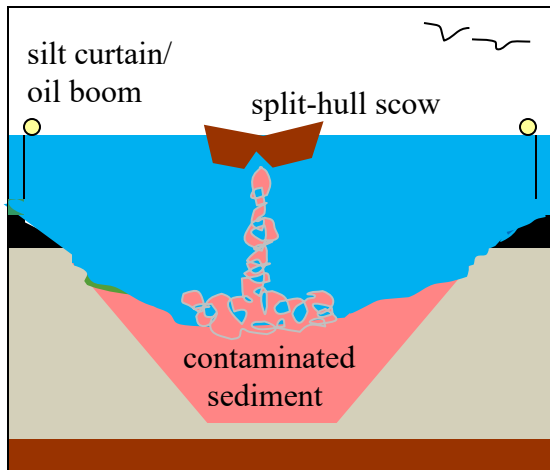
1. Harbor bottom as is



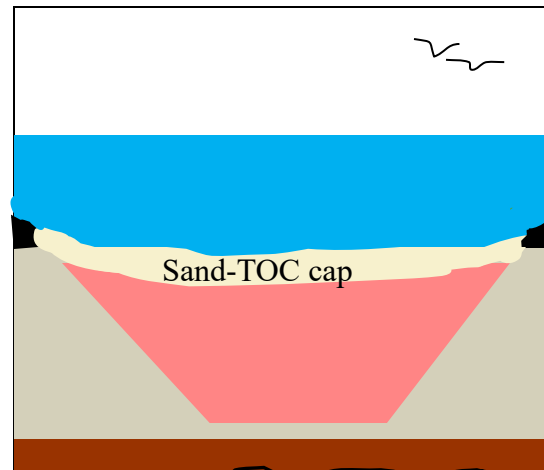
2. Excavation of top silts



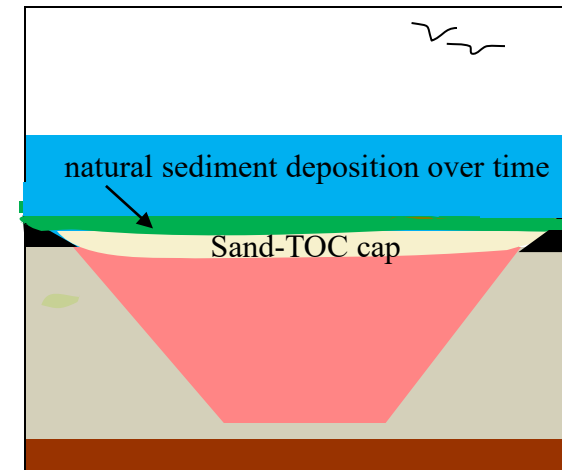
3. Excavation of clean sand



4. Placement of sediments

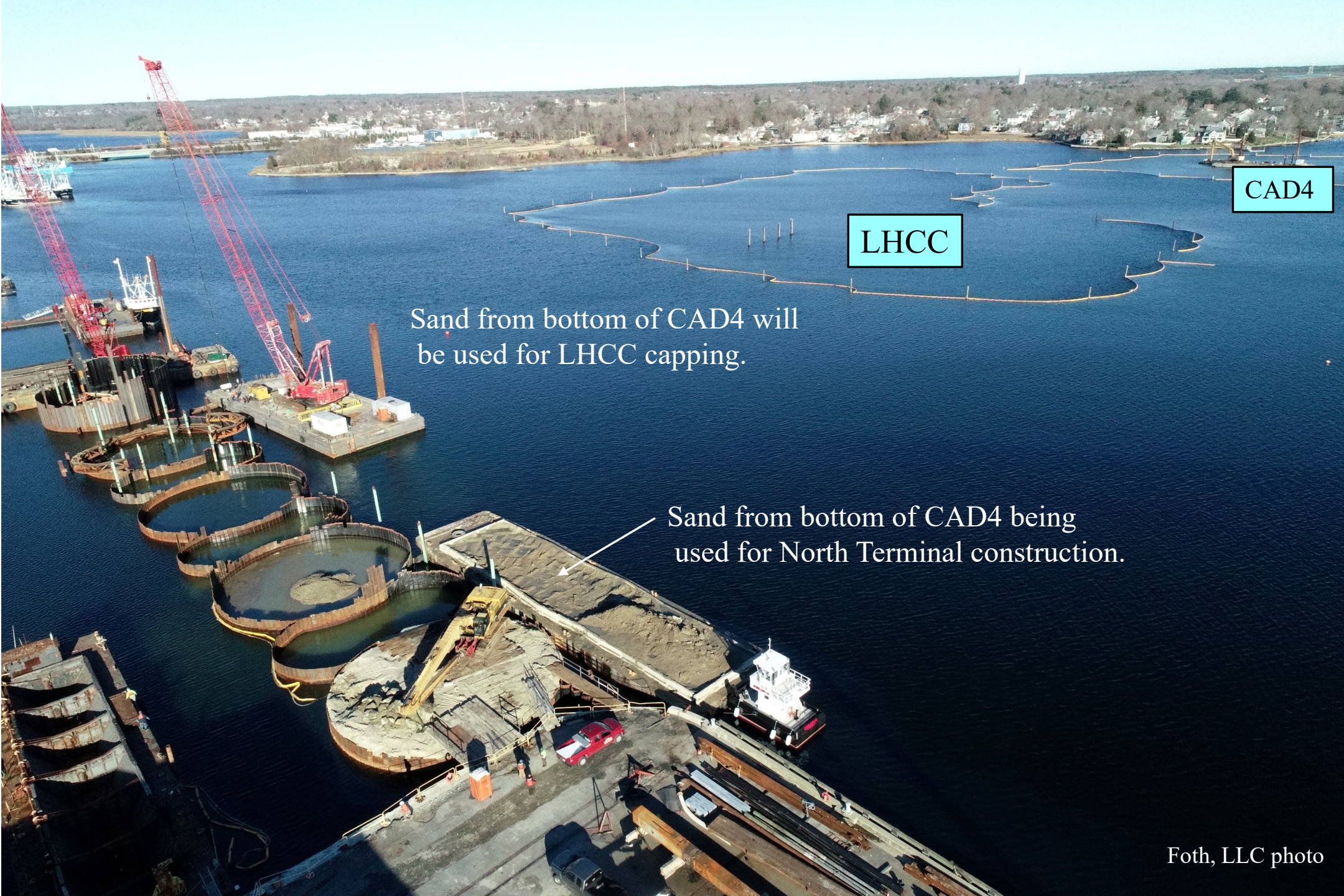


5. Placement of sand cap



6. Surface "bowl" fills in over time

Confined Aquatic Disposal (CAD) Cell



CAD4

LHCC

Sand from bottom of CAD4 will be used for LHCC capping.

Sand from bottom of CAD4 being used for North Terminal construction.



Market
Basket

Sawyer St

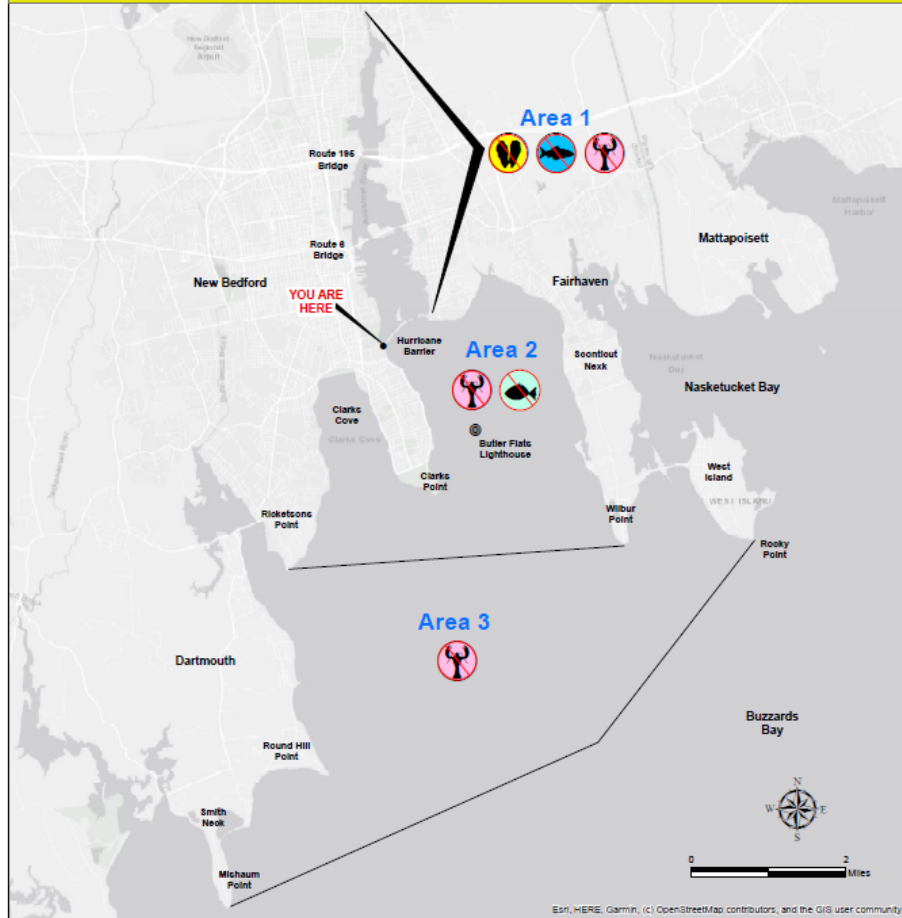
Pilot
CDF

Cell 1

Riverside
Park

Sawyer St Support Facility
Looking south

1979 State Fishing Ban - PCBs (still in effect)



Do NOT eat shellfish
 No coma mariscos
 Nao coma mariscos



Do NOT eat fish
 No coma pescado
 Nao coma peixe



Do NOT eat lobster
 No coma langosta
 Nao coma lagosta

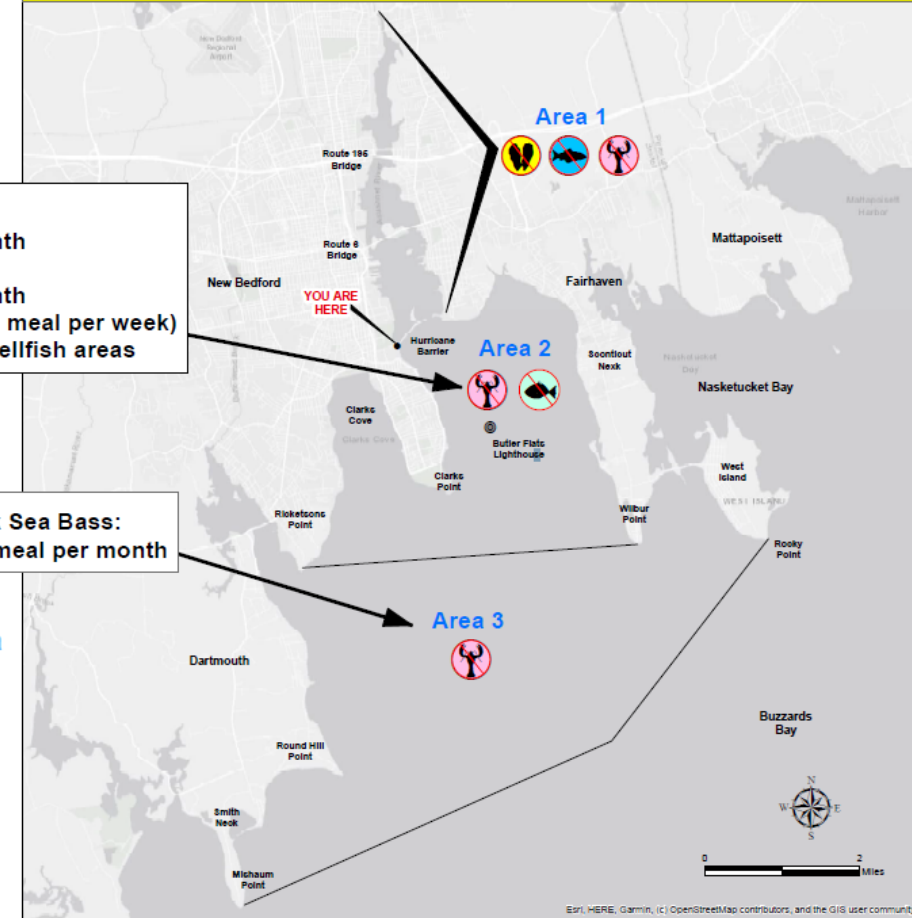


Do NOT eat bottom-feeding fish:
 No coma pescado de fundo:
 Nao coma peixe de fundo:
 - flounder, tautog, scup, eel
 - languado, tautoga, sargo, anguila
 - solha, bodilio da ostra, sargo, anguila



For more info: <https://www.epa.gov/new-bedford-harbor>

2010 USEPA Recommendations (still in effect)



Black Sea Bass:
 1 meal per month
Shellfish:
 1 meal per month
 (Clark's Cove 1 meal per week)
 in approved shellfish areas

Black Sea Bass:
 1 meal per month

Fish consumption restrictions and advisories continue

Seafood Consumption Outreach Coordinators

- Since 2015 EPA and local CEDC collaborate to survey and educate those who fish locally
- Bilingual/trilingual outreach
- Goal: to limit recreational seafood consumption from New Bedford Harbor in addition to gaining a better understanding of local fish consumption



SEAFOOD CONSUMPTION QUESTIONNAIRE

DATE:

NAME:

LOCATION:

*This information is anonymous, none of the answers will be associated with your name or any family member/friends you may be fishing or eating fish with. Please answer ONLY based on fish caught and eaten from New Bedford Harbor.

QUESTION	NOTES
Do you fish in the Harbor?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Where do you usually fish? (Use map as a guide)	
What type of fish do you typically catch? (Check all that apply)	<input type="checkbox"/> Black Sea Bass <input type="checkbox"/> Flounder <input type="checkbox"/> Scup <input type="checkbox"/> Tautog <input type="checkbox"/> Eel <input type="checkbox"/> Lobster <input type="checkbox"/> Shellfish <input type="checkbox"/> Other:
Are you eating the fish you catch from the harbor?	
Does anyone else eat the fish that you catch from the harbor? If yes, who? (friends/family?)	

QUESTION	NOTES
If you do eat seafood and/or shellfish from the harbor, how often would you estimate you eat it as a meal?	<input type="checkbox"/> 1x a Week <input type="checkbox"/> 2 x a week <input type="checkbox"/> 1 x a month <input type="checkbox"/> 2 times a month <input type="checkbox"/> Every couple of months <input type="checkbox"/> A few times a year
How many months a year do you normally fish? Only during the summer months, or year round?	
If you catch a lot of fish, do you freeze it and eat it year round?	
Do you have any concerns about the potential health effects of consuming seafood from the harbor? Why or why not?	
Any additional notes from interview?	

Questions and Comments

For additional
information
please visit
www.epa.gov/nbh

