

ATTACHMENT VIII
DEPARTMENT OF SANITATION OPERATIONS

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DEPARTMENT OF SANITATION OPERATIONS

1.0 EXISTING OPERATIONS

The Department of Sanitation (DSNY) is the City agency responsible for managing the City's solid waste stream through the collection, disposal and recycling of residential, institutional and state- and federal agency-generated waste within the City (DSNY-managed Waste). It is also responsible for cleaning the City's streets, sidewalks and vacant lots, and in the winter, is responsible for clearing the snow and ice from approximately 6,000 miles of City streets. The agency is also tasked with the removal of abandoned vehicles from City streets, and the collection of waste from litter baskets located throughout the City.

DSNY operates 59 district garages, and manages a fleet of 2,040 rear-loading collection trucks and 450 mechanical brooms. In Fiscal Year (FY) 2006, the DSNY collected and disposed of approximately 11,800 tons of waste per day. The City's Curbside Recycling Program provides weekly collection of metal, glass, plastic and paper designated Recyclable materials, and in FY 2006, had a diversion rate of 16%.

2.0 INTERIM EXPORT

Since delivery of waste to the Fresh Kills Landfill ceased in 2001, the City has relied on Interim Export contracts for disposal (Interim Export). Under these existing Interim Export contracts, all DSNY-managed Waste is: (1) tipped at in-City, private transfer stations and transferred primarily by trailer (except for approximately 320 tpd transferred by rail from Waste Services' East 132nd Street Transfer Station and 1,800 tpd transferred by rail from the Harlem River Yard, both in the Bronx) to out-of-City disposal sites; or (2) direct-hauled in collection vehicles to out-of-City transfer stations or disposal facilities. Table VIII 2-1 lists both the in-City and out-of-City transfer stations or disposal sites that receive waste delivered by or on behalf of DSNY under current Interim Export contracts. Interim Export contracts are let by bid for specific wastesheds or boroughs. These contracts have a three-year term with two one-year renewal terms at DSNY's option. DSNY anticipates maintaining Interim Export contracts in effect until the Long Term Export facilities for specific boroughs are available for use.

**Table VIII 2-1
Facilities Utilized for Interim Export**

Borough Served	Facility Name/Operator	Facility Address	Maximum Capacities Available for DSNY-managed Waste(tpd)
Bronx	Waste Management/ Harlem River Yard	98 Lincoln Avenue, Bronx, NY	1,800
	Waste Services	920 East 132 nd Street, Bronx, NY	1,000
Brooklyn	Waste Management of NY	215 Varick Street, Brooklyn, NY	1,400
		485 Scott Avenue, Brooklyn, NY	1,400
	IESI NY Corp.	110 50 th Street, Brooklyn, NY	1,075
		577 Court Street, Brooklyn, NY	425
	BFI – Waste Services	598-636 Scholes Street, Brooklyn, NY	220
	Solid Waste Transfer and Recycling	444 Frelinghuysen Avenue, Newark, NJ	500
	LIPCo (Covanta)	1499 Route 1 North, Rahway, NJ ⁽¹⁾	125
ONYX Waste Services, Inc.	301 Maltese Drive, Totowa, NJ	250	
Manhattan and Staten Island	Waste Management of NY	666 South Front Street, Elizabeth, NJ	750
		864 Julia Street, Elizabeth, NJ	725
	Solid Waste Transfer and Recycling	444 Frelinghuysen Avenue, Newark, NJ	250
	TransRiver Marketing L.P.	Covanta, Essex County, NJ ⁽¹⁾	1,700
	Bridgewater	15 Polhemus Lane, Bridgewater, NJ	250
	ONYX	301 Maltese Drive, Totowa, NJ	250
Queens	ONYX Waste Services, Inc.	30-35 Fulton Street, Patterson, NJ	825
		301 Maltese Drive, Totowa, NJ	300
		264 Broadway, Jersey City, NJ	375
	Solid Waste Transfer and Recycling	444 Frelinghuysen Avenue, Newark, NJ	250
	Tully Environmental	127-20 34 th Avenue, Queens, NY	900
	TransRiver Marketing L.P.	Covanta, Hempstead, NY ⁽¹⁾	250
	Waste Management of NY	38-50 Review Avenue, Queens, NY	958
	Waste Management	864 Julia Street, Elizabeth, NJ	250
	Trans River Marketing	183 Raymond Blvd., Newark, NJ	250
Seneca Meadows/IESI²	172-33 Douglas Ave, Jamaica, NY	400	

Note:

⁽¹⁾ Denotes a waste-to-energy facility.

⁽²⁾ The permit for the facility at this address is held by American Recycling Management.

tpd = Tons per day.

3.0 CERTIFICATION OF DISPOSAL CAPACITY

As an element of its process to award Interim Export contracts to transfer stations or disposal facilities for three-year terms with two one-year renewals, DSNY conducts a due diligence investigation of the permit compliance status and available capacity of all the disposal facilities proposed by prospective contractors. After assuring adequate disposal and back-up disposal capacity, DSNY also contracts for an extra margin of disposal capacity to assure that disruptions at a given facility will not affect its ability to export waste. Prior to the expiration of an Interim Export contract, DSNY initiates a new bid cycle for specific wastesheds on a schedule that allows sufficient time for completion of a new contract award prior to the expiration of an existing contract. As required during the process of negotiating and approving Long Term Export contracts, DSNY will continue this cycle of Interim Export contract awards to ensure that it has sufficient disposal capacity for every wasteshed during the transition to Long Term Export contracts.

The 20-year service agreements that DSNY has negotiated or is negotiating for Long Term Export are of three types: those with private transfer station operators for wastesheds serving the Bronx, Brooklyn CDs 1, 3, 4, and 5, and Queens CDs 1 through 6 include waste transfer, transport and disposal service components; those serving the four Converted MTS and the Staten Island Transfer Station, which will be operated by DSNY forces, include only transport¹ and disposal components; and the contract with the Essex County Resources Recovery Facility that will serve Manhattan CDs 1,4, 7, 9, 10 and 12.

For both the private transfer stations and the Converted MTSs, the contractor at the beginning of each contract year must provide evidence satisfactory to the City that it has permitted and uncommitted disposal capacity at authorized disposal sites sufficient to dispose of the annual tonnage from the respective wasteshed for at least five years. To meet the Disposal Capacity Guarantee, the Contractor must provide at least two different sites designated, respectively, as

¹ Depending on the outcome of the MTS Procurement, transfer and transport contract(s) for the Converted MTSs may involve the use of transloading facilities. The FEIS in Section 40.3.5 discusses potential facilities in the New York harbor region that could serve this purpose.

the Primary Disposal Capacity and the Reserve Disposal Capacity. Each authorized disposal site shall have permitted and uncommitted capacity to dispose of the annual tonnage for a five year period throughout the term of the agreement.

The City has the sole discretion to approve an Authorized Disposal Site offered by a contractor as Primary or Reserved Disposal Capacity. Such approval is based on the City's due diligence investigation establishing, among other things, that the disposal site has all required governmental approvals, is operating in compliance with applicable law, has a Host Community Agreement allowing acceptance of waste regardless of origin and has the disposal capacity as represented by the contractor.

The contract for disposal of the Manhattan wastesheds designated for delivery to Essex County Resource Recovery Facility will provide for a commitment of five years of disposal capacity at this facility and also secure arrangements for bypassing certain quantities of DSNY waste, when planned and unscheduled outages at this facility reduce its throughput.

Based on the certifications made to it under the terms of the Long Term Export contracts, the City will submit certifications to NYSDEC of five-year disposal or treatment capacity in accordance with 6 NYCRR Part 360-15.9(i). As long-term service agreements are awarded, these disposal capacity certifications will be included in SWMP Compliance Reports.

4.0 WASTE TIRE RECYCLING AND MANAGEMENT

Approximately five million waste tires, posing special waste management problems, are generated in the City every year. Unshredded tires disposed of in landfills eventually rise to the landfill surface and impair cover operations. Tires dumped illegally contribute to urban blight and, when dumped in vacant lots, streets and highways, create fire and other public health and safety hazards. Because of the special waste management problems tires pose and to separate out tires for potential recycling and beneficial use, DSNY ceased the collection of tires from residences in the early 1990s.

Many City residents, when buying new tires, opt to dispose of their old tires at the place of purchase. For those who do not, DSNY has established tire acceptance points at all 59 of its garages and at its five Household Special Waste Drop-off sites located in every borough. At these acceptance sites, City residents may dispose of up to four passenger car tires at a time. Through its waste tire acceptance program and as a result of street cleaning and vacant lot clean-out operations, DSNY handles more than 2,000 tires per week.

Through its private tire removal contract, DSNY promotes tire recycling and beneficial use by affording vendors a number of options for tire recycling or beneficial use. In fulfillment of these terms, DSNY's current tire contractor transports the tires in a closed tractor trailer container to a Connecticut resource recovery facility to be beneficially used as a feedstock for the production of electricity. Approximately, 110,000 tires were recycled or beneficially used in FY 2006, along with approximately 7,000 tire rims.

5.0 VACANT LOT DEBRIS PROGRAM (LOT CLEANING)

Under the vacant lot clean-up program, DSNY removes debris and bulky items from vacant privately owned or City lots in the City where residents and others have engaged in illegal dumping activities. The focus of lot cleaning operations is the removal of solid waste (not dirt). Lot cleaning loads are then sorted and metal, tires and dirt are removed from the waste and recycled or reused. Through the lot cleaning program, DSNY diverted for recycling or reuse approximately 7,000 tons of tires, metal and dirt in FY 2006. The number of vacant lots has decreased citywide due to increased development. In FY 2006, 6,449 lots were cleaned.

Lots are identified to be cleaned through complaints from residents in letters, e-mails and through calls to 3-1-1, as well as through recommendations from Community Boards, elected officials. The lot cleaning schedule is then determined by the ownership of the lot. City-owned lots are cleaned immediately. Accessible privately-owned lots are cleaned after appropriate notice has been sent to the owner. Inaccessible privately-owned lots require an access warrant that must be obtained through a court process. A lot with a structure on it is required to be referred to the New York City Department of Health and Mental Hygiene for cleaning.

6.0 HOUSEHOLD SELF HELP BULK DROP-OFF PROGRAM

DSNY suspended its Household Self Help Bulk Drop-off program at the end of FY 2002. Thereafter, residents were informed that metal bulk items should be placed at the curb for collection on a recycling collection day and non-metal bulk items should be set out for collection on a regular refuse collection day. In the event that the program is to be revived during the planning period, DSNY will consider developing and seeking permits for Household Self Help Bulk Drop-off facilities at a site in each borough, including at its Household Special Waste Drop-off facilities or at other existing DSNY facilities.

7.0 STORM/EMERGENCY EVENT DEBRIS SPOIL MANAGEMENT PLAN

DSNY has had ongoing discussions with the New York City Office of Emergency Management (OEM) regarding the recycling of debris generated during storm and emergency events. As a result of these discussions, DSNY and OEM have agreed that, where practicable, the recycling of debris will be a component of the City's Storm/Emergency Event Debris Spoil Management Plan.