

# East Side Coastal Resiliency Construction Update

Lower East Side Power Partnership  
Virtual Meeting  
October 19, 2023

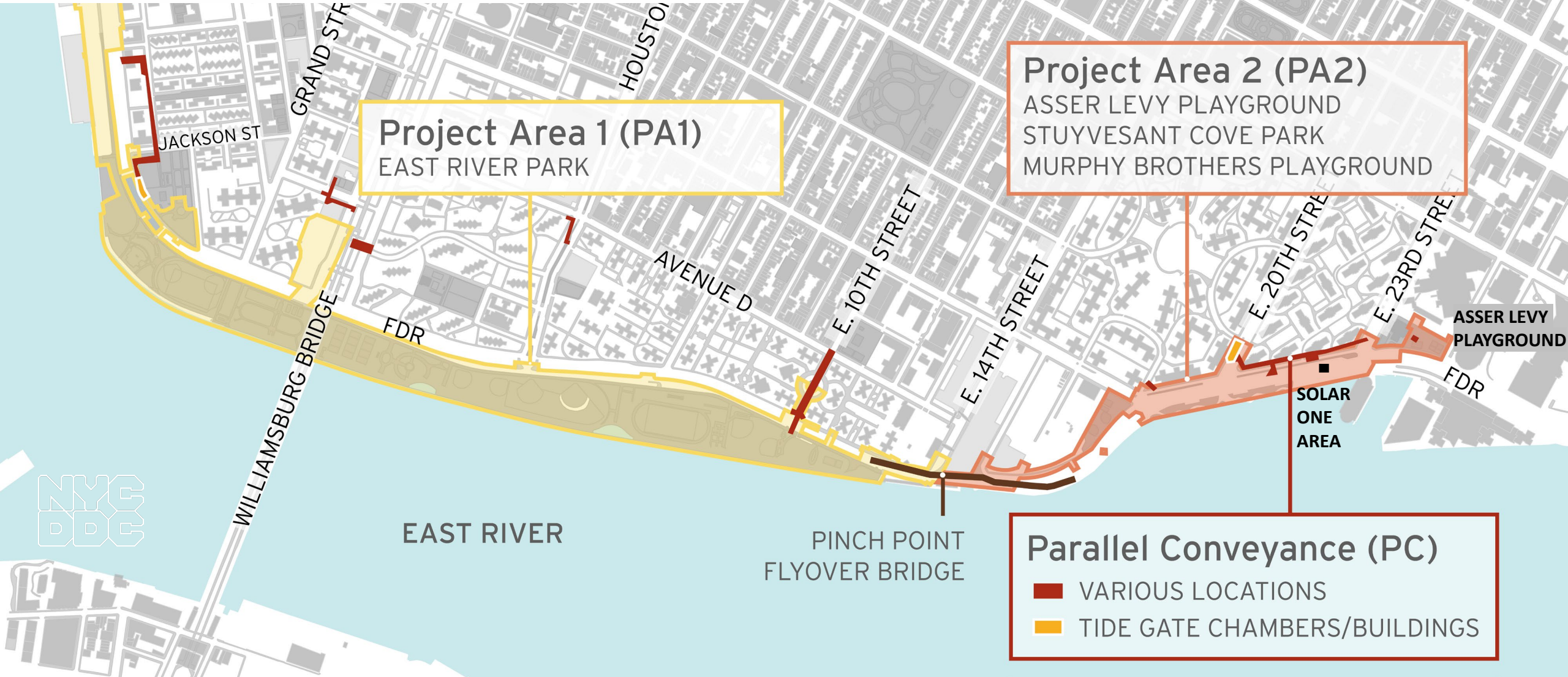


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# Agenda

- **Introductions**
- **LESPP Inquiries**
  - Review of links sent by LESPP
  - Material Handling Plan
  - Hazardous Materials Safe Handling
  - Protective Sheds & PAIR Wave
- **Questions**

# Project Area Overview



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# Lower East Side Power Partnership Inquiries

# PA 1 | Links Provided by LESPP – ESCR Responses

[Lead In Soil Notification Protocol \(nyc.gov\)](#) --- this is applicable and we speak more to this in the following slides

Note \*Hazardous soil will be secured and handled in accordance with the DDC-approved Material Handling Plan as well as State and Federal regulations.

[Environmental Monitoring \(nyc.gov\)](#) --- ESCR Environmental Monitoring Page

Note Local Law 72-9/20/2023; 8/3/2023; 5/4/2023; 3/31/2022

The screenshot shows the NYC East Side Coastal Resiliency Project website. The header includes the NYC logo and the text 'The East Side Coastal Resiliency Project'. A navigation menu contains 'Home', 'About', 'Project Updates', 'Community Engagement', and 'Contact'. A search bar is also present. The main heading is 'Environmental Monitoring'. On the left, there are links for 'PA1 Construction Notices', 'PA2 Construction Notices', 'PC Construction Notices', 'Environmental Monitoring', 'Presentations', 'Newsletters', and 'Gallery'. The central content area is titled 'Air Quality' and contains a paragraph about the project's commitment to air quality monitoring. Below this, there is a numbered list of four items: 1. Air Quality Management Plan, 2. Daily Air Quality Mitigation Techniques, 3. Daily Air Quality Monitoring, and 4. Air Quality oversight by environmental specialists. At the bottom, there are three buttons: 'Download English', 'Download Spanish', and 'Download Chinese'.

## CAG Air Monitoring Summaries

Regular air monitoring updates are provided at Community Advisory Group (CAG) Meetings. The summary slides from those meetings have been assembled below:

- [Download 2023 PA1 PA2 CAG Air Monitoring Summaries](#)
- [Download 2022 PA1 CAG Air Monitoring Summaries](#)
- [Download 2022 PA2 CAG Air Monitoring Summaries](#)
- [Download 2021 PA2 CAG Air Monitoring Summaries](#)

## Local Law 72

In compliance with Local Law 72, and in an effort for full transparency, the ESCR project will post notice within 5 business days of becoming aware of a hazardous level of lead in soil on the site. These notifications are posted on the DDC [Notification for Lead in Soil](#).

- **9/20/2023, SANDRESM1**  
[Executive Summary | Spanish | Chinese](#)  
[Field Sampling Summary Report](#)  
*During testing of the 10 soil samples collected within the project area, two (2) samples were found to contain hazardous levels of lead exceeding USEPA standards. One sample with a reading of 6.35 mg/L, was collected from stockpiled soils that were generated during excavation for pre-trenching in Reach D, stockpiled in Reach C. This was however re-analyzed indicating a new reading of .27 mg/L. The other sample with a reading 28.8 mg/L of was collected from a test pit excavated to 7 feet below grade along FDR Drive and Montgomery Street, under the FDR. The soil here is underground and undisturbed. The impacted soil will be secured, removed and disposed of to ensure public safety.*
- **8/3/2023, SANDRESM1**  
[Executive Summary | Spanish | Chinese](#)  
[Field Sampling Summary Report](#)  
*During testing of the 8 soil samples within the project area, one (1) sample came back with TCLP lead detected at 8.47 mg/L which exceeds the USEPA Limit of 5.00 mg/L – soil was collected within Reach F from 5 feet below grade (ftbg) in the location of the proposed Houston Street Retaining Wall. Currently the soil is underground and undisturbed. Once excavation occurs, the impacted soil will be secured and disposed to ensure public safety. Please see documents provided for more information.*

# PA 1 | Material Handling Plan

*What is the DDC-approved Material Handling Plan related to securing and handling hazardous soil? State and Federal regulations?*

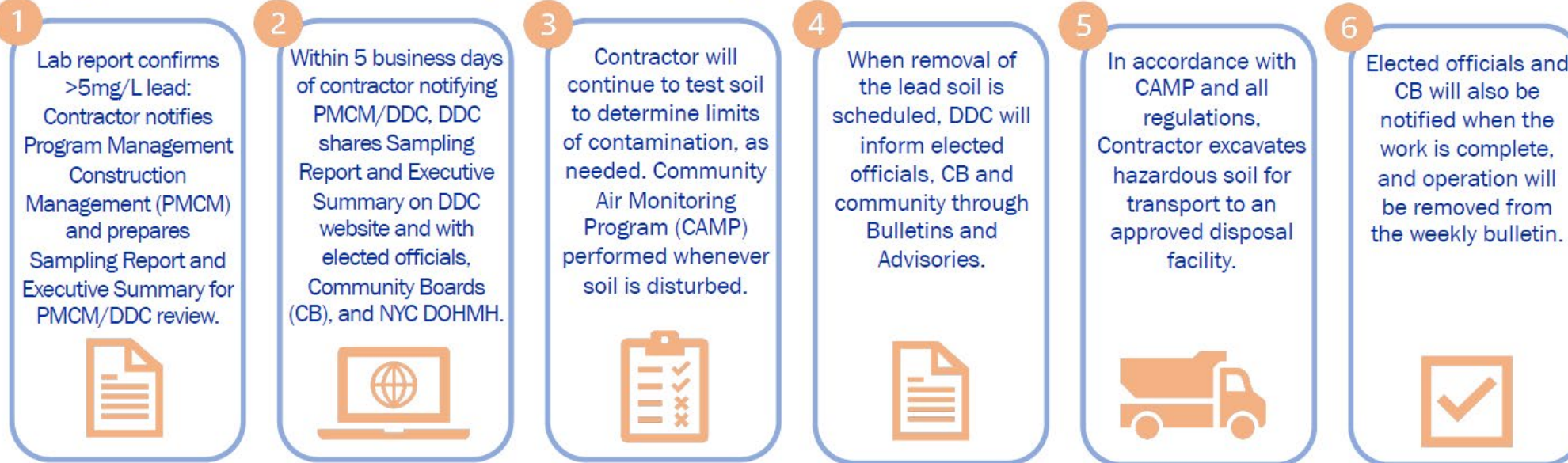
- NYC DDC Office of Environmental & Hazmat Services (OEHS) approves the contractor's Material Handling Plan (MHP) and Field Sampling Plan (FSP), at the start of the project.
- The MHP includes NYSDEC requirements on disposal of hazardous materials.
- As the contractor is testing the soil in accordance with the FSP hazardous materials may be found.
- Typically, they are left in place, underground, until the contractor is prepared for disposal.
- The contractor can also choose to stockpile the material on site for up to 30-days, following the NYCDDC guidance below:
  - Prior to excavation or other disturbance of hazardous areas, air monitoring is established in accordance with the existing Community Air Monitoring Plan (CAMP).
  - Excavated hazardous materials are placed in stockpiles on 20-mil plastic sheeting and then covered with 20-mil plastic sheeting to prevent impacts from wind and rain
  - Stockpiles of hazardous materials located in areas greater than 800 feet away from sensitive receptors
  - Stockpiled materials will have protections installed to prevent against contaminants impacting soil, air, and groundwater while awaiting disposal
  - Currently there are no stockpiles of soils containing hazardous materials onsite.
- Materials containing hazardous materials are sent to state regulated facilities using state regulated trucks.

# PA 1 | Hazardous Materials Safe Handling

What is the certification process that informs the neighboring communities all hazardous materials are and have been handled safely?

## ESCR | Lead Discovery, Notification, and Mitigation

- Throughout construction, soil samples are collected to analyze soil conditions and determine disposal methods.
- When the soil tests return with a lead reading greater than 5.00 mg/L, the Local Law 72 procedure is initiated.
- Generally, soil is left in the ground, undisturbed, and away from the public. Much of the soil in the park is NYC typical urban fill from when the park was created. Typical urban fill is found all over NYC.



# PA 1 | Protective Sheds & PAIR Wave Installation

*Are there regulations that require protective sheds be placed around areas that are impacted by pile driving such as those near the Delancey Street Overpass construction? If so, what agency reviews and certifies that conditions nearby the construction site(s) are properly secured, and if found to be inadequate, what measures are in place to remedy it?*

- ‘Protective Sheds’ to mitigate the impacts from the pile install are engineered structures proposed by the contractor and reviewed and approved by Program Management / Construction Management Team (PMCM) prior to installation. The structure at Delancey Street has been removed, as the work requiring the shed is completed.
- The asphalt Wave installation installed along the ERP esplanade adjacent to the Corlears Hook Ferry Terminal has safety precautions which include: detectable (tactile) warning pavement strips, lighting, and new caution tape and reflective plastic bollards.

<https://www.nyc.gov/assets/escr/downloads/pdf/9.14.23-Parks-Recreation-Waterfront--Resiliency-Committee-Meeting-PAIR.pdf>

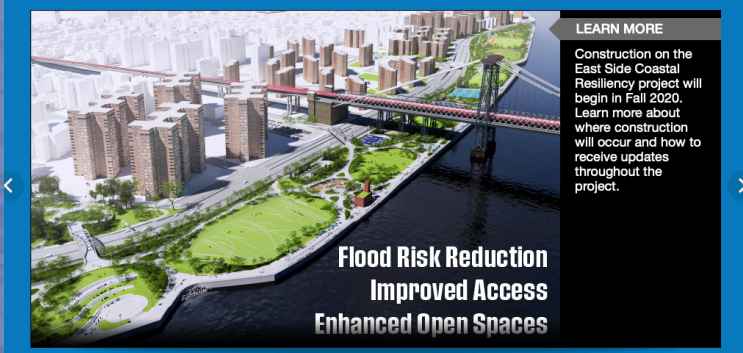
<https://www.nyc.gov/site/escr/community-engagement/pair-art-installation.page>





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# Questions



# NEED MORE INFORMATION?

## VISIT US AT: [www.nyc.gov/escr](http://www.nyc.gov/escr)

### East Side Coastal Resiliency

The East Side Coastal Resiliency (ESCR) Project is a coastal protection initiative, jointly funded by the City of New York and the federal government, aimed at reducing flood risk due to coastal storms and sea level rise on Manhattan's East Side from East 25th Street to Montgomery Street. The boundaries of this project correspond with the natural "pinch-points" in the 100-year floodplain: areas where the land is higher along the coastline, making it easier to close the system off from water entering from the north and south. The project design integrates flood protection into the community fabric, improving waterfront open spaces and access, rather than walling off the neighborhood. Construction on the East Side Coastal Resiliency project will begin in Fall 2020 and continue through 2025.

 <b>Construction Progress</b>	 <b>Resiliency &amp; Flood Protection</b>	 <b>Project Background &amp; Goals</b>	 <b>Project Design</b>
<p><b>Construction Notices</b> View our most recent community presentations for updates as we prepare for upcoming construction activities.</p>	<p><b>Resiliency and Flood Protection</b> Learn more about ESCR's resiliency and the forward-thinking flood protection measures being implemented to protect 110,000 New Yorkers from the impacts of climate change.</p>	<p><b>Project Background and Goals</b> Read about the history and background of ESCR, and the goals driving this technically complex infrastructure project.</p>	<p><b>Project Design</b> From flood protection measures to bike lanes and ball fields, the ESCR project is improving open spaces and access in the Lower East Side while strengthening the city's coastline.</p>

