

East Side Coastal Resiliency Project (ESCRP)

Manhattan, NY 10002/10009

NYCDDC Project ID: SANDRESM1

Project Owner: NYC Department of Design and Construction

Project Contractor: IPC Resiliency Partners

Project Manager: PM/CM HNTB-LiRo

Dewatering Permit Consultant: Applemon

NYCDDC Community Construction Liaison

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Purpose of ESCR Project

- Reconstruction of bulkhead and coastal flood protection
- Park reconstruction
- **Improvement of existing sewers and outfalls which requires construction dewatering and discharge to river**

Areas of Concerns

- Existing Remediation Sites
- Reported and Unreported Spill Incidents
- Historic Fill Material from Unknown Sources

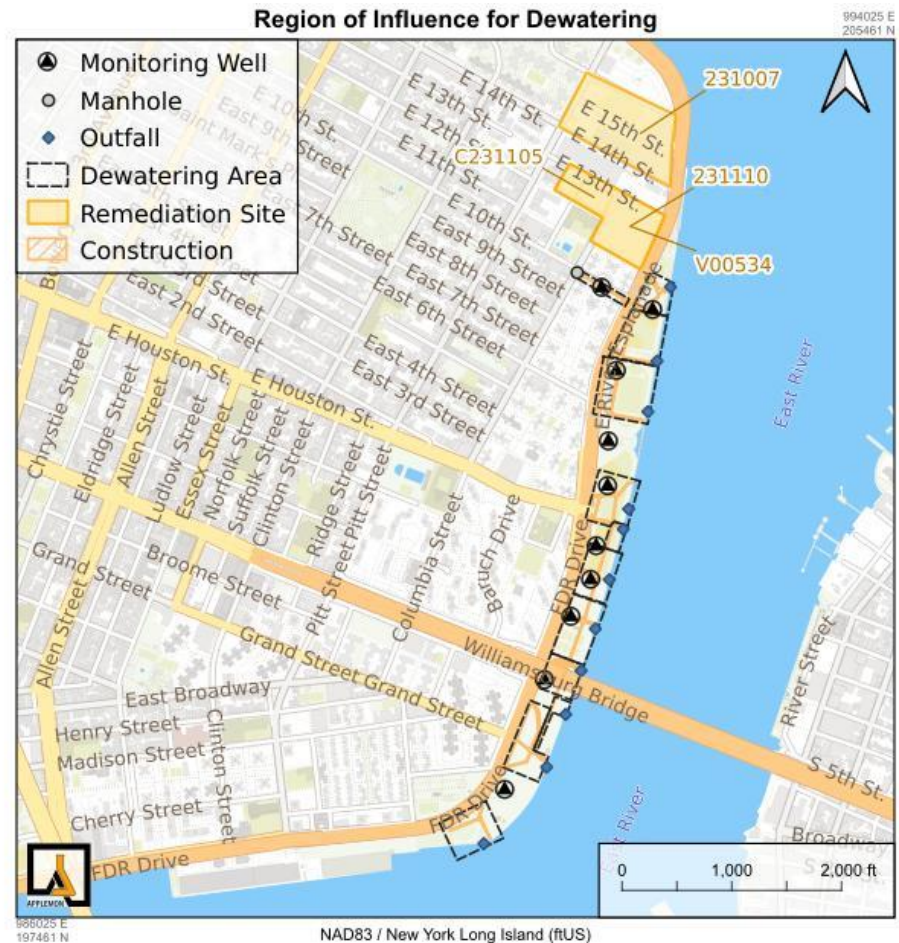
Purpose of Meeting

- Complying with NYSDEC Commissioner Policy-29, Environmental Justice and Permitting (CP-29)
- Ensure public participation in the NYSDEC environmental permit review process
- Inform the community of the State Pollutant Discharge Elimination System (SPDES) permit application process and water treatment

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Existing Remediation Sites

- Multiple remediation sites are in the NYSDEC Environmental Site Remediation Database, located near the project
- Multiple open spills are in the NYSDEC Spill Incidents Database, located near the project



Scope of Construction Dewatering

- Approximately 176 wells will be installed to collect groundwater from the construction site
- Collected groundwater will be discharged into 12 points of discharge (POD)
 - One POD will discharge into an interceptor sewer leading to Newtown Creek Wastewater Treatment Plant
 - 11 PODs will discharge into storm sewers leading to East River
- Water will be treated before discharge to the river
- Treatment system will consist of sedimentation in a settling tank, filtration and carbon adsorption with activated carbon filters to remove both particulates and volatile organic compounds (VOCs)
- Monthly sampling of discharge
- The pumps will be used over a period of approximately 5 years to facilitate this operation

Schematic Dewatering Map for All Segments

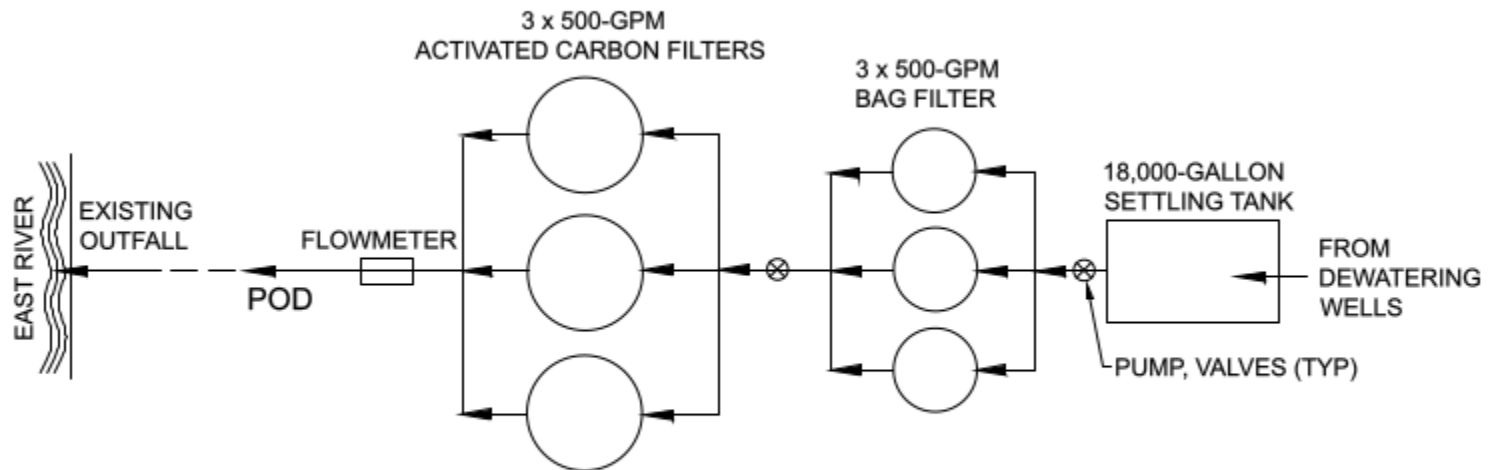


Schematic Dewatering Map for One Segment



Dewatering Treatment System

before each Point of Discharge (POD)



Details of Pre-treatment System

Impact of Dewatering Operation

- Impacts will be temporary
- NYCDDC and its contractors are committed to control noise, dust, trash collection, traffic, etc. during the construction dewatering
- NYCDDC will be available to answer your questions about this project

Permit Requirements

- SPDES permit application process
- New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy-29, Environmental Justice and Permitting (CP-29)
- NYSDEC Region 2 Headquarters, 47-40 21st St., Long Island City, NY 11101, is responsible for reviewing and issuing the required permits.

Tel: (718) 482-4997; email: DEP.R2@dec.ny.gov

Contact Information

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Q&A