



Department of
Environmental
Conservation

Newtown Creek Uplands Update to the NPL Site Community Advisory Group

NYS Site Number: 241117

Site Location: Brooklyn/Queens, NY

July 15, 2020

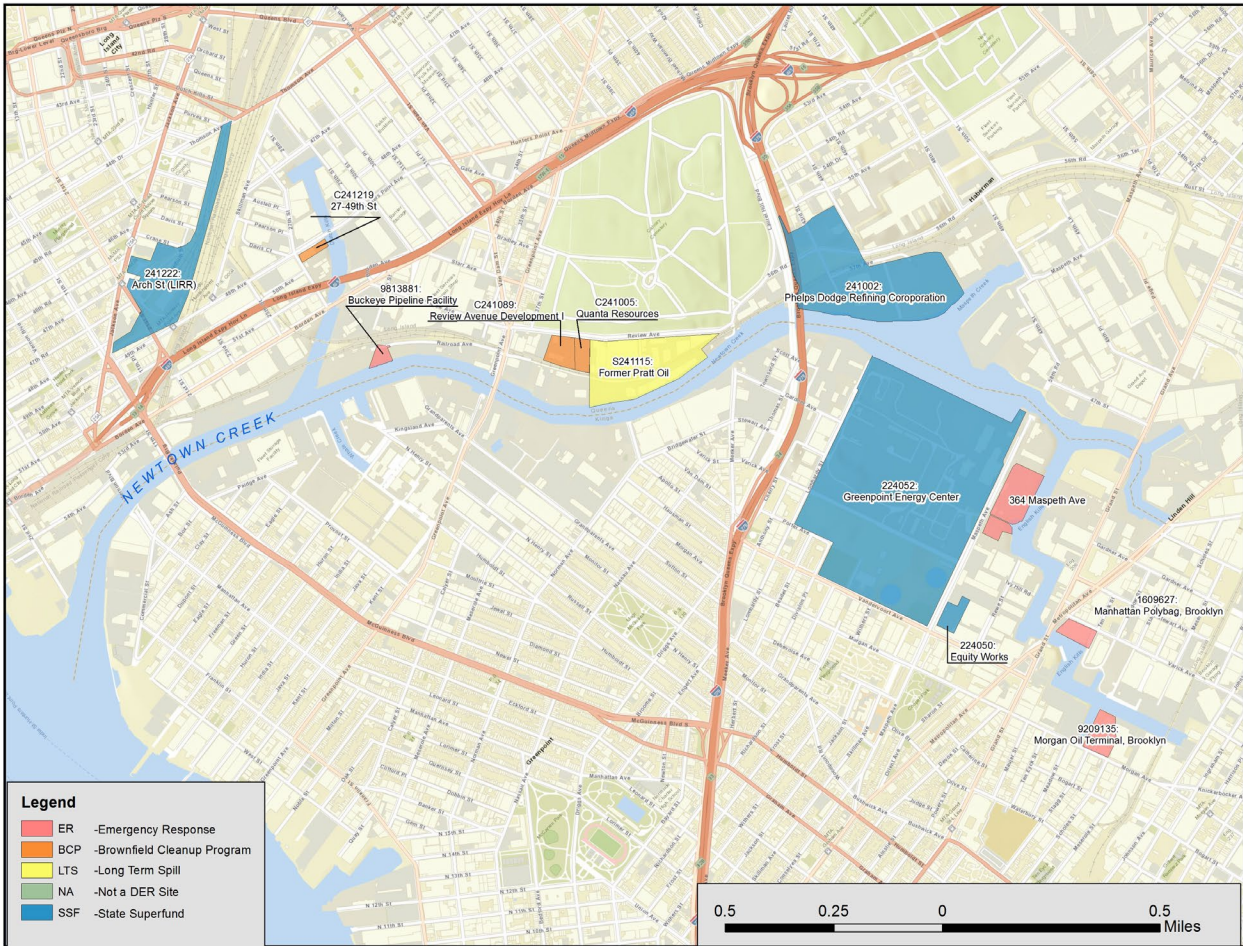
Update Agenda

- Specific Projects:
 - 27-10 49th St (C241219)
 - Buckeye Pipeline (9813881)
 - Pratt Oil Works (S141115)
 - Quanta Resources (C241005)
 - Phelps Dodge (241002)
 - National Grid (GPEC, 224052 & Equity Works, 224050)
 - Manhattan Polybag (1609627)
 - 200 Morgan Ave (9209135)



Update Agenda

- Newtown Creek Upland Process
- Newtown Creek OU3 Proposal



New York State
Department of Environmental
Conservation

Division of
Environmental Remediation

Locations of NYSDEC
Newtown Creek Upland
Remediation Sites

DRAFT

Map Details
Created in ArcGIS 10
Date of Last Revision:
12.09.2016

UNAUTHORIZED DUPLICATION IS A
VIOLATION OF APPLICABLE LAWS



North American Datum 1983
UTM Zone 18

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27-10 49th St. – C241219

RI Phase

- Former Warehouse/Offices (Industrial zoning)
- Chlorinated Solvent Contamination (PCE/TCE in Soil Vapor)
- Interim Remedial Measure implemented (constructed).
- Subslab Depressurization System & Soil vapor Extraction (SDS & SVE)
- Final Engineering Report Required (Pending as of 7/20)



Buckeye Pipeline – 9813881

RA Phase

- Pipeline Control Facility and Relief Tank
- Historic Gasoline Spill with NAPL
- Soil and Groundwater Impacts
- Soil Excavation (2014)



Buckeye Pipeline – 9813881

RA Phase

- **Monitoring Program in Place**
(No NAPL observed since July 2019)
- **Hard and Soft Booms in Place and Maintained**
- **Injections of PetroFix to address dissolved phase contaminants ***



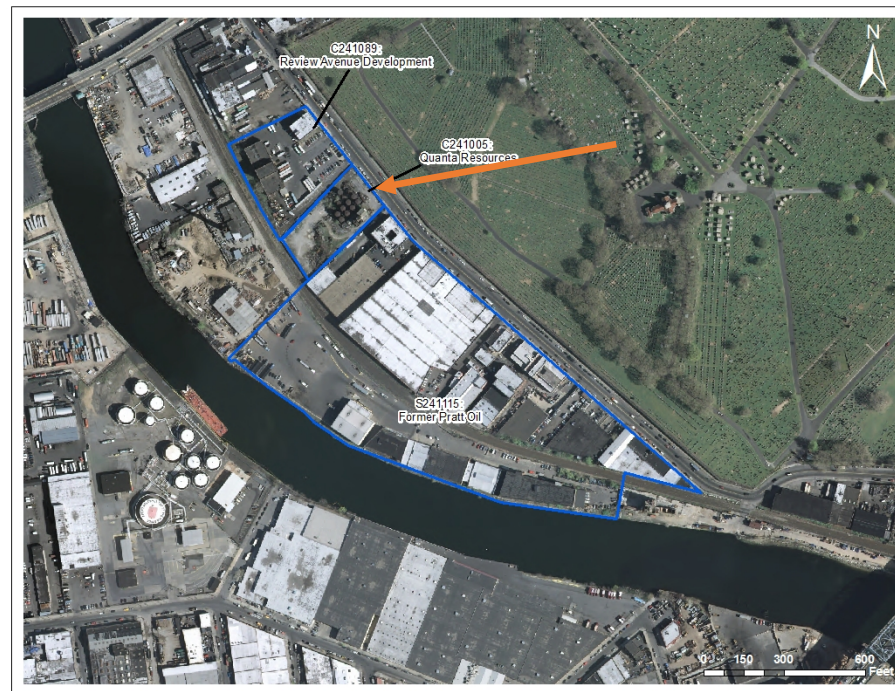
* New from 2019



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Quanta Resources – C241005 RA/ISM Phase

- Varied Historical Uses Including Petroleum Refining/Storage and Chemical Manufacturing
- Soil and Groundwater Impacts
- Automated NAPL Recovery Occurring (411,000 gallons recovered)
- Site-wide Cover in Place
- Clean-Up and Reporting will Continue

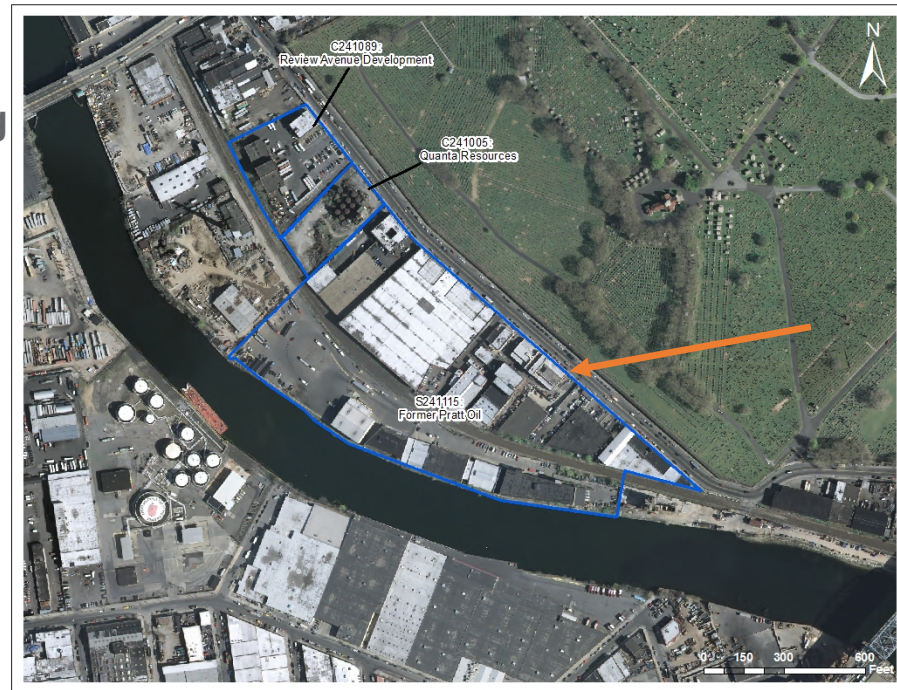


Pratt Oil – S241115

RA/ISM Phase

- Varied Historical Uses Including Petroleum Refining/Storage & Chemical Manufacturing
- Soil and Groundwater Impacts from NAPL
- Limited VOC Impacts to Groundwater
- Automated NAPL Recovery Occurring (125,000 gallons recovered)
- Hard Booms in Place and Maintained
- Additional Bulkhead Installed *
- RA and Reporting will Continue
- SVE Systems Operational to Remove VOCs
- Decision Document Signed. Requires Additional NAPL Recovery *

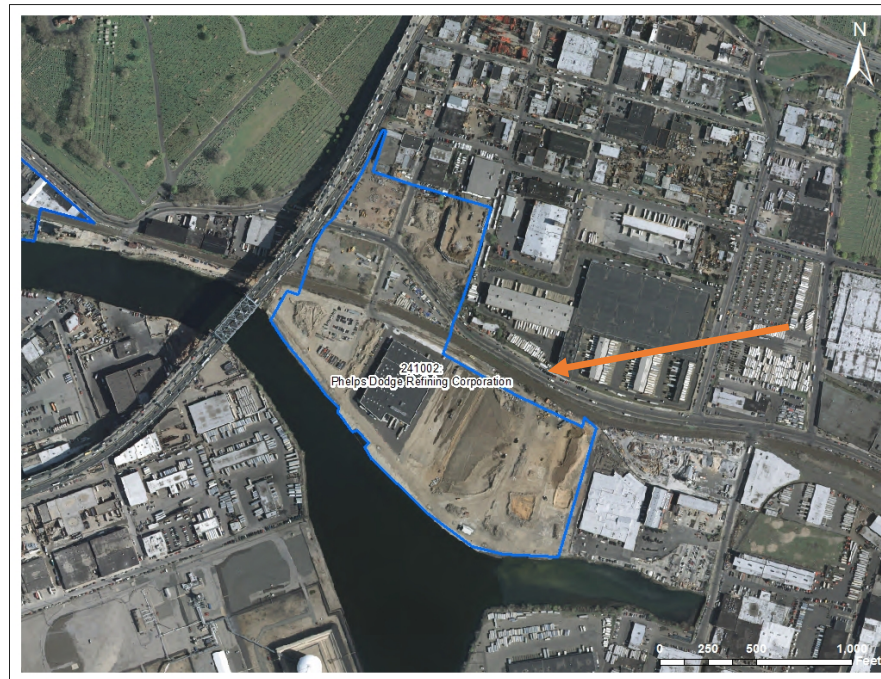
* New from 2019



PhelpsDodge – 241002

RA/ISM Phase

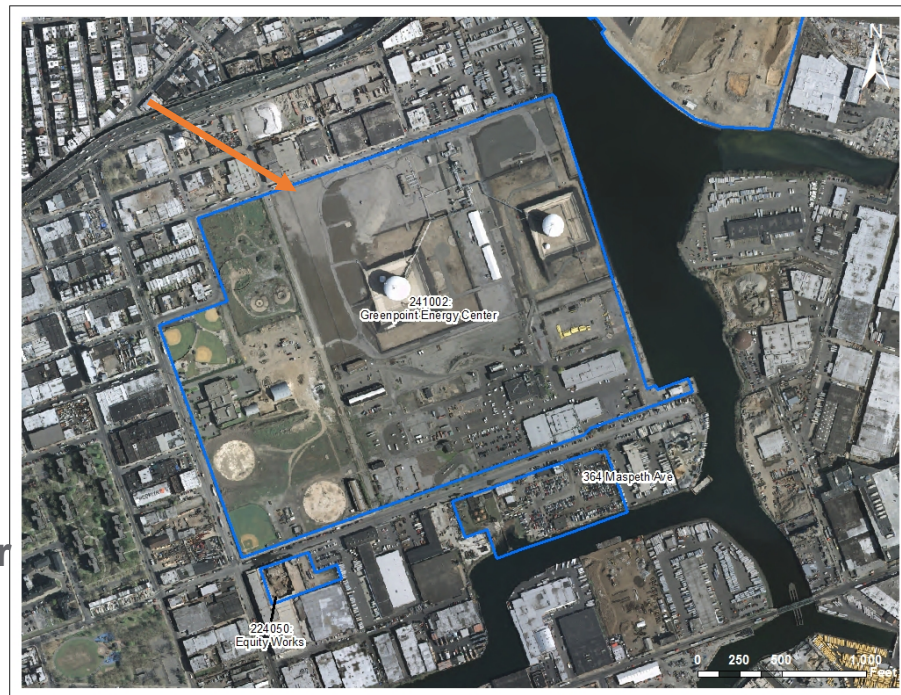
- Formerly the Location of a Copper Refinery
- Remedy Complete/SMP Approved/FER Submission Pending
- Remedy Includes:
 - Groundwater Treatment for Inorganics
 - Cutoff Wall (2006)
 - Cover
 - Monitoring (groundwater)
 - Easements
- RA and Reporting will Continue
- Construction Completion Report Needed (due to construction of over site K-Bridge)



Greenpoint EC – 224052

RI Phase

- Formerly the Location of a Large MGP
- COC's include:
 - Light Hydrocarbons (BTEX)
 - Semivolatile Organics (PAHs)
 - PCBs (in Groundwater)
 - MGP Waste in the Form of NAPL Below Groundwater Table
- DRAFT RI Received – January 2020 *
- UST & Contaminated Soil Removal to Occur 2020 *



* New from 2019



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Equity Works – 224050

RI Phase

- Formerly the Location of a Small MGP
- Soil and Groundwater Impacted by MGP Waste
- IRMs Include Excavation and Ongoing NAPL Recovery (> 22,000 Gallons to Date)
- IRM Work Plan Approved:
 - In-situ Stabilization (ISS, Design Underway)

- <https://gisservices.dec.ny.gov/gis/dil/index.html?rs=224050>



Manhattan Polybag – 1609627 Active Spill

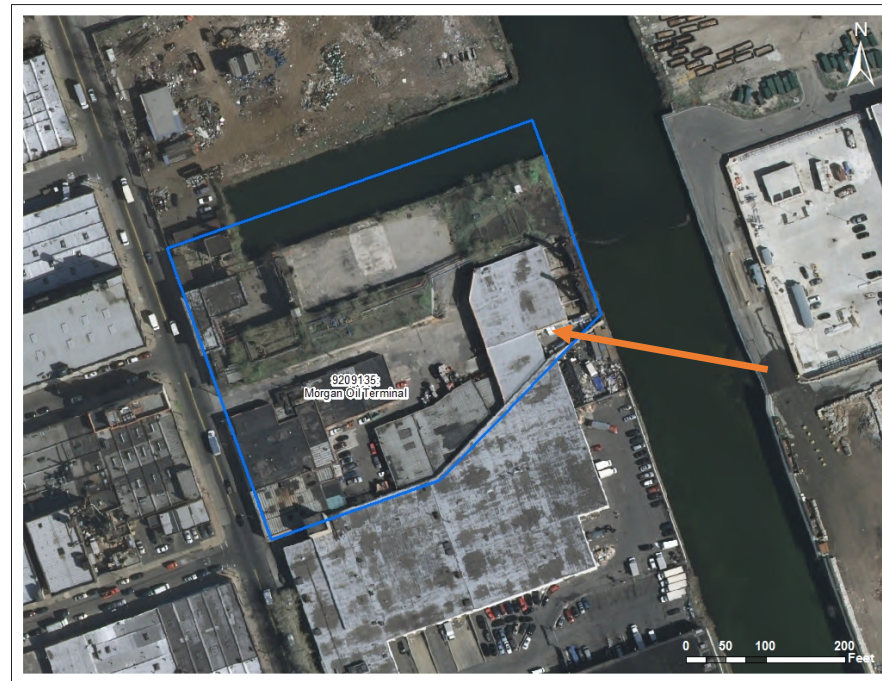
- Heavy Industrial Area
- Formerly Located Oil Refinery to the West
- Soil & Groundwater Impacted (Heating Oil)
- Remedial Actions Include:
 - Soil Excavation
 - Oil Tank Removal
 - Active NAPL Recovery Ongoing (< 100 gal recovered)
- NAPL Continues to Migrate to Surface Water
- Sorbent Booms in Place



200 Morgan Ave – 9209135

Active Spill

- Formerly the Location of a MOSF
- Concrete Operating Plant On-Site
- Soil & Groundwater Impacted (Fuel Oil)
- Sheens of NAPL Migrating to Surface Water
- Remedial Actions Include:
 - Soil Excavation
 - Oil Tank Removal
 - NAPL Recovery
- Additional Work in 2019/2020
 - Additional Wells
 - Vacuum Recovery of NAPL

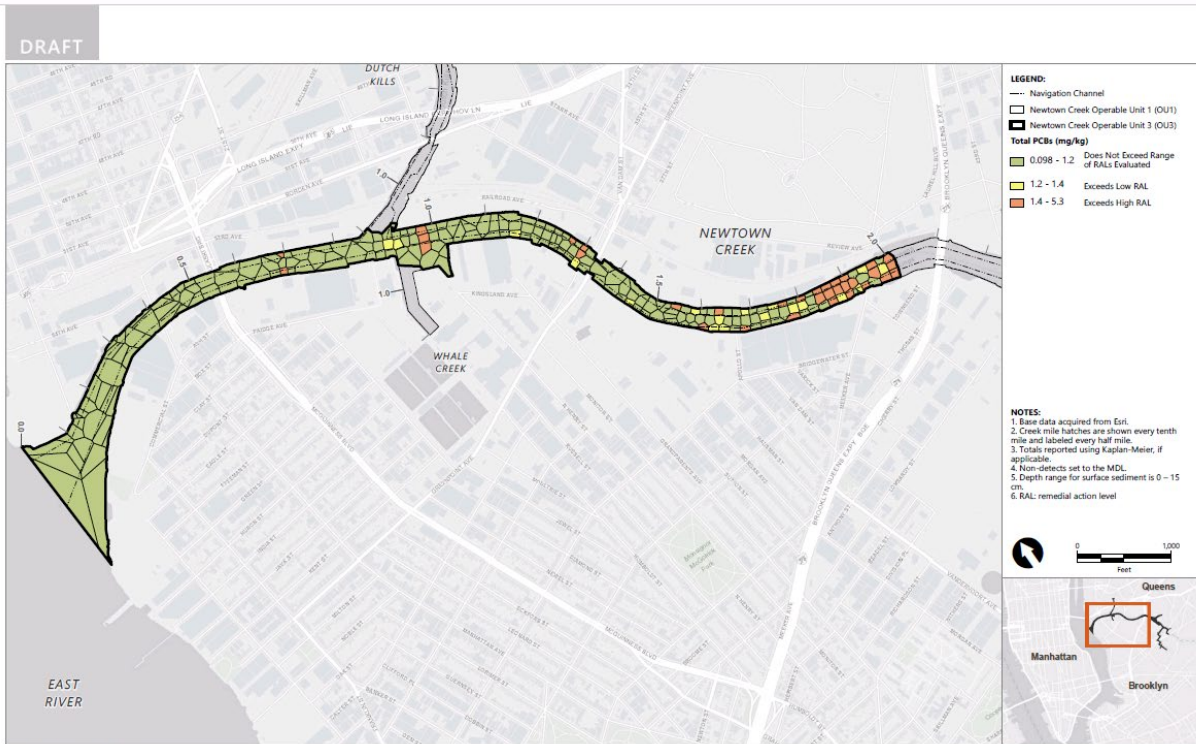


Newtown Creek Upland Process

- **NYS Currently has Lead on All Upland Sites**
- **Upland Sites Could be Considered “Facilities” Under CERCLA or Components of the Newtown Creek NPL Site**
- **EPA and DEC’s Objective is to Ensure Uplands are not Sources of COCs Upon Remedy Implementation**
 - **Remains under consideration how this is best achieved**
 - **Potential Paths Include:**
 - **State-led site review**
 - **In-field activities**
 - **Reporting of Findings**



Newtown Creek Early Action Proposal



Publish Date: 2025/07/16 9:11 AM | User: julian
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Newtown Creek Early Action Proposal

- Doesn't Fully Address Observed Benthic Toxicity
- Some COP Concentrations Increase from CM-0 to CM-2 in Surface Sediment
 - Contaminant Sources not Identified
 - Transport Mechanism not Identified in Draft FFS but likely:
 - mixing of upstream and downstream sediment
 - deposition of upstream contaminant releases
- OU-03 Early Action Should not Impede Progress on OU-01



Contact Information

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DEC's Interactive Mapper - DECinfo Locator:

<https://gisservices.dec.ny.gov/gis/dil/>



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