



Kensico-Eastview Connection Project

## Final Environmental Impact Statement

CEQR No. 21DEP020U



Prepared by: New York City Department of Environmental Protection

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**CEQR No:** 21DEP020U

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**Acronyms**

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AADT	Annual Average Daily Traffic
APE	Area of Potential Effects
AST	Aboveground Storage Tank
ATR	Automatic Traffic Recorders
BAT	Best Available Technology
bgd	Billion Gallons Per Day
bgs	Below Ground Surface
BWS	New York City Department of Environmental Protection Bureau of Water Supply
C&D	Construction and Demolition
CAA	Clean Air Act
CAD	Computer-aided Design
CCT	Catskill Connection Tunnel
CDUV	Catskill/Delaware Ultraviolet Disinfection
CEA	Critical Environmental Areas
CEQR	City Environmental Quality Review
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CIC	Catskill Influent Chamber
CO	Carbon Monoxide
CRIS	Cultural Resources Information System
dB	Decibels
dBA	A-weighted Sound Level
dbh	Diameter at Breast Height
DEL	Delaware
DEP	New York City Department of Environmental Protection
DIP	Ductile Iron Pipe

ECC	Eastview Connection Chamber
ECL	Environmental Conservation Law
EDR	Environmental Data Resources
EIS	Environmental Impact Statement
EMS	Emergency Medical Services
EMT	Emergency Medical Technician
EPA	U.S. Environmental Protection Agency
EPD	Environmental Product Declarations
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FOV	Field of View
FPP	Forest Project Protocol
GCR	General Conformity Rule
GHG	Greenhouse Gases
GMS	Groundwater Modeling Software
gpm	Gallons per Minute
GWP	Global Warming Potential
H&H	Hydrology and Hydraulics
HASP	Health and Safety Plan
HDDV	Heavy-duty Diesel Vehicle
HFC	Hydrofluorocarbons
HGL	Hydraulic Grade Line
HSWDS	Hazardous Substance Waste Disposal Sites
HUD	U.S. Department of Housing and Urban Development
HVAC	Heating, Ventilation, and Air Conditioning
Hz	Hertz
in/s	Inches per Second



IPaC	Information, Planning, and Conservation
KEC	Kensico-Eastview Connection
kV	Kilovolt
kWh	Kilowatt-hours
Ldn	Day-night Average Sound Level
LEC	Lower Effluent Chamber
LOS	Level of Service
LT2 Rule	Long Term 2 Enhanced Surface Water Treatment Rule
MEV	Million Entering Vehicles
mgd	Million Gallons per Day
MGP	Manufactured Gas Plants
MOVES	Motor Vehicle Emissions Simulator
mTCO <sub>2e</sub>	Metric tons of carbon dioxide equivalent
MVA	Megavolt-amp
NAA	Non-Attainment Area
NAAQS	National Ambient Air Quality Standards
NHL	National Historic Landmarks
NHPA	National Historic Preservation Act
NO <sub>2</sub>	Nitrogen Dioxide
N <sub>ox</sub>	Nitrogen Oxides
NPL	National Priority List
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
NYC	New York City
NYCRR	New York Codes, Rules, and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOS	New York State Department of State

NYSDOT	New York State Department of Transportation
NYSEMS	New York State Emergency Medical Services
NYSM	New York State Museum
NYSNHP	New York State Natural Heritage Program
NYSOPRHP	New York State Office of Parks, Recreation, and Historic Preservation
O <sub>3</sub>	Ozone
OSHA	Occupational Safety and Health Administration
pb	Polychlorinated Biphenyls
PCB	Lead
PCE	Passenger Car Equivalents
PDC	Public Design Commission
PFC	Perfluorocarbons
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PM	Particulate Matter
ppb	Parts per Billion
ppm	Parts per Million
PPV	Peak Particle Velocity
PV	Photovoltaic
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
SAV	Submerged Aquatic Vegetation
SCO	Soil Cleanup Objectives
SEQR	State Environmental Quality Review
SEQRA	State Environmental Quality Review Act
SFHA	Special Flood Hazard Area
SGPIPA	Smart Growth Public Infrastructure Policy Act
SHPO	State Historic Preservation Office
SIMS	Safety Information Management System
SIP	State Implementation Plan

SLM	Sound Level Meter
SO <sub>2</sub>	Sulfur Dioxide
SO <sub>x</sub>	Sulfur Oxides
SPDES	State Pollutant Discharge Elimination System
SPL	Sound Pressure Levels
sf	square feet
SSA	Storm and Sanitary Analysis
SSURGO	Soil Survey Graphic Database
SWPPP	Stormwater Pollution Prevention Plan
SWTR	Surface Water Treatment Rule
TAL	Target Analyte List
TBM	Tunnel Boring Machine
TCL	Target Compound List
TNM	Traffic Noise Model
TOC	Total Organic Carbon
TRB	Transportation Research Board
TSD	Treatment, Storage, and Disposal
TSS	Total Suspended Solids
UEC	Upper Effluent Chamber
ug/m <sup>3</sup>	Micrograms per cubic meter
UHPC	Ultra High Performance Concrete
ULSD	Ultra-low-sulfur Diesel
um	Micrometers
U.S.	United States
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tank
UV	Ultraviolet

V/C	Volume to Capacity
VdB	Velocity Level in Decibels
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
vph	Vehicles Per Hour
ZBA	Zoning Board of Appeals