

Hackensack River

Jersey City
Properties

Former Roosevelt
Drive-In Site

Kellogg Street
Properties

Route 440

June 26, 2013

Public Meeting Kellogg Street and Jersey City Properties Cleanup

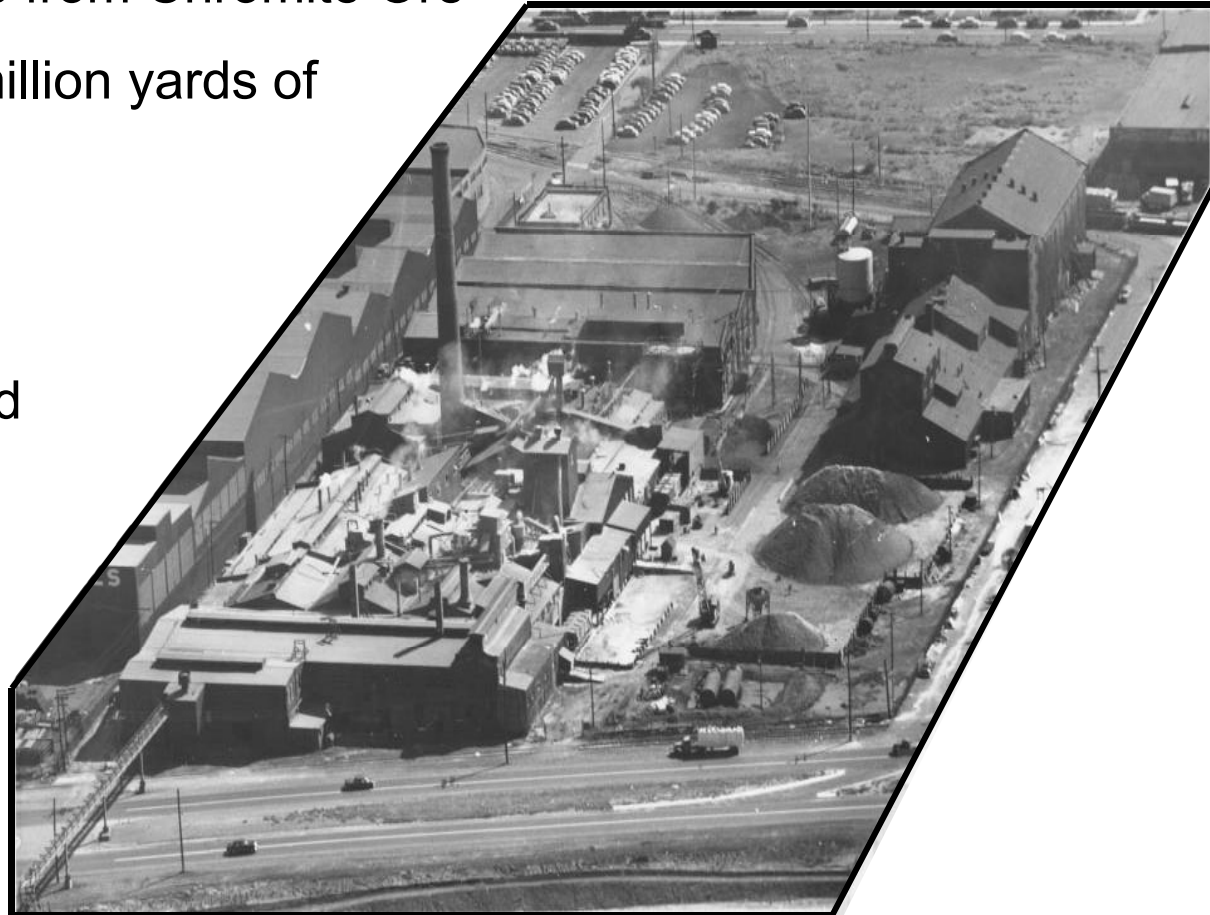
Honeywell

Overview

- History of Chrome Production in Jersey City
- Investigation Summary
- Cleanup of JCIA/ DPW/ MUA and Kellogg Street Properties
- Protecting Health and Safety
- Truck Route
- Schedule

Mutual Chemical Company 1910 to 1954

- Produced Chromate from Chromite Ore
- Generated over 1 million yards of residue (COPR)
- Acquired by Allied Chemical in 1954
- Allied Signal merged with Honeywell in 1999



Soil Sampling Investigation



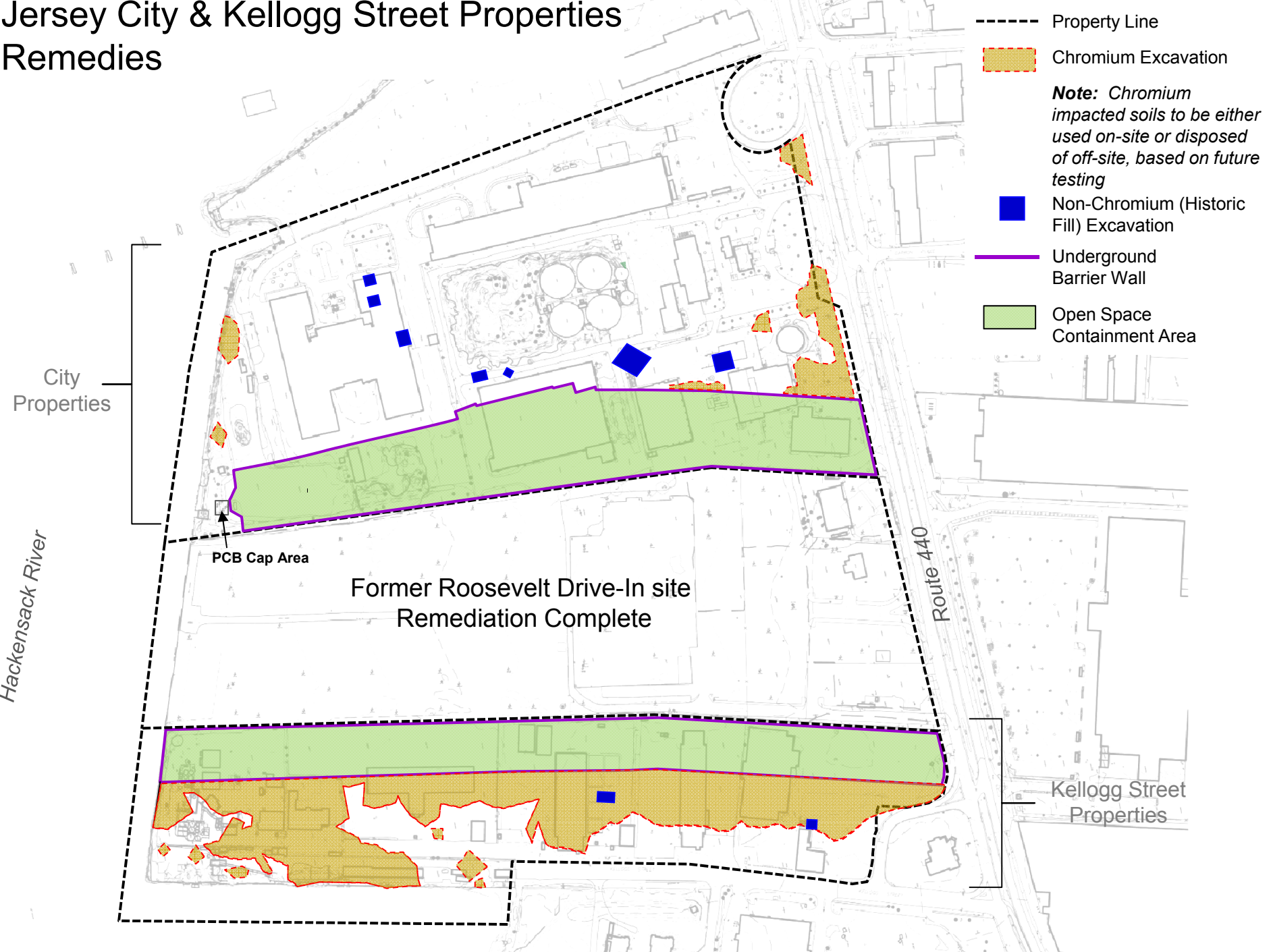
Groundwater Investigation



Jersey City & Kellogg Street Properties Remedies



Jersey City & Kellogg Street Properties Remedies



Air Monitoring

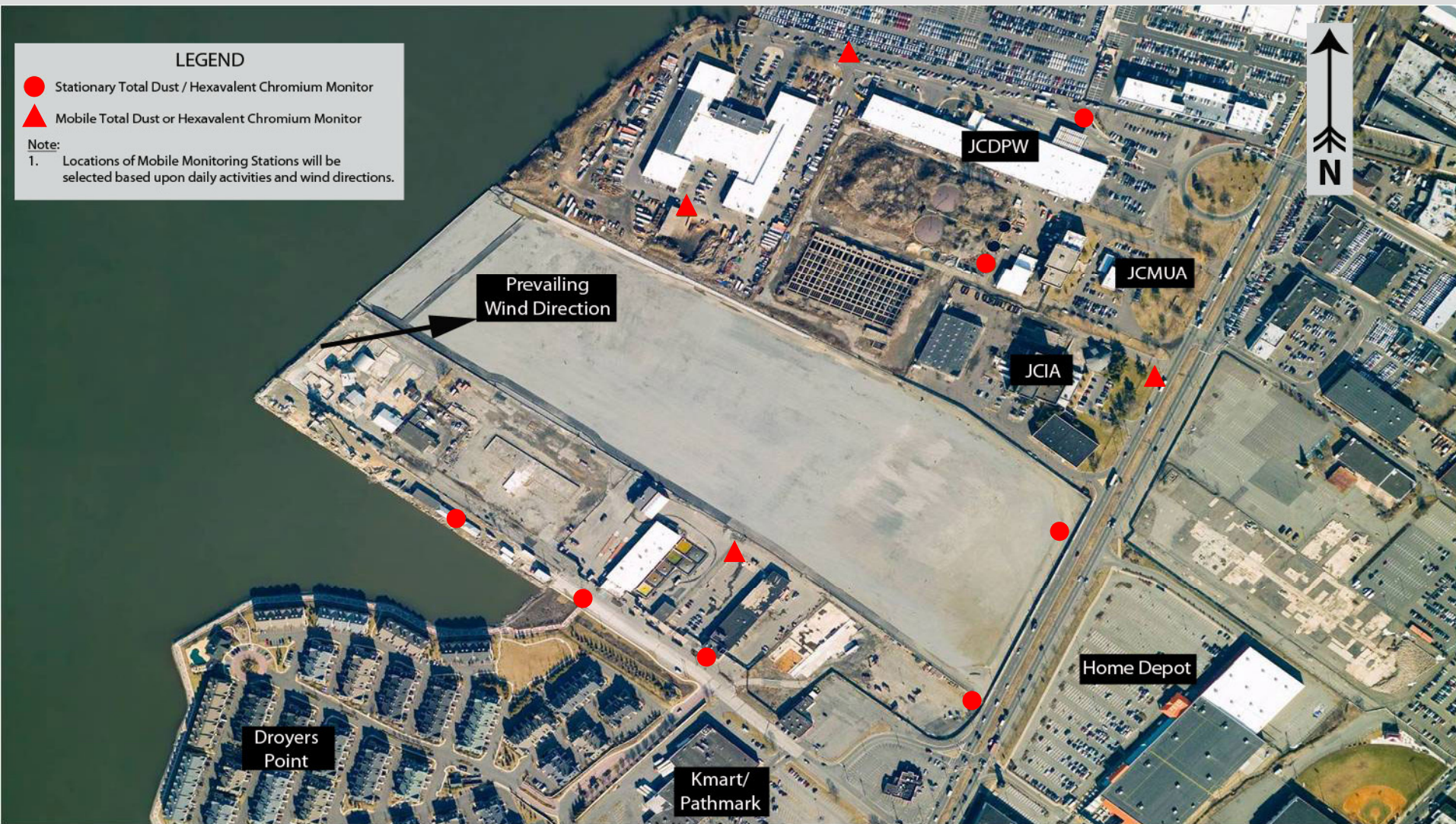
LEGEND

● Stationary Total Dust / Hexavalent Chromium Monitor

▲ Mobile Total Dust or Hexavalent Chromium Monitor

Note:

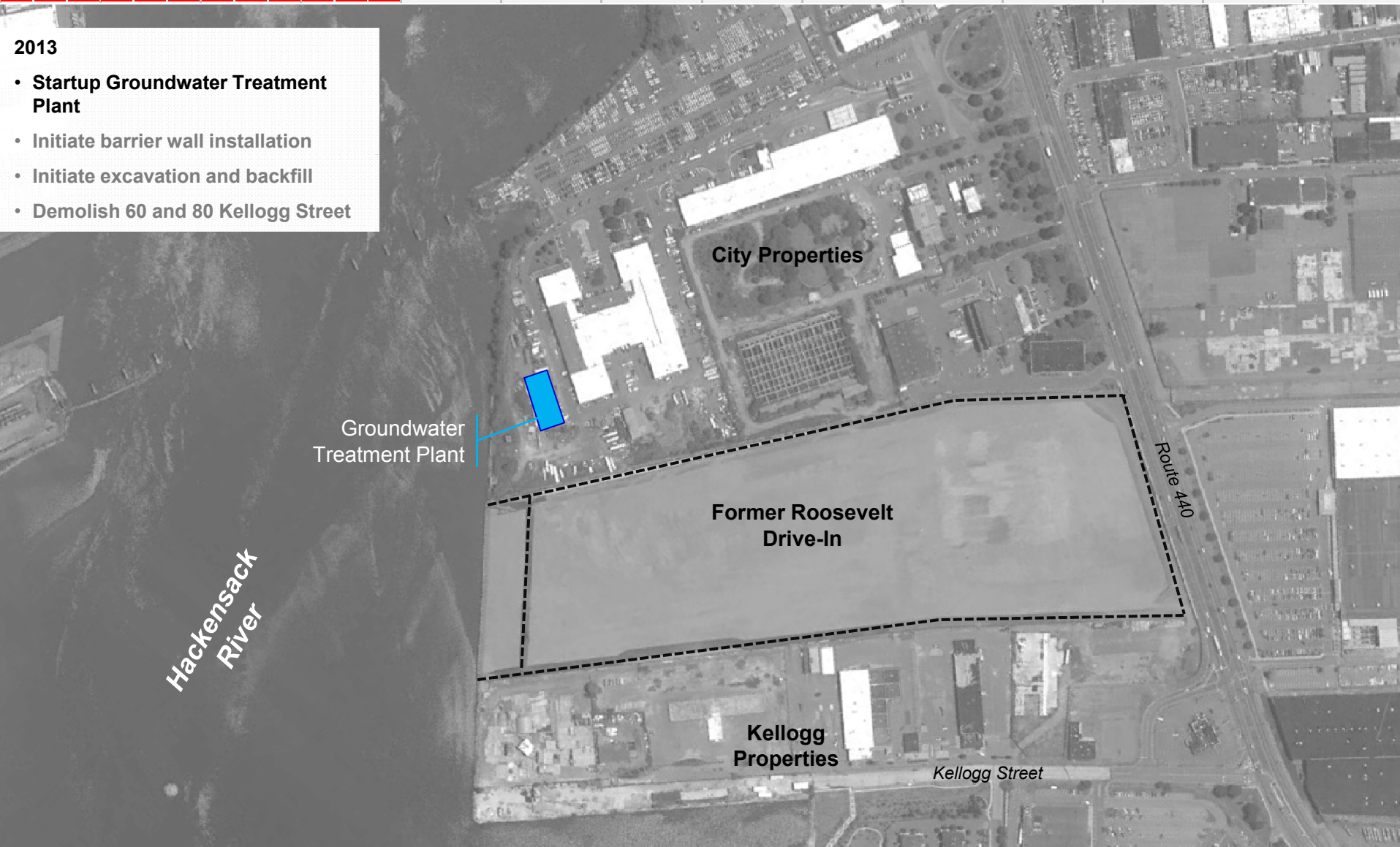
1. Locations of Mobile Monitoring Stations will be selected based upon daily activities and wind directions.



2013												2014												2015												2016					
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2013

- **Startup Groundwater Treatment Plant**
- Initiate barrier wall installation
- Initiate excavation and backfill
- Demolish 60 and 80 Kellogg Street



--- Barrier Wall (existing)
 --- Barrier Wall (new)

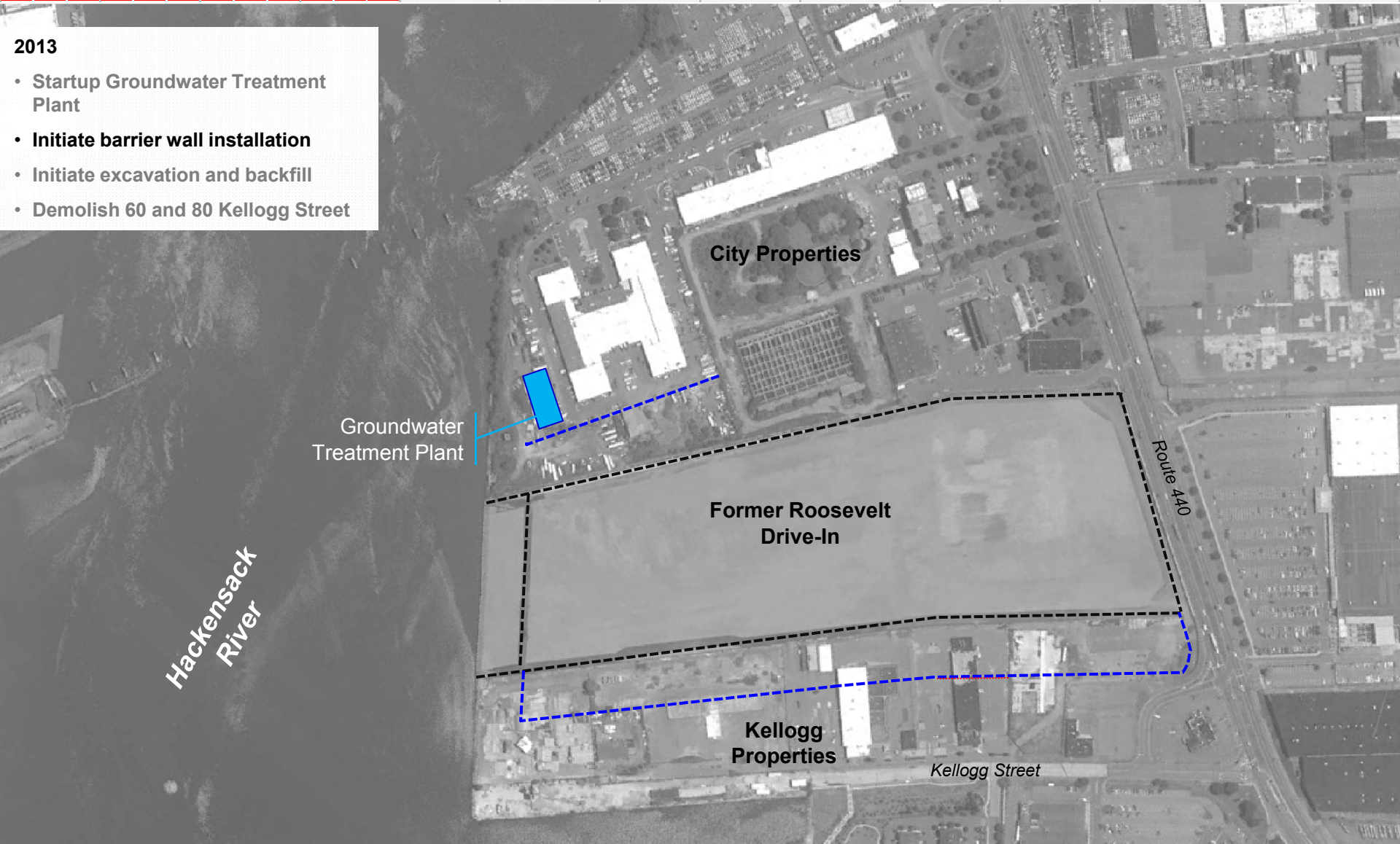
Demolition

Excavation and Backfill

Liner

Restoration: Seeded

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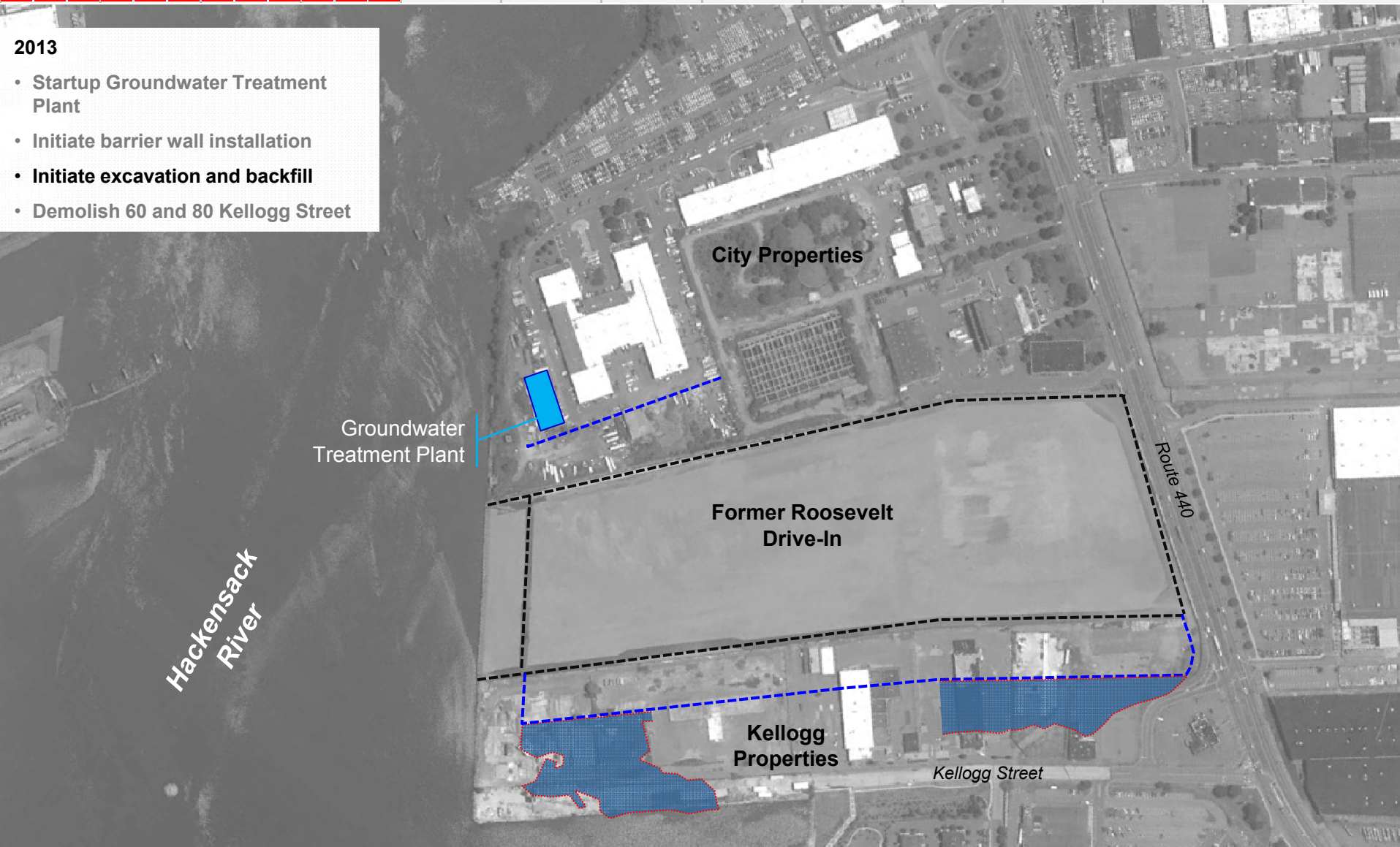
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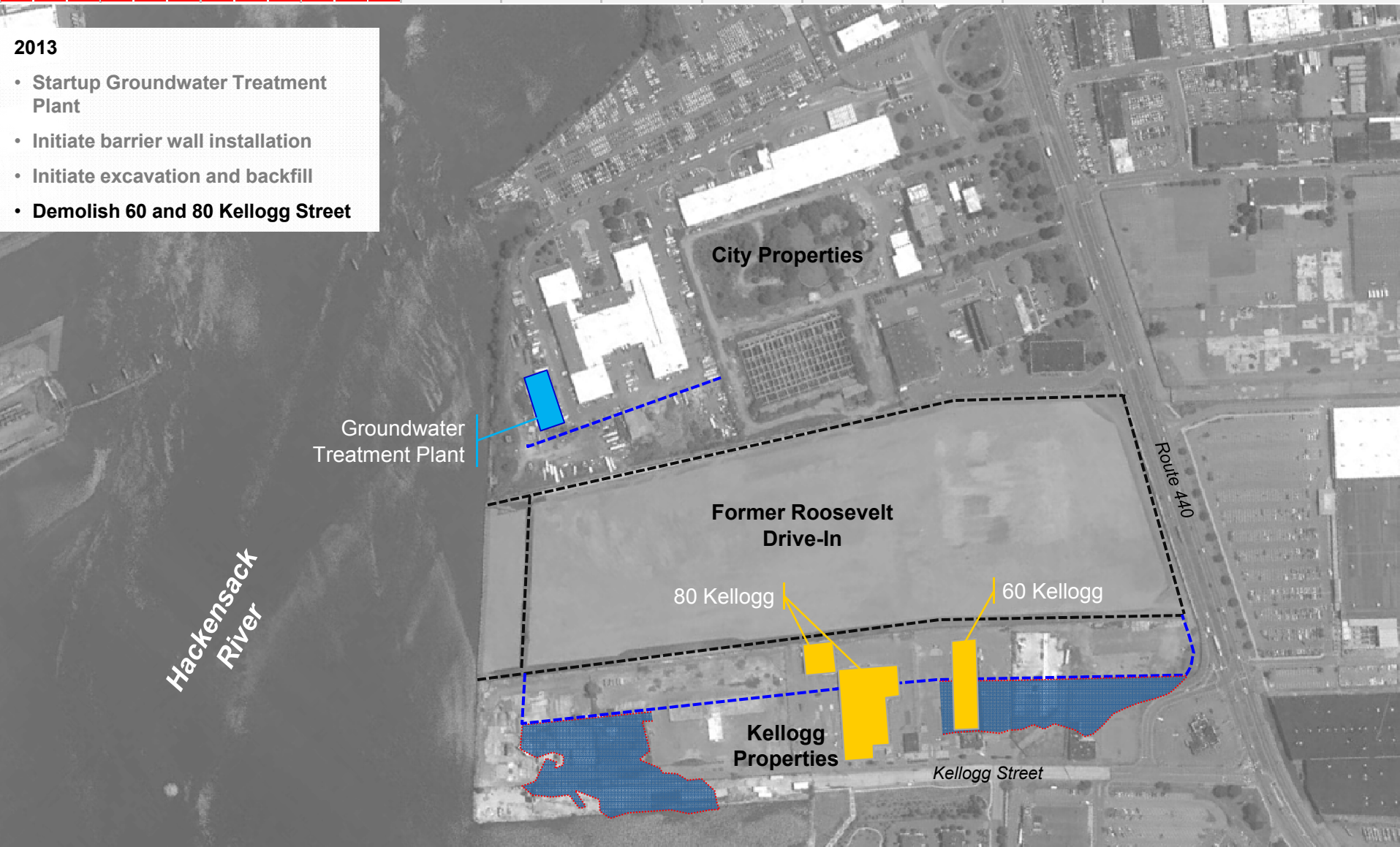
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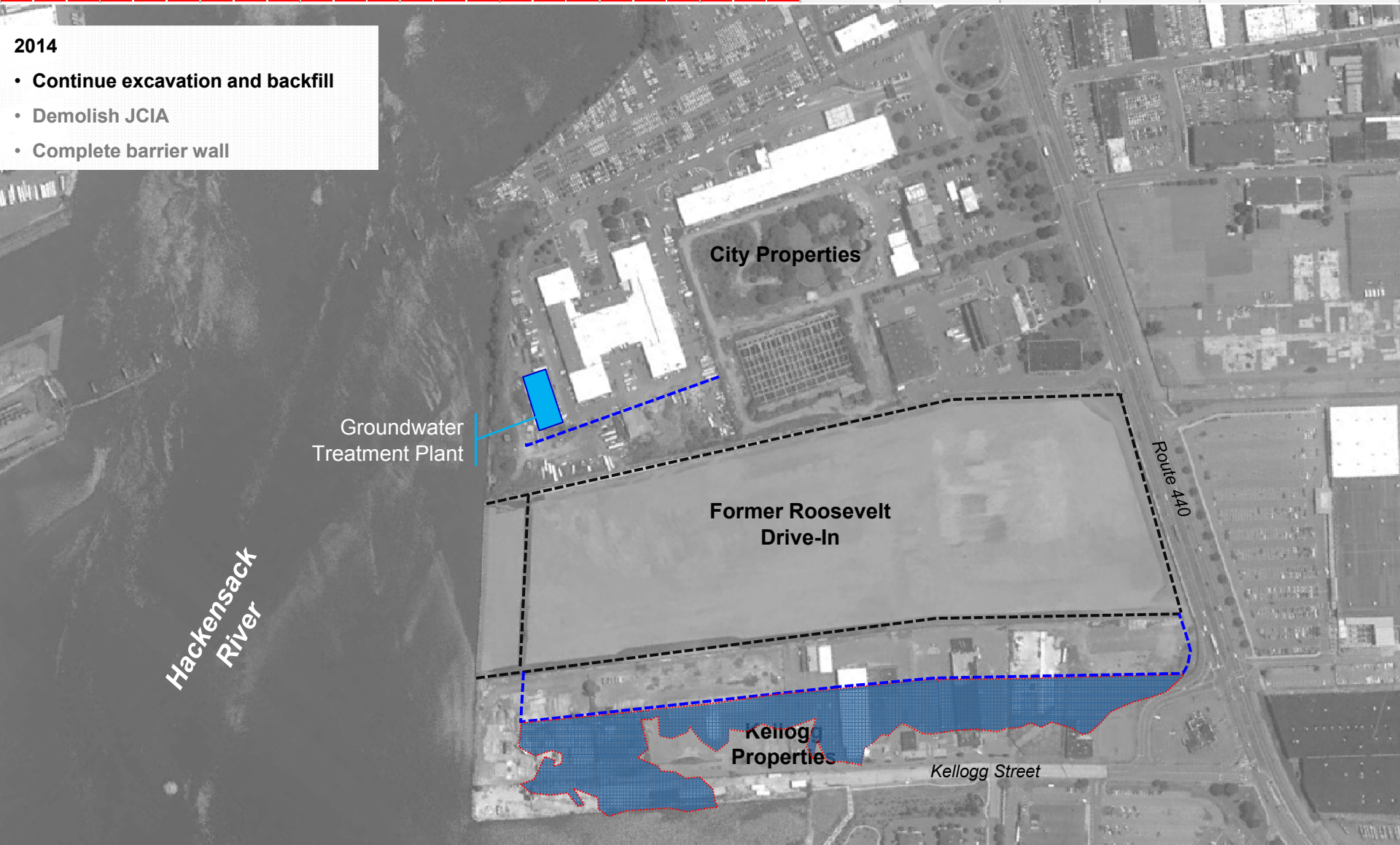
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2014

- Continue excavation and backfill
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- Complete barrier wall



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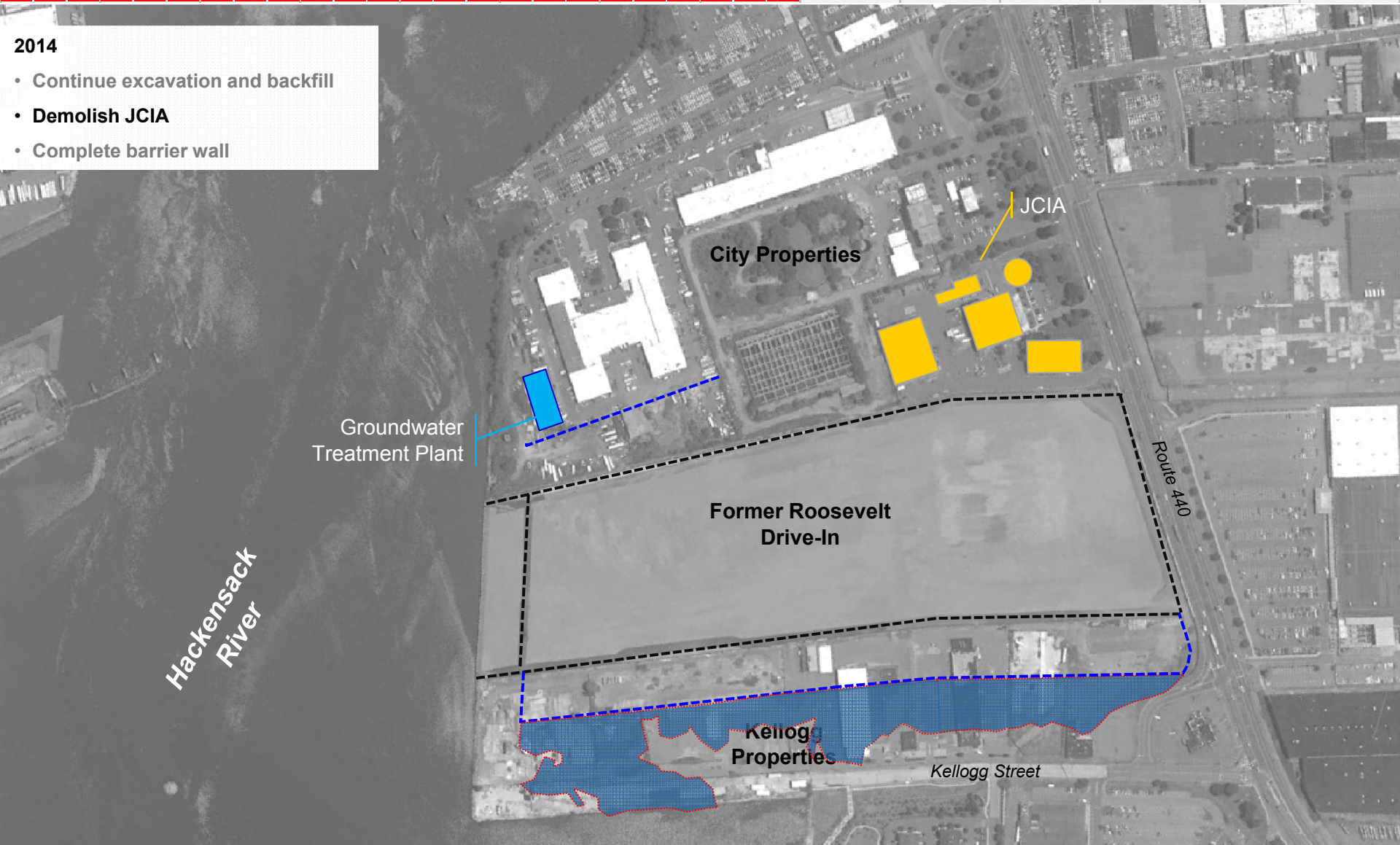
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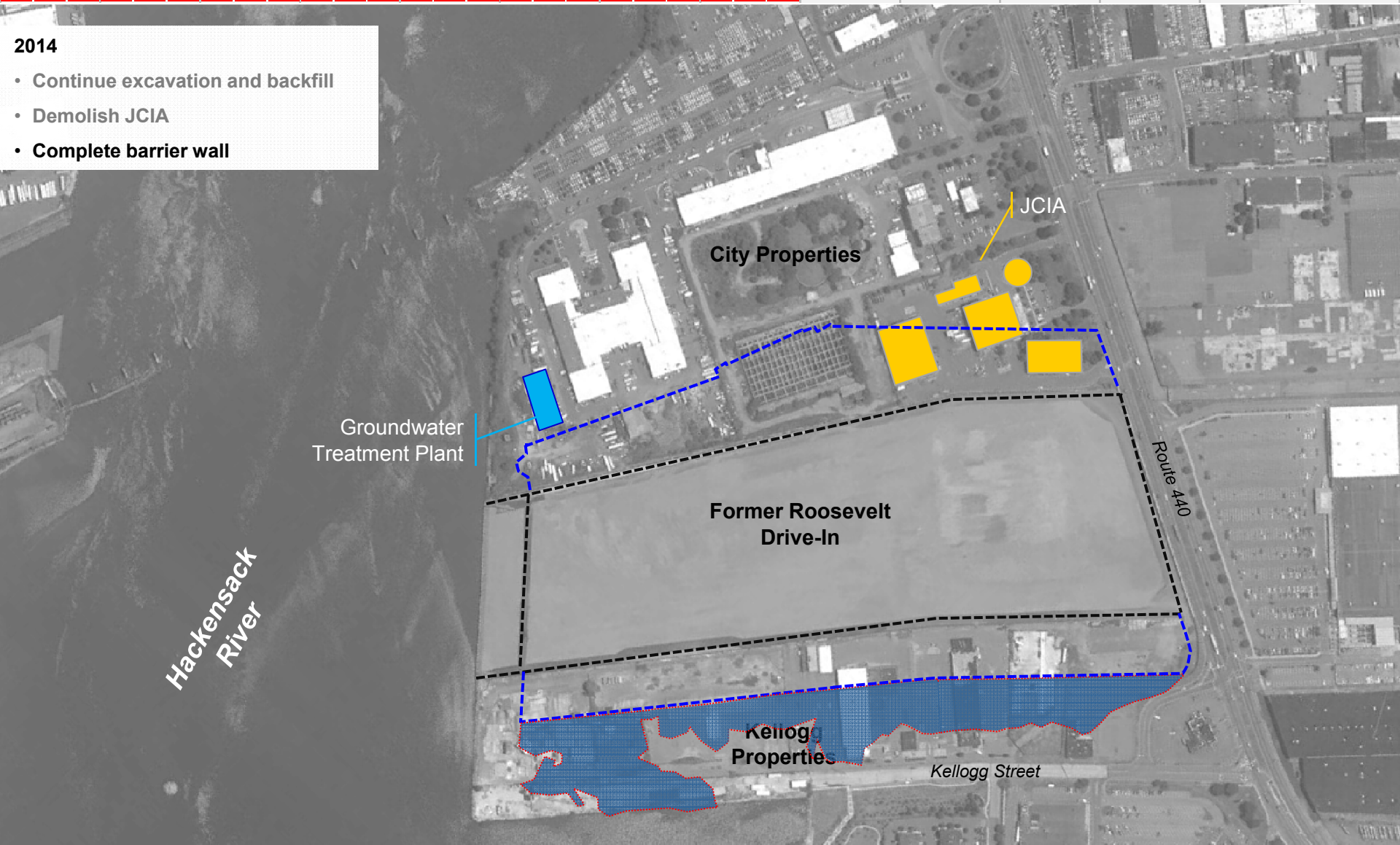
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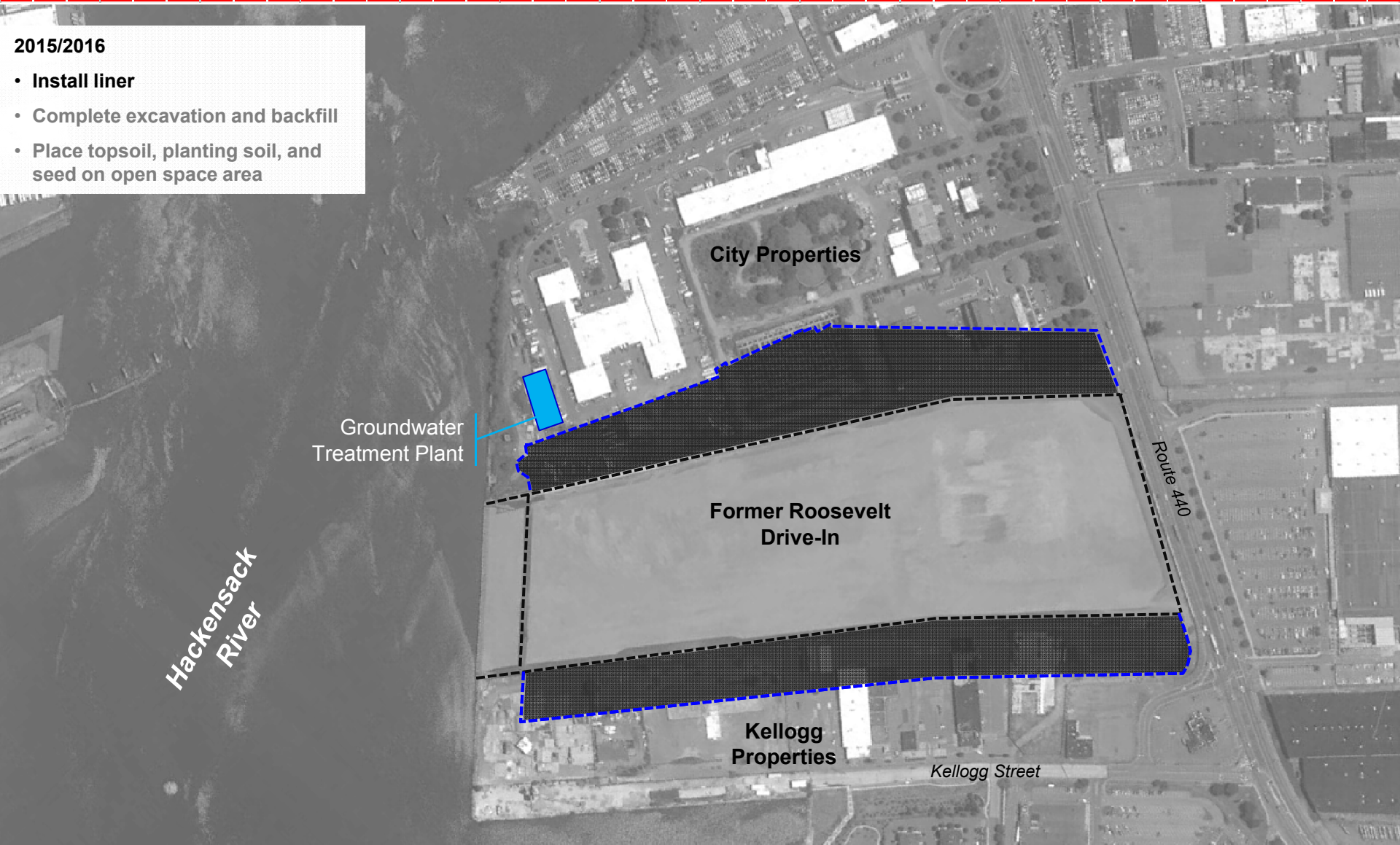
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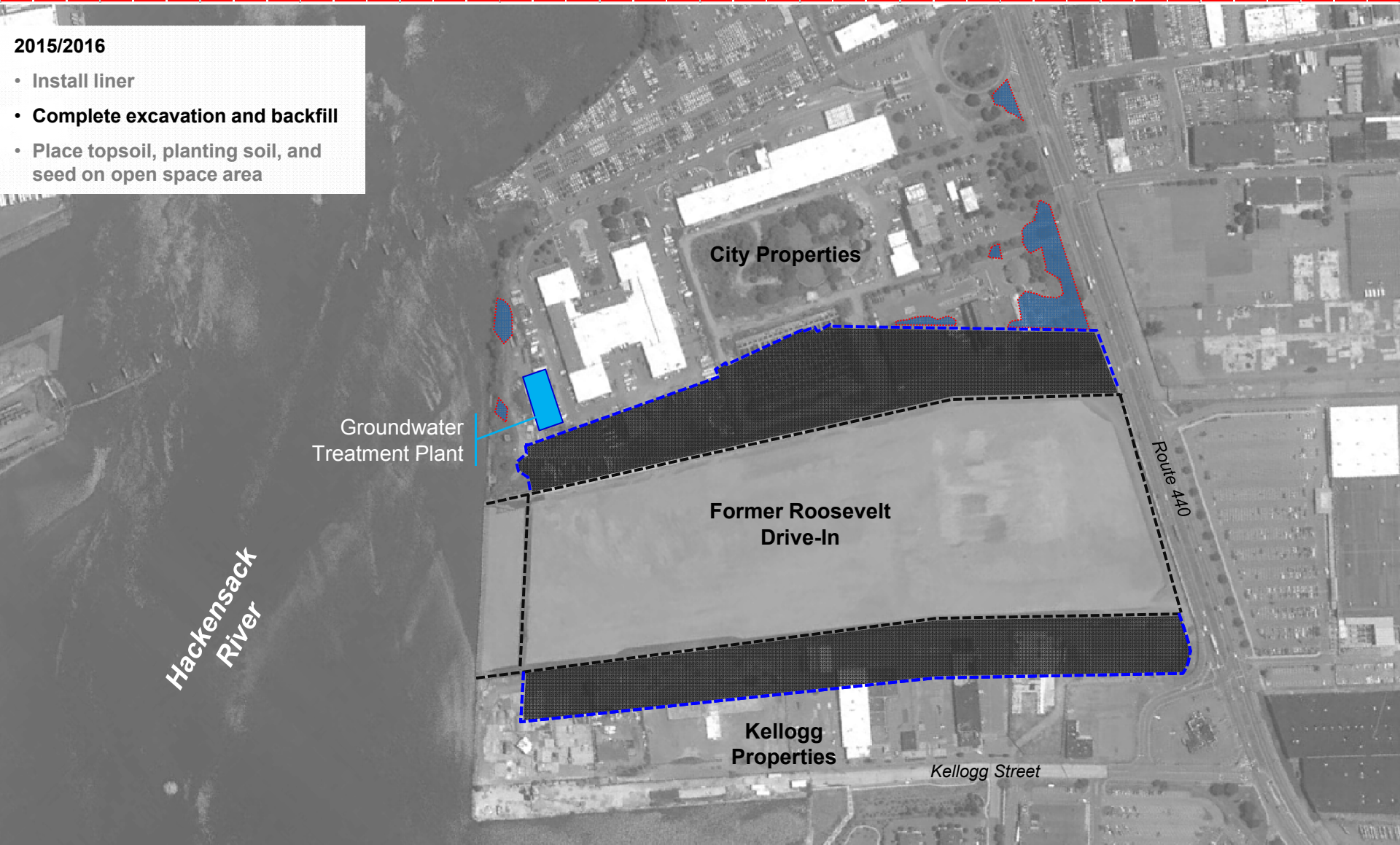
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- Install liner
 - Complete excavation and backfill
 - Place topsoil, planting soil, and seed on open space area



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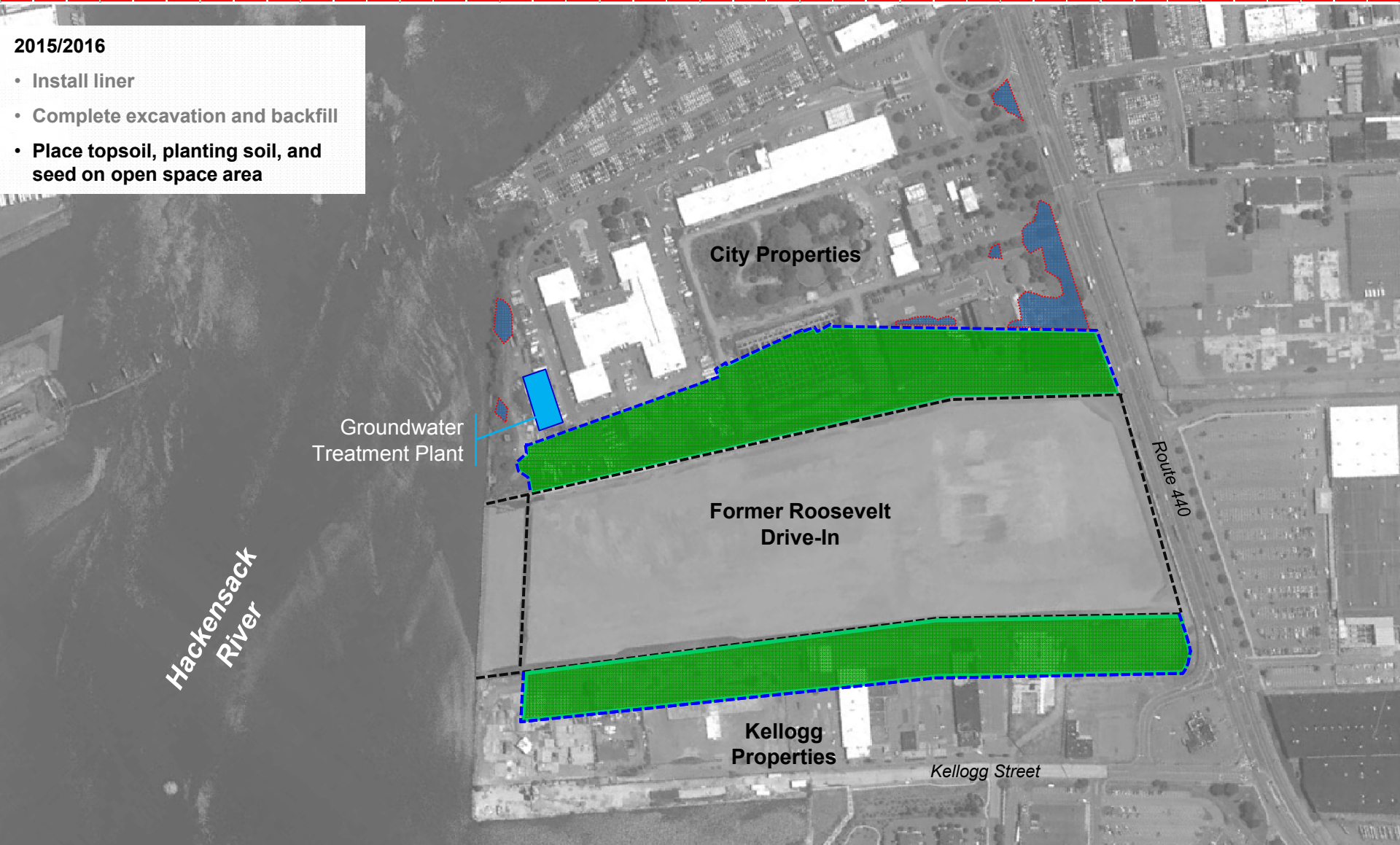


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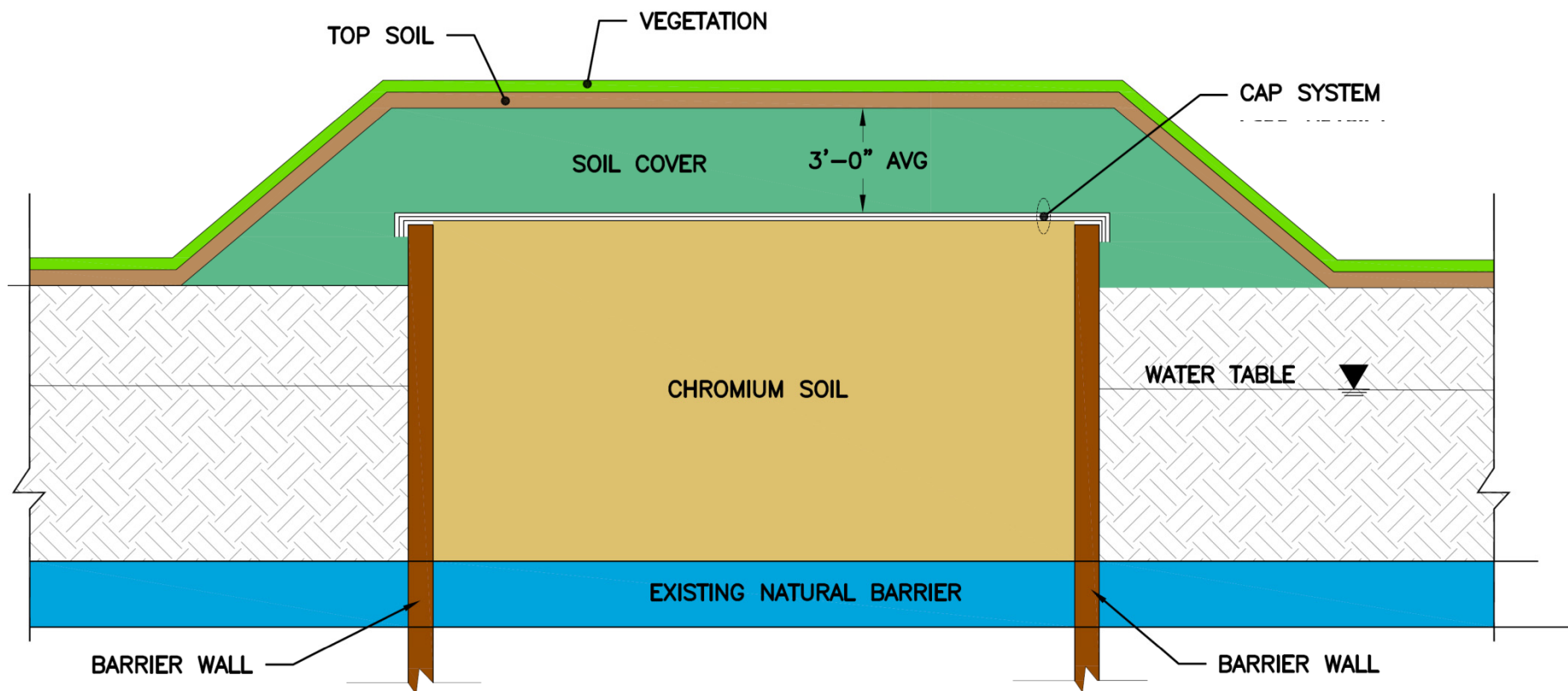
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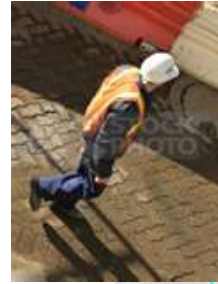
Open Space - Chromium Containment

OPEN SPACE

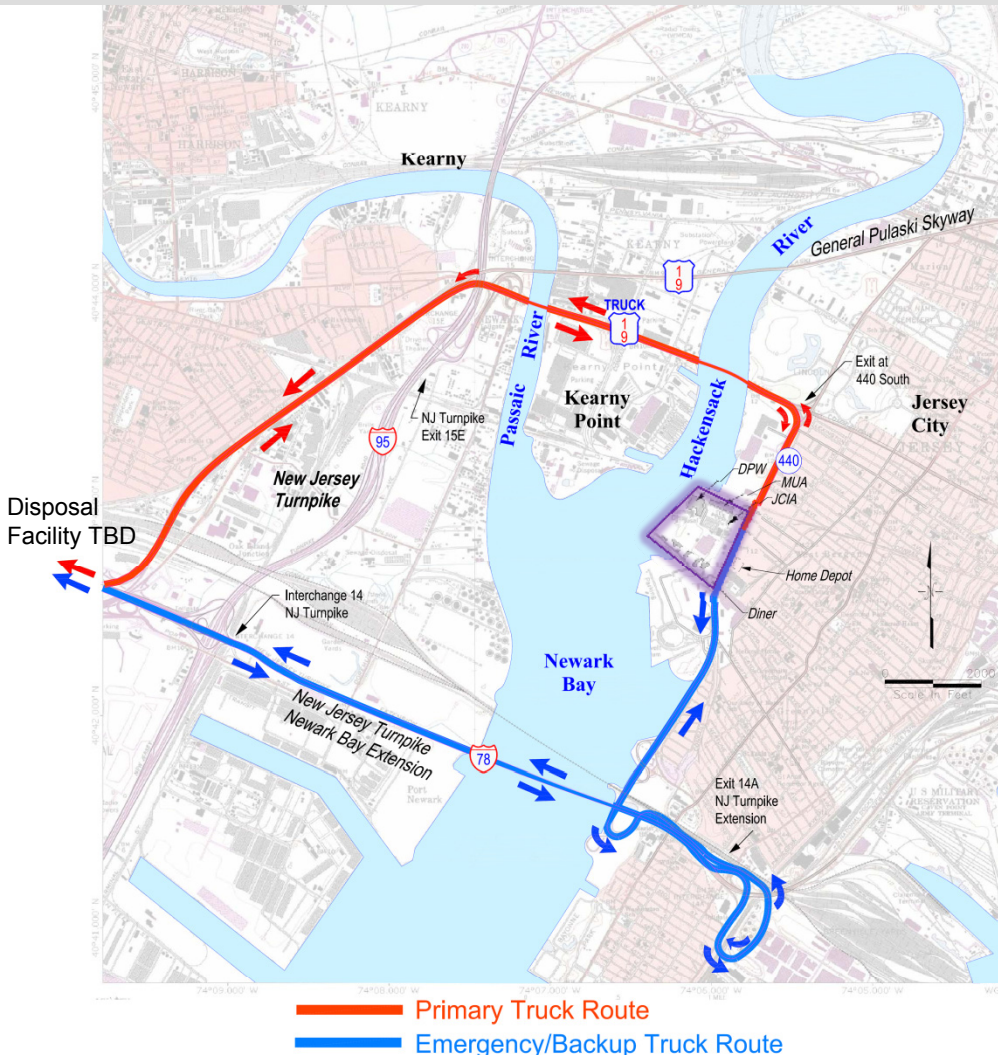


Site Safety

- Safe Work Practices
 - Site Specific Health and Safety Plan
 - Personnel Monitoring
 - Site Safety Officer
 - Daily Safety Meeting
- Dust Monitoring
 - Perimeter and On-site
 - Water Truck
- Wash Trucks Before They Leave the Site
- Site Secured with Perimeter Fencing and Locked Gates

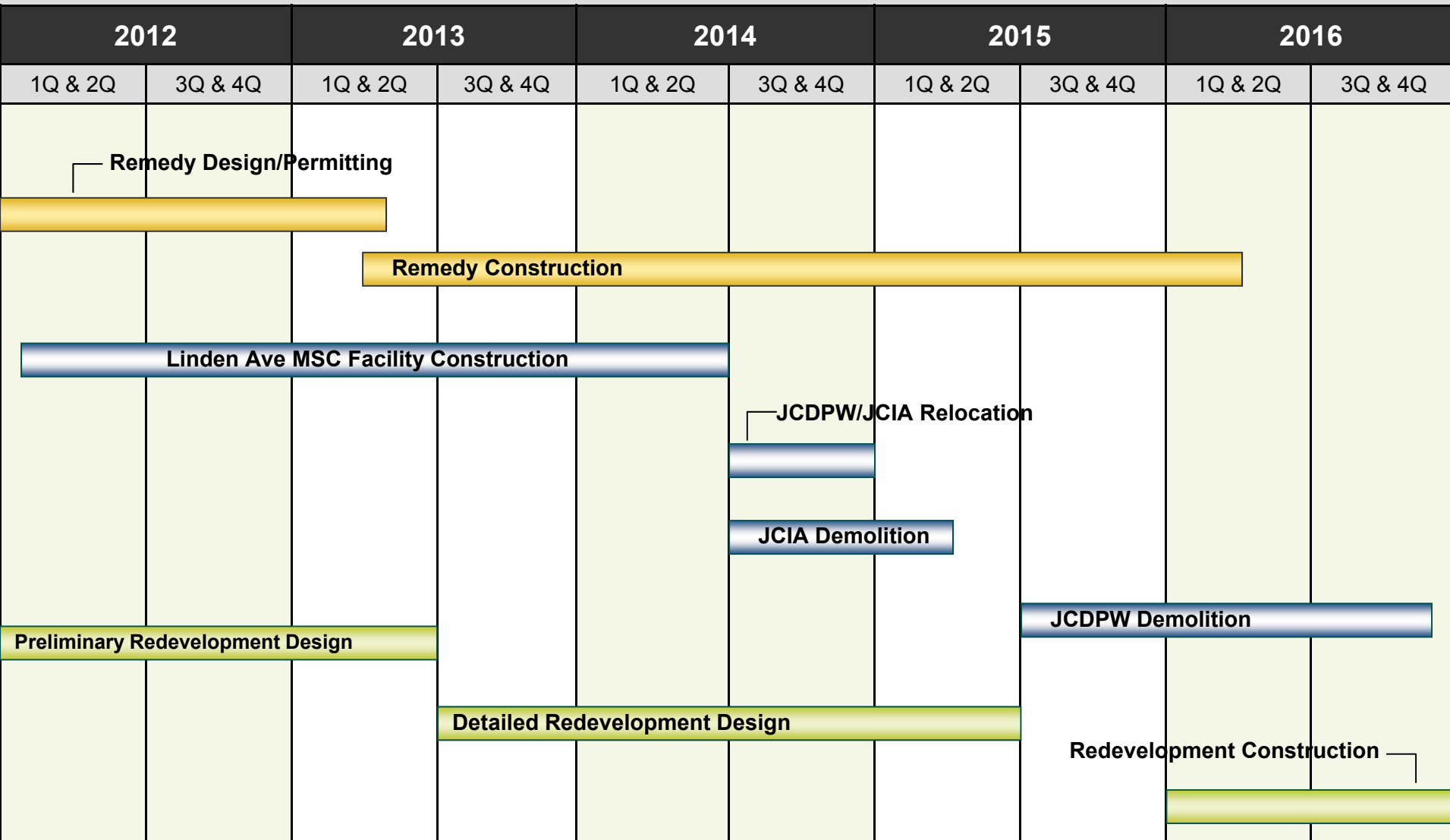


Truck Routing



- Approved Truck Routes
- NJDOT Permit Needed for Temporary Construction Entrance along Route 440
- Primary Truck Route Shown in Red
- Secondary Truck Route Shown in Blue

Master Schedule



Remedy Schedule Subject to Approval by Federal Court – Special Master

The Promenade Open Space Area

- Green Space runs from Route 440 to the Hackensack River
- Planting design consistent with environmental remedy
- Use of Open Space controlled by the Open Space Design Standards



Redevelopment Concept



Redevelopment Concept

