

North/West Battery Park City Resiliency Project

Draft Environmental Impact Statement

Battery Park City Authority

August 28, 2024

North/West Battery Park City Resiliency Project

DRAFT ENVIRONMENTAL IMPACT STATEMENT

Project Location:	Community District 1 Battery Park City Borough of Manhattan
SEQR No.	22BPC001M
Type of Action:	Type I
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List of Acronyms and Abbreviations

ACHP	Advisory Council on Historic Preservation
ACM	Asbestos-containing materials
AHERA	Asbestos Hazard Emergency Response Act
APE	Area of Potential Effect
BFE	Base Flood Elevation
BID	Business Improvement District
BMCC	Borough of Manhattan Community College
BMP	Best Management Practice
BPC	Battery Park City (as in the Special BPC District)
BPCC	Battery Park City Authority
BTU	British thermal unit
CAMP	Community Air Monitoring Program
CAP	Climate Action Plan
CBD	Central Business District
CCC	New York City Coastal Commission
CEM	Community Engagement Manager
CEQR	City Environmental Quality Review
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CHASP	Construction Health and Safety Plan
CLCPA	Climate Leadership and Community Protection Act
CMP	New York State Coastal Management Program
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent
CPC	City of New York City Planning Commission
CPP	Construction protection plan
CRRA	Community Risk and Resiliency Act (of New York State)
CRIS	New York State Cultural Resources Information System
CSO	Combined sewer overflow
CWFS	Citywide Ferry Service
CY	Cubic yards
CZMA	Coastal Zone Management Act
DASNY	Dormitory Authority of the State of New York
dB	Decibel
dBA	A-weighted decibel
DEIS	Draft Environmental Impact Statement
EAF	Environmental Assessment Form
ECL	Environmental Conservation Law
EFH	Essential Fish Habitat
ESA	Endangered Species Act
ESA	Environmental Site Assessment
ESCR	East Side Coastal Resiliency
ESI	Environmental Site Investigation
ESMP	Hudson River Estuarine Sanctuary Management Plan
FAR	Floor to area ratio
FDNY	New York City Fire Department
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map

FTA	Federal Transit Administration
GARFO	Greater Atlantic Regional Fisheries Office
GHG	Greenhouse gas
GI	Green Infrastructure
GIS	Geographic Information System
gsf	Gross square foot/feet
GWP	Global warming potential
HATS	New York Harbor and Tributaries Focus Area Feasibility Study
HCM	Highway Capacity Manual
Hz	Herz
HFC	Hydrofluorocarbons
HRE	Hudson Raritan Estuary
HRPT	Hudson River Park Trust
HUD	U.S. Department of Housing and Urban Development
ICR	Industrial Code Rule
IPaC	Information for Planning and Consultation (System)
IPCC	Intergovernmental Panel on Climate Change
IS	Intermediate school
LBP	Lead-based paint
LCP	Lead-containing paint
LEHD	Longitudinal Employer-Household Dynamics
Leq	Equivalent sound level
LM	Lower Manhattan (as in the Special LM District)
LMCR	Lower Manhattan Coastal Resiliency
LOMR	Letter of Map Revision
LOS	Level of Service
LPC	New York City Landmarks Preservation Commission
mgd	Million gallons per day
MHW	Mean high water
MLW	Mean low water
MPT	Maintenance and Protection of Traffic
MS4	New York City Municipal Separate Storm Sewer System
MTA	Metropolitan Transportation Authority
NAA	Non-attainment area
NAAQS	National Air Quality Ambient Standards
NAVD88	North American Vertical Datum of 1988
NEPA	National Environmental Policy Act
NHL	National Historic Landmarks
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NMFS	National Marine Fisheries Service
NO2	Nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOx	Nitrous Oxides
NPCC	New York City Panel on Climate Change
NPDES	National Pollutant Discharge Elimination System
NR	National Register of Historic Places
NSI	Near Surface Isolation
NWBPCR	North/West Battery Park City Resiliency
NWI	National Wetland Inventory
NYC Parks	New York City Department of Parks and Recreation
NYCDCP	New York City Department of City Planning

NYCDEP	New York City Department of Environmental Protection
NYCDOE	New York City Department of Education
NYCDOT	New York City Department of Transportation
NYCEDC	New York City Economic Development Corporation
NYCL	New York City Landmark
NYCRR	New York Code of Rules and Regulations
NYCSBS	New York City Small Business Services
NYCT	New York City Transit
NYMTC	New York Metropolitan Council
NYNHP	New York Natural Heritage Program
NYPD	New York City Police Department
NYSDEC	New York State Department of Environmental Conservation
NYSDEL	New York State Department of Labor
NYSDOS	New York State Department of State
NYSDOT	New York State Department of Transportation
NYSERDA	New York State Energy Research and Development Authority
NYSHPA	New York State Historic Preservation Act
NYSOGS	New York State Office of General Services
O&M	Operation and Maintenance
OCMC	Office of Construction Mitigation and Coordination
OPRHP	New York State Office of Parks, Recreation and Historic Preservation
OSHA	Occupational Safety and Health Act
PAH	Polycyclic aromatic hydrocarbons
PANYNJ	Port Authority of New York and New Jersey
PATH	Port Authority Trans-Hudson
PCB	polychlorinated biphenyl
PCE	Passenger car equivalents
PCSMPs	Post-construction stormwater management practices
PDC	New York City Public Design Commission
PFC	Perfluorocarbons
PHF	Peak-hour factor
PID	Photo-ionization detector
POPS	Privately owned public space
PM	Particulate matter
ppm	Parts per million
ppt	Parts per thousand
PTD	Proprietary Treatment Device
PS	Public School
psu	Practical salinity unit
RAP	Remedial Action Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RFS	Renewable Fuel Standard
RGGI	Regional Greenhouse Gas Initiative
RJTW	Reverse journey-to-work
ROW	Right-of-way
SAV	Submerged aquatic vegetation
SBPCR	South Battery Park City Resiliency
SBS	New York City Department of Small Business Services
SCA	New York City School Construction Authority
SCO	Soil Cleanup Objectives (of New York State)
SCFWH	Significant Coastal Fish and Wildlife Habitat

SEQRA	State Environmental Quality Review Act
sf	Square foot/feet
SF6	Sulfur hexafluoride.
SFP	Square feet per pedestrian
SGCN	Species of Greatest Conservation Need
SHPA	State Historic Preservation Act
SHPO	New York State Historic Preservation Office
SHW	Spring high waters
SIP	State Implementation Plan
SLM	Sound Level Meters
S/NR	State and National Registers of Historic Places
SOx	Sulfur oxides
SPDES	State Pollutant Discharge Elimination System
SPL	Sound pressure level
SVOC	Semi-volatile organic compound
SSAP	Sediment Sampling and Analysis Plan
SWPPP	Stormwater Pollution Prevention Plan
TBTA	Triborough Bridge and Tunnel Authority, dba MTA Bridges and Tunnels
TCLP	Toxic Characteristic Leaching Procedure
TOGS	Technical & Operational Guidance Series (by NYSDEC)
TMU	Tribeca Mixed Use (as in the Special TMU District)
TPPN	Technical Policy and Procedure Notice
TSCA	Toxic Substances Control Act
TSS	Total suspended solids
TWAA	Tidal wetland adjacent area
ULSD	Ultra-low sulfur diesel
ULURP	Uniform Land Use Review Procedure
USACE	U.S. Army Corps of Engineers
USC	United States Code
USCG	U.S. Coast Guard
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground storage tanks
USWR	Unified Stormwater Rule
v/c	volume-to-capacity
VdB	Vibration decibel
VMT	Vehicle miles travelled
VOC	Volatile organic compound
WEDG	Waterfront Edge Design Guidelines
WOTUS	Waters of the United States
WRP	New York City Waterfront Revitalization Program
WRRF	Water Resource Recovery Facility
WSURA	Washington Street Urban Renewal Area
WTC	World Trade Center