



sanitation

Javier D. Lojan Acting Commissioner

John Rossiello
Deputy Director
Solid Waste Management

125 Worth Street, Rm 727
New York, NY 10013
nyc.gov/sanitation

646-885-5056
jrossiello@dsny.nyc.gov

February 20, 2026

New York State Department of Environmental Conservation
Division of Materials Management
Bureau of Permitting and Planning
625 Broadway, Albany NY, 12233-7260

RE: Hamilton Marine Transfer Station
NYSDEC Permit No. 2-6102-00010/00013
2025 Annual Report

Dear Sir/Madam,

Attached, please find the 2025 Annual Report for the New York City Department of Sanitation's (DSNY's) Hamilton Marine Transfer Station (MTS). As required, I have provided the Financial Assurance Plan (FAP) closure cost for the fiscal year. This information is attached at the end of the Annual Report.

Please call me if you have any questions or require additional information.

Best Regards,



John Rossiello

Attachment (1). 2025 Annual Report



PERMITTED TRANSFER FACILITY ANNUAL REPORT

(If you need assistance filling out this form please email swmfannualreport@dec.ny.gov or call 518-402-8678.)

Complete and submit this form by March 1, 2026.

This annual report is for the year of operation from January 01, 2025 to December 31, 2025

SECTION 1 – GENERAL INFORMATION

FACILITY INFORMATION			
FACILITY NAME: Hamilton Marine Transfer Station			
FACILITY LOCATION ADDRESS: 500 Hamilton Avenue	FACILITY CITY: Brooklyn	STATE: NY	ZIP CODE: 11232
FACILITY TOWN: Brooklyn	FACILITY COUNTY: Kings	FACILITY PHONE NUMBER: (718) 840-5901	
FACILITY NYS PLANNING UNIT: (A list of NYS Planning Units can be found at the end of this report). New York City			NYSDEC REGION #: 2
360 PERMIT #: (Refer to DEC Permit) 2-6102-00010/00013	DATE ISSUED: 12/2/2020	DATE EXPIRES: 12/1/2025	NYS DEC ACTIVITY CODE OR REGISTRATION NUMBER: (Refer to DEC Permit) 31T04
FACILITY CONTACT: John Rossiello	☒ public ☐ private	CONTACT PHONE NUMBER: (646) 885-5056	CONTACT FAX NUMBER:
CONTACT EMAIL ADDRESS: JRossiello@dwny.nyc.gov			
OWNER INFORMATION			
OWNER NAME: New York City Department of Sanitation	OWNER PHONE NUMBER: (646) 885-4693		OWNER FAX NUMBER:
OWNER ADDRESS: 125 Worth Street	OWNER CITY: New York	STATE: NY	ZIP CODE: 10013
OWNER CONTACT: John Capo	OWNER CONTACT EMAIL ADDRESS: JCapo@dwny.nyc.gov		
OPERATOR INFORMATION			
OPERATOR NAME: ☐ same as owner		☒ public ☐ private	
PREFERENCES			
Preferred address to receive correspondence: ☐ Facility location address ☒ Owner address ☐ Other (provide):			
Preferred email address: ☒ Facility Contact ☐ Owner Contact ☐ Other (provide):			
Preferred individual to receive correspondence: ☐ Facility Contact ☒ Owner Contact ☐ Other (provide):			

Did you operate in 2025? ☒ Yes; Complete this form.

☐ No; Complete and submit Sections 1 and 11. If you no longer plan to operate and wish to relinquish your permit/registration associated with this solid waste management activity, also complete the "Inactive Solid Waste Management Facility or Activity Notification Form" located at:
https://extapps.dec.ny.gov/docs/materials_minerals_pdf/inactiveswmf.pdf

SECTION 2 - SOLID WASTE RECEIVED

Please provide the tonnages of solid waste received. Include all waste received. Report Recyclable Materials in Section 5. DO NOT REPORT IN CUBIC YARDS!

Specify the methods used to measure the quantities disposed and the percentages measured by each method:

100 % Scale Weight

% Estimated

% Truck Count

% Other (Specify:)

Types of Solid Waste	January (tons)	February (tons)	March (tons)	April (tons)	May (tons)	June (tons)	July (tons)
Asbestos							
Construction and Demolition (C&D) Debris							
Industrial Waste (Including Industrial Process Sludges)							
Mixed Municipal Solid Waste (MSW) (Residential, Institutional, & Commercial)	37,256.29	25,907.99	32,059.16	31,523.98	30,948.39	29,835.57	35,912.80
Oil/Gas Drilling Waste							
Petroleum Contaminated Soil							
Sewage Treatment Plant Sludge							
Treated Regulated Medical Waste							
Emergency Authorization Waste (Storm Debris)							
Septage							
Other (specify)							
Total Tons Received	37,256.29	25,907.99	32,059.16	31,523.98	30,948.39	29,835.57	35,912.80

If the solid waste type is not listed, use one of the "Other" lines and fill in the name of the waste. If more "Other" lines are needed, cross out an unused type and fill in the other solid waste name. If still more "Other" lines are needed, attach another copy of this page, cross out an unused type, and fill in the other solid waste name.

SECTION 2 - SOLID WASTE RECEIVED *(continued)*

Type of Solid Waste	Tip Fee (\$/ton)	August (tons)	September (tons)	October (tons)	November (tons)	December (tons)	Total Year (tons)	Daily Avg. (tons)
Asbestos								
Construction & Demolition (C&D) Debris								
Industrial Waste (Including Industrial Process Sludges)								
Mixed Municipal Solid Waste (MSW) (Residential, Institutional & Commercial)		32,369.63	31,045.20	38,751.95	31,709.20	32,128.12	389,448.28	1,281.1
Oil/Gas Drilling Waste								
Petroleum Contaminated Soil								
Sewage Treatment Plant Sludge								
Treated Regulated Medical Waste								
Emergency Authorization Waste (Storm Debris)								
Septage								
Other <i>(specify)</i>								
Total Tons Received		32,369.63	31,045.20	38,751.95	31,709.20	32,128.12	389,448.28	1,281.1

If the solid waste type is not listed, use one of the "Other" lines and fill in the name of the waste. If more "Other" lines are needed, cross out an unused type and fill in the other solid waste name. If still more "Other" lines are needed, attach another copy of this page, cross out an unused type, and fill in the other solid waste name.

SECTION 3 – SERVICE AREA OF SOLID WASTE RECEIVED

Please identify where the waste is coming from. The total tons received reported below should equal the total tons received in Section 2 (Solid Waste Received). **DO NOT REPORT IN CUBIC YARDS!**

- If the waste **WAS** received from another solid waste management facility, please write in the name and address of the facility along with the appropriate state, county and planning unit/municipality.
- If the waste **WAS NOT** received from another solid waste management facility, please write in "**Direct Haul**" along with the appropriate state, county and planning unit/municipality where the waste was generated.

Specify transport method, list type of material(s) and percentages of total waste transported by each:

100 % Road: Waste Type(s): Residential Waste % Rail: Waste Type(s): _____
 _____ % Water: Waste Type(s): _____ % Other (specify: _____): Waste Type(s): _____

SERVICE AREA OF SOLID WASTE RECEIVED (where the waste is coming from)					
TYPE OF SOLID WASTE	SOLID WASTE MANAGEMENT FACILITY FROM WHICH IT WAS RECEIVED (Name & Address) OR " Direct Haul "	SERVICE AREA STATE OR COUNTRY	SERVICE AREA COUNTY OR PROVINCE	SERVICE AREA NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECEIVED
Asbestos					
Construction & Demolition (C&D) Debris					
Industrial Waste (Including Industrial Process Sludges)					

SERVICE AREA OF SOLID WASTE RECEIVED (where the waste is coming from)					
TYPE OF SOLID WASTE	SOLID WASTE MANAGEMENT FACILITY FROM WHICH IT WAS RECEIVED (Name & Address) OR "Direct Haul"	SERVICE AREA STATE OR COUNTRY	SERVICE AREA COUNTY OR PROVINCE	SERVICE AREA NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECEIVED
Municipal Solid Waste (MSW) (Residential, Institutional & Commercial)	Direct Haul	New York	Kings County	Hamilton Marine	389,448.28
Oil/Gas Drilling Waste					
Petroleum Contaminated Soil					
Treated Regulated Medical Waste (TRMW)*					
Emergency Authorization Waste (Storm Debris)					
Septage					
Other (specify)					
TOTAL RECEIVED (tons):					389,448.28

* List generators that provide you Certificates of Treatment forms and quantities of TRMW from each _____

If the solid waste type is not listed, use one of the "Other" lines and fill in the name of the waste. If more "Other" lines are needed, cross out an unused type and fill in the other solid waste name. If still more "Other" lines are needed, attach another copy of this page, cross out an unused type, and fill in the other solid waste name.

SECTION 4 - TRANSFER OR DISPOSAL DESTINATION

Please identify destination of waste. Please only include waste sent off-site for disposal or further transfer prior to disposal. Exclude Recyclable Material amounts reported in Section 5. DO NOT REPORT IN CUBIC YARDS!

- If the waste is being sent to another facility for transfer or processing prior to disposal (e.g. Transfer facility or C&D debris handling and recovery facility), please identify name, address, corresponding State/Country, County/Province, and Destination Planning Unit of the transfer destination and the amount of waste transferred in the "Amount to Transfer Destination" column.
- If the waste is being sent to a landfill or combustor, please identify the name, address, corresponding State/Country, County/Province, and Destination Planning Unit of the disposal destination and the amount of waste being sent for disposal in the "Amount to Disposal Destination" column.

Specify transport method, list type of material(s) and percentages of total waste transported by each:

_____ % Road: Waste Type(s): _____ _____ % Rail: Waste Type(s): _____
 100 % Water: Waste Type(s): Residential Waste _____ % Other (specify: _____): Waste Type(s): _____

TRANSFER OR DISPOSAL DESTINATION							
TYPE OF SOLID WASTE	SOLID WASTE MANAGEMENT FACILITY TO WHICH IT WAS SENT (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	AMOUNT TO TRANSFER DESTINATION (TONS)	AMOUNT TO DISPOSAL DESTINATION (TONS)	TOTAL YEAR (TONS)
Asbestos							
Construction & Demolition (C&D) Debris							
Industrial Waste (Including Industrial Process Sludges)							

TRANSFER OR DISPOSAL DESTINATION							
TYPE OF SOLID WASTE	SOLID WASTE MANAGEMENT FACILITY TO WHICH IT WAS SENT (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	AMOUNT TO TRANSFER DESTINATION (TONS)	AMOUNT TO DISPOSAL DESTINATION (TONS)	TOTAL YEAR (TONS)
Municipal Solid Waste (MSW) (Residential, Institutional & Commercial)	High Acres Landfill, 425 Perinton Pkwy Fairport NY 14450	NY	Monroe County			0	0
	Atlantic Landfill, 3474 Atlantic Lane Waverly VA 23890	VA	Sussex County			9,063.55	9,063.55
	Amelia Landfill 2022 Maplewood Road Jetersville VA 23063	VA	Amelia County			360,834.19	360,834.19
Oil/Gas Drilling Waste							
Petroleum Contaminated Soil							
Sewage Treatment Plant Sludge							
Treated Regulated Medical Waste							
Emergency Authorization Waste (Storm Debris)							
Septage							
Other (specify)							
					TOTAL SENT (tons): 369,897.74		

If the waste type is not listed, use one of the "Other" lines and fill in the name of the material. If more "Other" lines are needed, cross out an unused type and fill in the other waste name. If still more "Other" lines are needed, attached another copy of this page, cross out an unused type, and fill in the other waste name.

SECTION 5 – PERMITTED TRANSFER FACILITY RECYCLABLE & RECOVERED MATERIALS

A. Recyclables Received

Is your facility also a permitted or registered Recyclables Handling & Recovery Facility?

☐ Yes; Complete Section 5 for material recovered from the mixed solid waste stream. Complete a Recyclables Handling & Recovery Facility (RHRF) form for material received as source separated. The RHRF form is located at: <http://www.dec.ny.gov/chemical/52706.html>.

☒ No; Complete Section 5 for material recovered from the mixed solid waste stream and for material received as source separated.

Material	Tip Fee (\$/Ton)	January (tons)	February (tons)	March (tons)	April (tons)	May (tons)	June (tons)	July (tons)
Commingled Containers (metal, glass, plastic)								
Commingled Paper (all grades)								
Single Stream (total)								
Tree Debris								
Food Scraps								
Yard Trimmings (curbside)								
Other (specify)								
Total Tons Received								
Material	August (tons)	September (tons)	October (tons)	November (tons)	December (tons)	Total Year (tons)		Daily Avg. (tons)
Commingled Containers (metal, glass, plastic)								
Commingled Paper (all grades)								
Single Stream (total)								
Tree Debris								
Food Scraps								
Yard Waste (curbside)								
Other (specify)								
Total Tons Received								

If the material type is not listed, use one of the "Other" lines and fill in the name of the material. If more "Other" lines are needed, cross out an unused type and fill in the other materials name. If still more "Other" lines are needed, attached another copy of this page, cross out an unused type, and fill in the other materials name.

SECTION 5 – PERMITTED TRANSFER FACILITY RECYCLABLE & RECOVERED MATERIALS

B. Service Area of Recyclable Material Received

Please identify where the materials are coming from, DO NOT REPORT IN CUBIC YARDS!

- If the materials **WERE** received from another solid waste management facility, please write in the name and address of the facility along with the appropriate state, county and planning unit/municipality.
- If the materials **WERE NOT** received from another solid waste management facility, please write in "**Direct Haul**" along with the appropriate state, county and planning unit/municipality where the materials were generated.

Specify transport method, list type of material(s) and percentages of total material transported by each:

_____ % Road: Material(s): _____ _____ % Rail: Material(s): _____
 _____ % Water: Material(s): _____ _____ % Other (specify: _____): Material(s): _____

SERVICE AREA OF RECYCLABLE MATERIAL RECEIVED (where the material is coming from)					
MATERIAL	SOLID WASTE MANAGEMENT FACILITY FROM WHICH IT WAS RECEIVED (Name & Address) OR " Direct Haul "	STATE OR COUNTRY	COUNTY OR PROVINCE	NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECEIVED
Commingled Containers (metal, glass, plastic)					
Commingled Paper (all grades)					
Single Stream (total)					
Tree Debris					
Food Scraps					
Yard Trimmings (curbside)					
Other (specify)					
TOTAL RECEIVED (tons):					_____

If the material type is not listed, use one of the "Other" lines and fill in the name of the material. If more "Other" lines are needed, cross out an unused type and fill in the other materials name. If still more "Other" lines are needed, attached another copy of this page, cross out an unused type, and fill in the other materials name.

SECTION 5 – PERMITTED TRANSFER FACILITY RECYCLABLE & RECOVERED MATERIALS (continued)

C. Material Recovered

Please identify destination of recovered materials. Indicate the name of the facility, address, corresponding State/Country, County/Province, Destination Planning Unit/Municipality and the amount of material transferred. **DO NOT REPORT IN CUBIC YARDS!**

Specify transport method, list type of material(s) and percentages of total waste transported by each:

_____ % Road: Material Type(s): _____ _____ % Rail: Material Type(s): _____
 _____ % Water: Material Type(s): _____ _____ % Other (specify: _____): Material Type(s): _____

PAPER RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Commingled Paper (all grades)					
Corrugated Cardboard					
Junk Mail					
Magazines					
Newspaper					
Office Paper					
Paperboard / Boxboard					
Other Paper (specify)					
TOTAL PAPER RECOVERED (tons):					

If the material type is not listed, use one of the "Other" lines and fill in the name of the material. If more "Other" lines are needed, cross out an unused type and fill in the other materials name. If still more "Other" lines are needed, attached another copy of this page, cross out an unused type, and fill in the other materials name.

SECTION 5 – PERMITTED TRANSFER FACILITY RECYCLABLE & RECOVERED MATERIALS (continued)

C. Material Recovered

GLASS RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Container Glass					
Industrial Scrap Glass					
Other Glass (specify)					
TOTAL GLASS RECOVERED (tons):					
METAL RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Aluminum Foil / Trays					
Bulk Metal (from MSW)					
Bulk Metal (from CD debris)					
Enameled Appliances / White Goods					
Industrial Scrap Metal					
Tin & Aluminum Containers					
Other Metal (specify)					
TOTAL METAL RECOVERED (tons):					

If the material type is not listed, use one of the "Other" lines and fill in the name of the material. If more "Other" lines are needed, cross out an unused type and fill in the other materials name. If still more "Other" lines are needed, attached another copy of this page, cross out an unused type, and fill in the other materials name.

SECTION 5 – PERMITTED TRANSFER FACILITY RECYCLABLE & RECOVERED MATERIALS (continued)

D. Material Recovered

PLASTIC RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Commingled Plastic (#1 - #7)					
PET (plastic #1)					
HDPE (plastic #2)					
Other Rigid Plastics (#3 - #7)					
Industrial Scrap Plastic					
Plastic Film & Bags					
Other Plastics (specify)					
TOTAL PLASTIC RECOVERED (tons):					
MISCELLANEOUS MATERIAL RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Electronics					
Textiles					
Other (specify)					
TOTAL MISCELLANEOUS MATERIAL RECOVERED (tons):					

If the material type is not listed, use one of the "Other" lines and fill in the name of the material. If more "Other" lines are needed, cross out an unused type and fill in the other materials name. If still more "Other" lines are needed, attached another copy of this page, cross out an unused type, and fill in the other materials name.

SECTION 5 – PERMITTED TRANSFER FACILITY RECYCLABLE & RECOVERED MATERIALS (continued)

C. Material Recovered

MIXED MATERIAL RECOVERED					
RECOVERED MIXED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Commingled Containers (metal, glass, plastic)					
Commingled Paper & Containers					
Single Stream (total)					
Other (specify)					
TOTAL MIXED MATERIAL RECOVERED (tons):					
ORGANIC MATERIAL RECOVERED					
RECOVERED MATERIAL	DESTINATION (Name & Address)	DESTINATION STATE OR COUNTRY	DESTINATION COUNTY OR PROVINCE	DESTINATION NYS PLANNING UNIT (See Attached List of NYS Planning Units)	TONS RECOVERED (out of facility)
Tree Debris					
Food Scraps					
Yard Trimmings (curbside)					
Other (specify)					
TOTAL ORGANIC MATERIAL RECOVERED (tons):					

If the material type is not listed, use one of the "Other" lines and fill in the name of the material. If more "Other" lines are needed, cross out an unused type and fill in the other materials name. If still more "Other" lines are needed, attached another copy of this page, cross out an unused type, and fill in the other materials name.

SECTION 6 – UNAUTHORIZED SOLID WASTE

Has unauthorized solid waste been received at the facility during the reporting period?

☐ Yes ☒ No If yes, give information below for each incident (attach additional sheets if necessary):

Date Received	Type Received	Date Disposed	Disposal Method & Location

Radiation Monitoring

Does your facility use a fixed radiation monitor? X Yes No

Identify Manufacturer Ludlum and Model 375-P-1000 of fixed unit.

Does your facility use a portable radiation monitor? Yes X No

Identify Manufacturer and Model of fixed unit.

If the radiation monitors have been triggered give information below for each incident:



sanitation

Javier D. Lojan Acting Commissioner

Information for Section 6: Unauthorized Solid Waste, Radiation Monitor Detection Incidents

Facility: Hamilton Avenue MTS
Produced: February 13, 2026

Incident Number	Received		Hauler	Origin	Truck Number	Reading %	Disposal Status
	Date	Time					
2025-0015	1/13/2025	2030	DSNY	BROOKLYN	25DN-180	4928 CPS	COMPLETED
2025-0013	1/13/25	0235	DSNY	BROOKLYN	25DY-315	6145 CPS	COMPLETED
2025-0016	1/14/25	0135	DSNY	BROOKLYN	25DN-894	83376CPS	COMPLETED
2025-0019	1/15/25	0030	DSNY	BROOKLYN	25DN-810	3381CPS	COMPLETED
2025-0025	1/18/2025	0840	DSNY	BROOKLYN	25DY-239	70887 CPS	COMPLETED
2025-0033	1/22/2025	1521	DSNY	BROOKLYN	25DY-814	8962 CPS	COMPLETED
2025-0038	1/27/25	0330	DSNY	BROOKLYN	25DN-508	4395 CPS	COMPLETED
2025-0042	1/28/2025	0330	DSNY	BROOKLYN	25DY-728	7872 CPS	COMPLETED
2025-0045	1/31/2025	1855	DSNY	BROOKLYN	25DY-743	5591 CPS	COMPLETED
2025-0053	2/8/2025	1507	DSNY	BROOKLYN	25FA-208	7323 CPS	COMPLETED
2025-0056	2/13/2025	0230	DSNY	BROOKLYN	25DY-728	6917 CPS	COMPLETED
2025-0060	2/15/25	0147	DSNY	BROOKLYN	25DY-806	3765CPS	COMPLETED
2025-0067	2/22/2025	0832	DSNY	BROOKLYN	25DY-814	5035 CPS	COMPLETED
2025-0082	2/26/2025	0300	DSNY	BROOKLYN	25DY-637	4669 CPS	COMPLETED
2025-0091	3/4/2025	0145	DSNY	BROOKLYN	25DY-811	4283CPS	COMPLETED
2025-0093	3/5/2025	0120	DSNY	BROOKLYN	25DN-892	5392CPS	COMPLETED
2025-0096	3/7/2025	1845	DSNY	BROOKLYN	25DN-747	4547 CPS	COMPLETED
2025-0107	3/11/2025	0355	DSNY	BROOKLYN	25DN-880	7696CPS	COMPLETED
2025-0111	3/12/2025	0744	DSNY	BROOKLYN	25DY-326	4144 CPS	COMPLETED
2025-0123	3/17/2025	1820	DSNY	BROOKLYN	25DY-811	46880 CPS	COMPLETED
2025-0127	3/19/2025	0754	DSNY	BROOKLYN	25DY-326	5667 CPS	COMPLETED
2025-0130	3/20/2025	1840	DSNY	BROOKLYN	25DN-639	38717 CPS	COMPLETED
2025-0138	3/24/2025	2225	DSNY	BROOKLYN	25DN-322	30119CPS	COMPLETED
2025-0141	3/25/2025	1830	DSNY	BROOKLYN	25FA-077	82781 CPS	COMPLETED
2025-0142	3/25/2025	2300	DSNY	BROOKLYN	25DY-238	3424 CPS	COMPLETED
2025-0146	3/27/2025	2022	DSNY	BROOKLYN	25FA-109	3173 CPS	COMPLETED
2025-0148	3/28/2025	1744	DSNY	BROOKLYN	25FB-019	4985 CPS	COMPLETED
2025-0152	3/31/2025	0222	DSNY	BROOKLYN	25FA-211	69894 CPS	COMPLETED
2025-0160	4/2/2025	0758	DSNY	BROOKLYN	25DY-326	5062 CPS	COMPLETED
2025-0162	4/2/2025	2345	DSNY	BROOKLYN	25FA-144	56345 CPS	COMPLETED
2025-1934	4/5/2025	1048	DSNY	BROOKLYN	23Z-309	8279 CPS	COMPLETED
2025-1942	4/5/2025	1630	DSNY	BROOKLYN	25DN-515	5318 CPS	COMPLETED
2025-1950	4/7/2025	0301	DSNY	BROOKLYN	25DN-645	677600 CPS	COMPLETED
2025-2080	4/12/2025	0345	DSNY	BROOKLYN	25DY-728	5738CPS	COMPLETED
2025-2235	4/22/2025	0903	DSNY	BROOKLYN	25DY-078	111776 CPS	COMPLETED
2025-2432	5/2/2025	0947	DSNY	BROOKLYN	25DY-815	48541 CPS	COMPLETED
2025-2525	5/7/2025	0915	DSNY	BROOKLYN	25DN-645	32732 CPS	COMPLETED
2025-2563	5/9/2025	1000	DSNY	BROOKLYN	25DY-814	7382 CPS	COMPLETED
2025-2634	5/13/2025	0949	DSNY	BROOKLYN	25DN-748	59872 CPS	COMPLETED
2025-2674	5/15/2025	0005	DSNY	BROOKLYN	25DY-428	6909 CPS	COMPLETED

Information for Section 6: Unauthorized Solid Waste, Radiation Monitor Detection Incidents

Facility: Hamilton Avenue MTS

Produced: February 13, 2026

Incident Number	Received		Hauler	Origin	Truck Number	Reading %	Disposal Status
	Date	Time					
2025-2705	5/15/2025	1700	DSNY	BROOKLYN	25FA-144	9280 CPS	COMPLETED
2025-2724	5/16/2025	0955	DSNY	BROOKLYN	25FB-026	3613 CPS	COMPLETED
2025-2711	5/16/2025	0254	DSNY	BROOKLYN	25DN-889	67410CPS	COMPLETED
2025-2800	5/21/2025	0230	DSNY	BROOKLYN	25DP-730	11691CPS	COMPLETED
2025-2866	5/23/2025	0943	DSNY	BROOKLYN	25FB-108	13184 CPS	COMPLETED
2025-2997	5/30/2025	2130	DSNY	BROOKLYN	25FA-210	21077CPS	COMPLETED
2025-3047	6/3/2025	0255	DSNY	BROOKLYN	25DY-237	4830CPS	COMPLETED
2025-3193	6/10/2025	2329	DSNY	BROOKLYN	25FA-210	3474CPS	COMPLETED
2025-3248	6/13/2025	0855	DSNY	BROOKLYN	25DY-815	75629 CPS	COMPLETED
2025-3316	6/17/2025	1630	DSNY	BROOKLYN	25DY-048	5011 CPS	COMPLETED
2025-3347	6/18/2025	2005	DSNY	BROOKLYN	25DN-064	22082 CPS	COMPLETED
2025-3473	6/25/2025	2045	DSNY	BROOKLYN	25DY-248	8281 CPS	COMPLETED
2025-3593	7/2/2025	0724	DSNY	BROOKLYN	25FA-204	9240 CPS	COMPLETED
2025-3727	7/9/2025	0832	DSNY	BROOKLYN	25FA-204	36538 CPS	COMPLETED
2025-3801	7/12/2025	0810	DSNY	BROOKLYN	25DN-893	16194 CPS	COMPLETED
2025-3863	7/15/2025	2045	DSNY	BROOKLYN	25FB-178	6704 CPS	COMPLETED
2025-3839	7/15/2025	0300	DSNY	BROOKLYN	25DY-806	3118 CPS	COMPLETED
2025-3875	7/16/2025	0827	DSNY	BROOKLYN	25DY-814	8846 CPS	COMPLETED
2025-3868	7/16/2025	0228	DSNY	BROOKLYN	25DN-752	3618 CPS	COMPLETED
2025-3891	7/17/2025	0325	DSNY	BROOKLYN	25DY-236	5125CPS	COMPLETED
2025-3967	7/22/2025	0400	DSNY	BROOKLYN	25DY-719	4086 CPS	COMPLETED
2025-3992	7/24/2025	1855	DSNY	BROOKLYN	25FA-408	12933 CPS	COMPLETED
2025-4060	7/26/2025	0325	DSNY	BROOKLYN	25FA-408	5933 CPS	COMPLETED
2025-4115	7/29/2025	1027	DSNY	BROOKLYN	25FB-134	9826 CPS	COMPLETED
2025-4167	7/31/2025	1840	DSNY	BROOKLYN	25DY-235	6342 CPS	COMPLETED
2025-4472	8/18/2025	0835	DSNY	BROOKLYN	25DY-532	10763 CPS	COMPLETED
2025-4631	8/27/2025	0830	DSNY	BROOKLYN	25DY-407	5264 CPS	COMPLETED
2025-4644	9/3/2025	1038	DSNY	BROOKLYN	25DY-625	4349 CPS	COMPLETED
2025-4822	9/8/2025	0931	DSNY	BROOKLYN	25DY-827	4062 CPS	COMPLETED
2025-4841	9/9/2025	0250	DSNY	BROOKLYN	25DN-711	20666 CPS	COMPLETED
2025-4918	9/12/2025	1017	DSNY	BROOKLYN	25DY-815	4594 CPS	COMPLETED
2025-4947	9/13/2025	1905	DSNY	BROOKLYN	25DY-629	6909 CPS	COMPLETED
2025-5029	9/18/2025	0205	DSNY	BROOKLYN	25DY-724	93440 CPS	COMPLETED
2025-5092	9/20/2025	1054	DSNY	BROOKLYN	25FB-051	77480 CPS	COMPLETED
2025-5186	9/25/2025	0859	DSNY	BROOKLYN	25DY-085	18058 CPS	COMPLETED
2025-5227	9/27/2025	0953	DSNY	BROOKLYN	25FB-187	110086 CPS	COMPLETED
2025-5222	9/27/2025	0210	DSNY	BROOKLYN	25DN-458	4842 CPS	COMPLETED
2025-5362	10/6/2025	0200	DSNY	BROOKLYN	25DN-168	3931 CPS	COMPLETED
2025-5426	10/8/2025	1033	DSNY	BROOKLYN	25DY-724	6165 CPS	COMPLETED
2025-5598	10/17/2025	10:30	DSNY	BROOKLYN	25DY-815	15901 CPS	COMPLETED
2025-5618	10/18/2025	0300	DSNY	BROOKLYN	25DY-234	21022 CPS	COMPLETED
2025-5706	10/22/2025	2020	DSNY	BROOKLYN	25DN-713	32178 CPS	COMPLETED
2025-5701	10/22/2025	1342	DSNY	BROOKLYN	25DN-522	12682 CPS	COMPLETED
2025-5849	10/29/2025	1735	DSNY	BROOKLYN	25DY-102	21146 CPS	COMPLETED
2025-5976	11/5/2025	850	DSNY	BROOKLYN	25FB-423	9661 CPS	COMPLETED
2025-6229	11/19/2025	0300	DSNY	BROOKLYN	25FA-010	37152 CPS	COMPLETED
2025-6262	11/20/2025	0300	DSNY	BROOKLYN	25DY-805	19773CPS	COMPLETED

Information for Section 6: Unauthorized Solid Waste, Radiation Monitor Detection Incidents

Facility: Hamilton Avenue MTS

Produced: February 13, 2026

	Received						
Incident Number	Date	Time	Hauler	Origin	Truck Number	Reading %	Disposal Status
2025-6417	11/28/2025	0230	DSNY	BROOKLYN	25DN-644	5008 CPS	COMPLETED
2025-6435	11/28/2025	1350	DSNY	BROOKLYN	25DY-102	75235 CPS	COMPLETED
2025-6591	12/6/2025	1800	DSNY	BROOKLYN	25DY-626	8693 CPS	COMPLETED
2025-5747	10/24/2025	2035	DSNY	BROOKLYN	25DP-841	46480 CPS	COMPLETED
2025-6121	11/13/2025	1133	DSNY	BROOKLYN	25DY-540	27810 CPS	COMPLETED
2025-6483	12/1/2025	1905	DSNY	BROOKLYN	25FB-135	8003 CPS	COMPLETED
2025-6867	12/16/2025	1410	DSNY	BROOKLYN	25DY-329	13155 CPS	COMPLETED
2025-6502	12/2/2025	1650	DSNY	BROOKLYN	25FB-133	12294 CPS	COMPLETED
2025-7024	12/23/2025	1435	DSNY	BROOKLYN	25DY-540	75898 CPS	COMPLETED
2025-6563	12/5/2025	0950	DSNY	BROOKLYN	25DY-815	5424 CPS	COMPLETED

SECTION 7 - COST ESTIMATES AND FINANCIAL ASSURANCE DOCUMENTS

Are there required cost estimates and financial assurance documents for closure?

☒ Yes ☐ No

If yes, attach additional sheets reflecting annual adjustments for inflation and any changes to the Closure Plan?

SECTION 8 – PROBLEMS

Were any problems encountered during the reporting period (e.g., specific occurrences which have led to changes in facility procedures)?

☐ Yes ☒ No If yes, attach additional sheets identifying each problem and the methods for resolution of the problem.

SECTION 9 – CHANGES

Were there any changes from approved reports, plans, specifications, and permit conditions?

☐ Yes ☒ No If yes, attach additional sheets identifying changes with a justification for each change.

SECTION 10 - PERMIT/CONSENT ORDER REPORTING REQUIREMENTS

Are there any additional permit/consent order reporting requirements not covered by the previous sections of this form?

☐ Yes ☒ No If yes, attach additional sheets identifying the reporting requirements with their respective responses.

SECTION 11 - SIGNATURE AND DATE BY OWNER OR OPERATOR

Owner or Operator must sign, date and submit one completed form to the appropriate Regional Office (See attachment for Regional Office addresses, email addresses and Materials Management Contacts).

The Owner or Operator must also submit one copy by email, fax or mail to:

**New York State Department of Environmental Conservation
Division of Materials Management
Bureau of Solid Waste Management
625 Broadway
Albany, New York 12233-7260
Fax 518-402-9041
Email address: SWMFannualreport@dec.ny.gov**

I certify, under penalty of law, that the data and other information identified in this report have been prepared under my direction and supervision in compliance with a system designed to ensure that qualified personnel properly and accurately gather and evaluate this information. I am aware that any false statement I make in such report is punishable pursuant to section 24-2703(2) of the Environmental Conservation Law and section 210.45 of the Penal Law.

Signature

2/20/26

Date

John Capo

Name (Print or Type)

Director of Solid Waste Management

Title (Print or Type)

646 885 4693

Phone Number

125 Worth Street

Address

New York

City

NY 10013

State and Zip

JCapo@dsny.nyc.gov

Email (Print or Type)

ATTACHMENTS: X YES NO (Please check appropriate line)



sanitation

Javier D. Lojan Acting Commissioner

Attachment 1: Information for Section 7

The following document has been excerpted from the New York City's Annual Comprehensive Financial Report of the Comptroller, Pages 118-122, Notes to Financial Statements, Pollution Remediation Obligations

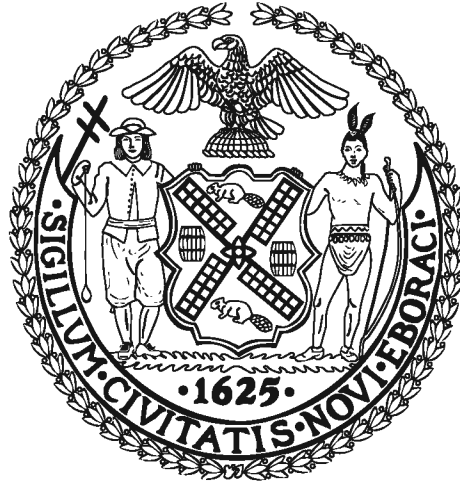
This report is accessible on the Comptroller's website at:
<https://comptroller.nyc.gov/wp-content/uploads/2025/11/ACFR-2025.pdf>

Description:

Excerpted Notes to Financial Statement (ACFR Fiscal Years Ended June 30, 2025 and 2024):

Landfill Closure and Post-closure Care Costs, and Pollution Remediation Obligations Including financial assurance estimates for the Fresh Kills Landfill, the Newtown Creek Superfund Remediation Project, and the following Marine Transfer Stations: North Shore, Hamilton Avenue, Southwest Brooklyn, East 91st Street, and West 59th Street.

**THE CITY
OF
NEW YORK
NEW YORK**



**ANNUAL COMPREHENSIVE
FINANCIAL REPORT
OF THE
COMPTROLLER
FOR THE
FISCAL YEARS ENDED JUNE 30, 2025 AND 2024**

BRAD LANDER
Comptroller

Landfill Closure and Postclosure Care Costs

The City's only active landfill after October 9, 1993 was the Fresh Kills landfill, which has been closed since 2002. Upon the landfill becoming inactive, the City was required by Federal and State law, and under Consent Order with the State Department of Environmental Conservation to complete the Final Closure Plan, and to provide postclosure care for a minimum period of 30 years following closure. The Final Closure Plan includes the construction of final cover, stormwater management, leachate mitigation and/or corrective measures, and landfill gas control systems. Postclosure care includes environmental monitoring, and the operation, maintenance, record keeping and reporting for the final closure systems.

The liability for these activities as of June 30, 2025, for all inactive landfills and hazardous waste sites, equates to the total estimated current cost of \$1.19 billion. There are no costs remaining to be recognized. Cost estimates are based on current data including contracts awarded by the City, contract bids, and engineering studies. These estimates are subject to adjustment for inflation and to account for any changes in landfill conditions, regulatory requirements, technologies, or cost estimates. For government-wide financial statements, the liability for closure and postclosure care is based on total estimated current cost. For fund financial statements, expenditures are recognized using the modified accrual basis of accounting when the related liability is incurred and the payment is due.

Resource Conservation and Recovery Act Subtitle D Part 258, which became effective April, 1997, requires financial assurance regarding closure and postclosure care. This assurance was most recently provided, on March 15, 2023, by the City's Chief Financial Officer placing in the Fresh Kills landfill operating record representations in satisfaction of the Local Government Financial Test. As of June 30, 2025, the financial assurance cost estimate for the Fresh Kills Landfill is \$899 million.

The City has five inactive hazardous waste sites not covered by the EPA rule. The City has recorded the long-term liability for these postclosure care costs in the government-wide financial statements.

During Fiscal Year 2025, expenditures for landfill and inactive hazardous waste site closure and postclosure care costs totaled \$18.1 million.

The following represents the City's total landfill and hazardous waste sites liability which is recorded in the government-wide

Statement of Net Position:

	2025	2024
	(in thousands)	
Landfill	\$1,091,473	\$1,064,506
Hazardous waste sites	106,336	111,361
Total landfill and hazardous waste sites liability	<u>\$1,197,809</u>	<u>\$1,175,867</u>

Pollution Remediation Obligations

The pollution remediation obligations (PROs) at June 30, 2025 and June 30, 2024, summarized by obligating event and pollution type, respectively, are as follows:

<u>Obligating Event</u>	<u>Fiscal Year 2025</u>		<u>Fiscal Year 2024</u>	
	<u>Amount</u>	<u>Percentage</u>	<u>Amount</u>	<u>Percentage</u>
	(in thousands)		(in thousands)	
Imminent endangerment	\$ 15	0.01%	\$ 15	0.02%
Named by regulator as a potentially responsible party	65,426	24.64	65,267	22.41
Voluntary commencement	200,027	75.35	225,818	77.57
Total	<u>\$265,468⁽¹⁾</u>	<u>100.00%</u>	<u>\$291,100⁽¹⁾</u>	<u>100.00%</u>

<u>Pollution Type</u>	<u>Amount</u>	<u>Percentage</u>	<u>Amount</u>	<u>Percentage</u>
	(in thousands)		(in thousands)	
Asbestos removal	\$125,648	47.34%	\$166,599	57.23%
Lead paint removal	20,932	7.88	12,546	4.31
Soil remediation	16,072	6.05	19,129	6.57
Water remediation	50,791	19.13	50,791	17.45
Other	52,025	19.60	42,035	14.44
Total	<u>\$265,468⁽¹⁾</u>	<u>100.00%</u>	<u>\$291,100⁽¹⁾</u>	<u>100.00%</u>

⁽¹⁾ There are no expected recoveries to reduce the liability.

The PRO liability is derived from registered multi-year contracts which offsets cumulative expenditures (liquidated/unliquidated) against original encumbered contractual amounts. The potential for changes to existing PRO estimates is recognized due to such factors as: additional remediation work arising during the remediation of an existing pollution project; remediation activities may find unanticipated site conditions resulting in necessary modifications to work plans; changes in methodology during the course of a project may cause cost estimates to change, e.g., the new ambient air quality standard for lead considered a drastic change will trigger the adoption of new/revised technologies for compliance purposes; and changes in the quantity which is paid based on actual field measured quantity for unit price items measured in cubic meters, linear meters, etc. Consequently, changes to original estimates are processed as change orders. Further, regarding pollution remediation liabilities that are not yet recognized because they are not reasonably estimable, the Law Department relates that the City has approximately 59 cases in total, 57 cases involving hazardous substances, including spills from above and underground storage tanks, and other contamination on, or caused by facilities on City-owned property; and there are two case involving Drinking Water and one miscellaneous case. Due to the uncertainty of the legal proceedings, future liabilities cannot be estimated.

The City, in compliance with the State Department of Environmental Conservation Permit Numbers 2-6302-00007/00019, 2-6102-00010/00013, 2-6106-00002/00022, 2-6204-007/00013, and 2-6202-00005/00017 issued pursuant to 6 NYCRR Part 360, must provide financial assurance for the closure of the following Marine Transfer Stations: North Shore, Hamilton Avenue, Southwest Brooklyn, East 91st Street, and West 59th Street. Such surety instrument must conform to the requirements of 6 NYCRR Part 360.12. The liability for closure as of June 30, 2025, which equates to the total current closure cost, is \$1.26 million for North Shore, \$1.11 million for Hamilton Avenue, \$1.04 million for Southwest Brooklyn, \$1.3 million for East 91st Street, and \$273 thousand for West 59th Street. The cost estimates are based on current data and are representative of the cost that would be incurred by an independent party. The estimates are subject to adjustment for inflation and to account for changes in regulatory requirements or cost estimates. For government-wide financial statements, the liability for closures is based on total estimated current costs. For fund financial statements, expenditures are recognized using the modified accrual basis of accounting when the closure costs are incurred, and the payment is due. The total liability equaling the total closure costs for the transfer stations of \$4.98 million is included under the Pollution Type Other in the table above.

On Monday, October 29, 2012, Superstorm Sandy hit the Mid-Atlantic East Coast. The storm caused widespread damage to the coastal and other low-lying areas of the City and power failures in various parts of the City, including most of downtown Manhattan, the south shore of Staten Island, and the communities surrounding Jamaica Bay in Brooklyn and Queens. On January 29, 2013, President Obama signed legislation providing for approximately \$50.5 billion in storm-related aid for the region affected by the storm. Although it is not possible for the City to quantify the full, long-term impact of the storm on the City and its economy, the current estimate of the direct costs to the City, NYCHH and NYCHA is approximately \$10.7 billion (comprised of approximately \$1.8 billion of expense costs and approximately \$8.9 billion of capital project costs). Such direct costs represent funding for emergency response, debris removal, emergency protective measures, repair of damaged infrastructure and long-term hazard mitigation investments. In addition to such direct costs, the City is delivering Sandy-related disaster recovery assistance services, benefiting impacted communities, businesses, homeowners and renters (Community Costs). The City anticipates that funding for Community Costs will be primarily reimbursed with federal funds. However, the City is responsible for \$134 million of such Community Costs, which are reflected in the Financial Plan. In addition, the City may be responsible for up to approximately \$150 million of additional Community Costs, which are not reflected in the Financial Plan.

The Financial Plan assumes that the direct costs described above will largely be paid from non-City sources, primarily the federal government, and that the Community Costs described above will be primarily reimbursed by federal funds. The City expects reimbursements to come from two separate federal sources of funding, FEMA and HUD. The City has secured approximately \$10.8 billion in FEMA assistance and other federal emergency response grants (FEMA Funding). The maximum reimbursement rate from FEMA is 90 percent of total costs. Other federal emergency response grants may have larger local share percentages. The City expects to use \$720 million of Community Development Block Grant Disaster Recovery funding allocated by HUD to meet the local share requirements of the FEMA Funding, as well as recovery work not funded by FEMA or other federal emergency response grants for the direct costs described above. This allocation would be available to fill gaps in such FEMA Funding. No assurance can be given that the City will be reimbursed for all of its costs or that such reimbursements will be received within the time periods assumed in the Financial Plan. There is no assurance, if the City were to experience a similar storm in the future, that non-City sources, including the federal government, would pay the costs.

On September 1, 2021, Hurricane Ida hit the Mid-Atlantic East Coast as a post-tropical cyclone (Ida), bringing significant rainfall and resulting in severe flooding in parts of the City, including primarily inland areas. Rainfall from Ida exceeded the previous record for the most single-hour rainfall in the City and for the first time the National Weather Service declared a flash flood emergency in the City. Ida resulted in the deaths of 13 people in the City, 11 of which occurred in basement housing units.

Since 2007, the City has been engaged in strategic planning for climate change, recognizing the challenges it presents for City operations and infrastructure. Among other things, the City created the New York City Panel on Climate Change (the NPCC), a body of more than a dozen leading independent climate and social scientists. Since 2008, NPCC has analyzed climate trends, developed projections, explored key impacts, issued reports (the NPCC Reports) and advised on response strategies for the City. The NPCC determined that the City is already experiencing the impacts of climate change and projects dramatic impacts on the City in the future. Climate change is causing more extreme heat, extreme rainfall, coastal storm surge, and chronic tidal flooding. NPCC projections form the basis for the City's climate resiliency planning, which involves coordination and cooperation among multiple public and private stakeholders, and expansion of ongoing maintenance and development of municipal infrastructure as well as specific initiatives such as those described below.

Reducing risk from extreme rainfall requires a multi-layered strategy with investments in infrastructure adaptation, building level protection, data collection, and community engagement. In July 2022, the City released the Rainfall Ready NYC action plan, a plan to prepare the City for more extreme rainfall in the future. The City continues to install grey infrastructure, such as building out a comprehensive storm sewer system in Southeast Queens, and green infrastructure, such as rain gardens and bluebelt wetlands, to manage stormwater and protect water quality. This work is being carried out by DEP and funding is included in the City's capital budget. The City is also working to develop Cloudburst management projects that will use grey and green infrastructure to absorb, store and transfer rainwater during extreme storm events.

Building on NPCC's recommendations, prior recommendations released after Ida hit the City and the City's strategic planning, the City released PlaNYC: Getting Sustainability Done (PlaNYC 2023) in April 2023. PlaNYC 2023 addresses some of the risks identified in the NPCC Reports. Among other things, PlaNYC 2023 includes measures to address the biggest risks to the City associated with climate change, including extreme heat and flooding from extreme rainfall, coastal storms and tidal flooding due to sea level rise. PlaNYC 2023 also describes measures to reduce economy-wide greenhouse gas emissions and initiatives to transition away from polluting fossil fuels to clean energy. The total costs of implementing all of PlaNYC 2023's recommendations, including those relating to extreme rainfall, would be substantial and in some cases would require State and federal funding alongside additional City funding.

In 2023, the City launched Climate Strong Communities (CSC), an initiative of the New York City Mayor's Office of Climate and Environmental Justice that aims to build resiliency and sustainability infrastructure to reduce risks from climate change in environmental justice areas. CSC is grounded in environmental justice and guided by three pillars: collaborating with communities, working across government, and unlocking new funding. CSC is an equitable multi-hazard planning framework that leverages infrastructure and climate funding opportunities.

The City is in the process of implementing infrastructure projects to protect areas of the City from flooding associated with extreme rainfall, storm surge, and tidal flooding due to sea level rise. (See below for additional information on the impacts of flooding.) These projects and initiatives are in various stages of feasibility review, design, construction, and implementation. Funding for these projects is expected to come from City, State and federal sources. Some projects are expected to require additional funding to the extent that they are in the planning stages or current funding does not provide for the costs of construction.

In 2023, the City created a new Bureau of Coastal Resiliency led by an Assistant Commissioner at the Department of Environmental Protection to coordinate the City's coastal resiliency work. Several major coastal resiliency projects are currently underway throughout the City, including the East Side Coastal Resiliency Project (ESCR). ESCR, which broke ground in 2021, is an integrated coastal flood protection system which will create resilient open spaces and improve waterfront access on Manhattan's east side, from East 25th Street at the north to Montgomery Street at the south. The City anticipates the entire flood protection system will be in place and operational by the end of 2026. The total expected cost of ESCR is \$1.97 billion, with remaining costs fully funded through a combination of City, federal and other funding sources.

Other projects in Lower Manhattan include constructing flood walls and deployable flip-up barriers to protect the Two Bridges neighborhood, developing a plan to extend the Manhattan shoreline from the Brooklyn Bridge to the Battery into the East River to protect the Seaport and Financial District area, and constructing an elevated waterfront esplanade in the Battery and flood barriers in Battery Park City. Coastal resilience projects are also underway in the Tottenville and Red Hook neighborhoods, and an energy resilience project is underway in Hunts Point, with shoreline reinforcement projects also happening in other identified areas of the City. These projects are in various stages of feasibility review, design, construction, and implementation. Funding for these projects is coming from City and federal sources, and \$858 million is included in the Ten-Year Capital Strategy. As the projects proceed, the City continues to monitor anticipated costs and reflects updates in the capital plan as needed.

The U.S. Army Corps of Engineers (USACE) is pursuing the South Shore of Staten Island Coastal Storm Risk Management Project (the Staten Island Project) and the Rockaways Atlantic Shorefront and Bayside Projects (the Rockaways Projects). The Staten Island Project is expected to create a 5.5-mile line of coastal protection on Staten Island between Fort Wadsworth and Oakwood Beach. USACE currently estimates that the project will cost \$1.7 billion. The City is responsible for 10.5 percent of the project costs, and the remaining project costs are to be paid for with federal and State funds. Approximately half of the City's share of such project costs is currently reflected in the Ten-Year Capital Strategy. The Rockaways Projects consist of coastal protection elements on the Atlantic shorefront and on the Jamaica Bay side of the Rockaways. Construction has begun on the Atlantic Shorefront Project, which is fully funded by the federal government, with an expected cost of approximately \$590 million. Design has started on the Bayside Project, which is fully funded by the federal government, with a current expected cost of \$253 million.

In addition to site-specific resiliency projects, the City is taking steps to integrate climate resiliency into capital planning through the NYC Climate Resiliency Design Guidelines, which translate future-looking climate change projections into technical guidance to inform the design of roads, buildings, sewer systems, hospitals, public housing, and other pieces of critical public infrastructure. In 2021, the City began a five-year pilot program through which dozens of new projects will be designed and constructed using the standards in the NYC Climate Resiliency Design Guidelines. Starting in 2027, all City projects will be required to meet a stringent set of requirements that will certify their preparedness for extreme weather threats.

In 2015, FEMA issued preliminary updated flood insurance rate maps, which would have expanded the 100-year floodplain beyond the areas designated in the flood maps issued in 2007. The City appealed the 2015 preliminary flood maps challenging the modeling FEMA used to develop them. The 2015 preliminary flood maps were adopted into the building code, but the prior 2007 flood maps remain in effect for flood insurance purposes. In 2016, FEMA agreed with the City's appeal, and the City is currently working with FEMA to update the maps. FEMA's new maps are expected to generally expand the 100-year floodplain from the 2007 flood maps and may cover different areas than the 2015 preliminary flood maps. FEMA expects to release preliminary flood maps in 2025 and expects the new flood maps to become effective in 2026 or 2027. Such expansion could negatively impact property values in those newly designated areas. In addition, an increase in areas of the City susceptible to flooding resulting from climate change could result in greater recovery costs to the City if flooding were to occur within such larger areas.

The City is committed to minimizing its own greenhouse gas emissions by reaching carbon neutrality by 2050. The City's efforts to reach such goal include promoting and investing in electrification, clean energy, energy efficiency, and sustainable transportation, and reducing energy use. Since 2014, the City has invested over \$900 million in more than 14,000 energy conservation measures across almost 2,900 buildings, comprising more than 70 percent of City government's building square footage. The investments have decreased energy use and reduced emissions by nearly 372,000 metric tons. The Ten-Year Capital Strategy includes \$3.9 billion to continue this work to reduce energy use and greenhouse gas emissions.

Despite the efforts described above, the magnitude of the impact on the City's operations, economy, or financial condition from climate change is indeterminate and unpredictable. No assurance can be given that the City will not encounter more frequent and intense climate impacts such as hurricanes, tropical storms, cloudbursts, droughts, heatwaves or catastrophic sea level rise in the future, or that such risks will not have an adverse effect on the operations, economy or financial condition of the City.

On March 2, 2010, the United States Environmental Protection Agency (EPA) listed the Gowanus Canal (the Canal), a waterway located in Brooklyn, as a federal Superfund site under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). EPA considers the City a potentially responsible party (PRP) under CERCLA, based on contaminants from currently and formerly City-owned and operated properties, from the City's combined sewer overflows (CSOs) as well as in connection with the City's ownership of portions of the Canal itself. On September 30, 2013, EPA issued the Record of Decision (Canal ROD) for the Canal, setting forth requirements for dredging contaminated sediment in the Canal and covering it with a cap as well as source control requirements. Separate from the in-Canal remedy, the Canal ROD also requires that two CSO retention tanks be constructed as part of the source control component of the remedy. The City anticipates that the actual cleanup costs—including both the in-Canal portion and the CSO portion—will substantially exceed EPA's original cost estimate for the Canal ROD.

On May 28, 2014, EPA issued a unilateral administrative order (2014 Unilateral Order) requiring the City to design the CSO retention tanks and other storm water control measures, and remediation of the First Street Basin (a currently filled-in portion of the Canal). On June 9, 2016, EPA and the City entered into an Administrative Settlement Agreement and Order (Administrative Order), under which the City agreed to milestones relating to the design of one of the CSO tanks. The City estimates that the tanks will cost approximately \$1.6 billion of which \$1.1 billion is committed and \$0.3 billion is included in the City's capital plan. The City notified EPA of delays in the completion of the design of one of the CSO retention tanks and is monitoring its ability to meet the requirements of the EPA Orders.

On March 29, 2021, EPA issued a unilateral administrative order (the 2021 Unilateral Order) to the City, requiring the City to complete design and construction of both CSO tanks by March 2029; to complete design and construction of a new bulkhead at the City-owned Salt Lot at 2nd Avenue in Brooklyn by August 2023; and to implement additional stormwater controls in the Canal sewershed. The City informed EPA that it would complete the design and construction of the CSO tanks as required in the 2021 Unilateral Order, but that it would likely be unable to meet the deadlines imposed in the 2021 Unilateral Order. Based on the concerns the City raised about the 2021 Unilateral Order, EPA modified the 2021 Unilateral Order in certain respects but declined to extend the design and construction schedules. The 2021 Unilateral Order took effect on June 30, 2021. The City may be subject to penalties stemming from alleged violations of the 2014 Unilateral Order and the Administrative Order and may also be subject to fines and/or penalties stemming from the 2021 Unilateral Order if it does not meet the design and/or construction deadlines set forth therein.

On January 28, 2020, EPA issued a new unilateral order (the 2020 Unilateral Order) to the six largest PRPs, including the City and National Grid, requiring these parties to implement the in-Canal remedy (consisting of dredging and capping of sediments) in the upper reach of the Canal. On June 27, 2024, EPA modified the 2020 Unilateral Order to include the middle reach of the Canal. In 2013 when it issued the Canal ROD, EPA estimated that the cost of this work, the first of the three phases, would be \$125 million. The City believes that these costs will be substantially higher. The City's liability for the in-Canal work is unknown at this time and may ultimately be determined through litigation.

On September 27, 2010, EPA listed Newtown Creek, the waterway on the border between Brooklyn and Queens, New York, as a Superfund site. On April 6, 2010, EPA notified the City that EPA considers the City a PRP under CERCLA for hazardous substances in Newtown Creek. In its Newtown Creek PRP notice letter, EPA identified historical City activities that filled former wetlands and low-lying areas in and around Newtown Creek and releases from formerly City-owned and operated facilities, including municipal incinerators, as well as discharges from sewers and CSO outfalls, as potential sources of hazardous substances in Newtown Creek. In July 2011, the City entered into an Administrative Settlement Agreement and Order on Consent (AOC) with EPA and five other PRPs to conduct an investigation of conditions in Newtown Creek and evaluate feasible remedies. The investigation and feasibility study for Newtown Creek is expected to proceed until 2028. The City is required to establish and maintain financial security for the benefit of the EPA in the amount of \$25 million in order to secure the full and final completion of the work required to be performed under the AOC. The City's share will be determined in a future allocation proceeding. The 2011 settlement does not cover any remedy that may ultimately be chosen by EPA to address the contamination identified as a result of the investigation and evaluation. In 2020, EPA issued a Record of Decision (CSO ROD) setting forth the remedy for CSO discharges. The CSO ROD requires no further action for CSO beyond the projects in the State-approved Newtown Creek CSO Long Term Control Plan. As part of its determination, EPA required monitoring of the City's four major CSOs to confirm the assumptions underlying the CSO ROD. In September 2022, the City entered into an Administrative Settlement Agreement and Order on Consent with EPA concerning the performance of the required monitoring (2022 AOC). The City is required to establish and maintain financial security for the benefit of the EPA in the amount of \$3 million in order to secure the full and final completion of the work required to be performed under the 2022 AOC.

The National Park Service (NPS) is undertaking a CERCLA removal action at Great Kills Park on Staten Island to address radioactive contamination that has been detected at the site and in order to advance the Staten Island Project. Great Kills Park was owned by the City until roughly 1972, when it was transferred to NPS for inclusion in the Gateway National Recreation Area. While owned by the City, the site was used as a sanitary landfill, and the park was also expanded using urban fill. NPS believes that the radioactive contamination is the result of City activities and that the City is therefore liable for the investigation and remediation under CERCLA. Previously, the City negotiated a settlement with NPS to address a remedial investigation and feasibility study. No other PRPs have been identified at this time.

Under CERCLA, a responsible party may be held liable for monies expended for response actions at a Superfund site, including investigative, planning, removal, remedial and EPA enforcement actions. A responsible party may also be ordered by EPA to take response actions itself. Responsible parties include, among others, past or current owners or operators of a facility from which there is a release of a hazardous substance that causes the incurrence of response costs. The nature, extent, and cost of response actions at the Canal, Newtown Creek, or Great Kills Park, the contribution, if any, of discharges from the City's sewer system or other municipal operations, and the extent of the City's liability, if any, for monies expended for such response actions, will likely not be determined for several years and could be material.