



# sanitation

**JOHN J. DOHERTY**

Commissioner

125 Worth Street, Room 720  
New York, New York 10013

May 3, 2004

To: Distribution List  
Elected Officials, Involved Agencies and Interested Parties

RE: **NYC New Comprehensive Solid Waste Management Plan CEQR #: 03-DOS-004Y  
SEQRA/CEQR Notice of Determination (Positive Declaration)**

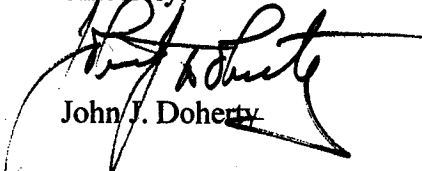
Dear Elected Official/Involved Agency/Interested Party,

The City of New York Department of Sanitation (DSNY) is preparing a new long-term Comprehensive Solid Waste Management Plan (New SWMP) for approval by the City Council and the New York State Department of Environmental Conservation, as required by law. Enclosed for your information is an Environmental Assessment Statement and a Notice of Determination (Positive Declaration) pursuant to the State Environmental Quality Review Act and City Environmental Quality Review procedures (SEQRA/CEQR). DSNY will prepare a Draft Environmental Impact Statement (DEIS) for this action, and public scoping will be conducted.

The New SWMP will chart New York City's solid waste management efforts for the next twenty years. In addition to continuing programs designed to reduce, reuse, prevent, recycle and compost solid waste, a key component of the proposed New SWMP is the development of state-of-the-art Marine Transfer Stations (Converted MTSs) constructed at up to eight of DSNY's existing MTS sites. These new facilities would receive and containerize DSNY-managed waste for transport by container barge to authorized disposal facilities. Together with the Staten Island Transfer Station, now under construction, the Converted MTSs and potentially one or more alternatives will replace the interim waste export contracts, which were entered into to close the Fresh Kills landfill and provide waste transfer and disposal services for DSNY-managed waste pending implementation of a long-term waste export system. The Converted MTSs will serve the communities in which they are located, accommodate on-site truck queuing and, through containerization, position the City to maximize transport and disposal options and to control costs in an environmentally responsible way.

Thank you for your interest in this important and far-reaching initiative. We look forward to your participation as the DEIS scoping and public review process for the proposed New SWMP moves forward.

Sincerely,

  
John J. Doherty

cc: Robert Orlin, Deputy Commissioner

Harry Szarpanski, Assistant Commissioner

Enclosures: EAS & Positive Declaration [www.nyc.gov/sanitation](http://www.nyc.gov/sanitation)

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**State Environmental Quality Review Act/City Environmental Quality Review**  
**NOTICE OF DETERMINATION (POSITIVE DECLARATION)**  
**New York City Comprehensive Solid Waste Management Plan**  
**May 3, 2004**

**Name of Action:** New Comprehensive Solid Waste Management Plan

**CEQR # :** 03-DOS-004Y

**Location of Action:** City-wide, with certain specific sites to include up to eight existing Marine Transfer Station (MTS) sites, the Department's Staten Island Transfer Station at 310 West Service Road, Staten Island, and potentially one or more alternatives to be determined. The existing Marine Transfer Station sites are:

South Bronx MTS, Farragut Street, Bronx

Southwest Brooklyn MTS, Shore Parkway at Bay 41<sup>st</sup> Street, Brooklyn

Greenpoint MTS, North Henry St. and Kingsland Avenue, Brooklyn

Hamilton Ave. MTS, Hamilton Avenue near Second Avenue at the Gowanus Canal, Brooklyn

West 135<sup>th</sup> Street MTS, West 135<sup>th</sup> Street and 12<sup>th</sup> Avenue, Manhattan

East 91<sup>st</sup> Street MTS, East 91<sup>st</sup> Street and York Avenue, Manhattan

West 59<sup>th</sup> Street MTS, West 59<sup>th</sup> Street and Marginal Street, Manhattan

North Short MTS, 31<sup>st</sup> Avenue and 122<sup>nd</sup> Street, Queens.

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**Action Type:** Type I

**Lead Agency:** New York City Department of Sanitation, 125 Worth Street, New York, NY 10013

**Involved Agencies:** New York State Department of Environmental Conservation, New York City Council, New York City Planning Commission, and the U.S. Corps of Army Engineers.

**Contact Person More Information:** Abas O. Braimah, New York City Department of Sanitation, Legal Affairs, 125 Worth Street, Room 708, New York, NY 10013. Tel: (646) 885-4993.

**Description of Proposed Action:**

The New York City Department of Sanitation (DSNY) is proposing a new Comprehensive Solid Waste Management Plan (new SWMP) as required under the Environmental Conservation Law. The City's first 10-year SWMP, as modified, was extended through October 2004 ("existing SWMP"). The new SWMP, proposed for a 20-year period, will build on the existing SWMP to provide for the long-term management of all solid waste generated in New York City.

The new SWMP will continue the City's waste reduction and recycling programs and reliance on the export of non-recyclable solid waste from the City for disposal. The new SWMP proposes DSNY's Staten Island Transfer Station for the long-term export of Staten Island waste. For the long-term export of the remaining DSNY-managed waste generated in the City, the new SWMP assesses the development of state-of-the-art facilities at up to eight DSNY Marine Transfer Station (MTS) sites, as well as alternatives to these new facilities. Use of the MTS sites requires the design of new facilities (Converted MTSs) to containerize DSNY-managed putrescible solid waste into sealed, leak-proof containers for

further transport by barge or rail to disposal facilities. The new facilities would include, among other things, a dedicated waste tipping floor, container cranes and associated environmental controls. The design necessitates replacing the existing MTSs and would result in a larger facility footprint at each MTS site. This change will enable DSNY to discontinue the current interim reliance on transfer trailer trucks to export DSNY-managed waste from much of the City. Also, the new SWMP will assess the feasibility of receiving and containerizing some locally-generated commercial putrescible solid waste at the Converted MTSs. A proposed change to DSNY's recycling program would be a long-term contract for the processing of source-separated recyclables, such as metal, glass and plastic.

The new SWMP will incorporate relevant portions of the existing SWMP. Together with such incorporated elements, the new SWMP will identify the quantity and types of solid waste generated in the City and the proposed or existing solid waste management facilities used to manage such waste.

The new SWMP will also make projections of future population, waste generation and changes to the waste stream. The new SWMP will determine the appropriate capacity of the converted MTSs to process DSNY-managed (and potentially commercial) putrescible waste, analyze various alternatives, and assess the potential impacts associated with each alternative. The new SWMP will address the management of various types of solid waste exported out of the City (including certification of disposal capacity for waste to be exported for longer than five years) and other types of waste to be managed within the City.

**Statement of Potential Significant Impacts:**

This notice has been prepared pursuant to the New York State Environmental Quality Review Act (SEQRA), Article 8 of the Environmental Conservation Law, the State Environmental Quality Review regulations (Part 617 of Title 6 of the New York Codes, Rules and Regulations [NYCRR]), New York City Executive Order 91 of 1977, as amended, and the Rules of Procedure for City Environmental Quality Review (CEQR). The New York City Department of Sanitation (DSNY), as lead agency, has reviewed the proposed action described above and has found that it may result in one or more significant adverse impacts on the environment, and that a Draft Environmental Impact Statement will be prepared. Public scoping will be conducted.

**Supporting Statement:**

The above determination is based on the Environmental Assessment Statement (EAS) for the New Comprehensive Solid Waste Management Plan, dated May 3, 2004, which DSNY prepared for this action and is incorporated by reference herein. The EAS supports the following determinations:

- The action, as proposed, may result in significant adverse impacts to traffic flow, air quality, solid waste and sanitation services, socioeconomic conditions, neighborhood character, open space and natural resources and significant adverse impacts from noise, odors and hazardous materials.

**Date:** May 3, 2004

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Robert Orlin, Deputy Commissioner  
Bureau of Legal Affairs  
New York City Department of Sanitation



City Environmental Quality Review  
**ENVIRONMENTAL ASSESSMENT STATEMENT**  
**PART I, GENERAL INFORMATION**

**Reference  
Numbers**

1. 03-DOS-004Y  
 CEQR REFERENCE NUMBER (TO BE ASSIGNED BY LEAD AGENCY)  
**To be determined (TBD)**  
 ULURP REFERENCE NO. IF APPLICABLE

BSA REFERENCE NO. IF APPLICABLE  
 OTHER REFERENCE NO.(S) IF APPLICABLE  
 (e.g. Legislative Intro, CAPA, etc)

**Lead  
Agency &  
Applicant  
Information**  
 PROVIDE APPLICABLE  
 INFORMATION

2a. **Lead Agency**  
New York City Department of Sanitation  
 NAME OF LEAD AGENCY  
Abas O. Braimah  
 NAME OF LEAD AGENCY CONTACT PERSON  
125 Worth St. Room 708  
 ADDRESS  
New York NY 10013  
 CITY STATE ZIP  
(646)-885-4993 (212) 442-9090  
 TELEPHONE FAX  
abraimah@dny.nyc.gov  
 EMAIL ADDRESS

2b. **Applicant Information**  
New York City Department of Sanitation  
 NAME OF APPLICANT  
**Same**  
 NAME OF APPLICANT'S REPRESENTATIVE OR CONTACT PERSON  
**Same**  
 ADDRESS  
**Same**  
 CITY STATE ZIP  
**Same**  
 TELEPHONE FAX  
**Same**  
 EMAIL ADDRESS

**Action  
Description**  
 SEE CEQR MANUAL  
 SECTIONS 2A & 2B

3a. NAME OF PROPOSAL New Comprehensive Solid Waste Management Plan  
 3b. DESCRIBE THE ACTION(S) AND APPROVAL(S) BEING SOUGHT FROM OR UNDERTAKEN BY CITY (AND IF APPLICABLE, STATE AND FEDERAL AGENCIES) AND, BRIEFLY, DESCRIBE THE DEVELOPMENT OR PROJECT THAT WOULD RESULT FROM THE PROPOSED ACTION(S) AND APPROVAL(S):

**Please see attached project description**

3c. DESCRIBE THE PURPOSE OF AND NEED FOR THE ACTION(S) AND APPROVAL(S):

**Please see attached project description**

**Required  
Action or  
Approvals**

4. CITY PLANNING COMMISSION  Yes  No  
 Change in City Map  Zoning Certification  Site Selection - Public Facility  
 Zoning Map Amendment  Zoning Authorization  Disposition - Real Property  Franchise  
 Zoning Text Amendment  Housing Plan & Project  UDAAP  Revocable Consent  Concession  
 Charter 197-a Plan \_\_\_\_\_  
 Zoning Special Permit, specify type: \_\_\_\_\_  
 Modification of \_\_\_\_\_  
 Renewal of \_\_\_\_\_  
 Other \_\_\_\_\_

5. UNIFORM LAND USE PROCEDURE (ULURP)  Yes  No

6. BOARD OF STANDARDS AND APPEALS  Yes  No  
 Special Permit  New  Renewal Expiration Date \_\_\_\_\_  
 Variance  Use  Bulk  
 Specify affected section(s) of Zoning Resolution \_\_\_\_\_

7. DEPARTMENT OF ENVIRONMENTAL PROTECTION  Yes  No  
 Title V Facility  Power Generation Facility  Medical Waste Treatment Facility  
**Ministerial permits**

- 8. OTHER CITY APPROVALS  Yes  No
  - Legislation  Rulemaking; specify agency: \_\_\_\_\_
  - Construction of Public Facilities  Funding of Construction, Specify  Funding of Programs, Specify
  - Policy or plan  Permits, Specify: \_\_\_\_\_
  - Other; explain: NYC Council approval of Solid Waste Management Plan

- 9. STATE ACTIONS/APPROVALS/FUNDING  Yes  No
 

If "Yes," identify New York State Department of Environmental Conservation (DEC) See Project Description

- 10. FEDERAL ACTIONS/APPROVALS/FUNDING  Yes  No
 

If "Yes," identify U.S. Army Corps of Engineers: See project description.

- 11a.  Unlisted; or  Type I; specify category (see 6 NYCRR 617.4 and NYC Executive Order 91 OF 1977, as amended): \_\_\_\_\_

- 11b.  Localized action, site specific (**Transfer station sites**)  Localized action, change in regulatory control for small area
  - Generic action (**SWMP**)

- 12. Identify the analysis year (or build year) for the proposed action: 2006
  - Would the proposal be implemented in a single phase?  Yes  No  NA.
  - Anticipated period of construction: \_\_\_\_\_
  - Anticipated completion date: \_\_\_\_\_

- Would the proposal be implemented in multiple phases?  Yes  No  NA.
- Number of phases: To Be Determined - action would involve construction of multiple Marine Transfer Stations
- Describe phases and construction schedule: See project description

- 13a. LOCATION OF PROJECT SITE
 

**City-wide Solid Waste Management Plan, with specific proposed sites for containerized export of solid waste involving existing Marine Transfer Station (MTS) sites, the existing DSNY Staten Island transfer station and potentially one or more private transfer stations and/or alternatives. See Project Description**

STREET ADDRESS \_\_\_\_\_

DESCRIPTION OF PROPERTY BY BOUNDING OR CROSS STREETS \_\_\_\_\_

EXISTING ZONING DISTRICT, INCLUDING SPECIAL ZONING DISTRICT DESIGNATION IF ANY \_\_\_\_\_ ZONING SECTIONAL MAP NO \_\_\_\_\_

TAX BLOCK AND LOT NUMBERS \_\_\_\_\_ BOROUGH \_\_\_\_\_ COMMUNITY DISTRICT NO. \_\_\_\_\_

- 13b. PHYSICAL DIMENSIONS AND SCALE OF PROJECT
  - TOTAL CONTIGUOUS SQUARE FEET OWNED OR CONTROLLED BY PROJECT SPONSOR: See Project Description SQ. FT.
  - PROJECT SQUARE FEET TO BE DEVELOPED: \_\_\_\_\_ SQ. FT.
  - GROSS FLOOR AREA OF PROJECT: \_\_\_\_\_
  - IF THE ACTION IS AN EXPANSION, INDICATE PERCENT OF EXPANSION PROPOSED IN THE NUMBER OF UNITS, SQ. FT. OR OTHER APPROPRIATE MEASURE: \_\_\_\_\_ % OF \_\_\_\_\_
  - DIMENSIONS (IN FEET) OF LARGEST PROPOSED STRUCTURE: \_\_\_\_\_ HEIGHT; \_\_\_\_\_ WIDTH; \_\_\_\_\_ LENGTH.
  - LINEAR FEET OF FRONTAGE ALONG A PUBLIC THOROUGHFARE: \_\_\_\_\_

- 13c. IF THE ACTION WOULD APPLY TO THE ENTIRE CITY OR TO AREAS THAT ARE SO EXTENSIVE THAT A SITE-SPECIFIC DESCRIPTION IS NOT APPROPRIATE OR PRACTICABLE, DESCRIBE THE AREA LIKELY TO BE AFFECTED BY THE ACTION:
 

**The proposed action may affect up to eight existing DSNY solid waste Marine Transfer Station sites, the DSNY Staten Island transfer station and potentially one or more private solid waste transfer station sites in manufacturing zoned areas, particularly sites adjacent to rail and/or barge. Certain elements of the SWMP are generic and city-wide.**

- 13d. DOES THE PROPOSED ACTION INVOLVE CHANGES IN REGULATORY CONTROLS THAT WOULD AFFECT ONE OR MORE SITES NOT ASSOCIATED WITH A SPECIFIC DEVELOPMENT?  Yes  No
 

IF "YES", IDENTIFY THE LOCATION OF THE SITES PROVIDING THE INFORMATION REQUESTED IN 13a & 13b ABOVE.

### Action Type

### Analysis Year

### Directly Affected Area

INDICATE LOCATION OF PROJECT SITE FOR ACTIONS INVOLVING A SINGLE SITE ONLY (PROVIDE ATTACHMENTS AS NECESSARY FOR MULTIPLE SITES)

## PART II, SITE AND ACTION DESCRIPTION

### Site Description

EXCEPT WHERE OTHERWISE INDICATED, ANSWER THE FOLLOWING QUESTIONS WITH REGARD TO THE DIRECTLY AFFECTED AREA. THE DIRECTLY AFFECTED AREA CONSISTS OF THE PROJECT SITE AND THE AREA SUBJECT TO ANY CHANGE IN REGULATORY CONTROLS.

1. **GRAPHICS** Please attach: (1) a Sanborn or other land use map; (2) a zoning map; and (3) a tax map. On each map, clearly show the boundaries of the directly affected area or areas and indicate a 400-foot radius drawn from the outer boundaries of the project site. The maps should not exceed 8½ x 14 inches in size.

2. **PHYSICAL SETTING** (both developed and undeveloped areas) **Proposal involves use of existing Marine Transfer Station (MTS) sites on the waterfront, and other potential locations TBD.**

Total directly affected area (sq. ft.): \_\_\_\_\_ Water surface area (sq. ft.): \_\_\_\_\_

Roads, building and other paved surfaces (sq. ft.): \_\_\_\_\_ Other, describe (sq. ft.): \_\_\_\_\_

3. **PRESENT LAND USE**

Residential N/A

Total no. of dwelling units: \_\_\_\_\_ No. of low-to-moderate income units: \_\_\_\_\_

No. of stories: \_\_\_\_\_ Gross floor area (sq. ft.): \_\_\_\_\_

Describe type of residential structures: \_\_\_\_\_

Commercial N/A

Retail: No. of bldgs: \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

Office: No. of bldgs: \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

Other: No. of bldgs: \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

Specify type(s): \_\_\_\_\_ No. of stories and height of each building: \_\_\_\_\_

Manufacturing/Industrial **The proposed MTS sites are currently developed as Marine Transfer Stations. The plan may involve one or more private solid waste transfer stations at locations to be determined.**

No. of bldgs: \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

No. of stories and height of each building: \_\_\_\_\_ Type of use(s): Open storage area (sq. ft.) If any unenclosed  
activities, specify: \_\_\_\_\_

Community facility N/A

Type of community facility: \_\_\_\_\_

No. of bldgs: \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

No. of stories and height of each building: \_\_\_\_\_

Vacant land

Is there any vacant land in the directly affected area?  Yes  No

If yes, describe briefly: \_\_\_\_\_

Publicly accessible open space

Is there any existing publicly accessible open space in the directly affected area?  Yes  No

If yes, describe briefly: **Public open space may be adjacent to one or more proposed transfer station sites**

Does the directly affected area include any mapped City, State or Federal parkland?  Yes  No

If yes, describe briefly: \_\_\_\_\_

Does the directly affected area include any mapped or otherwise known wetland?  Yes  No

If yes, describe briefly: **The current and proposed MTS sites are waterfront locations**

Other land use N/A

No. of stories: \_\_\_\_\_ Gross floor area (sq. ft.): \_\_\_\_\_

Type of use: \_\_\_\_\_

4. **EXISTING PARKING** **Limited non-public parking may occur at one or more current MTS sites.**

Garages

No. of public spaces: \_\_\_\_\_ No. of accessory spaces: \_\_\_\_\_

Operating hours: \_\_\_\_\_ Attended or non-attended? \_\_\_\_\_

Lots

No. of public spaces: \_\_\_\_\_ No. of accessory spaces: \_\_\_\_\_

Operating hours: \_\_\_\_\_ Attended or non-attended? \_\_\_\_\_

Other (including street parking) - please specify and provide same data as for lots and garages, as appropriate.

5. **EXISTING STORAGE TANKS**

Gas or service stations?  Yes  No

Oil storage facility?  Yes  No

Other?  Yes  No

If yes, specify: **Fuel storage may exist at one or more current MTS sites**

Number and size of tanks: \_\_\_\_\_

Last NYFD inspection date: \_\_\_\_\_

Location and depth of tanks: \_\_\_\_\_

6. **CURRENT USERS One or more proposed MTS sites are currently used by DSNY but do not currently handle putrescible solid waste**

No. of residents: \_\_\_\_\_ No. and type of businesses: \_\_\_\_\_  
No. and type of workers by businesses: \_\_\_\_\_ No. and type of non-residents who are not workers: \_\_\_\_\_

7. **HISTORIC RESOURCES (ARCHITECTURAL AND ARCHAEOLOGICAL RESOURCES)**

Answer the following two questions with regard to the directly affected area, lots abutting that area, lots along the same blockfront or directly across the street from the same blockfront, and, where the directly affected area includes a corner lot, lots which front on the same street intersection.

Do any of the areas listed above contain any improvement, interior landscape feature, aggregate of landscape features, or archaeological resource that:

- (a) has been designated (or is calendared for consideration as) a New York City Landmark, Interior Landmark or Scenic Landmark;
  - (b) is within a designated New York City Historic District;
  - (c) has been listed on, or determined eligible for, the New York State or National Register of Historic Places;
  - (d) is within a New York State or National Register Historic District; or
  - (e) has been recommended by the New York State Board for listing on the New York State or National Register of Historic Places?
- Identify any resource: **None**

Do any of the areas listed in the introductory paragraph above contain any historic or archaeological resource, other than those listed in response to the previous question? Identify any resource. **None known.**

8. **WATERFRONT REVITALIZATION PROGRAM**

Is any part of the directly affected area within the City's Waterfront Revitalization Program boundaries?  Yes  No  
(A map of the boundaries can be obtained at the Department of City Planning bookstore.)

If yes, append a map showing the directly affected area as it relates to such boundaries. A map requested in other parts of this form may be used.

**The current MTS sites are located within the City's Waterfront Revitalization Program boundaries. See attached project description.**

9. **CONSTRUCTION**

Will the action result in demolition of or significant physical alteration to any improvement?  Yes  No

If yes, describe briefly: **Action would involve demolition of certain of the current MTS facilities and construction of containerization MTS facilities. See attached project description.**

Will the action involve either above-ground construction resulting in any ground disturbance or in-ground construction?  Yes  No

If yes, describe briefly: **See attached project description**

10. **PROPOSED LAND USE**

Residential

Total no. of dwelling units \_\_\_\_\_ No. of low-to-moderate income units \_\_\_\_\_ Gross floor area (sq. ft.) \_\_\_\_\_  
No. of stories \_\_\_\_\_ Describe type of residential structures: \_\_\_\_\_

Commercial

Retail: No. of bldgs \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

Office: No. of bldgs \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

Other: No. of bldgs \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

Specify type(s): None

No. of stories and height of each building: \_\_\_\_\_

Manufacturing/Industrial

No. of bldgs **TBD** Gross floor area of each building (sq. ft.): **See attached project description**

No. of stories and height of each building: \_\_\_\_\_

Type of use(s): **Solid Waste Marine Transfer Station** \_\_\_\_\_ Open storage area (sq. ft.) If any un-enclosed activities, specify: \_\_\_\_\_

Community facility

Type of community facility: N/A

No. of bldgs \_\_\_\_\_ Gross floor area of each building (sq. ft.): \_\_\_\_\_

No. of stories and height of each building: \_\_\_\_\_

Vacant land

Is there any vacant land in the directly affected area?  Yes  No **MTS sites are currently developed, with some open areas**  
If yes, describe briefly:

**Project  
Description**

THIS SUBPART SHOULD  
GENERALLY BE  
COMPLETED ONLY IF  
YOUR ACTION  
INCLUDES A SPECIFIC  
OR KNOWN  
DEVELOPMENT  
AT PARTICULAR  
LOCATIONS

Publicly accessible open space

Is there any existing publicly accessible open space in the directly affected area?  Yes  No **Publicly accessible open space may exist adjacent to one or MTS sites.**

If yes, describe briefly:

Does the directly affected area include any mapped City, State, or Federal parkland?  Yes  No

If yes, describe briefly:

Does the directly affected area include any mapped or otherwise known wetland?  Yes  No

If yes, describe briefly: **The MTS sites are located on the waterfront and extend over water.**

Other land use

Gross floor area (sq. ft.) \_\_\_\_\_ No. of stories \_\_\_\_\_ Type of use: \_\_\_\_\_

**11. PROPOSED PARKING**

Garages None

No. of public spaces: \_\_\_\_\_

Operating hours: \_\_\_\_\_

No. of accessory spaces: \_\_\_\_\_

Attended or non-attended? \_\_\_\_\_

Lots None

No. of public spaces: \_\_\_\_\_

Operating hours: \_\_\_\_\_

No. of accessory spaces: \_\_\_\_\_

Attended or non-attended? \_\_\_\_\_

Other (including street parking) - please specify and provide same data as for lots and garages, as appropriate.

No. and location of proposed curb cuts: **Some employee parking will be provided at the MTS facilities.**

**12. PROPOSED STORAGE TANKS**

Gas or service stations?  Yes  No

Oil storage facility?  Yes  No Other?  Yes  No

If yes, specify: **One or more MTS sites may have fuel storage tanks (TBD)**

Size of tanks: \_\_\_\_\_ Location and depth of tanks: \_\_\_\_\_

**13. PROPOSED USERS TBD Users of MTS sites would be DSNY staff.**

No. of residents: \_\_\_\_\_

No. and type of businesses: \_\_\_\_\_

No. and type of workers by businesses: \_\_\_\_\_

No. and type of non-residents who are not workers: \_\_\_\_\_

**14. HISTORIC RESOURCES (ARCHITECTURAL AND ARCHAEOLOGICAL RESOURCES)**

Will the action affect any architectural or archaeological resource identified in response to either of the two questions at number 7 in the Site Description section of the form?  Yes  No **Although unlikely, the potential for such impacts will be studied.**

If yes, describe briefly:

**15. DIRECT DISPLACEMENT**

Will the action directly displace specific business or affordable and/or low income residential units?  Yes  No

If yes, describe briefly:

**16. COMMUNITY FACILITIES**

Will the action directly eliminate, displace, or alter public or publicly funded community facilities such as educational facilities, libraries, hospitals and other health care facilities, day care centers, police stations, or fire stations?  Yes  No

If yes, describe briefly:

**17. What is the zoning classification(s) of the directly affected area? The current zoning of 5 existing and proposed MTS sites is M3, two are M2, one is M1.**

**18. What is the maximum amount of floor area that can be developed in the directly affected area under the present zoning? Describe in terms of bulk for each use. TBD**

**19. What is the proposed zoning of the directly affected area? No change proposed.**

**20. What is the maximum amount of floor area that could be developed in the directly affected area under the proposed zoning? Describe in terms of bulk for each use. TBD**

**21. What are the predominant land uses and zoning classifications within a 1/4 mile radius of the proposed action? TBD**

**Predominantly industrial, varies by site; some commercial and residential near certain MTS sites.**

SEE CEQR  
TECHNICAL MANUAL  
CHAPTER III B.,  
SOCIO-ECONOMIC  
CONDITIONS

SEE CEQR  
TECHNICAL MANUAL  
CHAPTER III C.,  
COMMUNITY FACILI-  
TIES & SERVICES

**Zoning  
Information**



## Additional Information

22. Attach any additional information as may be needed to describe the action. If your action involves changes in regulatory controls that affect one or more sites not associated with a specific development, it is generally appropriate to include here one or more reasonable development scenarios for such sites and, to the extent possible, to provide information about such scenario(s) similar to that requested in the Project Description questions 9 through 16. **See attachments**

## Analyses

23. Attach analyses for each of the impact categories listed below (or indicate where an impact category is not applicable): Attached
- |  |  |
|--|--|
| a. LAND USE, ZONING, AND PUBLIC POLICY | See CEQR Technical Manual Chapter III.A. |
| b. SOCIOECONOMIC CONDITIONS            | See CEQR Technical Manual Chapter III.B. |
| c. COMMUNITY FACILITIES AND SERVICES   | See CEQR Technical Manual Chapter III.C. |
| d. OPEN SPACE                          | See CEQR Technical Manual Chapter III.D. |
| e. SHADOWS                             | See CEQR Technical Manual Chapter III.E. |
| f. HISTORIC RESOURCES                  | See CEQR Technical Manual Chapter III.F. |
| g. URBAN DESIGN/VISUAL RESOURCES       | See CEQR Technical Manual Chapter III.G. |
| h. NEIGHBORHOOD CHARACTER              | See CEQR Technical Manual Chapter III.H. |
| i. NATURAL RESOURCES                   | See CEQR Technical Manual Chapter III.I. |
| j. HAZARDOUS MATERIALS                 | See CEQR Technical Manual Chapter III.J. |
| k. WATERFRONT REVITALIZATION PROGRAM   | See CEQR Technical Manual Chapter III.K. |
| l. INFRASTRUCTURE                      | See CEQR Technical Manual Chapter III.L. |
| m. SOLID WASTE AND SANITATION SERVICES | See CEQR Technical Manual Chapter III.M. |
| n. ENERGY                              | See CEQR Technical Manual Chapter III.N. |
| o. TRAFFIC AND PARKING                 | See CEQR Technical Manual Chapter III.O. |
| p. TRANSIT AND PEDESTRIANS             | See CEQR Technical Manual Chapter III.P. |
| q. AIR QUALITY                         | See CEQR Technical Manual Chapter III.Q. |
| r. NOISE                               | See CEQR Technical Manual Chapter III.R. |
| s. CONSTRUCTION IMPACTS                | See CEQR Technical Manual Chapter III.S. |
| t. PUBLIC HEALTH                       | See CEQR Technical Manual Chapter III.T. |

The CEQR Technical Manual sets forth methodologies developed by the City to be used in analyses prepared for the above-listed categories. Other methodologies developed or approved by the lead agency may also be utilized. If a different methodology is contemplated, it may be advisable to consult with the Mayor's Office of Environmental Coordination. You should also attach any other necessary analyses or information relevant to the determination whether the action may have a significant impact on the environment, including, where appropriate, information on combined or cumulative impacts, as might occur, for example, where actions are interdependent or occur within a discrete geographical area or time frame.

## Applicant Certification

24. Abas O. Braimah

PREPARER NAME

City Planner

PREPARER TITLE

PREPARER SIGNATURE

DATE

Robert Orlin, Deputy Commissioner, Legal Affairs  
New York City Department of Sanitation.

PRINCIPAL

Abas O. Braimah

NAME OF PRINCIPAL REPRESENTATIVE

City Planner

TITLE OF PRINCIPAL REPRESENTATIVE

SIGNATURE OF PRINCIPAL REPRESENTATIVE

DATE

NOTE: Any person who knowingly makes a false statement or who knowingly falsifies any statement on this form or allows any such statement to be falsified shall be guilty of an offense punishable by fine or imprisonment or both, pursuant to Section 10-154 of the New York City Administrative Code, and may be liable under applicable laws.

**Impact  
Significance**

**PART III, ENVIRONMENTAL ASSESSMENT AND DETERMINATION**

TO BE COMPLETED BY THE LEAD AGENCY

The lead agency should complete this Part after Parts I and II have been completed. In completing this Part, the lead agency should consult 6 NYCRR 617.7, which contains the State Department of Environmental Conservation's criteria for determining significance.

The lead agency should ensure the creation of a record sufficient to support the determination in this Part. The record may be based upon analyses submitted by the applicant (if any) with Part II of the EAS. The CEQR Technical Manual sets forth methodologies developed by the City to be used in analyses prepared for the listed categories. Alternative or additional methodologies may be utilized by the lead agency.

- For each of the impact categories listed below, consider whether the action may have a significant effect on the environment with respect to the impact category. If it may, answer yes.

LAND USE, ZONING, AND PUBLIC POLICY	<u>No</u>
SOCIOECONOMIC CONDITIONS	<u>Yes</u>
COMMUNITY FACILITIES AND SERVICES	<u>No</u>
OPEN SPACE	<u>Yes</u>
SHADOWS	<u>No</u>
HISTORIC RESOURCES	<u>No</u>
URBAN DESIGN/VISUAL RESOURCES	<u>No</u>
NEIGHBORHOOD CHARACTER	<u>Yes</u>
NATURAL RESOURCES	<u>Yes</u>
HAZARDOUS MATERIALS	<u>Yes</u>
WATERFRONT REVITALIZATION PROGRAM	<u>No</u>
INFRASTRUCTURE	<u>No</u>
SOLID WASTE AND SANITATION SERVICES	<u>Yes</u>
ENERGY	<u>No</u>
TRAFFIC AND PARKING	<u>Yes</u>
TRANSIT AND PEDESTRIANS	<u>No</u>
AIR QUALITY	<u>Yes</u>
NOISE	<u>Yes</u>
CONSTRUCTION IMPACTS	<u>Yes</u>
PUBLIC HEALTH	<u>No</u>

- Are there any aspects of the action relevant to the determination whether the action may have a significant impact on the environment, such as combined or cumulative impacts, that were not fully covered by other responses and supporting materials? If there are such impacts, explain them and state where, as a result of them, the action may have a significant impact on the environment.

**Yes. The cumulative impacts from up to 8 solid waste Marine Transfer Stations may be significant.**

- If the lead agency has determined in its answers to questions 1 and 2 of this Part that the action will have no significant impact on the environment, a negative declaration is appropriate. The lead agency may, in its discretion, further elaborate here upon the reasons for issuance of a negative declaration.

**The New York City Department of Sanitation (DSNY) has determined that the proposed action may result in significant adverse impacts on the environment and, therefore, is issuing a positive declaration. Please see attached Analyses of Impact Categories for further discussion.**

- If the lead agency has determined in its answers to questions 1 and 2 of this part that the action may have a significant impact on the environment, a conditional negative declaration (CND) may be appropriate if there is a private applicant for the action and the action is not Type I. A CND is only appropriate when conditions imposed by the lead agency will modify the proposed action so that no significant adverse environmental impacts will result. If a CND is appropriate, the lead agency should describe here the conditions to the action that will be undertaken and how they will mitigate potential significant impacts.

**The DSNY will prepare a Draft Environmental Impact Statement**

- If the lead agency has determined that the action may have a significant impact on the environment, and if a conditional negative declaration is not appropriate, then the lead agency should issue a positive declaration. Where appropriate, the lead agency may, in its discretion, further elaborate here upon the reasons for issuance of a positive declaration. In particular, if supporting materials do not make clear the basis for a positive declaration, the lead agency should describe briefly the impact(s) it has identified that may constitute a significant impact on the environment. **Please see attached positive declaration.**

**Lead Agency  
Certification**

**Abas O. Braimah**  
PREPARER NAME

**City Planner**  
PREPARER TITLE

PREPARER SIGNATURE

**May 3, 2004**  
DATE

**Robert Orlin**  
NAME OF LEAD AGENCY REPRESENTATIVE

**Deputy Commissioner for Legal Affairs**  
TITLE OF LEAD AGENCY REPRESENTATIVE

SIGNATURE OF LEAD AGENCY REPRESENTATIVE

**May 3, 2004**  
DATE

**New York City Comprehensive Solid Waste Management Plan, CEQR#03-DOS-004Y  
Environmental Assessment Statement - (Attachment)**

**Project Description**

The New York City Department of Sanitation (DSNY) is proposing a new Comprehensive Solid Waste Management Plan (new SWMP) as required under the Environmental Conservation Law. The City's first 10-year SWMP, as modified, was extended through October 2004 ("existing SWMP"). The new SWMP, proposed for a 20-year period, will build on the existing SWMP to provide for the long-term management of all solid waste generated in New York City.

The new SWMP will continue the City's waste reduction and recycling programs and reliance on the export of non-recyclable solid waste from the City for disposal. The new SWMP proposes DSNY's Staten Island Transfer Station for the long-term export of Staten Island waste. For the long-term export of the remaining DSNY-managed waste generated in the City, the new SWMP assesses the development of state-of-the-art facilities at up to eight DSNY Marine Transfer Station (MTS) sites, as well as alternatives to these new facilities. Use of the MTS sites requires the design of new facilities (Converted MTSs) to containerize DSNY-managed putrescible solid waste into sealed, leak-proof containers for further transport by barge or rail to disposal facilities. The new facilities would include, among other things, a dedicated waste tipping floor, container cranes and associated environmental controls. The design necessitates replacing the existing MTSs and would result in a larger facility footprint at each MTS site. This change will enable DSNY to discontinue the current interim reliance on transfer trailer trucks to export DSNY-managed waste from much of the City. Also, the new SWMP will assess the feasibility of receiving and containerizing some locally-generated commercial putrescible solid waste at the Converted MTSs. A proposed change to DSNY's recycling program would be a long-term contract for the processing of source-separated recyclables, such as metal, glass and plastic.

The new SWMP will incorporate relevant portions of the existing SWMP. Together with such incorporated elements, the new SWMP will identify the quantity and types of solid waste generated in the City and the proposed or existing solid waste management facilities used to manage such waste.

The new SWMP will also make projections of future population, waste generation and changes to the waste stream. The new SWMP will determine the appropriate capacity of the Converted MTSs to process DSNY-managed (and potentially commercial) putrescible waste, analyze various alternatives, and assess the potential impacts associated with each alternative. The new SWMP will address the management of various types of solid waste exported out of the City (including certification of disposal capacity for waste to be exported for longer than five years) and other types of waste to be managed within the City.

Permits and approvals anticipated to be required to implement the new SWMP include the following:

**New York City**

Department of Sanitation

- Contracts for site demolition and for construction of Converted MTSs;
- Contracts for transport and disposal of MSW from Converted MTSs;
- Contracts for receipt of source-separated recyclables.

City Council

- Solid Waste Management Plan approval.

City Planning Commission

Uniform Land Use Review Procedure - site selection for development of Converted MTSs at the existing MTS sites.

Consistency with Local Waterfront Revitalization Program;

**New York State**

New York State Department of Environmental Conservation

Solid Waste Management Plan approval;

6 NYCRR Part 360 permits to construct and operate solid waste management facilities;

Article 15, Title 5 Environmental Conservation Law (6 NYCRR 608- Protection of Waters) for disturbance of a streambed or banks or excavation in or fill of navigable waters;

Article 15, Title 5 Environmental Conservation Law (Section 401 Water Quality Certification);

Article 25, Environmental Conservation Law (6 NYCRR 661) – Tidal Wetlands);

Article 36 Environmental Conservation Law (6 NYCRR 500 – Flood Plain Management) for a facility located in a floodplain;

Article 17, SPDES General Permit (Section 402 of Clean Water Act) for stormwater discharges from construction activities; and

Coastal Zone Consistency Determination (19 NYCRR 600).

New York State Department of State

Consistency with Federal Coastal Zone Management Act.

**Federal: U.S. Army Corps of Engineers**

Section 10 - Rivers and Harbors Act, for structures and work in navigable waters of the United States;

Section 103 of the Marine Protection Research and Sanctuaries Act;

Section 404 - Clean Water Act, for discharging of dredged or fill material in waters of the United States; and

Section 401 - Clean Water Act, for Water Quality Certification.

Other permits or approvals may be identified during the review process.

**New York City Comprehensive Solid Waste Management Plan, CEQR#03-DOS-004Y  
Environmental Assessment Statement - (Attachment: EAS Parts II and III)**

**Attachment to Question 23: Analyses of Impact Categories**

**A. Land Use, Zoning and Public Policy**

The action, as proposed, would involve the reactivation of solid waste marine transfer station (MTS) uses at long-established MTS sites, employing a new containerization design and state of the art environmental controls. No rezoning is proposed. As certain land uses have changed near one or more of the MTS sites since they were last in full operation and the City's plans for the waterfront continue to evolve, the Draft Environmental Impact Statement (DEIS) will assess the Proposed Action's effects on existing and planned land uses and zoning on or near the sites. In addition, the DEIS will include an assessment of the project's consistency with current land use controls and policies, where applicable.

**B. Socioeconomic Conditions**

The City Environmental Quality Review Manual (Manual) calls for a detailed assessment of the socioeconomic conditions if, among other things, the action significantly displaces businesses or employees or if the action results in new development that is markedly inconsistent with existing uses.

The action, as proposed, may cause impacts to socioeconomic conditions. A detailed analysis will be conducted in the DEIS to determine the potential for the proposed action to result in such changes to socioeconomic conditions.

**C. Community Facilities and Services**

Community facilities are public or publicly funded facilities like schools, hospitals, libraries, day-care centers, and fire and police departments. These facilities play an important role in maintaining the strength and viability of a neighborhood. The City Environmental Quality Review (CEQR) process seeks to determine the type of potential demands placed on community facilities by a proposed action, to assess if current service levels are sufficient.

Under CEQR Technical Manual guidelines, an assessment of an action's impact on community facilities is warranted only if the action adds more than 100 housing units or has a direct or indirect effect on a particular facility. A direct effect constitutes a physical altering or displacement of a community facility as a result of the action, and an indirect effect is a population change that affects the level of service provided by community facilities.

The proposed action does not appear reasonably likely to eliminate, displace, or alter educational facilities, libraries, hospitals or health care facilities, day care centers, police or fire stations, or any other community facility. The proposed action may result in indirect adverse impacts on these facilities as it could create additional demands on the services that they provide. A detailed community facilities and services assessment will be presented in the DEIS.

**D. Open Space**

Open space is publicly or privately owned land that is designated for public access. This includes land set aside for leisure or active recreation or land designed to protect or enhance the natural environment.

Assessing the impact of an action on open space, as per the CEQR Technical Manual, involves evaluating the action's direct and indirect effects. Direct effects include publicly accessible open space being physically lost or displaced, changed with regard to its usage, limited to the public or significantly affected by noise and air pollution, odors, or shadows. Indirect effects occur if the action changes the total population of an area and noticeably diminishes the ability of the open space to serve the current or future population.

The action, as proposed, could increase traffic, noise, air pollutant emissions, and odors so as to affect the usefulness of public open space in the vicinity of one or more MTS sites. In the DEIS, consideration will be given to possible traffic, air and noise impacts attributable to the Marine Transfer Stations (MTS) and their possible impacts upon nearby open spaces, if applicable.

**E. Shadows**

The shadows cast by newly constructed buildings or structures can have potentially adverse impacts in a particular area or surrounding areas. Shadows can have damaging effects on open spaces, historic districts or important natural features. An evaluation is necessary to determine the impact of shadows created from a new building or structure.

The CEQR Technical Manual recommends that shadows be assessed for new buildings or structures taller than 50 feet. Assessment for structures less than 50-feet tall is recommended only if the structure is adjacent to important public resources. These include historic resources, parks or important natural features.

The proposed action may shade a slightly larger water area than at present under the MTSs and may result in buildings or structures somewhat taller than 50 feet and therefore has the potential to result in shadow impacts, although these are unlikely to be significant. An assessment will be conducted in the DEIS to determine whether the action would result in significant shadow impacts.

**F. Historic Resources**

The term "historic resource" encompasses districts, buildings, structures, sites and objects of historical, cultural, aesthetic, or archaeological importance. Because historic resources play an important role in maintaining the character of a city, the CEQR Technical Manual calls for a determination of whether the proposed action disturbs the City's historic resources including both architectural and archaeological resources. An in-ground disturbance to an area not previously excavated is considered worthy of an archaeological assessment. An architectural assessment is deemed necessary for new construction, demolition or significant physical alteration to any building, structure, or object. Significant impacts include changes in scale, visual prominence or visual context of any building, structure, or object; construction including but not limited to excavation vibration, subsidence, dewatering or falling objects; changes to

significant historical landscapes and elimination of publicly accessible areas; and new shadows or lengthening of existing shadows over historic landscapes or structures.

Because the proposed action may involve new in-ground disturbance and construction of structures, the proposed action has the potential to result in impacts to archaeological and architectural resources (although the likelihood of causing significant adverse impacts to historic resources at the existing MTS sites is relatively low). An analysis will be conducted in the DEIS to ascertain the potential for the proposed action to affect significant historic resources.

**G. Urban Design/Visual Resources**

Urban design and visual resources comprise the "look" of a neighborhood. This includes the neighborhood's physical appearance, the size and shape of buildings, their arrangement on blocks, the street patterns and noteworthy views. An analysis under CEQR considers an action's potential to affect the visual character, visual design or resources of an area.

The CEQR Technical Manual requires a detailed assessment of urban design and visual resources if a project would have substantially different bulk or setbacks that exist in an area and whether substantial new above-ground construction would occur in an area that has important views, natural resources or landmark structures.

The proposed action would involve new replacements for the existing MTS facilities and therefore appears unlikely to result in significant impacts related to urban design and visual resources. The proposed action would involve new construction along waterfronts, which are an important visual resource.

A detailed screening analysis will be presented in the DEIS identifying whether the proposed action would result in significant impacts to urban design and visual resources, respectively.

**H. Neighborhood Character**

The CEQR Technical Manual defines Neighborhood character as "an amalgam of the various elements that give neighborhood their distinct "personality."” Neighborhood character is derived from the combination of varying urban elements, such as land use, urban design, visual and historic resources, socioeconomics, traffic and noise. These elements come together to create the feeling and context of a neighborhood. Therefore, when considering the neighborhood character, all elements of a neighborhood must be evaluated together.

With regard to neighborhood character, the CEQR Technical Manual recommends a detailed assessment if the action results in a substantial change in a neighborhood's land use, urban design, visual resources, historic resources, socioeconomic conditions, traffic or noise. Moreover, if no significant impact is found in any one of these areas, the effect of moderate impacts in any combination of the above-mentioned areas that results in a significant impact on a neighborhood's character should be assessed.

The action, as proposed, may result in a significant effect on neighborhood character. The proposed action would include reactivation of the long established MTS sites for solid waste management uses in new facilities. Although consistent with the industrial character of such sites, such developments have the potential to alter certain constituent elements of the affected areas' neighborhood character, including land use patterns, socioeconomic conditions, traffic,

noise and odor levels, urban design, and visual resources. An analysis will be conducted in the DEIS to determine the effects of the proposed action on neighborhood character.

**I. Natural Resources**

The CEQR Technical Manual defines a natural resource as an area "capable of providing habitat for plant and animal species or capable of functioning to support environmental systems and maintain the City's environmental balance." Included in the list of natural resources are surface water, groundwater, drainage systems and wetlands. Other resources to consider are dunes, beaches, coastal resources, grasslands, woodlands, landscaped areas, gardens, parks and built structures used by wildlife.

The Manual recommends several screening criteria when determining whether an assessment of natural resource impacts should be performed. An area must be substantially devoid of natural resources or contain no built resources that is known to contain or may be used for protected species. An area must not contain subsurface conditions that affect neighboring natural resources, and the action must not disturb nearby natural resources for no further assessment to be warranted.

The proposed action would involve MTS construction at existing MTS waterfront locations including dredging, placement of pilings, and disturbance to water and tidal areas. The MTS sites are in manufacturing-zoned areas that are unlikely to contain significant ecologically-sensitive areas or sensitive habitats for threatened and endangered species. However, because many of these sites are on or near the City's waterfront and extend over aquatic resources, the potential for impacts on natural resources will be assessed in the DEIS.

**J. Hazardous Materials**

According to the definition set forth in the CEQR Technical Manual, a hazardous material is "any substance that poses a threat to human health or the environment." Hazardous materials of particular note are heavy metals, volatile organic compounds, semivolatile organic compounds, methane, polychlorinated biphenyls (PCBs), pesticides, dioxins and hazardous wastes as defined by the Resource Conservation and Recovery Act (RCRA).

The CEQR Technical Manual has three screening criteria to be considered before a lead agency may decide that no further examination of potential hazardous materials impacts is required. First, no elevated levels of hazardous materials may exist on the site. Second, an action may not create increased pathways to exposure to hazardous materials. Third, an action may not introduce new activities or processes using hazardous materials such that risk of human or environment exposure is increased. If these conditions are not met, a detailed hazardous materials assessment should be performed.

The handling and containerization of municipal solid waste is not an inherently hazardous activity. However, one or more of the MTS sites have historically been used for incineration, and have the potential for the presence of elevated levels of metals that are characteristic of municipal incinerator ash. Such contamination, while not unusual in urban industrial areas, could be disturbed by planned construction activities if not properly contained or remediated so as to prevent a release to the environment. A detailed hazardous materials assessment will be presented in the DEIS.



**K. Waterfront Revitalization Program**

Proposed actions subject to CEQR that are situated within the designated boundaries of the New York City Coastal Management Zone should be assessed for their consistency with the City's Local Waterfront Revitalization Program (LWRP). The LWRP establishes the City's Coastal Zone and includes policies dealing with residential and commercial development, water dependant and industrial uses, commercial and recreational boating, coastal ecological systems, water quality, flooding and erosion, solid waste and hazardous substances, public access, scenic resources, and historical and cultural resources. The LWRP policies address basic issues: fish and wildlife, flooding and erosion, water resources, air and scenic quality, public access and recreation resources, energy development and solid waste disposal, and development. The LWRP establishes Coastal Zone boundaries and all discretionary actions must be reviewed for consistency with Coastal Zone policies. CEQR recommends any proposed action within the Coastal Zone boundaries to be assessed for consistency with the LWRP.

All the proposed solid waste management activities that would occur within the City's Coastal Zone boundaries will be assessed in the DEIS for compliance and consistency with LWRP.

**L. Infrastructure**

The infrastructure of a city is made up of the physical systems that support its population. These systems include water supply, wastewater treatment, sanitation, energy, roadways, bridges and tunnels and public transportation. CEQR evaluates the impact on water supply, wastewater treatment and stormwater management together and the other physical systems individually in separate sections.

According to the CEQR Technical Manual, actions that require exceptionally large amounts of water, for example a power plant, must have their impact on the demand of the city's water supply evaluated. In addition, if an action results in very large flows of wastewater that could impact the capacity of sewage treatment plants, an assessment is required.

The proposed action itself includes a large capital construction element to replace the existing MTS infrastructure with state of the art MTS containerization facilities and potentially certain alternatives, and will, by definition, affect the City's physical infrastructure. The DEIS will include an analysis as to the requisite demand for and capacity of such sanitation infrastructure and alternatives.

**M. Solid Waste and Sanitation Services**

In New York City, the Department of Sanitation has the responsibility to collect and dispose of municipal solid waste and recyclable materials generated by residences, some non-profit institutions, tax-exempt properties and New York City agencies. Private waste carters that contract their services to businesses in the City collect commercial waste. The Department of Sanitation and the private carters haul waste to solid waste management facilities where the waste is processed and sent to recycling or disposal facilities out of New York City.

The proposed action would constitute a change to certain of DSNY operations and may have a significant impact on sanitation services. The effects of the action on the City's solid waste infrastructure and the conduct of City solid waste management activities will be assessed in the DEIS.

**N. Energy**

As part of the environmental review process, energy consumption should be assessed in light of any proposed action. The consumption of energy encompasses sources used for heating, electricity and transportation and includes fossil fuels (oil, coal, gas, etc.), hydroelectric power and miscellaneous sources like wood, solid waste or other combustible materials.

The CEQR Technical Manual calls for a detailed assessment of energy use for actions that significantly impact the transmission or generation of energy or that generate a substantial indirect consumption of energy.

The proposed action seems unlikely to result in substantial increases in energy consumption. An analysis will be conducted in the DEIS to determine the potential for the proposed action to affect energy consumption.

**O. Traffic and Parking**

Traffic and parking analyses are used to determine whether a proposed action can be expected to have a significant adverse impact on street and roadway conditions and on parking facilities. In particular, the analyses seek to determine how traffic flow and operating conditions, parking conditions, goods delivery and vehicular and pedestrian safety are affected by the action.

The CEQR Technical Manual guidelines recommends a traffic assessment if the action creates 50 or more peak-hour vehicle trips.

The proposed action may have significant adverse impact on traffic as there could be net increase in traffic in or in the vicinity of the converted MTS project sites, and the proposed use of barge and rail could face capacity constraints. Analyses will be performed in the DEIS to quantify which impacts, if any, the proposed action would have upon traffic conditions.

**P. Transit and Pedestrians**

The CEQR Technical Manual calls for a detailed analyses of transit and pedestrians impacts where key pedestrian processors (e.g., sidewalks, crosswalks, corners) or access points to transit would be relocated, closed, narrowed, or otherwise impeded due to construction activity.

The proposed action is unlikely to result in transit and pedestrian impacts. The pedestrian circulation around the proposed action sites is currently minimal and is expected to remain minimal in the future, and the action is not expected to generate substantial new demand for transit services. Analyses will be performed in the DEIS to quantify which impacts, if any, the proposed action would have upon transit and pedestrian circulation.

**Q. Air Quality**

An environmental review should determine a proposed action's effects on ambient air quality. Ambient air can be affected by project-related mobile sources of air emissions such as motor vehicles or by emissions from fixed facilities, referred to as "stationary sources." The pollutants of most concern are carbon monoxide, lead, nitrogen dioxide, ozone, inhalable particulates (PM<sub>10</sub>), fine particulate matter (PM<sub>2.5</sub>), and sulfur dioxide. Odor impacts from a proposed action involving the solid waste management facilities should also be assessed.

The Manual recommends an assessment of the potential impact of mobile sources on the air quality when an action increases traffic or causes a redistribution of traffic flows or creates any other mobile sources of pollutants (such as tug boat or diesel train usage).

The action, as proposed, would cause waste collection vehicle traffic to return to a number of the current MTS sites and potentially go to one or more private transfer station locations or alternate sites to be determined. The introduction or reintroduction of such traffic and solid waste uses may result in significant adverse mobile or stationary source air quality and odor impacts. The potential for impacts from on-site air pollution emissions and off-site emissions generated by collection vehicles approaching and departing project sites and odors from putrescible solid waste processing at the facilities will be assessed in the DEIS.

**R. Noise**

The Manual defines noise simply as unwanted sound and recommends an analysis of three principal types of noise sources: mobile sources, stationary sources and construction sources. The noise levels associated with the environmental noise assessment are not simply hazardous noise levels that cause hearing loss, but significant noise levels below the hazardous level that have a potential detrimental impact on quality of life in New York City. The density of New York City makes noise assessment vital because of the high potential for noise sources to disrupt sleep, interrupt activities requiring concentration and cause stress-related illnesses.

According to the Manual, a noise-impact screening considers, among other things, whether the action generates any mobile or stationary sources of noise.

The proposed action involves the construction and operation of Converted MTSs on the sites of existing MTSs and has the potential to result in adverse mobile or stationary source noise impacts. Each of the proposed action sites is located in manufacturing-zoned districts, but has the potential to generate noise that could affect any nearby noise-sensitive receptors, such as residences, schools, hospitals, day care centers and public open space. The DEIS will evaluate the potential noise impacts associated with the development of the proposed action.

**S. Public Health**

The CEQR Technical Manual recommends an assessment of potential impacts on the public health Citywide or on the health of a community or certain group of individuals affected by the proposed action. For a large city, many public health concerns are closely related to air quality, hazardous materials and noise.

The Manual states that when deciding if an assessment is appropriate, special consideration should be given to urban public health concerns. A health assessment may be warranted if an action increases vehicular traffic or emissions; if the action increases exposure to heavy metals or other contaminants or there is the presence of contamination from historic spills or releases of substances that might have affected or affect groundwater; if the action involves solid-waste management practices that could attract vermin, or would have potentially significant adverse impacts to sensitive receptors; or if the action involves an activity that results in a significant health concern.

The proposed action involves the construction of state of the art Converted MTS facilities at existing MTS locations with modern environmental controls, together with possible alternative locations. Nevertheless, the traffic, noise, odor and vermin potentially associated with the processing of putrescible solid waste at the Converted MTSs may have the potential for public

health impacts. Accordingly, public health impacts associated with the proposed action will be evaluated in the DEIS.

**T. Construction Impacts**

Although the construction of buildings or structures is temporary in nature, it can have disruptive and noticeable effects. The determination of whether these effects are significant, and if mitigating steps are required, is generally based on the duration and magnitude of the impact. Most projects consider the impacts that are related to traffic, air quality and noise. Assessments of other technical areas can also be appropriate for particular actions.

The Manual calls for an analysis of construction impacts for any action that involves construction or that would induce construction. The level of detail necessary for the analysis is based on the duration of the potential impact.

The proposed action may result in significant construction (demolition) impacts for the multiple MTS locations and alternatives, in particular related to construction on waterfront locations and over aquatic resources. As it is anticipated that projected development sites would undergo construction over a 12-month duration, an analysis will be prepared as to the potential for impacts.

**Conclusion**

DSNY has determined that the proposed action has the potential to result in one or more significant adverse impacts on the environment and, therefore, a Draft Environmental Impact Statement (DEIS) will be prepared.

**Distribution List:**

Members of the New York City Council  
Borough Presidents  
Comptroller, City of New York  
NYC Delegation to the New York State Assembly  
NYC Delegation to the New York State Senate  
NYC Delegation to the U.S. Congress  
Borough Solid Waste Advisory Boards  
Citywide Recycling Advisory Board  
NYC Community Boards (59)  
NYC Law Department  
Mayor's Office  
New York State Department of Environmental Conservation Region 2  
U.S. Army Corps of Engineers New York District Office  
City Planning Commission  
NYC Office of Environmental Coordination  
NYC Department of Environmental Protection  
NYC Environmental Justice Alliance  
Natural Resources Defense Council  
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NY League of Conservation Voters