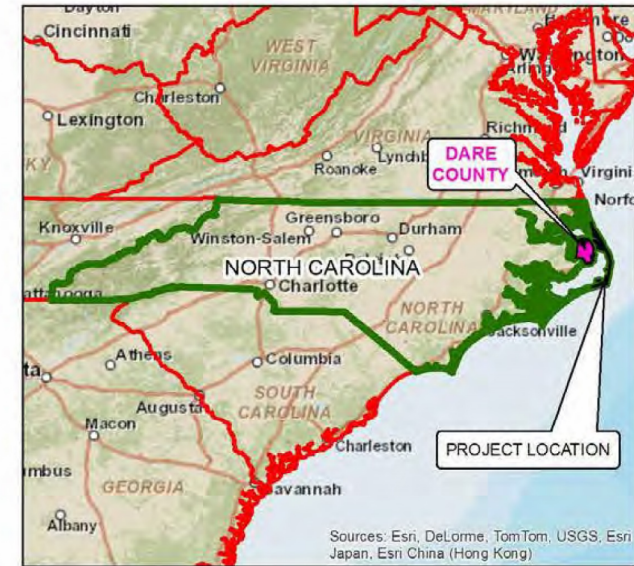
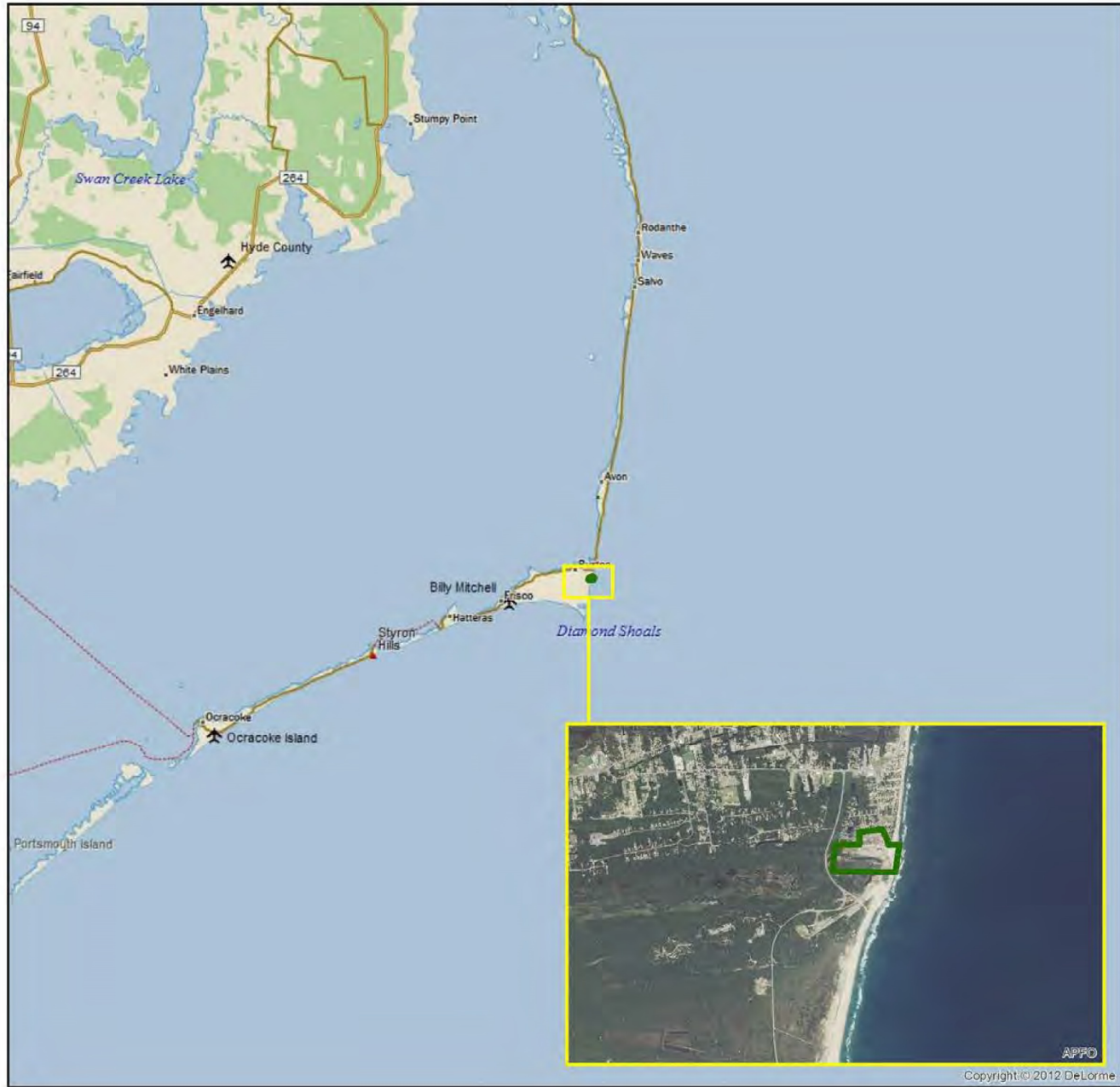


Interim Response Action Cape Hatteras National Seashore North Carolina

Sararina Keisler, USACE

Hillary Weber PG, Bay West



Legend

 APPROXIMATE PROPERTY BOUNDARY

	U. S. ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT	
	BUXTON NAVAL FACILITY FUDS PROPERTY NO. I04NC0001 BUXTON, NORTH CAROLINA DARE COUNTY	
VICINITY MAP		
PROJ. DATE: Feb 2013		PLATE NO. 1

US NEWS

North Carolina beach closes as erosion unearths toxic remains of old military base

By Angeli Gabriel, FOX Weather
Published Sep. 8, 2024, 10:36 a.m. ET

Petroleum Contamination Leads To Beach Closure At Cape Hatteras National Seashore

By Compiled from NPS releases
September 5, 2024

Buxton Beach frustrations boil over at Dare County Board of Commissioners meeting

September 4, 2024 | Local News | By: Joy Crist | 



How did we get here?





September 9th

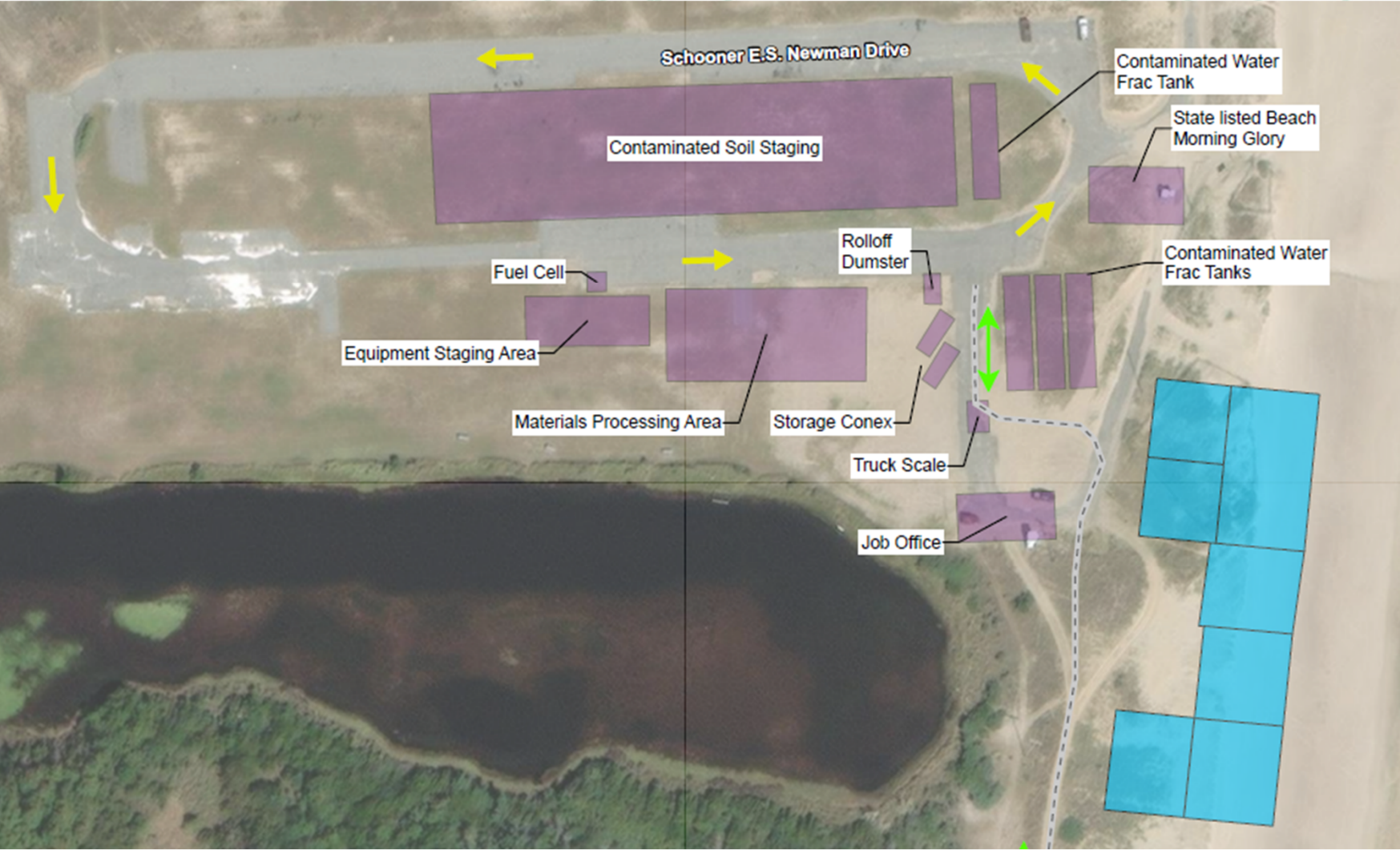
- Rapid Interim Response Action
- Petroleum contamination seeping at the sand surface discharging near the tide line.
- Multiple areas of discharge
- NPS Closed the beach in the area to public access for the last year
- Rising tensions with public stakeholders
- Political Engagement







Interim Removal Action – 90 Days



Volume Evaluated (CY)	100,000
Impacted Soil Removed (CY)	4,619.3
Impacted Water (Gal)	94,829
Concrete Removed (lbs)	278,000
Asbestos Containing Materials (Tons)	3.4
Pipe Removed (lbs)	1,600
Metallic debris (lbs)	1,000



Project Challenges and Solutions

- Communication
- Tides
- Source Mass Location
- Visitors



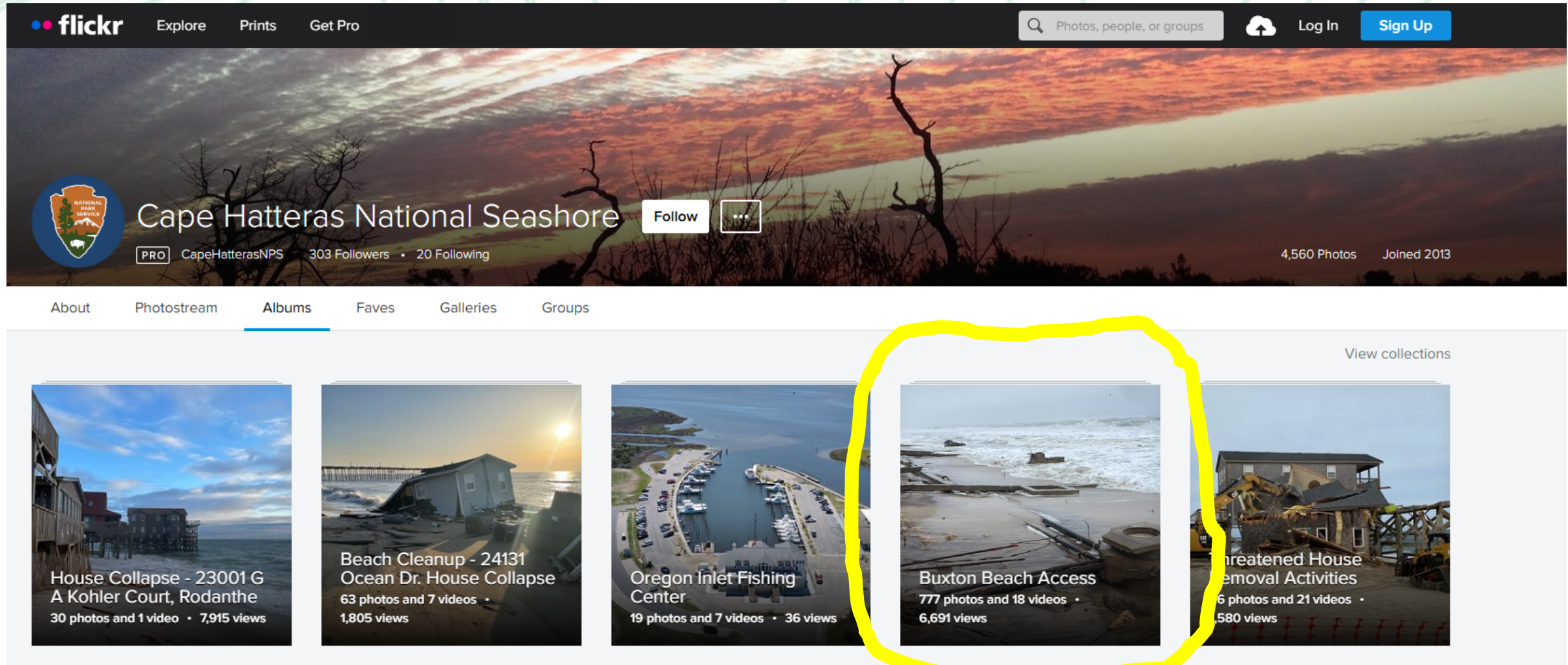
Communicating with “Residents”



Path of least interaction



Livestreaming Stakeholders



flickr Explore Prints Get Pro

Photos, people, or groups Log In Sign Up

 **Cape Hatteras National Seashore** Follow ...

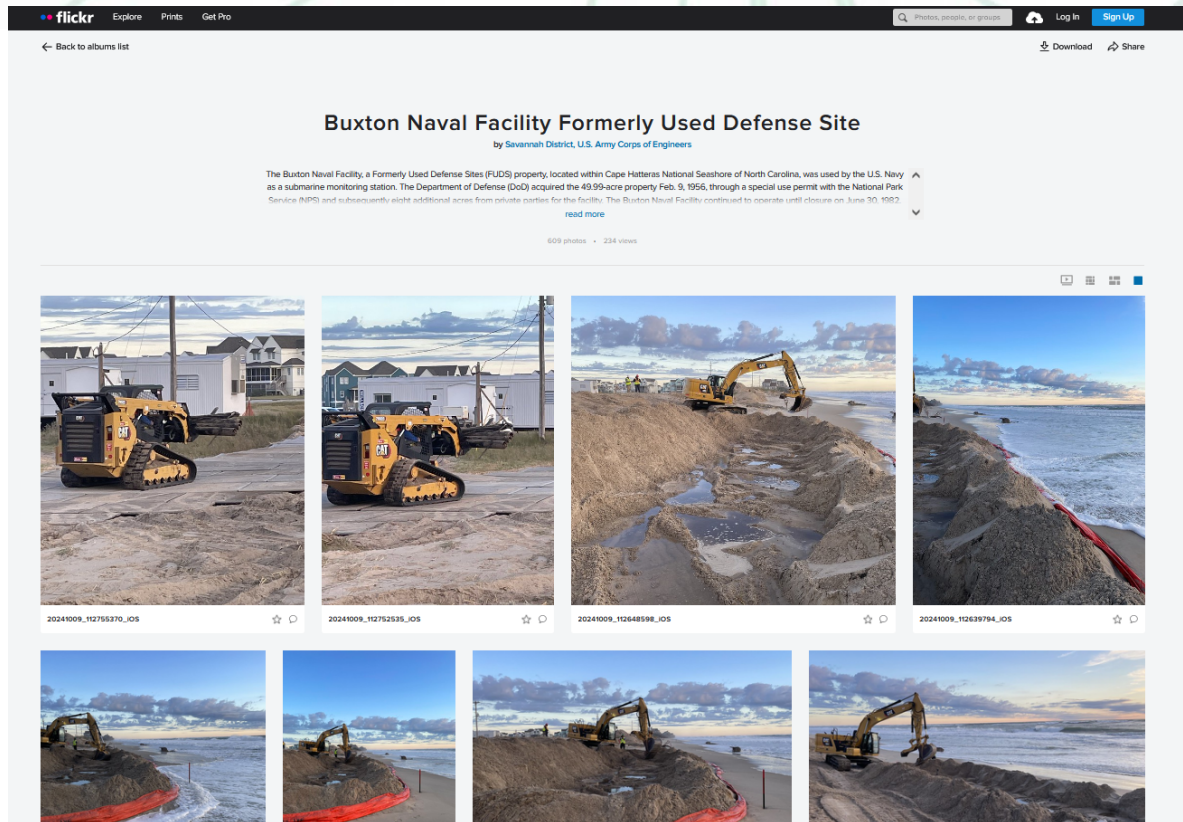
PRO CapeHatterasNPS 303 Followers • 20 Following 4,560 Photos Joined 2013

About Photostream **Albums** Faves Galleries Groups

View collections

- House Collapse - 23001 G A Kohler Court, Rodanthe**
30 photos and 1 video • 7,915 views
- Beach Cleanup - 24131 Ocean Dr. House Collapse**
63 photos and 7 videos • 1,805 views
- Oregon Inlet Fishing Center**
19 photos and 7 videos • 36 views
- Buxton Beach Access**
777 photos and 18 videos • 6,691 views
- Threatened House Removal Activities**
6 photos and 21 videos • 1,580 views

Solution





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US Army Corps of Engineers Savannah District Website

News Releases

Buxton FUDS restoration advisory board survey results

12/10/2024 SAVANNAH, Ga. – The U.S. Army Corps of Engineers, Savannah District, is in the process of documenting its determination to establish a restoration advisory board, based on survey responses from the...

Survey available for Buxton FUDS Restoration Advisory Board--work continues

11/12/2024 SAVANNAH, Ga. – During a public meeting at the Fessenden Center in Buxton, North Carolina, Nov. 4, 2024, the U.S. Army Corps of Engineers, Savannah District, invited the attendees to take a survey to...

Buxton FUDS public meeting Nov. 4 at Fessenden Center - on-site excavations continue

11/1/2024 SAVANNAH, Ga. – As a reminder, the U.S. Army Corps of Engineers, Savannah District, will host a public meeting at the Fessenden Center Nov. 4, 2024, from 7 to 9 p.m., to provide information about...



Buxton FUDS public meeting date set – cleanup continues at site

10/18/2024 SAVANNAH, Ga. – The U.S. Army Corps of Engineers, Savannah District, has set the date, time, and location for a public meeting about the Buxton Naval Facility Formerly Used Defense Sites property as...



Response action progressing at Buxton FUDS property in Dare County N.C.

10/9/2024 SAVANNAH, Ga. – Excavation of petroleum-impacted soil continues as part of an ongoing U.S. Army Corps of Engineers, Savannah District phased response action at the Buxton Naval Facility, a Formerly...

Contractor arrives, continues response action at Buxton FUDS property

9/20/2024 BUXTON, N.C. – The company contracted by the U.S. Army Corps of Engineers, Savannah District, arrived today at the former Buxton Naval Facility, a Formerly Used Defense Sites property, located within...

USACE deploys response team, awards contract to address conditions at Buxton Formerly Used Defense Site

9/13/2024 SAVANNAH, Ga. – The U.S. Army Corps of Engineers deployed a team earlier this week to the Former Buxton Naval Facility, a Formerly Used Defense Sites property located within Cape Hatteras National...

USACE to perform response action at Buxton FUDS

9/9/2024 SAVANNAH, Ga. – The U.S. Army Corps of Engineers will deploy a team this week to the Former Buxton Naval Facility, a Formerly Used Defense Site property located within Cape Hatteras National Seashore...

Commander gives latest Buxton FUDS property update at Dare County Meeting

14



Communicating change

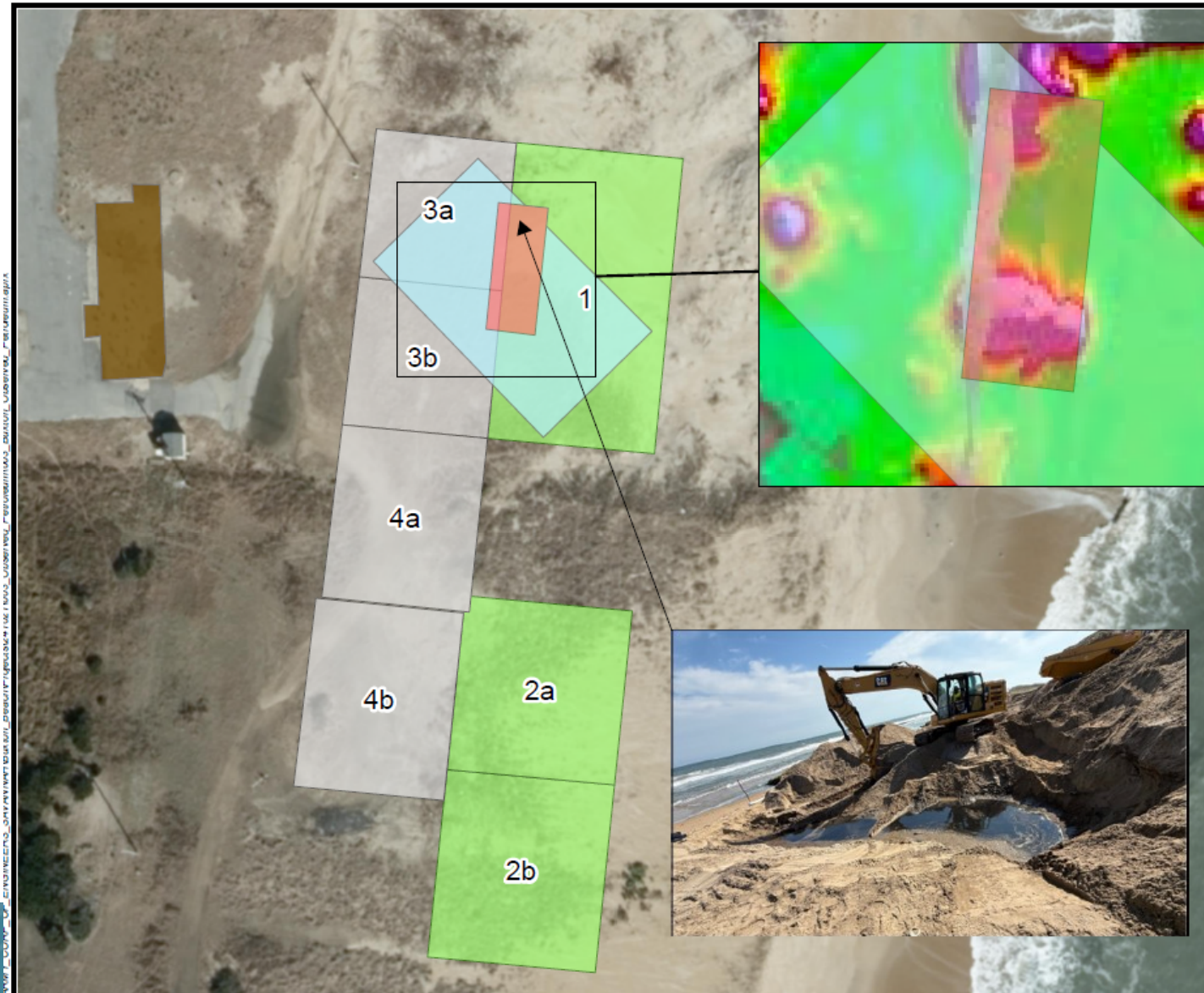


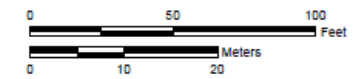
Figure 1
Observed Petroleum Impacts

Buxton Naval Facility IRA

Old Lighthouse Rd
Buxton, NC 27920

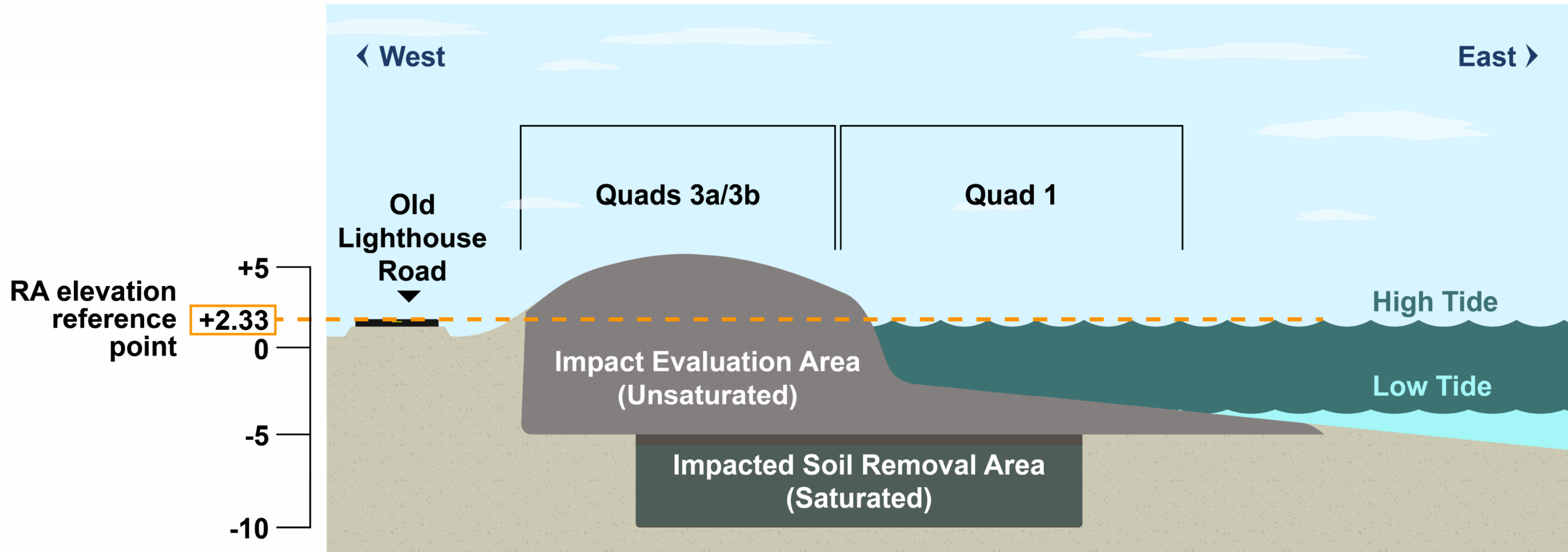


Map Projection: NAD 1983 StatePlane North Carolina
FIPS 3200 (US Feet)_1
Basemap: ESRI World Imagery WMS



- Septic Drainfield Area (approximate location)
- Observed Petroleum Area
- Proposed Excavation Area (awarded contract)
- Proposed Excavation Area (unawarded contract)
- Bldg 18

Conceptual Site Model



September 12







Controlling The Site

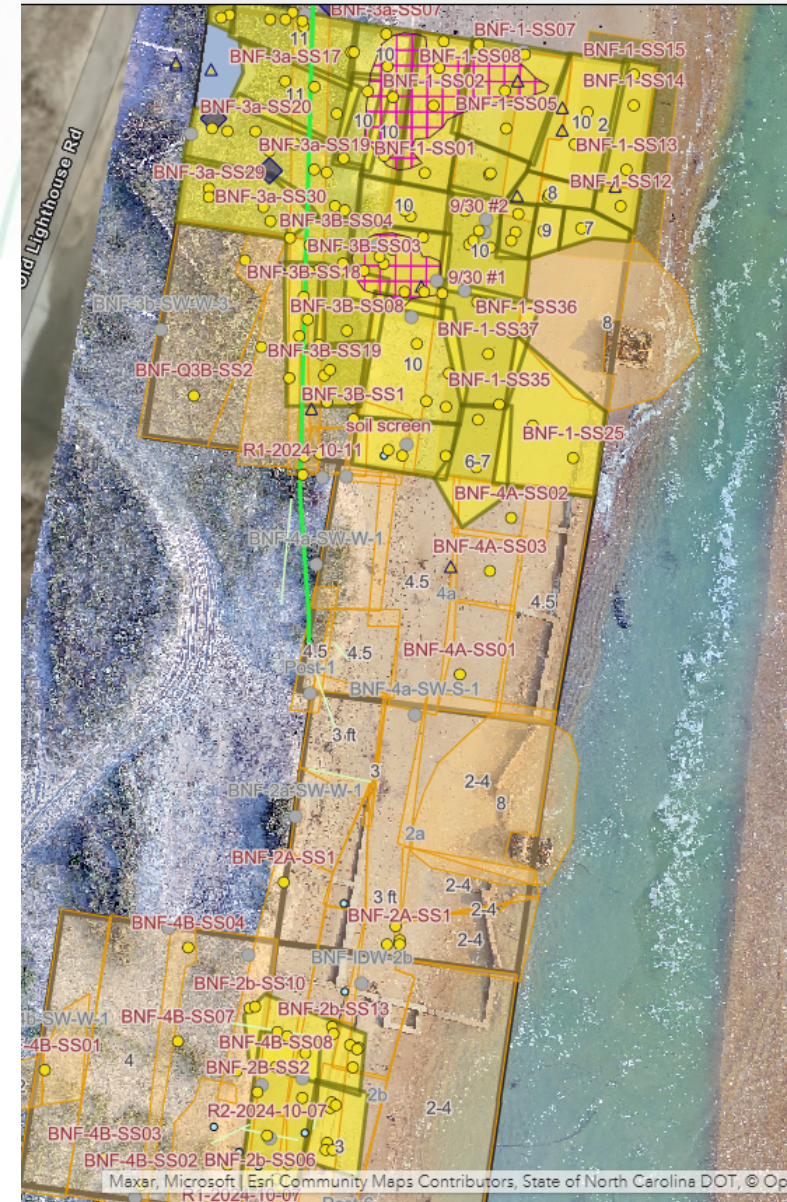




Are you Done?

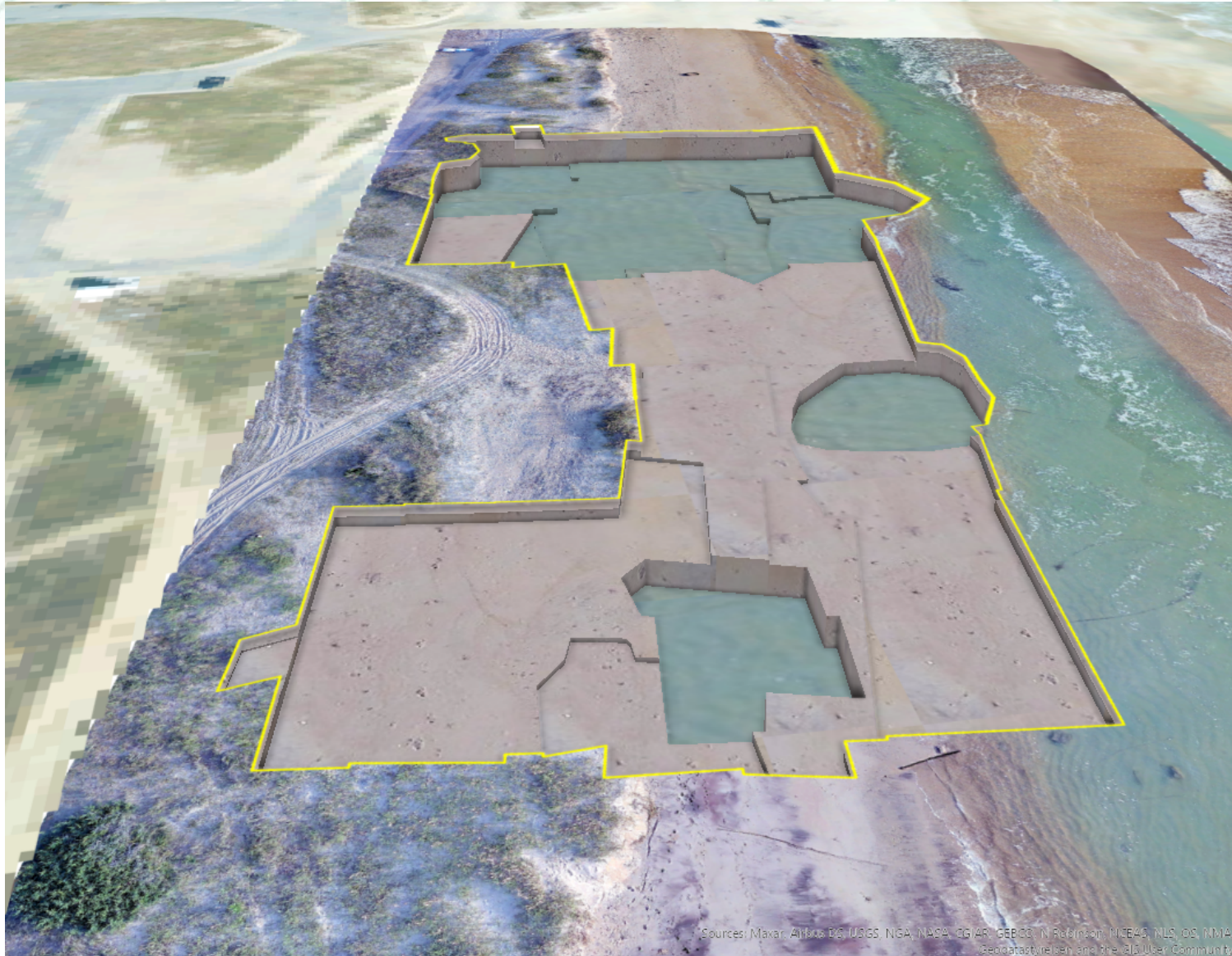


Buxton Beach Field Map









Sources: Maxar, Airbus DS, USGS, NOAA, NASA, CGAR, GEBCO, N. Robinson, MICEAS, NLS, OS, NMMA,
Reimagined by the GIS User Community



Dare County issues updated Public Health Advisory after Buxton Beach closure is reduced

January 1, 2025 | Seashore News | By: Joy Crist

