



Department of
Environmental
Conservation

Newtown Creek Upland Study

November 19, 2025

Study Objectives

- Identify potential upland sources of contamination
 - Property history, recognized environmental conditions, prior or current regulatory involvement
- Field observation and sampling
 - Identify discharges of contamination (e.g.; oil, sheen)
 - Groundwater seep sampling
 - Document shoreline conditions

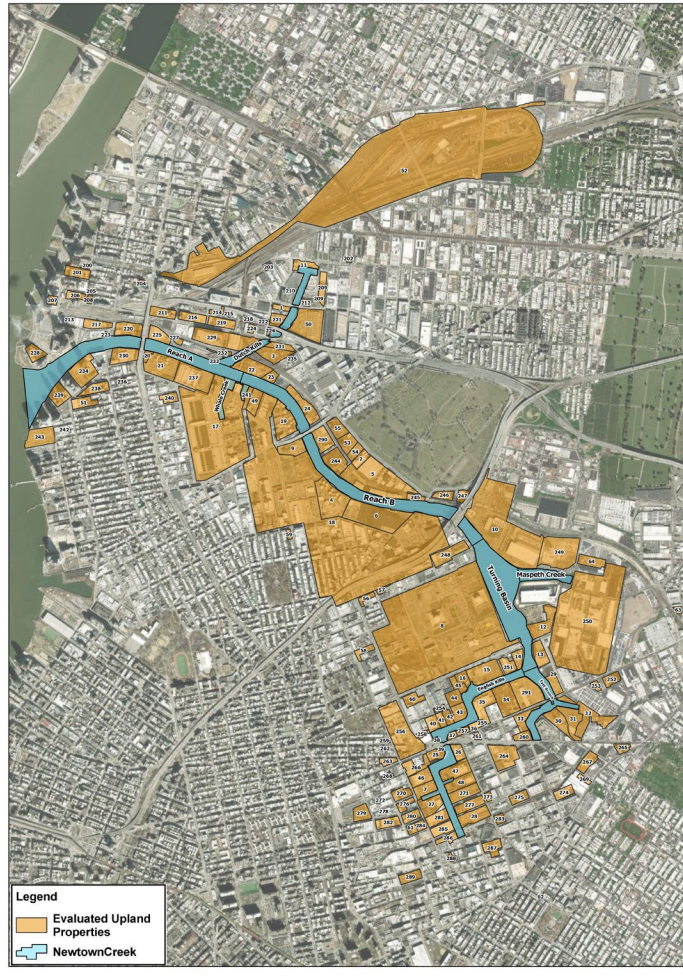


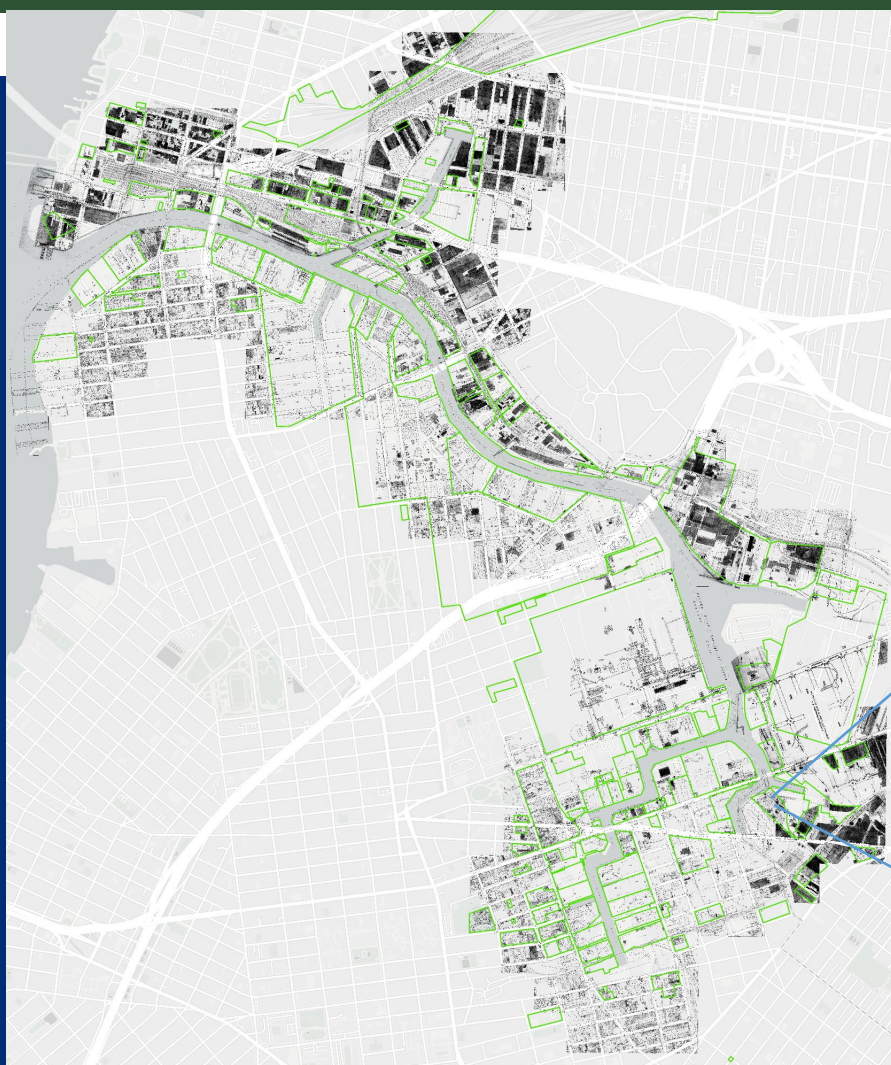
Using the Upland Study

- Evaluate and investigate properties identified as part of the Upland Study
- Incorporate upland properties into NYSDEC remedial program, as necessary
- Ensure all upland site remedies are protective of human health and the environment



Upland Properties Evaluated





East
Branch



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YORK
STATE
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EAST BRANCH CLOSE-UP



Properties of Interest Based on Paper Evaluation

Map ID	Property Name
3	28-90 Review Avenue Development
4	Kinder Morgan Terminal
5	Former Pratt Oil Works
6	Former Texaco Terminal/ Former Paragon Oil Terminal (Peerless)
8	K - Greenpoint MGP - Energy Center
9	460 Kingsland Avenue
10	Phelps Dodge Refining Corporation
11	NYCON Supply Corporation
13	Pebble Lane Associates
14	Empire Transit Mix
15	Former Ditmars Gulf Oil (Malu Properties)
16	B.C.F. Oil Refining, Inc.
17	NYC DEP WWTP
18	ExxonMobil Greenpoint Petroleum Remediation
19	Metro Terminal
21	Motiva Brooklyn Terminal
22	Hugo Neu Schnitzer
24	Getty Terminals Corp.
25	Bayside Fuel Oil Depot
26	Manhattan Poly Bag
27	Former Morgan Oil Terminal
28	123 Varick Ave
30	Maspeth Concrete Loading Corp (Tec-Crete)
31	46-81 Metropolitan Ave
36	Consolidated Carpet Trade Workroom, Inc.
46	Rolling Frito Lay SAL
51	Former NuHart Plastic Manufacturing
52	Amtrak Sunnyside Yard
54	QUANTA Resources (Review Ave. Development II)
217	5-33 54th Avenue and multiple properties on 54th Avenue
220	10-26 53rd Ave
229	23-30 Borden Avenue Development Site and properties on Borden Avenue and 27th Street
230	23 Ash St
234	New York Transit System
237	Sicilian Asphalt Paving Co
244	NYC Transit System - Bus Garage
244	37-90 Railroad Ave
250	Alcoa / US Naval Site
256	318 Morgan Ave and multiple properties on Morgan Avenue and Vandervoort Avenue
260	1301 Metropolitan Avenue
290	NY PAVING COMPANY



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Field Work



In Creek Work

Three Seasons of Field Events (2021, 2022, and 2023)

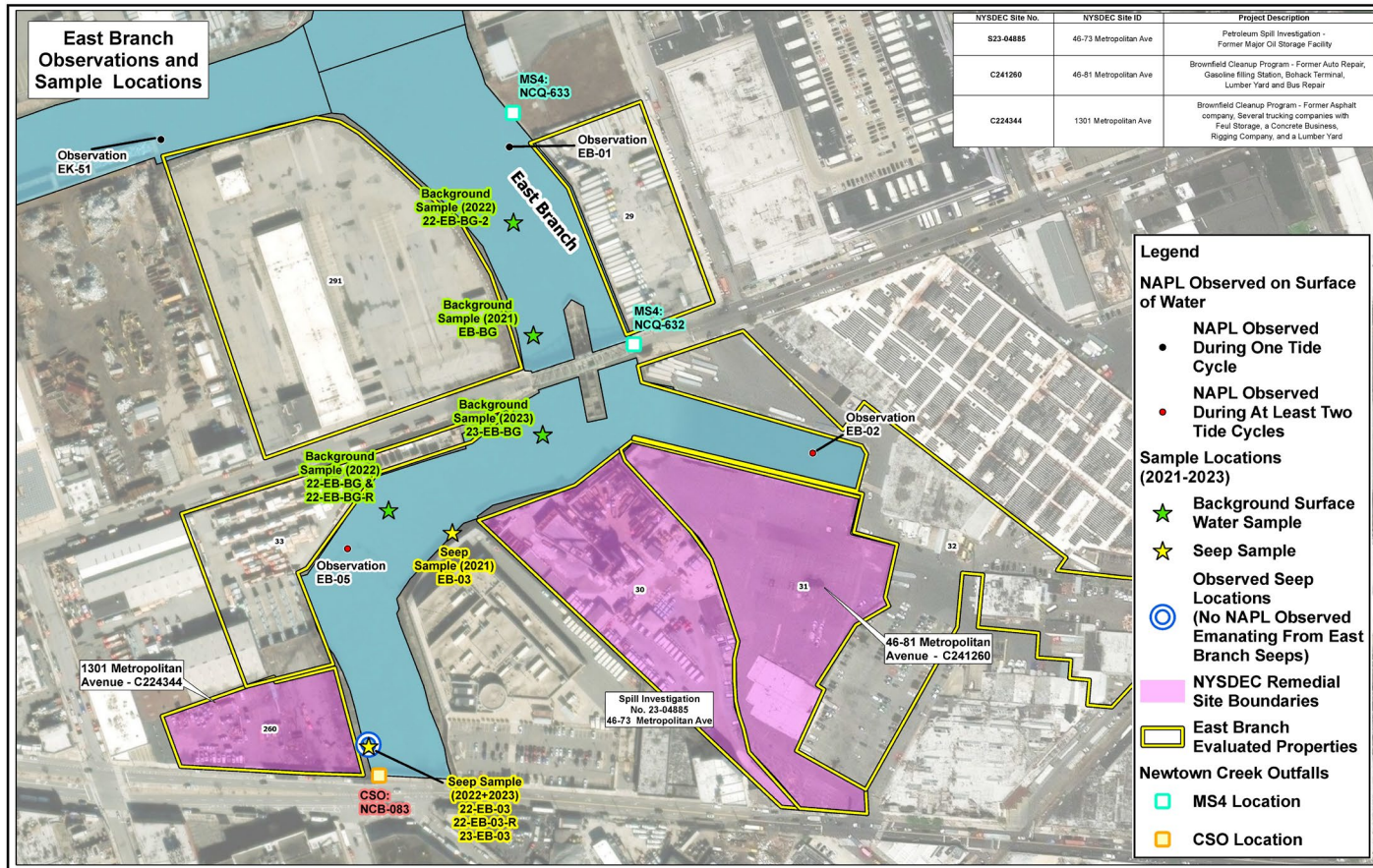
- Visual Shoreline Assessment/Survey at Low Tide [Spring Tide]
- Groundwater Seep Assessment from Shoreline or Bulkhead
 - Thermal Imaging
 - Environmental Sampling
- Documentation and Sampling of Surface Water NAPL or Sheen



East Branch Results







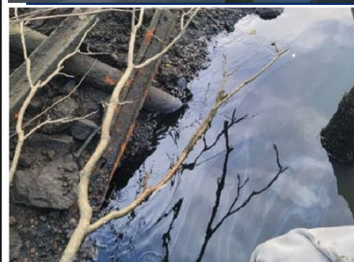
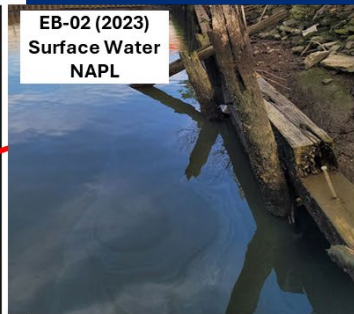
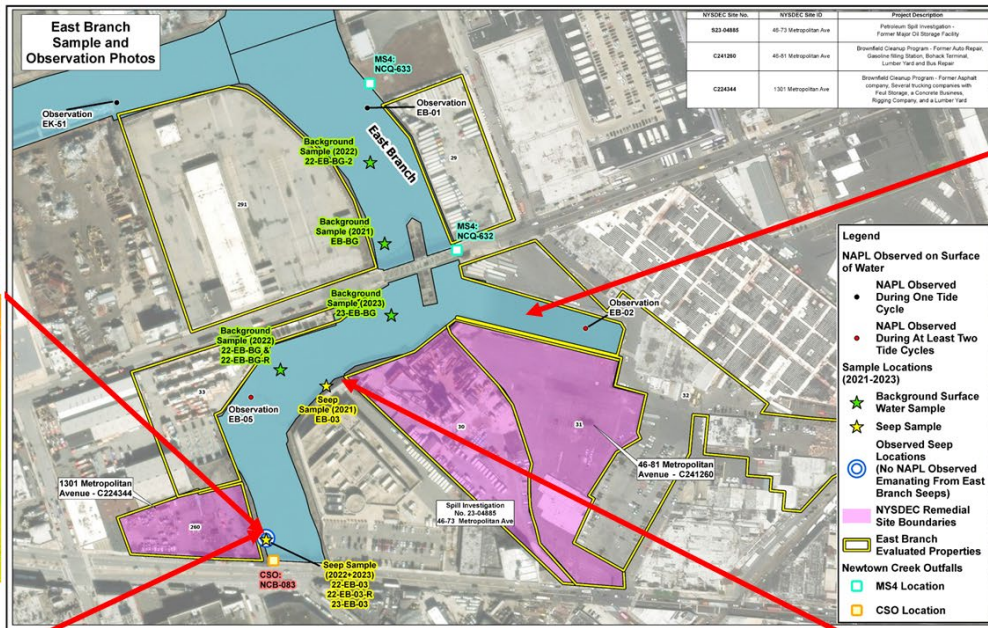
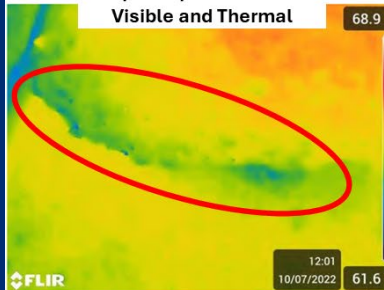
Shoreline and Seep Evaluation



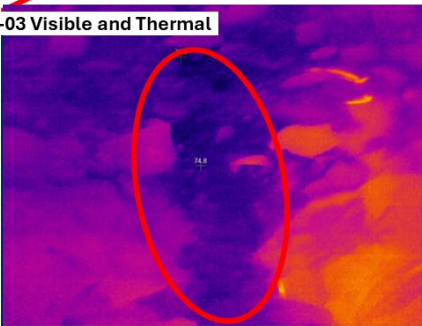
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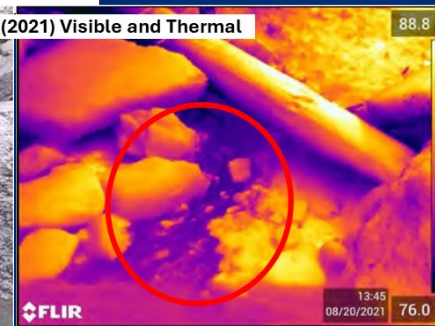
Seep Sample-22-EB-03/R
Visible and Thermal

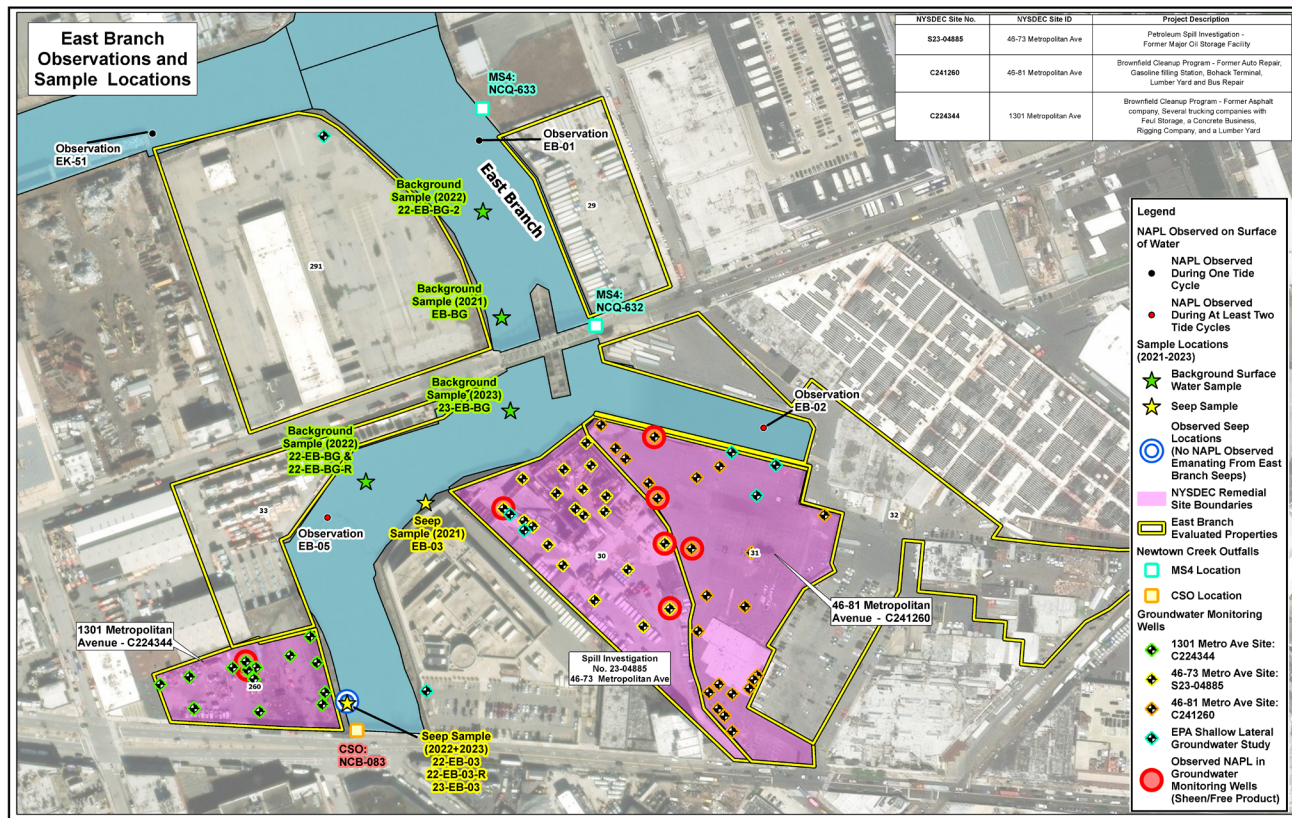


Seep Sample-23-EB-03 Visible and Thermal



Seep Sample- EB-03 (2021) Visible and Thermal





Upland NAPL



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1301 Metropolitan Avenue (C224344)

Brownfield Cleanup Program

- RI Complete
- IRM
 - LNAPL Removal
 - Outfall Assessment and Abandonment
 - Stormwater Drywell Cleanout
 - UST Grave Assessment: confirmed removal and no impacts
- RAWP: Draft under review. Anticipate Track 4 Clean Up.



46-81 Metropolitan Avenue

Brownfield Cleanup Program

- RI Complete
- IRM
 - SSDS
- RAWP: In Development



46-73 Metropolitan Ave

Spill Site

- Initial Spill Investigation: Field Work Complete
- Spill Investigation Report: In Development
- Required: Additional Investigation and Remediation



Thank You

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