Addendum to the Facility Manual

For the NYSDEC Part 360 Series Permit Modification

50th Street Transfer Station

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PRESENTED TO

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REPORT CERTIFICATION

The material and data in this report were prepared under the supervision and direction of the undersigned.

7/31/2020

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1.0 INTRODUCTION

1.1 PURPOSE AND OBJECTIVE

The purpose of this Facility Manual (Manual) is to provide documentation of standard operating procedures at the 50th Street Transfer Station (Facility) complies with 6 NYCRR Part 360. The purpose of this Manual is to provide a step-by-step operational description to be used by Facility operators and employees.

A copy of this Manual will be available at the Facility for use and reference by its personnel. This Manual will also be made available, upon request, for inspection and review by agencies having jurisdiction over the Facility and/or its operation(s).

1.2 CONSISTENCY WITH SOLID WASTE MANAGEMENT PLAN

New York State's Beyond Waste Plan sets forth a new path for solid waste management. The plan shifts from a perspective of focusing on "end-of-the-pipe" waste management techniques to looking "upstream" and more comprehensively at how materials that would otherwise become waste can be more sustainably managed through the state's economy. This shift is central to the state's ability to adapt to an age of growing pressure to reduce demand for energy, reduce dependence on disposal, minimize emission of greenhouse gases and create green jobs.

The City of New York Department of Sanitation (DSNY), as the local planning unit, prepared a Comprehensive Solid Waste Management Plan (SWMP) dated September 2006, which was reviewed and approved by the NYSDEC on October 27, 2006. The Facility is included in the City's SWMP and the Facility's operations are consistent with local and state plans with regards to recovery of recyclable materials and proper disposal of residues.

Nearly 50,000 tons of waste and recyclables are collected in New York City each day and approximately 25% of that amount managed by the DSNY and the remaining is privately managed. The DSNY relies on private transfer stations to handle the balance of the waste generated in New York City.

The SWMP includes the interim use of private waste transfer stations to export New York City's residential trash to out-of-state disposal facilities. Since 2001, the closure of the Fresh Kills Landfill located in Staten Island has forced the DSNY to utilize a predominantly truck-based system that relies on a combination of local, land-based private transfer stations and disposal of waste in neighboring states. The SWMP reinforces the New York State Department of Environmental Conservation (NYSDEC) commitment to sustain and manage resources, environment and economic competitiveness by placing emphasis on waste reduction and recycling, while providing an equitable waste management infrastructure where the needs of its residents, businesses and industry are met.

1.3 NYSDEC SUBMITTAL REQUIREMENTS FOR PERMIT MODIFICATIONS

As per General Condition 3, Applications for Permit Renewals, Modifications or Transfer, of the Facility's existing Solid Waste Management Facility Permit (SWMF Permit). As per Permit Condition 25, submissions to the New York State Department of Environmental Conservation (NYSDEC) shall be in duplicate; each duplicate shall be accompanied by a CD ROM containing a separate, searchable OCR PDF file of each volume of the report, each large format drawing, and any cover letter.

Submissions to the NYSDEC shall be submitted to the following:

Regional Permit Administrator
New York State Department of Environmental Conservation
Region 2 Headquarters
47-20 21st Street
Long Island City, New York 11101-5407

2.0 REGULATORY OVERVIEW

2.1 PERMITTING AND ENVIRONMENTAL ASSESSMENT

This section identifies and briefly discusses the relevant environmental regulations applicable to the operations of receiving and processing solid waste at the Facility. The 50th Street Facility is currently operating under the NYSDEC SWMF Permit (# 2-6102-000067-00004) and the DSNY Putrescible Solid Waste Transfer Station (PSWTS) Permit #10 (refer to Appendix A). These permits authorize the facility to accept putrescible solid waste twenty-four (24) hours per day, Monday through Saturday.

Permit applications are reviewed in accordance with the New York State Environmental Quality Review Act (SEQRA) (6 NYCRR Part 617), and the Uniform Procedures Act (6 NYCRR Part 621). The following sections describe these requirements and how they pertain to this Facility.

Copies of current permits and authorizations relating to the operation of the Facility are included in Appendix A of this Manual and are maintained at the Facility. This Manual and its appendices will be made available for inspection to representatives of agencies having jurisdiction over the premises or any aspect of its operation.

2.2 STATE ENVIRONMENTAL QUALITY REVIEW ACT (SEQRA)

SEQRA requires that all state, regional, and local government agencies determine whether certain actions, such as the issuance of a 6 NYCRR Part 360 Series Permit to construct or operate a solid waste management facility, may have a significant impact on the environment. If it is determined that the action may have a significant adverse impact, SEQRA requires the preparation of an Environmental Impact Statement (EIS). Regulations implementing SEQRA are contained in 6 NYCRR Part 617.

The June 7, 2011 letter from the New York City Department of Sanitation, acting as lead agency, determined that the installation of a new seventy foot (70') by thirteen and one-half foot (13.5') in-ground tractor trailer truck scale at this Facility would not have a significant adverse impact or effect on the environment, and that a Draft Environmental Impact Statement will not be prepared. This installation was classified as an Unlisted Action. A copy of the June 7, 2011 letter and the Environmental Assessment Statement (EAS) Short Form/Negative Declaration can be found in Appendix A. It should be noted that Waste Connections will not be pursuing this scale installation in the future.

Appendix A of the Engineering Report includes a completed Full Environmental Assessment Form (EAF) (Part 1) and a Short Environmental Assessment Form (EAF) (Parts 1 and 2) for the permit modification to also accept Construction and Demolition (C&D) debris. Section 2.2, State Environmental Quality Review Act (SEQRA) in the Engineering Report provides additional discussion on traffic. Section 4.0, Noise Evaluation of the Engineering Report provides an evaluation on noise impacts.

2.3 UNIFORM PROCEDURES ACT

The Uniform Procedures Act and the associated Permit Hearing Procedures (6 NYCRR Parts 621 and 624, respectively) clearly set forth time-tables for the review and approval of environmental permit applications. Under the Uniform Procedures Act, the review process for projects requiring multiple NYSDEC approvals and/or permits is simplified via a concurrent review of applications. The following listing details NYSDEC environmental regulations and permit requirements, as they apply to this Facility.

Protection of Water Permits

- Disturbance of Bed or Banks of a Protected Stream or Other Watercourse — Not Applicable

• Construction, Reconstruction or Repair of Dams and Other Impoundment Structures	Not Applicable
• Construction, Reconstruction or Expansion of Docking and Mooring Facilities	Not Applicable
• Dredge and Fill of Navigable Waters	Not Applicable
• Excavation or Placement of Fill in Navigable Waters and Their Adjacent and Contiguous Wetlands	Not Applicable
• Water Quality Certification for Placing Fill or Undertaking Activities Resulting in a Discharge to Waters of the United States	Not Applicable
Coastal Erosion Management Permits	Not Applicable
Freshwater Wetlands Permits	Not Applicable
Tidal Wetlands Permits	Not Applicable
Wild, Scenic and Recreational Rivers Permits	Not Applicable
Wastewater, Stormwater & Water Withdrawal	
• State Pollutant Discharge Elimination System (SPDES)	Not Applicable
• Stormwater - SPDES Multi-Sector General Permit for Stormwater Discharges from Industrial Activity	Not Applicable
• Stormwater - SPDES General Permit for Stormwater Discharges from Construction Activity - GP-0-15-002	Not Applicable
• Water Withdrawal Permits	Not Applicable
• Long Island Well Permits	Not Applicable
Air Permits and Registrations	
• Air Facility Permits (Air State Facility Permits or Air Title V (ATV) Facility Permits)	Not Applicable
• Air Facility Registrations	Not Applicable
Mineral Resources	
• Mined Land Reclamation Permits	Not Applicable
Waste Management, Composting & Recycling Permits	
• Solid Waste Management Permits	**Applicable**
• Hazardous Waste Management Permits	Not Applicable
• Radiation Control	Not Applicable

The Facility is permitted under existing 6 NYCRR Part 360 Permit No. 2-6102-000067/00004, valid through April 4, 2021.

2.4 FINANCIAL SURETY

As per Solid Waste Management Permit Condition No. 4 of the existing SWMF Permit, Waste Connections maintains financial surety in the amount of $240,000 in favor of the New York State Department of Environmental Conservation. A copy of the surety bond is included in Appendix B.

2.5 ENGINEERING ENVIRONMENTAL ASSESSMENT

Based on the evaluation conducted on June 6, 2019, of the existing Facility conditions, operations, local zoning and environmental criteria, it is the opinion of Cornerstone that the siting of this Facility and the measures implemented at the Facility to mitigate potential environmental impact the operation may have, remain appropriate.

A representative from Cornerstone also performed a site visit on May 15, 2019 to confirm existing site features and operational conditions at the Facility to obtain and record data necessary to evaluate the Facility's continued performance with Section 42-20, Performance Standards of the New York City Department of Planning Zoning Resolutions as set forth for M3 Zoning Districts, Articles 131, 135, 141, 143, and 145 of the NYC Health Code, and the requirements for ventilation, dust and odor control set forth in Title 16 of RCNY, Chapter 4, Subchapter B, Section 4-16 for the purpose of preparing an application to renew annual PSWTS Permit #10.

3.0 SITE INFORMATION

3.1 BACKGROUND

The Facility currently holds SWMF Permit #2-6102-000067/00001-0 that was issued by the NYSDEC on April 5, 2016 and will expire on April 4, 2021. This permit was modified on November 28, 2012 to approve the installation a seventy foot (70') long by thirteen and one-half foot (13.5') wide transfer trailer truck scale, however Waste Connections will not be installing this scale in the future.

The Facility also maintains DSNY PSWTS Permit #10 that expires on June 14, 2020.

Both the DSNY and the NYSDEC Permits allow the Facility to handle one thousand and seventy five (1,075) tons per day (TPD) of PSW and store up to two-thousand (2,000) cubic yards (CY) of PSW.

The current NYSDEC SWMF Permit allows the Facility to accept one thousand and seventy five tons per day (1,075 TPD) of Putrescible solid waste (PSW), and store up to two thousand cubic yards (2,000 CY) of PSW. The Facility is requesting the SWMF Permit be modified to also allow the acceptance of Construction and Demolition (C&D) Debris and to be allowed to store up to one thousand cubic yards (1,000 CY) of C&D Debris. At no time, will there be more than a total of 2,000 CY of any combination of PSW and/or C&D Debris stored in the Facility. No change to the tonnage or storage is be requested. Waste Connections would like to modify the Solid Waste Facility permit to allow the acceptance of C&D Debris in addition to the currently permitted PSW, with no modification to tonnage. Waste Connections would like the ability to accept the following combination of throughput:

- 0 to 1,075 TPD of PSW or
- 0 to 1,075 TPD of C&D Debris or
- 0 to 1,075 TPD of PSW and C&D Debris

The DSNY Permit allows the Facility to receive, tip, sort, process, compact, storage and transfer putrescible and non-putrescible solid waste. The volume of solid waste must not exceed 2,000 CY and the maximum amount of PSW throughput that may be processed must not exceed 1,075 TPD.

The Facility operates twenty-four (24) hours a day, Monday through Saturday, and is closed on Sunday. Operations are conducted indoors on a reinforced concrete floor. Although typical transfer station operations do not occur on Sundays, it may be necessary to perform periodic equipment/facility maintenance and repairs at that time.

Daily activities include the receipt, initial inspection, and weighing of Tipping Vehicles; tipping of solid waste onto the Tipping Floor; inspection of tipped materials; transfer of materials to Transfer Trailers, and daily transportation and disposal of residual wastes to various disposal facilities. The degree of recycling and separation is variable as it is dependent on waste composition and the effectiveness of manual removal.

Currently, hazardous waste, liquid waste, asbestos, regulated medical waste, C&D debris, and other such materials are not accepted at the Facility, however the Facility is requesting a permit modification to accept C&D debris and also to store up to one thousand cubic yards (1,000 CY) of C&D Debris.

3.2 LOCATION AND PROPERTY BOUNDARIES

The Facility is located at 110-120 50th Street in Brooklyn, New York. The Facility site is located on Block 788, Lot 9 and is situated in the City of New York Zone M3 1, Heavy Manufacturing Zoning District. Operation of a solid waste management facility remains a permitted use within a M3-1 zone. This site location is shown on Sheet No. 1, "Regional Map" and Sheet No. 2, "Vicinity Map" and on Figure 1, Location Map.

Waste Connections has an agreement to lease the property from D.C. Properties, Inc. (see Appendix C).

The Facility is comprised of a single Building on the southwest corner of 50th Street and 1st Avenue. The site occupies an area totaling about 27,650 square feet or approximately 0.64 acres. The Facility has a footprint of approximately 26,098 square feet (0.60 acres). The Building is a single story, approximately twenty-two feet (22') above grade.

The tax parcels that surround the Facility are also situated in the M3-1 zone used for other industrial uses (garages, warehouses, manufacturing, rail yards, etc.). The location and arrangement of adjacent property owners is provided in Sheet No. 4, "Adjacent Property Owners and Zoning Map".

As per FEMA Map Panel 194 of 457 (No. 360497019F) last revised September 5, 2007, the Facility is not located in a flood zone. The Facility is not located in a NYSDEC or Federal wetland.

4.0 FACILITY DESCRIPTION

4.1 MATERIALS HANDLED

The Facility currently accepts Putrescible Solid Waste (PSW) which is typically delivered in commercial packer trucks. The Facility is requesting that Construction and Demolition (C&D) Debris be also allowed to be accepted at the Facility. It is expected that C&D debris will be delivered in roll-off containers or dump trucks. Liquid wastes, asbestos containing materials, regulated medical waste, and other potentially hazardous materials are not accepted at the Facility. Waste Connections has trained, and continues to train, its employees to identify unauthorized waste materials that may be encountered on the Tipping Floor pursuant to the Section 7, “Staffing and Training Plan”. Should unauthorized waste be identified within the confines of the Facility, it will be treated as outlined in the Section 6, "Waste Control Plan".

Both the current SWMF and PSWTS Permits allow the Facility to throughput one thousand and seventy five tons per day (1,075 TPD) of PSW and temporarily store a maximum of two thousand cubic yards (2,000 CY) of this material.

The Facility is currently authorized to accept PSW from residential, commercial, and institutional sources. The Facility is requesting that C&D Debris be authorized for acceptance in addition to be allowed to store up to one thousand cubic yards (1,000 CY) of C&D Debris. No more than, 2,000 CY of a combination of PSW and C&D Debris will be stored at any one time. Metal, cardboard, and white goods may be accepted for transfer to an authorized recycling Facility.

Wastes that are not be accepted at the Facility include the following:

- Radioactive Materials;
- Suspected Hazardous Waste;
- Liquid Waste;
- Biosolids;
- Chemical or Explosive Wastes;
- Industrial Wastes, as defined in 6 NYCRR Part 360 and/or Part 371;
- Infectious or Medical Wastes, as defined in Public Health Law 1389-aa and Environmental Conservation Law Article 27 Section 1501;
- Suspected Asbestos Containing Waste;
- Electrical fixtures containing hazardous liquids such as fluorescent light ballasts or transformers;
- Fluorescent lights;
- Furniture and appliances;
- Drums, fuel tanks, or containers greater than 10 gallons in size, and any containers having more than 1 inch of residue remaining on the bottom;
- Source-separated recyclables;
- Source-separated food scraps;
- E-waste;
- Yard Wastes and tree debris; or
- C&D debris, fill material, or similar material from a site being remediated pursuant to a program administered by the NYSDEC or EPA unless accompanied by written approval from the NYSDEC or EPA.

4.2 FACILITY DESIGN CAPACITY

The available storage volume within the designated location of the Tipping Floor where PSW will be handled is approximately two-thousand cubic yards (2,000 CY) cubic yards, which is sufficient to accommodate any possible peak loading conditions. The available storage volume within the designated location of the Tipping Floor where C&D Debris will be handled is approximately one-thousand cubic yards (1,000 CY) cubic yards.

PSW received at the Facility is processed within twenty-four (24). C&D debris received at the Facility is removed from the Facility whenever transfer containers is full, or within thirty (30) days of receipt, whichever occurs first. Refer to Appendix D for supporting calculations and Figure 2 for a graphic depiction of the storage piles.

4.3 SITE ACCESS AND SECURITY

The Facility includes a secure block Building with overhead doors in its front and rear elevations. Access to the Building receiving and processing areas is restricted to authorized personnel. At the close of business hours all doors are secured and locked to prevent unauthorized access and to preclude illegal dumping.

Access and egress to the Facility is along 50th Street. Tipping Vehicles carrying PSW access the Tipping Floor via two (2) rapid roll-up overhead doors and Tipping Vehicles carrying C&D debris access the Tipping Floor via the roll-up overhead door adjacent to Loading Bay #1. Transfer Trailers access the one (1) of the two (2) loading bays via roll-up overhead doors.

There is two-way traffic (west to east) along 50th Street which avoids cross traffic and reduces queue, unload and load times. Employee access to the Facility is normally via the front roll up overhead doors or man doors along 50th Street. Parking for approximately six (6) vehicles is available along the streets in the area surrounding the Facility.

4.3.1 Visitors

Visitors must sign in and sign out in the Scale House. Because of the nature of activities at the Facility, anyone entering the site must receive sufficient instruction to understand the operation and utilize appropriate safety and protective measures. Visitors will not be left unattended and will be escorted whenever entering the waste handling area. Visitors are provided with the necessary PPE when they enter the Facility, which is subsequently returned prior to departing the Facility.

4.3.2 Signs

Signage is conspicuously posted along 50th Street detailing the operator name, address of the Facility, hours of operation, types of wastes accepted and not accepted, regular business and emergency phone numbers, DSNY and NYSDEC permit numbers, and complaint telephone numbers. These signs are clearly legible at these entrances to the Facility from a distance of twenty-five (25) feet.

Additional information on the vehicle traffic at the Facility, as well as traveling to and from the site, is discussed in Section 5.4, “Traffic Routes To and From the Facility”.

4.4 UTILITIES

4.4.1 Electrical Service

The Facility is serviced by Con Edison.

4.4.2 Water Service Utility

Potable water is supplied to the Facility by the New York City Department of Environmental Protection (NYCDEP), Bureau of Water Supply, in accordance with applicable primary drinking water standards. The Facility is equipped with a NYCDEP approved backflow prevention device as required by the City of New York. The Facility maintains

two (2) fully functioning restrooms which includes a large restroom/locker room in the western portion of the Building's first floor and a bathroom adjacent to the office on the mezzanine level. The rest room can also be used as a personnel changing room. Locations of the restrooms are shown on Sheet No. 3, "Facility Site Plan".

Water is also available for operational and supplemental fire protection at several locations within the Facility. The locations of these connections are shown on Sheet No. 3, "Facility Site Plan".

4.4.3 Sanitary Service Utility

Sanitary wastewater from the Facility is discharged into the NYCDEP combined sewer system along 1st Avenue via a licensed connection to the NYCDEP Bureau of Wastewater Treatment. The sanitary wastewater facilities have been previously approved by the NYCDEP through the submission of Sheet Nos. DEP-1, "Facility Site Plan" and DEP-2, "Oil/Water Separator".

4.4.4 Industrial Wastewater (Leachate) Utility

Leachate generated within the eastern portion of the Building is collected in a floor drain and conveyed via gravity pipe to a catch basin/sump pump, which also serves the eastern loading bay, for further transport. This flow is conveyed to a trench drain that spans the width Tipping Floor. The combined flow from these two (2) areas is directed by gravity pipe to a second catch basin/sump pump that serves the western loading bay. From this point the collected leachate is pumped through the trench drains serving the equipment repair area and then ultimately conveyed to a double-walled, underground oil water separator for pretreatment prior to being discharged into the combined sewer system described above.

As above, the leachate collection system was approved by the NYCDEP and the Facility maintains an Industrial Wastewater Facility Permit for this pretreatment system.

4.5 FIRE PROTECTION SYSTEM

Fire protection for the Facility is provided by a suspended "dry" sprinkler system that consists of a ceiling mounted pipe network and sprinkler heads. Supply for the sprinkler system is provided via direct connection to a NYC watermain. This system is suitable for colder climates, with reduced risk of freezing weather affecting critical firefighting measures. Flow controls and mechanical equipment for the sprinkler system are located within the climate controlled sprinkler room of the Building.

Supplemental fire protection is provided at several locations within the Building via one and one-half inch (1 ½") water connections that are connected to fifty foot (50') of hose at each station.

In addition, fire extinguishers are located at numerous locations throughout the Building. These fire extinguishers are suitable for use on Class A, B, and C fires making them effective against fires involving wood, paper, cloth, rubber, plastics, flammable liquids, gases and greases, and for electrical components. Additionally, fire hydrants are located on 50th Street and 1st Avenue.

The locations of each fire protection device are shown on the Sheet No. 3, "Facility Site Plan".

4.6 BUILDING HVAC

The Facility's Ventilation System provides a minimum of six (6) building volume air changes per hour and serve to maintain negative air pressure within the Building. The Ventilation System at this Facility consists of five (5) exhaust fans, Model BCRD 360C as manufactured by Twin City, which are located on the roof of the Facility. The exhaust fans are equipped with electrostatic filters. The exhaust fans will be equipped with two filters in order to control the dust generated by the C&D debris. One filter will be a pleated filter as manufactured by Smith Filter Corporation or equivalent. The second filter will be a R-Flo (Merv 6) filter as manufactured by Smith Filter Corporation or equivalent. Alternatively, the Facility may choose to utilize a washable and reusable filter, Mech 8 filter as manufactured Smith Filter Corporation or equivalent. Refer to the specification sheet included in Appendix E.

The Facility is also equipped with four (4) intake louvers, two (2) of which are installed within the Building roof and the remaining two (2) installed within north and south facing exterior walls.

The location of the Ventilation System components are shown on Sheet No 3, “Facility Site Plan”.

4.6.1 Dust and Odor Control System

A high pressure dust and odor control misting system is installed within the ceiling structure of the Building as manufactured by AiReactor System and Services, Inc. This system includes atomizing spray heads, set to discharge a combination of atomized water mixed with an odor neutralizing agent at timed intervals. The atomizing spray heads are distributed to provide coverage over the area of the Tipping Floor and each of the five (5) exhaust fan located in the roof of the Facility. When combined with the odor neutralizing agent, the atomized discharge from the misting system serves to absorb and/or eliminate odors while successfully mitigating dust emissions that may be generated as a result of the PSW or C&D debris processing operations.

DustBoss® 30 (Model DB-30) will be installed, refer to Sheet 3, Facility Site Plan, to control dust from the C&D debris. The system has a 180 degree of oscillation which will cover the area of the building where PSW and C&D debris is tipped and processed.

4.7 LOADING AREAS

The loading areas consist of two (2) in-ground loading bays approximately seventy foot (70’) long, which allows out-bound Transfer Trailers to be loaded with the Facility’s roll-up overhead doors in a closed position. The in-ground loading bays are constructed of concrete and have been designed to have grades that do not exceed fifteen percent (15%). Each loading bay has been designed with perimeter curbing.

To assist the drivers with tarping the load Transfer Trailer, Waste Connections has installed rail and a tether fall protection system above each in-ground loading bay. Refer to Sheet No. 3, “Facility Site Plan”.

4.8 SCALES

There are two (2) Truck Scales situated inside the Building as shown on Sheet No. 3, “Facility Site Plan”. A forty foot (40’) long, sixty (60) ton, multi-deck, in-ground scale is located within the western side of the Building. This scale is equipped with a Radiation Detection System which is used to detect radioactive materials that may be in the Tipping Vehicles. A second forty foot (40’) long, sixty (60) ton, multi-deck, above-ground scale is located on the eastern side of the Building. The Facility will be removing this scale upon approval from the NYSDEC in order to make room for the Proposed Equipment Repair Area. Both scales are manufactured by Mettler Toledo.

Additionally, Waste Connections has received approval on November 28, 2012 from the NYSDEC for the installation of a seventy foot (70’) by thirteen and one-half foot (13.5’) wide in-ground scale to Transfer Trailer scale. Waste Connections will not be installing this in-ground scale in the future.

A Scale House is situated adjacent to the western scale and contains the Facility’s scaling and reporting software.

The locations and orientations of the existing Truck Scales and Scale Booth are depicted on Sheet No. 3, “Facility Site Plan.” Specifications for the above pieces of equipment can be found in Appendix E.

4.9 MOBILE EQUIPMENT

In order to process the inbound material streams, the Facility employs a combination of the following mobile equipment:

- (2) Caterpillar Wheel Loaders (Model 966H);
- (1) Caterpillar Wheel Loader (Model 962G);

- (1) Bobcat Skid Steer Loader (Model S630);
- (1) Caterpillar Skid Steer Loader (Model 262D).

Appendix E of this Manual includes equipment specifications typical of the mobile equipment utilized at the Facility. There will be no changes in equipment as a result of this permit modification.

The above equipment list and associated specifications represent a sample of equipment capable of performing tasks required by the Facility operations. Any or all of the equipment pieces specified in this Manual or its appendices may be substituted with equally capable machinery upon approval from the NYSDEC. The necessary equipment will be available at the Facility during hours of operation to prevent curtailment of operations because of equipment failure, except under extraordinary conditions beyond the Waste Connections' control.

In the event of equipment failure, Waste Connections will rent similar equipment to provide immediate backup. Waste Connections will notify the NYSDEC of such situation. In the event the necessary equipment is not available, the PSW may be directed to the 577 Court Street facility. C&D debris Tipping Vehicles will be turned away.

4.9.1 Mobile Equipment Fuel Storage and Dispensing

The Facility utilizes a third party vendor for fueling the mobile equipment. On a daily basis, typically between 4:00 and 6:00 PM, the vendor utilizes an over the road tanker truck to directly fuel each piece of mobile equipment.

5.0 OPERATING PLAN

5.1 HOURS OF OPERATION

The Facility is permitted to operate twenty-four (24) hours a day, Monday through Saturday, and is closed on Sunday. As per the Facility's PSWTS Permit, the Tipping Floor must be cleared of solid waste between 11:30 PM and 12:00 midnight. During this time, the Tipping Floor is cleaned by sweeping and/or washing. Routine and emergency equipment repair and maintenance may be conducted on site during regular operating hours while non-routine repairs and maintenance may take place on Sundays, as necessary.

Traffic generated by the handling of inbound empty Transfer Trailers, the pickup of fully or partially loaded Transfer Trailers and the movement of support vehicles for maintenance or repair on facilities and equipment will be acceptable outside of the authorized hours of operation. Any other operations (including trailer loading) outside of the hours of operation must first receive contingency approval from the NYSDEC Regional Solid Materials Engineer.

5.2 SERVICE AREA

The Facility only accepts wastes as described within this Manual and as authorized by the NYSDEC and the DSNY. The Facility accepts nearly all of its waste materials from the New York/New Jersey Metropolitan Area. The service area is depicted on Sheet No. 1, "Regional Map". It remains a priority of the Facility to continue to reduce solid waste volumes scheduled for landfill disposal through methods of recycling and material recovery.

5.3 START-UP AND SCHEDULED SHUTDOWN OPERATIONS

During start-up, the Facility Manager prepares for incoming Tipping Vehicles, completes the Radiation Detection System Daily Background Reading Log (Table 3), walks the site and conducts the daily safety briefing. The Equipment Operator completes the Daily Mobile Equipment Operator's Checklist (Table 4) then starts up the equipment.

In the event of a scheduled shutdown, the Facility Manager would close the Facility to inbound Tipping Vehicles and the Equipment Operator would turn off the equipment.

5.4 TRAFFIC ROUTES TO AND FROM THE FACILITY

Tipping Vehicles and Transfer Trailers enter and exit the Facility via lawful truck routes as described below and in Appendix I, Transportation Plan".

5.4.1 Vehicle Staging

Truck queuing areas for the Facility are designated along the northwest side of 1st Avenue between 43rd Street and 53rd Street and along the southeast side of 1st Avenue between 51st Street and 54th Street. Transfer Trailers and Tipping Vehicles queue closest to the Facility when possible. These designated queuing areas not only allow ample Facility truck queuing but also permit vehicle parking and other commercial truck to queue along the 1st Avenue corridor which also allows unobstructed traffic movement on 1st Avenue. Queuing along the 50th Street across from the Facility is also available. Facility personnel utilize portable hand-held radios to advise the Facility Manager of the availability of queuing areas in order to maintain smooth operating conditions at the Facility.

5.5 TRAFFIC FLOW

The maximum capacity of the Facility is 1,075 TPD which will not be changed as a result of the requested permit modification to accept both PSW and C&D Debris. It is anticipated that C&D Debris will be delivered in roll-off containers, small dump trucks, vans or packer trucks. PSW is generally delivered in rear loading packer trucks.

At a maximum capacity of 1,075 TPD, the reasonable worst case development scenario (RWCDS) would be if all inbound vehicles tipped PSW, since, based upon the volume-to-weight conversion factors obtained on the NYSDEC's FTP site (refer to Attachment 1 of Appendix G), a compacted packer truck was approximately 1 ton per 3.3 cubic yards. This equates toa density of 606 pounds per cubic yard (lbs/cy) for PSW. Attachment 1 was again utilized to determine the average density of C&D Debris. The composition of C&D Debris is based upon Figure 7.10, *Estimated C&D Debris Disposed* in NYS as presented in the NYSDEC's State Solid Waste Management Plan, *Beyond Waste: A Sustainable Materials Management Strategy*. The volume to weight conversion for Gypsum Board was obtained from the US Green Building Council (refer to Attachment 2 of Appendix G). Based upon this mix of C&D Debris, the average density is 630 lb/cy which is greater than the 606 lb/cy.

Based upon current operations, on a weekday and on a Saturday, there would be approximately 185 inbound tipping vehicles and approximately 38 outbound transfer trailers per day. dedenAs described above and in Appendix G, a tipping vehicle with C&D Debris typically weighs more than a tipping vehicle with PSW, as such, it is expected the number of inbound tipping vehicles will decrease as a result of this permit modification. Since there is no change to throughput, there will be no change in the number of outbound transfer trailers because the weight of these loaded vehicles will remain the same regardless of waste type.

It is expected the peak weekday and weekend hours will remain unchanged. On July 2, 2020, peak hourly weekday traffic (existing conditions) occurred between 4 AM and 5 AM with a peak of 64 PCEs. This peak hour which falls during the typical peak hours of 1 AM and 6 AM which coincident when PSW is collected throughout the service area. It is anticipated that C&D will also be delivered to the Facility during this timeframe, since the vast majority of construction occurs during the overnight hours.

5.6 SITE OPERATIONS

The Facility Supervisor is in charge of all operations at the Facility including traffic control and material handling. Table 2 lists the recycling facilities and NYSDEC authorized waste destination facilities currently owned and used by Waste Connections. (Refer to Appendix L for facility permits and also a table summarizing the name, address, contact person, type of authorization, expiration date of authorization, and the amount of each type of material that the Facility can send to each facility). Due to ever changing market conditions beyond Waste Connections' control, available disposal facilities may change. Waste Connections will submit to NYSDEC for approval facility disposal permits prior to use.

Vehicles enter and exit the Facility via 50th Street and utilize the designated truck routes described within the Section 5.4. Vehicle movements at the Facility typically proceed from west to east along 50th Street, which avoids cross traffic and reduces queueing, tipping and loading times.

Personnel may ingress and egress the Building via the front roll-up overhead or man doors along 50th Street. Emergency egress is available at any time through these man doors. See Sheet No 5, "Evacuation Route Plan".

The tipping, storage and transfer areas for handling PSW and C&D debris have been designed so that Tipping Vehicles can back into the Facility to tip their load after the roll-up overhead doors are in the closed position. Waste Connections trains Facility personnel to ensure that waste tipping and transfer operations proceed when the Building's overhead doors are in the closed position.

Unauthorized materials include hazardous waste, liquid waste, asbestos, treated and untreated medical waste, and any other hazardous materials not specifically referred to in this Manual and the permit conditions, when renewed. The unauthorized material, if found after waste is tipped onto the Tipping Floor, will be separated manually and kept in secure storage until appropriate handling can be arranged with a licensed waste transporter and disposal facility. Handling of unauthorized waste is described in Section 6, "Waste Control Plan.

5.7 WASTE TIPPING OPERATIONS

PSW is generally delivered in twenty-five (25) to thirty-one (31) cubic yard packer trucks and twenty-five (25) cubic yard commercial compactor trucks. It is anticipated that C&D Debris will be delivered in roll-off containers, small

dump trucks, vans or packer trucks. Since the tonnage accepted on a daily basis will remain the same, and the density of PSW is less than C&D as discussed in Appendix G of the Engineering Report, truck traffic to and from the Facility will be less as a result of this permit modification.

Inbound Tipping Vehicles back onto the in-ground forty foot (40') Truck Scale, which is equipped with a radiation detection system, via 50th Street where the gross vehicle weight is obtained. If the Scale Operator determines, upon inquiry of the driver, that the load contains unauthorized waste, the driver will be advised accordingly and Facility personnel will be notified via the intercom system or via a hand-held radio not to permit the Tipping Vehicle to enter the tipping area. This is the first step in the waste screening/inspection program.

If the load contains acceptable material, and the driver has obtained a signed truck weight ticket from the Scale Operator, the Tipping Vehicles then pulls forward off the scale and is directed by the Laborer/Traffic Coordinator to either one (1) of the two (2) rapid roll-up overhead doors if the vehicle is delivering PSW or if the vehicle is delivering C&D debris it will be directed to the roll-up door adjacent to Loading Bay #1.

After tipping, as described below, vehicles exit the Facility. If a tare weight has been recorded for the Tipping Vehicle it may exit the Facility. If a tare weight is not available the outbound Tipping Vehicle maneuvers to the aboveground forty foot (40') long western Truck Scale to obtain a tare weight. The Facility maintains a database of vehicle tare weights associated with the operation of the Facility which eliminates the need for the vehicle to be weighed after tipping. Trucks operated by the DSNY are exempt from this provision.

This Tipping Vehicle traffic pattern which flows west to east, eliminates vehicles crossing one another and therefore results in a safe and smooth traffic condition and an efficient waste handling operation.

In instances where one scale is undergoing scheduled or unscheduled maintenance, or special processing and/or transaction procedures are required, the western Truck Scale will be used for both in-bound and out-bound weights. After the eastern Truck Scale currently located in the Proposed Equipment Repair Area is removed, Waste Connections will utilized the scale located at the Waste Connections 563-577 Court Street Transfer Station for inbound and outbound transactions, if necessary.

The total maximum processing time for inbound Tipping Vehicles to unload waste, as described above, is typically performed in less than ten (10) minutes.

5.7.1.1 Waste Tipping Operations – PSW

After the Tipping Vehicle enters the Building, the rapid roll-up overhead door is then closed. Prior to unloading on the Tipping Floor, the Laborer/Traffic Coordinator and/or Machine Operator will visually inspect the Tipping Vehicle and look for unauthorized materials, or evidence thereof, in the presence of the driver, prior to the tipping. If unauthorized material is found in the load prior to tipping, Waste Connections reserves the right to reject the entire load and not accept it for processing. Immediately upon tipping, the Laborer/Traffic Coordinator and/or Machine Operator inspects the entire load for unauthorized materials. If unauthorized materials are discovered after unloading, Waste Connections will immediately secure such waste and the handling of the materials in accordance with the procedures outlined in Section 6, "Waste Control Plan." Occasional pieces of unauthorized materials are accommodated by hand picking after the waste is unloaded.

After the waste material is tipped, it is loaded into a Transfer Trailer or it is temporarily stockpiled in the designated storage area. Tipping is performed with the rapid roll-up overhead doors closed position; however, there may be a rare exception when rapid roll-up overhead doors may need to be opened in order to loosen waste material that is lodged in the Tipping Vehicle. In such instances, waste handling equipment will be utilized to dislodge the material from the Tipping Vehicle in order to avoid spillage onto 50th Street when the Tipping Vehicle exits the Facility.

5.7.1.2 Waste Tipping Operations – C&D Debris

After the Tipping Vehicle enters the Building, the roll-up overhead door will then be closed. Prior to unloading on the Tipping Floor, the Laborer/Traffic Coordinator and/or Machine Operator will visually inspect the Tipping Vehicle

and look for unauthorized materials, or evidence thereof, in the presence of the driver, prior to the tipping. If unauthorized material is found in the load prior to tipping, Waste Connections reserves the right to reject the entire load and not accept it for processing. Immediately upon tipping, the Laborer/Traffic Coordinator and/or Machine Operator inspects the entire load for unauthorized materials. If unauthorized materials are discovered after unloading, Waste Connections will immediately secure such waste and the handling of the materials in accordance with the procedures outlined in Section 6, "Waste Control Plan." Occasional pieces of unauthorized materials are accommodated by hand picking after the waste is unloaded.

After the waste material is tipped, it is loaded into a Transfer Trailer or it is temporarily stockpiled in the designated storage area. Tipping will be performed with the roll-up overhead door in the closed position; however, there may be a rare exception when the roll-up overhead door may need to be opened in order to loosen waste material that is lodged in the Tipping Vehicle. In such instances, waste handling equipment will be utilized to dislodge the material from the Tipping Vehicle in order to avoid spillage onto 50th Street when the Tipping Vehicle exits the Facility.

5.8 TRANSFER OPERATIONS

Transfer Trailers ingress and egress into the loading area of the Facility via 50th Street through one (1) of two (2) overhead doors which provide entry into their respective loading bays.

The loading areas consist of two (2) in-ground loading bays approximately seventy foot (70') long, which allows Transfer Trailers to be loaded with the Facility's overhead doors in a closed position. Each loading bay accommodates the longest available Transfer Trailer combinations, which are typically approximately sixty (65) feet in length. Transfer Trailers back into one (1) of two (2) loading bays after which the Facility's overhead doors are closed and loading commences with the Facility's Wheel Loaders which are equipped with bucket scales. Facility personnel are trained to ensure that loading operations cannot commence until the Facility roll-up doors are entirely closed. Tractor trailers are tarped once loaded. The driver's tarp their loads while harnessed to a rail and tether fall arrest system mounted above each loading bay.

On a very rare occasion, the overhead doors may need to be opened in order to adjust the load in the Transfer Trailers and to avoid spillage when it departs.

It take approximately fifteen (15) minutes for Transfer Trailers to back into one (1) of the two (2) loading bays, get loaded, tarped, and exit the Facility.

5.9 FACILITY WASTE FLOW DIAGRAM

The flow of materials through the Facility is depicted in Figure 3, "Facility Process Flow Diagram, MSW (Part 362-3) and C&D Debris (Part 361-5)". This figure illustrates the receipt and handling of PSW and C&D debris separately. The flow of materials through the Facility is depicted in Figure 4, "Facility Process Flow Diagram, MSW and C&D Debris (Part 362-3)". This figure illustrates the receipt and handling of PSW and C&D debris together as one waste stream.

5.10 MATERIALS RECOVERY AND DISPOSAL PROVIDERS

Waste Connections has established relationships with markets for the recovered materials from the Facility. These markets, as presented in Table 2, will continue to be used and others may be added as market conditions and availability may change.

Waste Connections utilizes the services of several authorized disposal facilities for the PSW and C&D debris leaving the Facility. In accordance with disposal contracts, the ultimate disposal site for waste from the Facility will be an approved facility utilized at the discretion of Waste Connections. Many in state and out of state options are available to be used as disposal facilities, as presented in Table 2. Waste Connections may form disposal agreements that utilize any combination of approved facilities, including those listed on this Table.

Recyclable materials recovered in accordance with the SWMF Permit are transported to a provider listed on Table 2.

Materials can be separated from C&D debris to be recycled or to be reused for a specific use if approved by the Department. Material that is not recovered is sent to a municipal solid waste landfill or to a C&D debris landfill.

All processed C&D debris and recyclables culled from the C&D debris will be transported in accordance with 6 NYCRR Part 361-5. All C&D debris and recyclables culled from the C&D debris will be the NYSDEC's Part 360 Series Waste Tracking Document (C&D debris tracking document). Once the C&D debris has reached the destination facility for disposal or use, the transporter will sign the C&D debris tracking document confirming its delivery. The receiving facility will then sign the C&D debris tracking document and return it to the 50th Street Transfer Station within 2 weeks. The generating facility must maintain these C&D debris tracking documents at its facility for inspection by the department.

All C&D debris (processed and unprocessed) and recyclables culled from C&D debris will be managed and stored in accordance with 6 NYCRR Part 361-5. Recyclables recovered from the C&D debris will not be stored onsite for more than sixty (60) days unless prior written approval has been granted by the NYSDEC Region 2.

5.11 MATERIAL STORAGE

The tipping, storage and transfer areas for handling PSW and C&D debris have been designed to allow Tipping Vehicles to back into the Building to tip their waste. The tipping of the PSW and C&D debris is performed with the Facility's roll-up overhead doors in a closed position. Facility personnel are trained to ensure that tipping operations are only permitted when the Facility's doors are in the closed position.

PSW is neither tipped nor stored within the rectangular area bounded by the width of each rapid roll-up overhead door and extending into the Building to a depth of forty feet (40') "Clear Area". C&D debris is neither tipped or stored within the rectangular area bounded by the width of the roll-up overhead door and extending into the Building to a depth of forty feet (40') "Clear Area".

For the purpose of this condition immediately tipped and incidental waste will not be deemed stored waste in any particular "Clear Area" provided the tipped solid waste material is removed from the "Clear Area" prior to the entrance of the next Tipping Vehicle. The boundaries of the "Clear Area" for each Facility door are be clearly demarcated by a painted line or other clearly visible marking and maintained at all times.

The total available waste storage space outside of the "Clear Area" is approximately two -thousand cubic yards (2,000 CY), in the PSW processing area and one-thousand cubic yards (1,000 CY) in the proposed C&D Debris processing area, which is sufficient to accommodate the requested storage volumes for PSW and C&D Debris as well as any possible peak loading or emergency conditions. Storage volume calculations are found in Appendix D.

5.11.1 Storage Durations

Recyclable materials are stored in roll-off containers within the Building until the material may be transported to the appropriate market. Recyclable materials may be stored for a maximum period of sixty (60) days if the container is not full or within 72 hours after receipt if the container is full unless prior approval is received from the NYSDEC.

PSW received at the Facility is processed within twenty-four (24). C&D debris received at the Facility is removed from the Facility whenever transfer containers is full, or within thirty (30) days of receipt, whichever occurs first. Recyclables pulled from the C&D debris will be stored in containers located in the C&D debris Storage Area. The Tipping Floor will be cleared of waste and cleaned between 11:30 PM and 12:00 AM.

Unauthorized material discovered within the Facility will be removed within seventy-two (72) hours of receipt, in accordance with the procedures in Section 6, "Waste Control Plan".

5.12 NUISANCE MITIGATION

5.12.1 Site Cleaning

As per the Facility's DSNY Permit (refer to Appendix A), the Tipping Floor must be cleared of solid waste between 11:30 PM and 12:00 AM. During this time, the Tipping Floor is cleaned by sweeping and/or washing. Floors are maintained to eliminate standing water. Additionally, a motor vehicle tire cleaning procedure is in place the Facility to prevent the tracking of solid waste, dust, or other material from the Facility onto streets or public rights of way. The tire cleaning procedure uses on-site hoses to rinse any such materials from tires prior to leaving the Building for their destinations.

At least once a day, Facility personnel shall patrol the streets and sidewalk surrounding the Facility for litter and solid waste. Any such litter and solid waste found during this patrol is added to the solid waste received by the Facility, and handled accordingly. In addition, Waste Connections maintains a proactive cleaning program which, at a minimum, has the streets and sidewalks surrounding the Facility swept and/or washed down on a daily basis.

5.12.2 Dust and Odor Control System

Tipping, storage, and loading operations are performed indoors with the roll-up doors in the closed position and materials are transported to and from the Facility via covered or enclosed vehicles. Additionally, as per the Facility's PSWTS Permit, the Tipping Floor must be cleared of solid waste between 11:30 PM and 12:00 AM. These measures aid in the mitigation of airborne dust and odor transmission to the surrounding area.

A high pressure dust and odor control misting system is installed within the ceiling structure of the Building. This system includes atomizing spray heads, set to discharge a combination of atomized water mixed with an odor neutralizing agent at timed intervals. The atomizing spray heads are distributed to provide coverage over the area of the Tipping Floor and each of the five (5) exhaust fan located in the roof of the Building. The Ventilation System is capable of providing a minimum of six (6) building volume air changes per hour. The air exchange fan units draw fresh air from active roll-up overhead doors and wall mounted air exchange inlet louvres to replace air from the interior of the Building.

When combined with the odor neutralizing agent, the atomized discharge from the misting system serves to absorb and/or eliminate odors while successfully mitigating dust emissions that may be generated as a result of the PSW and C&D debris processing operations. The atomizing nozzles are strategically placed throughout the receiving and processing areas to maximize odor control at the source. If necessary, Waste Connections has the ability to deploy one or more 55-gallon drum sprayers containing odor neutralizing agent during sever conditions.

DustBoss® 30 (Model DB-30) will be installed, refer to Sheet 3, Facility Site Plan, to control dust from the C&D debris. The system has a 180 degree of oscillation which will cover the area of the building where PSW and C&D debris is tipped and processed.

5.12.3 Insect and Vector Control

In order to control insects and vectors at the Facility, a commitment to diligent building cleanliness and efficient throughput of material is practiced. Tipping and loading operations are performed within the confines of the Building with the roll-up overhead doors closed. A local licensed insect and vermin control company is retained by Waste Connections. A copy of the current exterminator contract is included in Appendix F. The contract conditions stipulates weekly control and prevention of vectors and other pests.

The area surrounding the Building is paved and is graded to promote drainage and preclude ponding of water. Should ponded water areas be identified, these areas will be repaired by the patching of pavement or the filling of depressions. As discussed further in Section 5.12.5, "Protection of Surface and Groundwater", leachate from the Facility is collected and pretreated in an underground oil water separator prior to being discharged into the NYCDEP's combined sewer system.

PSW and C&D debris is entirely handled in-doors and processed within twenty-four (24) hours. The Tipping Floor is swept clean and washed on a daily basis and deodorized as a condition of the PSWTS Permit. These efforts further mitigate the occurrence of vectors.

Due to the potential presence of Asian Longhorn Beetle (ALB) infestation, should the Facility employees detect the receipt of any and all virgin wood, it will be handled in accordance with Section 10.3.9, "Insect and Vector Control," of the Contingency Plan section of this Manual.

5.12.4 Noise Control

Facility staff are trained to determine the normal acceptable noise levels at the Facility perimeter during operations. Noise impacts are largely mitigated as tipping and processing operations are conducted within the confines of the enclosed Building. Excessive noise levels detected by Facility personnel are brought to the attention of the Facility Manager.

In the case where vehicles are owned by the Facility, the Maintenance Staff ensure that those vehicles are equipped with properly operating muffler systems (designed to suppress exhaust noise ≤80 dbA at a distance of 50') as part of their regularly scheduled maintenance program. Should it be determined that the source of the excessive noise emanates from equipment owned by the Facility, corrective maintenance will be performed.

5.12.5 Protection of Surface Waters and Groundwater

5.12.5.1 Spill Control Equipment

Spill control products are maintained on site for response to an accidental spill or leak from a piece of mobile equipment (such as from a hydraulic hose) or to collect liquids discharged during a fire fighting event. The procedure for control is to deploy spill control products over the spill area, contain the resultant product and contaminant mixture, and dispose of the mixture with other, landfill-bound waste.

Should a spill occur that releases a potentially toxic or suspected hazardous material, the spill shall be immediately contained; NYC Fire Department by calling 911 shall be immediately contacted. The Regional Solid Materials Engineer shall also be contacted at (718) 482 4996. If necessary, the NYSDEC twenty-four (24) Hour Spill Hotline shall be immediately notified at (800) 457-7362. Any spill and associated remediation efforts will be documented on a Contingency Plan Implementation Report (Table 5), or similar means, for inclusion in the Facility's annual report.

5.12.5.2 Stormwater Management

Stormwater from the pavement area and streets is collected by catch basins situated along 50th Street and 1st Avenue and roof gutters and downdrains control stormwater from the roof of the Building all of which is directed into the NYCDEP's combined sewer system.

5.12.5.3 Management of Leachate

Material handling operations take place on the reinforced concrete Tipping Floor within the enclosed Building which guard against the potential of pollution, spills, or wash-down water to contaminate surface waters and/or ground water.

To ensure the collection of liquids that may be released during the waste handling and processing operations within the Building, the Tipping Floor is pitched toward the trench drains which ultimately directs the leachate towards an underground double-walled oil/water prior to being discharged into the NYC DEP combined sewer system.

The liquid level in the oil/water separator is monitored daily by a Facility employee. When a tank nears three-quarter (3/4) capacity, it is evacuated by the Facility's permitted wastewater hauler. The oil/water separator is equipped with a high level alarm system.

5.13 SAFETY

Waste Connections continually ensures that health and safety procedures at the Facility are in compliance with Occupational Safety and Health Administration (OSHA) regulations. The Facility is equipped with the proper safety equipment including fire extinguishers, eye wash station, first-aid kits, safety glasses, gloves, hard hats and safety vests. Telephone numbers to emergency response agencies, including the police department, fire department, ambulance, and hospital are posted at conspicuous locations throughout the Facility. A comprehensive list of Emergency Contact Information is included as Table 1 within this Manual.

Refer to Section 7.3 for a more detailed description of employee training.

5.13.1 Vehicle Safety Rules

Waste Connections has instituted the following vehicle safety rules and regulations at the Facility:

- SAFETY ALL DAY EVERY DAY
- READ AND UNDERSTAND THE “RULES TO LIVE BY”
- Stay alert and know your surroundings at all times
- No Scavenging
- No Idling for more than three (3) minutes
- All Loads MUST be covered; uncovered loads will be rejected
- Five (5) mph speed limit around the Facility and throughout a one (1) block radius
- Riding on the rear or hanging on the side of the vehicle will not be permitted
- All vehicles shall approach the scales with caution
- Wait for Sale Operator to signal you to proceed
- All vehicles shall follow the instruction of the Facility Manager, Supervisor or designee at all times
- Yield to traffic exiting the Tipping Floor
- Yield to pedestrian traffic
- Tipping floor Personal Protective Equipment (PPE) requirements are hard hat, safety vest, work shoes and safety glasses
- Drivers must stay within six (6) feet of their vehicle at all times
- Helpers are not permitted on the Tipping Floor at any time
- Do not release tailgate, container doors, or turnbuckles prior to entering Tipping Floor
- Facility Manager, Supervisor or his designee will assist vehicles backing onto the Tipping Floor
- All vehicles must close tailgates and lower boxes before exiting the Tipping Floor
- No alcohol, drugs or weapons are permitted on Facility property at any time.

6.0 WASTE CONTROL PLAN

This Waste Control Plan has been prepared to provide guidance in the identification of unauthorized inbound materials at the Facility, as prohibited by the NYSDEC.

The Facility has a Waste Control Plan to exclude the receipt of unauthorized wastes, including regulated hazardous waste. This Plan includes the following:

- Conspicuously posted signage indicating hours of operation and the types of solid waste accepted and not accepted;
- Visual observation of inbound materials;
- Procedures to manage unauthorized waste, including suspected hazardous waste, upon discovery;
- Notification procedures to report to the NYSDEC the discovery of unauthorized waste, including suspected hazardous waste; and;
- Training of Facility personnel to recognize unauthorized waste, including likely or suspected hazardous wastes.

In addition to the unauthorized wastes specifically identified herein, the Waste Connections maintains the right to reject any load of waste found to be unacceptable at any time.

6.1 SCREENING OF INBOUND MATERIALS

On the exterior of the Building signs are clearly posted signs concerning the types of materials the Facility can and cannot accept. Suspicious loads, new customers, and customers that have been found to violate authorized materials rules in the past will be monitored for higher levels of scrutiny regarding load inspection. To aid in the detection of radioactive wastes, a radioactive materials detection system has been installed at the Facility prior to the inbound Truck Scale, situated in the western portion of the Building.

It is the responsibility of the Scale Operator to perform an initial inspection of inbound Tipping Vehicles by questioning drivers at the inbound Truck Scale. The Scale Operator is be trained in the recognition of unauthorized wastes and has the authority to refuse any loads which are believed to contain materials that the Facility is not permitted to receive. This initial inspection will attempt to determine the following information:

- Confirmation of types of material in the load;
- Verification that the load conforms to the applicable regulations for recyclable materials, and;
- Verification that the load conforms to the Facility's PSWTS and SWMF Permits.

After a Tipping Vehicle has been weighed, it will proceed to the Tipping Floor of the Building. While the material loads are being deposited onto the Tipping Floor, Laborer/Traffic Coordinators and/or Machine Operators act as interior solid waste inspectors and perform a visual inspection of deposited materials. The Laborer/Traffic Coordinators and Machine Operators are trained in the recognition of unauthorized waste types and have the authority to refuse any materials that the Facility is not permitted to handle.

6.2 RANDOM LOAD INSPECTIONS

Random Load Inspections are conducted by the Facility Manager, Facility Supervisor or Machine Operator on a daily basis during Vehicle untarping. Refer to Table 6 for the Daily Random Load Inspection Form. Each Random Inspection's information is entered on the form which records:

- Inspector's name;
- Date of inspection;

- Time of inspection;
- Description of waste or type of unauthorized waste if applicable;
- Signature of driver; and
- Final disposition of unauthorized waste.

The Random Load Inspection provides the opportunity to remind drivers of the Facility requirements. All forms are filed in the Scale House/Office Trailer at the close of the day.

6.3 RADIOACTIVE WASTE DETECTION PLAN

A radioactive materials detection system has been installed at the Facility prior to the inbound Truck Scale. If material is detected by this system, an audible and visual alarm will be displayed within the Scale Booth to alert the Scale Operator of the situation. Upon activation of this alarm, the suspect vehicle will be stopped at the Scale Booth and operations in the affected area will be temporarily suspended. The Scale Operator will obtain the driver's name, name and phone number of dispatcher of hauler's company and the origin of the suspect load. The Facility Manager or Facility Supervisor will be alerted of the situation, and will immediately alert the appropriate entities, as listed in the Unauthorized Waste Handling Procedures for Radioactive Material presented in Appendix G.

The investigation alarm is set at least two times, but no greater than five times, the Facility background radiation level. Background radiation readings are measured and recorded daily on the Radiation Detection System Daily Background Reading Log (included as Table 3 of this Manual). Weekly field checks are also be conducted and recorded at the Facility utilizing a known radiation source. The radiation detector is calibrated annually. Documentation of the annual calibration is stored at the Facility.

The Scale Operator is responsible for overseeing the response if radioactive wastes are detected, following the more detailed procedures presented in Appendix G for an incident of this type. The Contingency Plan Implementation Report (Table 5) and the NYSDEC Notification Form (Table 7), included in the Tables section of this Manual, are available for use in recordkeeping and notification purposes.

Facility employees receive training on the radiation detection system operating procedures and radiation investigation alarm response procedures on an annual basis.

6.4 WASTE CONTROL PLAN

Waste Connections' Waste Control Plan is intended to meet all of the requirements set forth in 6 NYCRR Part 360.16(c)(4)(i) and 360.19(c), and includes a plan to identify, control, separate out, record and prevent the receipt of unauthorized materials from being accepted or processed at the Facility.

Signage is conspicuously posted along 50th Street detailing the operator name, address of the facility, hours of operation, types of wastes accepted and not accepted, the regular business telephone number and any emergency phone numbers at which the facility operators may be reached, DSNY and NYSDEC facility permit numbers and complaint telephone numbers. Letters are clearly legible at these entrances to the facility at a distance of 25 feet.

The signs serve to assure that customers are properly screening their waste at the point of generation as required by 6 NYCRR Part 364. Nearly all waste deliveries to the site are made by repeat customers who are familiar with the type of waste accepted by the Facility.

Waste Connections contacts all of its generators, in writing, to inform them of the materials that are authorized for acceptance at the 50th Street Facility and those that are unauthorized. This written notice serves to assure that customers are properly screening their waste at the point of generation as required by 6 NYCRR Part 364.

6.5 MANAGEMENT OF UNAUTHORIZED WASTES

If unauthorized material is detected by the Scale Operator during the initial screening, the Tipping Vehicle carrying the load is denied entry to the Facility. Once tipped within the Building, a Laborer/Traffic Coordinator and/or Machine Operator observes each load as it is deposited on the Tipping Floor. The sight and/or smell of an unauthorized waste are usually the most apparent characteristics in the identification process. Unauthorized materials detected on the Tipping Floor are temporarily segregated before being transported to the Initial Staging Area for Unauthorized Waste located behind Loading Bay #1. If possible, the Tipping Vehicle of origin will be held on site until vehicle identification information can be recorded. If a Tipping Vehicle that tipped unauthorized material were to leave the Facility prior to identification attempts will be made to identify the origin of the material using security cameras recordings.

If the unauthorized waste is suspected to be hazardous, it is placed in a lined, sealed container and is secured in the Initial Staging Area for Unauthorized Waste for pick-up by an authorized licensed hauler who shall transport the unauthorized waste to a Facility approved to receive it for treatment, disposal, or transfer.

If unauthorized waste is liquid, hazardous, friable asbestos, or otherwise cannot be safely secured in the unauthorized waste storage area, such unauthorized waste must be secured on the tipping floor.

Warnings and financial penalties will be given to customers found to deliver unauthorized wastes with a progressive option to disallow Facility use should delivery of unauthorized material continue. Unauthorized material discovery within the Facility will be removed within seventy-two (72) hours of receipt.

If the unauthorized waste is not removed within 72 hours of discovery, the Facility shall, within the 72 hour period, notify the DEC Engineer by phone (at 718- 482-4996) or via email to r2dmm@dec.ny.gov with the following information:

1. the date and time such unauthorized waste was discovered;
2. the location where the unauthorized waste is stored;
3. a description of how such waste is secured;
4. the amount of such waste;
5. the identification of such waste, (if known);
6. why such waste cannot be removed from the Facility within the 72-hour deadline, and
7. when and how such waste shall be so removed from the facility. A record of each incident must be available for Department review.

Reporting of unauthorized waste receipt will also be made to the NYSDEC within the annual monitoring report and records of each incident will be maintained on site. The Contingency Plan Implementation Report (Table 5) and the NYSDEC Notification Form (Table 7), included in the Tables section of this Manual, are available for this purpose.

Specific waste handling procedures to be utilized upon the receipt of an unauthorized waste material are included within Appendix G of this Manual.

6.5.1 Management of Asian Longhorn Beetle

The Asian Longhorn Beetle (ALB) is a pest originating from China, Japan, and Korea which was first detected in the United States in September 1996, on maple and horse chestnut trees by the New York City Parks and Recreation Department at Green Point in northern Brooklyn.

Due to the potential presence of an ALB infestation, should the Facility employees detect the receipt of all virgin wood, it will be handled in accordance with Section 10.3.9, “Insect and Vector Control”.

6.6 MANAGEMENT OF HOT LOADS

If a Hot Load is detected in a Tipping Vehicle or should a fire develop on the Tipping Floor, the effected material is tipped within or moved via a Wheel Loader to the designated Hot Load Area located outside of the Building.

Once the material has been contained within the Hot Load Area, mobile equipment may be utilized to isolate suspect materials from the remainder of the deposited load. The Facility Manager or Facility Supervisor will then immediately call 911.

As a secondary measure, extinguishment by water may be initiated. Liquid generated by a fire fighting event will be collected through the utilization of the Facility's spill control equipment. Water needed for the firefighting effort will be supplied via hose bibs located in the Building. Additional fire-fighting capabilities are provided by the numerous fire extinguishers are located within the Building.

The Scale Operator is responsible for detecting Hot Loads prior to and during scaling. The Laborers/Traffic Coordinators and/or Machine Operators are responsible for detecting Hot Loads while the Tipping Vehicle maneuvering outside of the Building and during tipping procedures.

6.7 TRAINING OF PERSONNEL

As part of the Facility training program, employees are trained in the recognition and identification of unauthorized and suspected hazardous materials. In addition, the training includes procedures to remove and report the receipt of unauthorized wastes.

Refer to Section 7.3 for a more detailed description of employee training.

7.0 STAFFING AND TRAINING PLAN

7.1 PURPOSE

This Staffing and Training Plan was developed for the purpose of providing a suitable number of properly skilled and trained employees to perform the managerial, administrative, and operational tasks necessary to conduct uninterrupted operation of the Facility. To ensure the responsibilities of these positions will be performed regardless of staffing variation, employees are cross-trained in various aspects of Facility operation and an individual employee may be trained to perform the responsibilities of multiple positions.

The following sections describe the staffing and training for the Facility.

7.2 ESSENTIAL OPERATIONAL POSITIONS AND RESPONSIBILITIES

7.2.1 Facility Manager

The Facility Manager is responsible for the overall operation of the Facility and the supervision of all Facility employees. The Facility Manager coordinates the efforts of the Facility Supervisor, Scale Operator, Laborers/Traffic Coordinators, Machine Operators, and Maintenance Staff. The Facility Manager acts as the Emergency Coordinator when present at the Facility.

Additional responsibilities of the Facility Manager will include:

- Administration, operation and maintenance of the Facility;
- Exercising direct authority over the Facility functions and personnel, in accordance with approved policies, procedures and regulations;
- Overseeing the regular inspections the Facility, in accordance with the Facility Inspection Plan, described in Section 8, “Facility Inspection Plan” of this Manual;
- Implementing operational and maintenance functions to initiate or recommend new and/or improved procedures/practices, and;
- Developing plans and procedures to ensure efficient Facility operation.

In addition, the Facility Manager is responsible for conducting the training presented every Monday at the “Safety Monday” tailgate training and is also responsible for conducting comprehensive monthly safety training classes.

7.2.2 Facility Supervisor

The Facility Supervisor is responsible for making sure that all workers follow the various federal, city and state laws relative to the inspection and handling of solid waste. Additionally, the Facility Supervisor reports to company management on a weekly basis to discuss operational problems and other relevant issues. Typically, the Facility Supervisor is an individual who has been promoted from the lower staff levels at this Facility or a similar facility and has several years of solid waste handling experience. The Facility Supervisor acts as the Emergency Coordinator when the Facility Manger is not on site.

The Facility Supervisor reports to the Facility Manager.

7.2.3 Scale Operator

The Scale Operators at the Facility are entrusted with the following responsibilities regarding traffic and waste flow:

- Establish themselves as the first point of contact for inbound Tipping Vehicles by advising drivers to follow directions from Facility personnel for all traffic movements when navigating the Facility;

- Review and verification of all forms in accordance with NYSDEC and DSNY regulations;
- Consistently determine accurate inbound and outbound vehicle/material weights;
- Maintains a daily log of wastes received that identifies the waste type, quantity, date received, and planning unit where the waste was generated, and the quantity and destination of any waste, products or recyclables that are removed from the facility;
- Proficiently operate and interface with the scaling and reporting software to provide accurate internal records and satisfy NYSDEC and DSNY reporting requirements;
- Conduct inbound material observations inbound Tipping Vehicles, and;
- Monitor inbound loads for any evidence the loads might be smoldering or burning and direct such loads to the "Hot Load Area".

The Scale Operator position reports to the Facility Supervisor.

7.2.4 Machine Operators

The Machine Operator's function is to safely and efficiently operate the material handling and processing equipment used at the Facility. These individuals also perform daily equipment inspections to ensure that the equipment functions in proper order and that required preventative and non-routine maintenance will be performed when necessary through communications with the Facility Supervisor and Maintenance Staff.

Machine Operators report to the Facility Supervisor.

7.2.5 Laborer/Traffic Coordinator

The job function of the Laborer/Traffic Coordinator is responsible for maintaining safe vehicular movements at the Facility, by directing incoming and outgoing Tipping Vehicles where to scale and then subsequently tip inside the Building. Laborer/Traffic Coordinator also perform routine building maintenance at the Facility.

The Laborer/Traffic Coordinator position reports to the Facility Supervisor.

7.2.6 Maintenance Staff

Maintenance Staff perform maintenance activities, including but not limited to preventative and non-routine maintenance to Facility equipment, may be performed by the Maintenance Staff on an as needed basis. Specialized maintenance activities are performed by an outside vendor.

The Maintenance Staff report to the Facility Supervisor.

7.3 EMPLOYEE TRAINING

Waste Connections is committed to protecting the health and safety of all its employees. This commitment is the foundation of the company's core values and culture. These values will not be compromised under any circumstances. Waste Connections continuously builds on their resolute commitment to workplace health and safety, in order for the company to accomplish its goal of becoming the safest workplace possible their employees, customers, contractors and the general public's interest.

As per 6 NYCRR Part 360.16(c)(4)(iii), the operation of a Solid Waste Management Facility must be conducted by an individual who has the authority and knowledge to make and implement decisions regarding operating conditions at the Facility. To meet this requirement, Waste Connections has designated the Facility Manager as the employee that presents the Waste Connections safety training courses to the Facility staff. Facility staff, regardless of their job responsibilities at the Facility receives the same training. The Waste Connections training also includes health and safety training.

Waste Connections has a comprehensive and proactive safety program which includes written safety protocols that have been established to encourage worker safety at the Facility. These protocols are integrated into the weekly and monthly safety training sessions. A copy of these safety protocols are maintained at the Facility and are available to Facility employees at all times.

The Facility Manager conducts the weekly tailgate safety meetings ("Safety Mondays"), during which potential safety hazards related to each aspect of the Facility is discussed, such as the type of PPE required by the employee to minimize safety hazards, and the proper notification procedures for injury-related incidents.

The Facility Manager also conducts a more comprehensive training session on a monthly basis to enforce Waste Connections' safety policies. Topics covered will typically include regulations (OSHA, New York State Department of Labor/ Public Employee Safety and Health Bureau, NYSDEC) and safe operating practices (equipment operation, safety devices, MSDS, PPE, etc.). The monthly training sessions include quizzes and each employee in attendance must sign-off indicating they understood the training that was presented. Each employee in attendance must also sign a Training Session Roster, which attests the employee understood the topics covered in the session.

All training presented is from Waste Connections training courses. Waste Connections safety training courses include information, such as the Facility's standard operating procedures. Initial employee training focuses on the employee's duties they will be initially performing which will ensure the Facility continues to comply with Waste Connections' safety standards and with the NYSDEC's 6 NYCRR Part 360 Series regulations.

Waste Connections training focuses on the hazards associated with infectious and hazardous materials and the means to identify and correctly handle unauthorized wastes. The training also includes site-specific training in solid waste handling and transfer station operations. In addition to detailing the routine procedures of Facility operations, this site-specific training includes emergency topics such as emergency spill response, fire extinguisher use, and fire safety. All Facility employees complete weekly and monthly safety training which serves to re-emphasize previous training and to maintain employee safety at the Facility.

Waste Connections training courses includes the following topics:

- Site Procedures and Processes; Start-up and Shutdown of Facility Operations;
- Site Safety Plan;
- Site Contingency Plan;
- Safe work practices;
- Nature of anticipated hazards;
- Handling and responding to emergencies;
- Use and care of Facility emergency equipment, communication and alarm systems;
- Handling, storage, and transportation of materials;
- Employee rights and responsibilities;
- Blood borne Pathogens and Bio Hazards;
- Cold and Heat Stress;
- Confined Space Compliance Training;
- Ergonomics and Safe Lifting;
- Hazard Communications;
- Hazard Identification;
- Lockout/Tag out;
- Use and care of Personnel Protective Equipment (PPE);
- Three Point Contact Rule;
- Unauthorized Waste Recognition and Handling Procedures;

- Asbestos Recognition and Handling Procedures;
- Radiation Detection Procedures;
- Incident Reporting;
- OSHA 300 Log;
- Slip/Trip/Fall Hazards;
- Fire Protection;
- Facility Permits – NYSDEC and DSNY;
- Truck Direction and Backing.

In addition, newly hired employees initially engage in actual field activities under the direct supervision of a trained experienced Facility Manager or designee.

Although each employee may have a specified job title, most employees are required to assume other positions as deemed necessary by current site activities.

7.4 SHIFT COVERAGE

The Facility operates twenty-four (24) hours a day, six (6) days a week. The Facility has three (3) operating shifts. Shift No. 1 runs from 12:00 AM to 8:00 AM, Shift No. 2 runs from 8:00 AM to 4:00 PM, and Shift No. 3 runs from 4:00 PM to 12:00 AM. Either the Facility Manager or a Facility Supervisor is on-site during each of the three (3) shifts or is available via cell phone. These individuals are responsible for ensuring there is appropriate staffing at the Facility for each of the operations areas throughout the day.

7.5 TRAINING RECORDS

To assure management's commitment to training and safety, training forms are used to track the training process at Waste Connections. Documentation of all training, including the “Training Session Roster” is maintained at the Facility as part of the Health and Safety Records for each employee.

8.0 FACILITY INSPECTION PLAN

8.1 FREQUENCY OF INSPECTION

A written record of operations and maintenance is prepared on a daily basis, utilizing the Facility Inspection Logs presented in the Tables section of this Manual. The Facility Manager is responsible for overseeing the completion of these forms, which include Facility inspections and housekeeping information, as well as overseeing the additional tasks outlined in this Facility Inspection Plan. Completed Facility Operating and Inspection Logs are compiled and maintained in a binder on site for a period of at least seven (7) years from the date of inspection.

This Facility Inspection Plan has been prepared to establish schedules for inspecting various components of the Facility and indicates recommended items to be inspected, recommended inspections to be performed, and routine maintenance procedures and their respective frequency.

Suppliers of the mobile and stationary equipment provide recommended maintenance schedules which are adhered to by the Facility. Inspections of other Building and site components will be in the inspection forms included the Tables section of this Manual. In addition to what is demonstrated through the inspection forms; cleaning, maintenance and/or repair procedures will be undertaken as necessary.

8.2 ROUTINE INSPECTIONS

Routine Facility inspections is performed as per the previously presented Inspection Plan. Daily, monthly, and annual inspections are performed. Should inspections reveal the necessity to alter inspection frequencies or include additional inspection areas, the Inspection Plan will be revised accordingly.

8.2.1 Daily Inspection

The Ventilation System and dust and odor control are monitored on a daily basis to ensure system function. The Leachate Management System structures and interstitial space monitors/level alarms on the underground oil/waster separator is monitored daily. The doors and emergency exits, the interior plumbing system, eye wash, security devises, and the Truck Scale(s) are also inspected on a daily basis. The Tipping Floor surface is cleared of waste daily by either washing or sweeping in accordance with the Facility's PSWTS Permit.

The Facility Manager records the findings as to the condition, status, and other select inspection, maintenance, and housekeeping items on a Daily Inspection Checklist (Table 8). The Radiation Detection System Daily Background Reading Log (Table 3) is also completed. As previously stated, a copy of all completed Facility Operating and Inspection Logs are compiled and maintained in a binder at the Facility.

Prior to use, pre-board inspections are carried out by the Machine Operators with the results compiled within a Daily Mobile Equipment Operator's Checklist (Table 4) and also the Daily Equipment Fuel Log (Table 11). Completed Checklists and Logs are reviewed and maintained at the Facility.

8.2.2 Monthly Inspection

Waste Connections completes a comprehensive monthly inspection of the Facility which encompasses each of the items covered under the daily inspections and also includes the inspection of Building gutters and downspouts, Building and equipment surfaces for dust accumulation, bollard integrity and visibility, fire protection system and fire extinguisher condition and integrity, first aid kit inventory, spill control equipment, emergency lighting system test, Ventilation System component operation, electrical system integrity and function, Tipping Floor integrity and Truck Scale calibration. Following the completion of each monthly inspection, the Facility Supervisor completes and files a copy of the Monthly WC Facility Compliance Review (Refer to Table 9).

8.2.3 Annual Inspections

Annual Facility inspections cover each of the items covered under the daily and monthly inspections and also take into account Building exterior components such as the roof, siding, and foundation walls. The interior walls of the Building will be washed once per year to remove debris.

In addition, the Truck Scales are inspected and certified for trade by the New York City Consumer Affairs, Bureau of Weights and Measures. Copies of the scale certifications are to be maintained at the Facility.

Following the completion of each annual inspection, the Facility Supervisor will record their findings on a copy of the Annual Inspection Checklist (Table 10).

The Radiation Detection System is calibrated on an annual basis. The Facility retains a copy of the Certificate of Instrument Calibration.

In accordance with the Facility's annual PSWTS Permit renewal, the Facility must be inspected to certify that the Facility operates in compliance with Section 42-20, Performance Standards of the New York City Department of Planning Zoning Resolutions as set forth for M3 Zoning Districts, Articles 131, 135, 141, 143, and 145 of the NYC Health Code, and the requirements for ventilation, dust and odor control set forth in Title 16 of RCNY, Chapter 4, Subchapter B, Section 4-16. Another requirement of the DSNY annual permit renewal is an annual opacity inspection of the Facility's non-road equipment.

9.0 FACILITY MAINTENANCE PLAN

9.1 PURPOSE

To ensure that the availability and function of the Facility and equipment are kept in efficient operating condition, a proactive Maintenance Plan has been implemented at the Facility.

The recommended maintenance program for the Facility provides for the inspection and preventive maintenance of operational components on a time scheduled basis in accordance with industry best practices and/or equipment manufacturer's recommendations. These maintenance activities will be overseen by the Facility Manager and is performed by the Facility's Maintenance Staff and Laborer/Traffic Coordinators.

Appendix E of this Manual includes equipment specifications of the Facility equipment listed on Table 12, Equipment List.

9.2 PLANNING AND SCHEDULING

Routine maintenance activities are planned to account for staffing considerations and to allow for parts or supplies to be obtained. Schedules are prepared to have preventive maintenance performed, when required, and as part of the Maintenance Staff and Laborer's regularly scheduled activities.

Mobile and stationary equipment is maintained in accordance with the equipment manufacturers recommendations. At the start of each shift, Machine Operators are required to perform routine, preventative “pre-checks” and complete a Daily Mobile Equipment Operator’s Checklist (Table 4) and a Daily Equipment Fuel Log (Table 11).

9.3 MAINTENANCE OF BUILDING EXTERIOR AND STRUCTURE

Preventive maintenance is performed on the Building exterior and structure to ensure asset integrity and life cycle.

Non-scheduled maintenance is performed as necessary by Facility Maintenance Staff and Laborers. Non-scheduled maintenance requiring specific skills and/or experience will be performed by a vendor on call to the Facility.

9.4 MAINTENANCE OF ROOF GUTTERS, DOWNSPOUTS AND DRAINPIPES

Roof gutters and downspouts may be susceptible to clogging or restriction of flow from collection of debris. Gutters and downspouts are inspected as per the Facility Inspection Plan for deficiencies such as cracks, holes, and loose attachment points. Drainpipes will be inspected for clogging and cleared as necessary.

9.5 MAINTENANCE OF THE FIRE PROTECTION SYSTEM AND FIRE EXTINGUISHERS

Preventive maintenance is performed on the Fire Protection Equipment in accordance with the manufacturer’s recommendations.

Non-scheduled maintenance is performed as necessary by Facility Maintenance Staff and Laborers. Non-scheduled maintenance requiring specific product experience is performed by manufacturer or equipment vendor representatives on call to the Facility.

9.6 MAINTENANCE OF VENTILATION SYSTEM

Preventive maintenance is performed on the Ventilation System in accordance with the manufacturer's recommendations.

Non-scheduled maintenance is performed as necessary by Facility Maintenance Staff and Laborers. Non-scheduled maintenance requiring specific product experience is performed by manufacturer or equipment vendor representatives on call to the Facility.

9.7 MAINTENANCE OF DUST AND ODOR CONTROL SYSTEM

Preventive maintenance is performed on the Dust and Odor Control System in accordance with the manufacturer's recommendations to ensure consistent, proper function.

Non-scheduled maintenance is performed as necessary by Facility Maintenance Staff and Laborers. Non-scheduled maintenance requiring specific product experience will be performed by manufacturer or equipment vendor representatives on call to the Facility.

9.8 MAINTENANCE OF BUILDING ACCESS/EGRESS DOORS

Preventive maintenance will be performed on the man doors, overhead doors, and rapid roll-up overhead doors in accordance with the manufacturer's recommendations. Non scheduled maintenance is performed as necessary by Facility Maintenance Staff or Laborers.

Non-scheduled maintenance requiring specific product experience will be performed by the manufacturer or equipment vendor representatives on call to the Facility. The Facility maintains an inventory of commonly required spare parts to facilitate routine maintenance.

9.9 MAINTENANCE OF INTERIOR PLUMBING SYSTEM

Interior plumbing system components will be inspected for clogging and excessive build-up as described in the Facility Inspection Plan of this Manual. Sediment and debris removal will occur at the direction of the Facility Manager.

9.10 MAINTENANCE OF LEACHATE MANAGEMENT SYSTEM

The Leachate Management System components will be inspected for clogging and excessive build-up as described in the Facility Inspection Plan of this Manual. Sediment and debris removal will occur as necessary.

The collection structures and catch basins are inspected for cracking, subsidence, spalling, erosion, and deterioration and will be repaired as necessary.

The oil/water separator is monitored on a daily basis and is typically serviced (i.e. cleaned out) once every month. This frequency may vary depending upon the results of Facility monitoring activities. Disposal of debris, trash, sediment and other waste material removed from the structures will occur at a NYSDEC authorized Facility and in compliance with all applicable local, state and federal regulations.

9.11 MAINTENANCE OF TRUCK SCALES

Preventive maintenance is performed on the Facility's Truck Scales in accordance with the manufacturer's recommendations and in accordance with applicable rules and regulations with New York City Consumer Affairs, Bureau of Weights and Measures. The DSNY performs monthly checks of calibrations of each Truck Scale.

Normal maintenance includes clearing the space beneath the deck surface as required to ensure proper functioning of the load cells. Non-scheduled maintenance is performed by a scale equipment vendor on call to the Facility.

The Facility maintains an inventory of routinely required spare parts to facilitate routine maintenance and minimize down time of the Scales.

9.12 MOBILE EQUIPMENT

9.12.1 Maintenance

Preventive maintenance is performed on the mobile equipment in accordance with the manufacturer's recommendations.

Non-scheduled maintenance is performed as necessary at the direction of the Facility Manager. Non-scheduled maintenance requiring specific product experience is performed by manufacturer or equipment vendor representatives when requested by Facility personnel. Equipment maintenance is typically performed on-site or at an off-site location, as determined by the Facility Manager.

The Facility maintains an inventory of commonly required spare parts to facilitate routine maintenance.

9.12.2 Breakdown

In the event of breakdown or non-scheduled maintenance, work will be performed, as appropriate, by the Maintenance Staff or Laborers. Non-scheduled maintenance requiring specific product experience is performed by the manufacturer or equipment vendor representatives on call to the Facility. The Facility maintains an inventory of routinely required spare parts to facilitate routine maintenance and minimize down time of critical processing and operating equipment.

For equipment that will be out of service for an extended period of time, if the breakdown is due to a warrantee service component, replacement equipment can be made available by the equipment vendor. If the breakdown is due to a non-warrantee service component, rental equipment will be made available by the equipment vendor.

9.12.3 Spare Parts and Supplies

Adequate quantities of select parts and supplies, including hydraulic lines, motor and hydraulic oil, spill containment products, and other common items are stored on site to ensure these materials are available when needed. These supplies are purchased from suppliers sufficiently in advance of their need to ensure that they will be available before they are required.

10.0 CONTINGENCY PLAN

This Contingency Plan (Plan) has been prepared to demonstrate compliance of the Facility with the emergency requirements of 6 NYCRR Part 360 and provide emergency operational guidelines to be implemented and followed.

As a safety guidance document, this section prescribes feasible responses to contingencies which may develop during the operation of the Facility. This Plan has been prepared to meet the requirements of 6 NYCRR Part 360, and may be enacted when situations develop that affect the Facility from operating under the routines prescribed within the companion documents and/or possess the potential to endanger human health and safety or the environment. Components of the Plan include:

- Procedures for Contingent Situations;
- Preparedness, Prevention, and Response to Contingent Events;
- Medical Emergencies/First Aid;
- Information for Emergency Services;
- Severe Weather;
- Unauthorized Wastes;
- Unusual Traffic Conditions;
- Reporting and Recordkeeping;
- Closure.

It is Waste Connections' intent to maintain legible and complete reproductions of this Plan at the Facility and to distribute copies of this Plan to the PDNY, FDNY, area hospitals, and state and local emergency response teams which may be called upon to provide emergency services at the Facility.

At a minimum, revisions to this Plan should occur when feedback is obtained from the above agencies and agreed upon by Waste Connections management or if Facility operations deviate from those described herein.

10.1 PROCEDURES FOR CONTINGENT SITUATIONS

A contingent or emergency situation is defined as the occurrence of a non-routine or adverse conditions at the Facility, including equipment breakdown, power failure, fire, explosion, material release or spill, or threats to human health, safety or the environment. If a contingent situation occurs at the Facility, the Emergency Coordinator will implement the following actions:

1. Immediately identify the type of contingent or emergency event, the character, source, amount and extent of any discharge/damage, and, if necessary, notify appropriate State or local agencies with designated response roles if assistance is needed;
2. Concurrently, assess possible hazards to public health or the environment that may result and, if necessary:
    a. Notify appropriate local authorities if an assessment indicates that evacuation of local areas may be advisable;
    b. Within 1 hour, notify the NYSDEC Regional Solid Materials Engineer at (718) 482 4996 and via email to kenneth.brezner@dec.ny.gov with the following information:
        i. the name and address of the Facility where the event occurred;
        ii. The date and time of the event; and
        iii. The name and phone number of a Facility staff person the NYSDEC can contact regarding such event.;

c. Notify the NYSDEC 24 Hour Spill Hotline at (800) 457-7362, reporting the type of emergency. If necessary, be prepared to report the type of substance and the estimated quantify discharged, if known, the location of the discharge, actions the person reporting the discharge is currently taking or proposing to take in order to mitigate the discharge, and any other information concerning the incident which the NYSDEC may request at the time of notification.

If present, the Facility Manager will act as the Emergency Coordinator; if not, the Facility Supervisor will act as the Emergency Coordinator. The Emergency Coordinator will take all reasonable measures to ensure that a contingent situation does not spread to other areas of the Facility, including the collection and containment of any released pollutants and, if necessary, the cessation of operations.

Immediately after an emergency situation, the Emergency Coordinator will provide for appropriate treatment, storage or disposal of waste contaminated soil, water, or any other material contaminated as a result of the event.

The Emergency Coordinator will ensure that no waste is processed in the affected area until cleanup procedures are completed and all equipment is again fit for its intended use, at which time, site operations will commence at their discretion. Once operations have returned to normal, the Emergency Coordinator will notify the NYSDEC Region 2 Solid Materials Engineer, and, if necessary, appropriate local authorities.

Before Noon on the first business day following the event, the Facility must e-mail a statement with the following information to the Regional Solid Materials Engineer at kenneth.brezner@dec.ny.gov:

1. The name and address of Facility where the event occurred;
2. The date, time, and specific location of the event;
3. The circumstances leading up to the event;
4. An adequately detailed description of the subject event;
5. An explanation of how the event was handled;
6. An explanation of the steps that the Facility operator shall take to avoid and/or better handle such an event; and
7. The name and phone number of a Facility staff person the NYSDEC can contact regarding such event.

The Contingency Plan Implementation Report (Table 5), the NYSDEC Notification Form (Table 7) and the Facility Complaint Log (refer to Table 13), included in the Tables section of this Manual, are available for use in compiling the written report.

A comprehensive list of Emergency Contact Information, included as Table 1, is posted in conspicuous locations at the Facility.

10.1.1 Alarm and Communications

The Facility is equipped with a fire alarm system capable of automatically detecting elevated temperature conditions, sounding an audible alarm, and sending notification to 911 services.

Site communications include land-line telephones and hand-held radios permitting constant and immediate communications between Facility employees, as well as, off-site emergency personnel.

Should telephones or radios become non-functional (in the event of excessive noise, equipment failure, loss of signal, etc.) hand signals will be employed. Workers are instructed in standard practices for this situation.

10.2 DESIGNATION OF EMERGENCY COORDINATORS

If an emergency situation occurs at the Facility, employees must contact the designated Emergency Coordinator. If present, the Facility Manager acts as the Emergency Coordinator; if not, the Facility Supervisor will act as the Emergency Coordinator.

The Emergency Coordinator is responsible for maintaining the health and welfare of Facility personnel and the surrounding community with respect to emergency conditions at the site. The Emergency Coordinator is responsible for taking the steps necessary to implement the Contingency Plan, contact emergency services, and manage the safe egress of Facility personnel from affected areas until site operations can be returned to normal.

At all times during hours of Facility operation, there will be at least one (1) Emergency Coordinator on site or on call, with the authority to commit the necessary resources of the Facility to carry out the provisions of the Contingency Plan.

A comprehensive list of Emergency Contact Information is included as Table 1 within this Manual.

10.2.1 Responsibilities of the Emergency Coordinator

The Emergency Coordinator is responsible for maintaining the health and welfare of Facility personnel and the surrounding community with respect to contingent conditions at the site. The Emergency Coordinator is responsible for taking the steps necessary to implement this Plan, contact emergency services, and manage the safe egress of Facility personnel from affected areas until site operations can be returned to normal.

10.2.1.1 Implementation of Contingency Plan

This Plan is to be implemented in response to the occurrence of situations that prevent the Facility from operating in conformance with the routines prescribed within the companion documents and/or possess the potential to endanger human health and safety or the environment such as fire, explosion, material release or spill. Upon identification of these conditions, the Emergency Coordinator will be immediately notified as described below.

10.2.1.2 Notification of Proper Persons

In the event of an imminent or actual contingent occurrence, the first person on the scene must notify the Emergency Coordinator, who in turn will initiate a proper response to the situation in question. Notification of the Emergency Coordinator is to be performed second only to notification of on-site personnel proximate to the occurrence and/or site evacuation, depending on the magnitude of the situation.

Having been apprised of the situation, the Emergency Coordinator will then proceed to notify all Facility personnel by initiating the internal communications system, (if not previously initiated), and, if necessary, aid in evacuation. Progression of notification will continue to local, State, and Federal response agencies deemed appropriate by the Emergency Coordinator.

Table 1 of this Plan is a comprehensive list of Emergency Contact Information, including the phone numbers of Emergency Coordinators and emergency response services, which will be posted in conspicuous locations of the Facility.

10.2.1.3 Identification of Threat

Should an imminent or actual contingent event occur it is the responsibility of the Emergency Coordinator to identify the origin of this threat, prior to initiating a contingency response.

10.2.1.4 Assessment of Situation

Should an imminent or actual contingent event occur requiring the initiation of contingency measures, it is the responsibility of the Emergency Coordinator to make an assessment as to the extent of the area affected by the

situation. This assessment may (or may not) be limited to operational areas within the Facility or areas of surrounding communities.

Once this assessment has been established, it is the responsibility of the Emergency Coordinator to contact applicable local response units and the NYSDEC to provide information pertinent to the contingent situation.

10.2.1.5 Establishment and Evaluation of Control Procedures

The Emergency Coordinator is responsible for ensuring the establishment of controls to guard against a worsening of the situation. Although implemented measures will vary depending upon the situation, all controls established are to be evaluated by the Emergency Coordinator in terms of their effectiveness in preventing the promulgation of a contingent situation.

10.2.1.6 Remediation of Effected Area

In a time which will occur as soon as is reasonably possible after a contingent event, the Emergency Coordinator is responsible for ensuring that wastes, liquids, or other contaminated materials associated with the contingency be stored and disposed of in a manner consistent with State and Federal rules and regulations. The Emergency Coordinator is also responsible for ensuring that emergency equipment is replenished or replaced, as necessary.

10.2.2 Evacuation Plan for Facility Personnel

Select contingent events may require evacuation of Facility personnel to a pre-determined, on-site assembly area for the purposes of verifying head count, ensuring that staff are positioned out of harm's way, while providing for direct communication.

The Emergency Coordinator will make the decision to evacuate the site and will, at that time, indicate this decision by verbally notifying all personnel, and activating an alarm. The evacuation will proceed according to posted evacuation routes; personnel will assemble at the corner of 1st Avenue and 50th Street. The Emergency Coordinator will then ensure that all personnel are accounted for and that the site is accessible to emergency service vehicles. Communication between groups will be maintained, as necessary, through the methods described within Section 10.1.1, "Alarm and Communications". Sheet No. 5, "Evacuation Route Plan" present emergency egress routes within the Facility limits. Evacuation routes are labeled as per 29 CFR 1910.145 (Specifications for Accident Prevention Signs and Fags) and per any applicable local rules and regulations. Additionally, the Emergency Coordinator periodically conducts evacuation exercises so that the employees become familiar with the evacuation routes and assembly areas.

10.3 PREPAREDNESS, PREVENTION AND RESPONSE TO CONTINGENT EVENTS

10.3.1 Personal Protective Equipment (PPE)

The risk of injury resulting from work related activities can be minimized through the proper use of PPE, appropriate mechanical guards, and employee training.

Because of the nature of the materials processed and the manner in which these materials are processed by Waste Connections, physical hazards are the major worker safety concern at the site. It is important, therefore, that personnel be trained to understand these hazards and the application of PPE and safety requirements to minimize potential physical hazards. Physical hazards are identified, listed, and marked in accordance with 29 CFR 1910.144, "Safety Color Code for Marking Physical Hazards".

Protective equipment for personnel at the Facility includes but may not be limited to:

Personal Protective Equipment	Regulation
Respirators	
Safety Boots/Shoes	29 CFR 1910.136
Hard Hat	29 CFR 1910.135
Gloves (puncture resistant, chemical)	29 CFR 1910.138
Safety Glasses (Goggles)	29 CFR 1910.133
Face Shield	29 CFR 1910.133
Disposable Overalls	29 CFR 1910.132
Emergency Stop Switches for Machinery	29 CFR 1910.216 (e)
Hearing Protection	29 CFR 1910.59
High Visibility Clothing	29 CFR 1910.132

All operating personnel are trained in the proper use of this protective equipment. Management will assure that an adequate supply of personnel protective equipment is always maintained at the Facility. PPE is stored in the equipment room of the Facility. In addition, first aid kits and an eye wash station are available within the Building.

10.3.2 Staff Training

As described in Section 7 "Staffing and Training Plan", all Facility personnel are required to complete Waste Connections' corporate safety training program, which includes the identification, description, control of work-related hazards, and site-specific training in solid waste handling and transfer station operations.

Workers are also provided copies of the Emergency Contact Information, presented in Table 1 in addition to this information being posted in designated, conspicuous areas of the Facility.

Blood borne Pathogens training is also provided in order to comply with OSHA 1910.1030, which was designed to protect workers from exposure to infectious agents carried in blood and other human bodily fluids and tissues.

10.3.3 Fire Protection and Prevention

Fire protection at the site is provided by FDNY. Engine Company 228 is closest to the Facility and is located at 436 39th Street in Brooklyn. This Plan and Sheet No. 3, "Facility Site Plan," will be provided to the FDNY in order to familiarize emergency responders with Facility access, operations, and infrastructure, including the Building systems.

Personnel staffing the Facility receive periodic training on the proper use of on-site firefighting equipment. Descriptions of the fire protection strategies to be utilized during Facility operation are presented below.

10.3.3.1 Fire Suppression and Fire Extinguishers

The Facility is protected by a suspended "dry" sprinkler system that consists of a ceiling mounted pipe network and sprinkler heads. Supply for the sprinkler system is provided via direct connection to the NYC water supply system. Flow controls and mechanical equipment for the sprinkler system are located within the sprinkler room along the north wall of the Building. Also, several fire hose connections have been installed along the interior of the north wall, each equipped with fifty feet (50') of fire hose which can be used to supplement fire protection.

In addition, the Facility is equipped with numerous fire extinguishers. The fire extinguishers are suitable for use on Class A, B, and C fires making them suitable for use against fires involving wood, paper, cloth, rubber, plastics,

flammable liquids, gases and greases, and for electrical components. All Facility personnel have been trained in the use of fire extinguishers and know to immediately call for professional assistance when necessary.

Refer to Sheet No. 3, "Facility Site Plan" of the Engineering Drawings for locations of the fire system components.

In the unlikely event of a fire or explosion at the Facility, the NYSDEC Region 2 Solid Materials Engineer will be immediately notified, as well as the FDNY. The Contingency Plan Implementation Report (Table 5) and the NYSDEC Notification Form (Table 7), included in the Tables section of this Manual, are available for Waste Connections use.

10.3.4 Fire Hydrants

Municipal fire hydrants are located along 1st Avenue and 50th Street which are available for use by FDNY.

10.3.5 Smoking

Smoking (except for in locations specifically designated by the Waste Connections), open flames, or other lighted objects are prohibited at the Facility. Waste Connections prohibits smoking within Facility and in the vicinity of flammable or combustible materials.

10.3.6 Response

10.3.6.1 Fire on the Tipping Floor

Should a fire develop on the Tipping Floor, regardless of whether or not the automatic fire suppression equipment is triggered, an alarm condition will be triggered by the area operations personnel and emergency response services will then be alerted. The Emergency Coordinator will then be notified and an emergency action plan initiated.

In the event of a fire within the waste on the Tipping Floor, mobile equipment is to be used (at the discretion of the Emergency Coordinator and to the extent possible) to transport suspect material out to 50th Street where it may be safely extinguished by Facility staff and/or local emergency services.

Should the fire originate within mobile equipment on the Tipping Floor, the equipment shall be isolated by removing waste from the Building or driving the vehicle out to 50th Street where it may be safely extinguished by operations staff and/or local emergency services. Liquid generated by a fire fighting event will be collected through the utilization of the Facility's spill control equipment.

Material handling operations shall cease until the Emergency Coordinator has determined the cause of the fire and that there is no further threat of fire in the Facility. Area operations personnel shall be evacuated from the area until the Emergency Coordinator has determined that it is safe to re-enter the Building.

"Hot Loads" detected at the Facility will be handled as described in Section 6.6, "Management of Hot Loads" of this Manual.

10.3.7 Dust, Particulates and Odor Control

Dust and odors generated from operations within the Building is subject to treatment through the use of a Dust and Odor Control System, a Ventilation System, and routine maintenance procedures, to reduce the accumulation of dust and particulates that may result from operations. Dust and odor control measures also include the previously described Dust and Odor Control System fitted with a network of high pressure discharge nozzles that disperse a combination of atomized water to provide dust suppression and a liquid odor neutralization product designed to absorb and/or eliminate odors associated with solid waste transfer stations.

All tipping, storage, and loading operations take place inside the Building with the rapid roll up overhead doors in the closed position. All PSW must be removed from the Facility within twenty-four (24) hours which serves to reduce

the potential for odor generation. As per the Facility's PSWTS Permit, the Tipping Floor must be cleared of solid waste between 11:30 PM and 12:00 AM. During this time, the Tipping Floor is cleaned by sweeping and/or washing. Additionally, openings for vehicular access to the Building interior is controlled using a combination of rapid roll-up and conventional roll-up overhead doors.

Periodic visual inspections are performed to assess the extent of dust accumulation and identify areas in need of dust removal.

In the event the Dust and Odor Control System malfunctions, the Facility can deploy measures to control odors including the use of several 55 gallon drums of AiReactor odor counteractant with an air aspirator system at strategic locations in the Facility. Waste Connections will deploy such measures to effectively control odors prior to the odors constituting nuisances. If the DustBoss® malfunctions, the Facility can utilize hoses to water down the C&D debris to control the dust.

The Dust and Odor Control System is shown on Sheet No. 3, "Facility Site Plan" and detailed within Appendix E.

10.3.8 Excessive Noise

Facility staff are trained to determine the normal acceptable noise levels at the Facility during operations. Noise impacts are largely mitigated by conducting waste tipping and processing operations within the confines of the enclosed Building. Excessive noise levels detected by Facility personnel will be brought to the attention of the Emergency Coordinator.

The Facility is situated near major noise sources, including traffic on 1st Avenue, especially truck traffic servicing nearby industrial facilities, noise from idle trucks at nearby loading docks, and buses at the bus repair facility located on 50th Street.

If the source of the unacceptable noise is determined as emanating from a vehicle or piece of equipment not owned by the Facility, the Facility Supervisor will notify the Driver and Owner of this violation and advise them that future acceptance of that vehicle will be in jeopardy until adequate repairs are completed or it will be refused future access.

Vehicles and equipment are maintained to ensure their exhaust systems are maintained to perform within manufacturer's specification. Should it be determined that the source of the excessive noise at the Facility emanates from a vehicle or equipment owned Waste Connections, the Emergency Coordinator will be notified and corrective maintenance will be performed to attain this standard.

10.3.9 Insect and Vector Control

The control of potential vectors at the Facility are addressed with a commitment to operational practices that include efficient throughput of materials and the routine inspection and maintenance procedures detailed within this Manual. Handling of PSW and C&D debris is performed within the enclosed Building with the roll-up doors closed and the Tipping Floor is swept clean on a daily basis and deodorized as noted above.

In addition, a local licensed pest control company is contracted by Waste Connections to provide for routine inspection and services. Refer to Appendix F for a copy of Waste Connections' agreement with the pest control company. If needed, Waste Connections can request unscheduled visits unscheduled visits to the Facility to maintain control of vectors, if necessary.

10.3.9.1 Asian Longhorn Beetle

Within twenty-four (24) hours of the discovery of the receipt of virgin wood, the Facility shall segregate such wood and transfer it to an establishment approved by NYS Department of Agriculture and Markets to accept potential Asian Longhorn Beetle (ALB) host material.

For each delivery of material that contains virgin wood, the Facility will maintain a record of the following:

- Date of such delivery,
- Origin of the virgin wood in such delivery,
- Date of the Facility's disposition of the virgin wood in such delivery, and
- Manner of disposition of the virgin wood in such delivery.

Such record shall be maintained on-site for no less than seven (7) years.

The Facility will also report the discovery at the Asian Longhorn Beetle website online reporting feature which can be found at https://www.aphis.usda.gov/aphis/resources/pests-diseases/asian-longhorned-beetle/report-it.

10.3.10 Site Security

The Facility operates twenty-four (24) hours per day, six (6) days a week and is sufficiently staffed which prevents an unauthorized entrance into the Facility. The Facility is also equipped with closed circuit security cameras. At the close of business hours, or when no attendant is on duty, all the Building doors are secured and locked to prevent unauthorized access and possible subsequent injury to personnel, and to preclude illegal dumping.

10.3.11 Loss of Water or Electricity

Electric service is provided by Con Edison and water it provided by the NYCDEP, Bureau of Water Supply. Should there be any interruption to electricity, portable generators would be utilized to provide power to critical Facility systems (i.e. roll-up doors, scales, lighting, etc.).

An interruption of water service would have minimal effect on the Facility's operation., however it the interruption exceeds twenty-four (24) hours, Waste Connections will retain a water truck from a third party vendor to effectively control dust while operating, if required.

In the event of a widespread interruption of utility services due to hurricane damage, waste could still be accepted on a short term basis, since there is available storage volume at the site. Waste Connections has the ability to employ a portable 55 gallon drum misters as a back-up system for Dust and Odor Control System. In the event of a long-term interruption of utility services, PSW can be redirected to other Waste Connections PSWTS located in the NYC area, or other approved disposal/management facilities. Customers that typically tip C&D debris will be notified of the interruption of utility services and will be asked to refrain from coming to the Facility until service is restored.

10.3.12 Protection of Surface Waters and Groundwater

10.3.12.1 Spill Control Equipment

In the event of a spill, the employees will be instructed to contact the Emergency Coordinator to determine the extent and nature of the spill and direct remedial efforts as appropriate. Spill control products are maintained in the Spill Control Equipment Shed inside the Building for response to an accidental spill or leak from a piece of mobile equipment (such as from a hydraulic hose) or to collect liquids discharged during a fire fighting event. The procedure for control is to deploy spill control products over the spill area, contain the resultant product and contaminant mixture, and dispose of the mixture with other, landfill-bound waste.

Should a spill occur that releases a potentially toxic or suspected hazardous material, the spill shall be immediately contained, call the fire department, the NYC Fire Department at (911) and the NYSDEC Region 2 Solid Materials Engineer at (718) 482 4996. If necessary, the NYSDEC Twenty-four (24) Hour Spill Hotline shall be immediately notified at (800) 457 7362. Any spill and associated remediation efforts will be documented on a Contingency Plan Implementation Report (Table 5), or similar means, for inclusion in the Facility's annual report.

10.3.12.2 Collection of Leachate and Wastewater

As detailed in Section 5.12.5, “Protection of Surface Waters and Groundwater”, material handling operations take place on the reinforced concrete Tipping Floor within the enclosed Building to guard against the potential of pollution, spills, or wash-down water to surface waters, soils, or groundwater.

Leachate generated in the Building that is not absorbed by the solid waste is directed into the underground double-walled oil/water separator which removes suspended solids and free-floating oils.

Should a leachate spill occur outside the perimeter of a Leachate Management System, the spill shall be contained and disposed of in accordance with Section 5.12.5.1, “Spill Control Equipment”.

10.3.13 Provision for Equipment Breakdown or Power Failure

In the event of a Facility outage or other significant malfunction, which results in the Facility's inability to receive or process materials in accordance with permitted daily capacity and the operational procedures detailed within this Manual, the NYSDEC Region 2 Solid Materials Engineer will be immediately notified via fax or email. The NYSDEC Notification Form included as Table 7 of this Manual may be utilized to satisfy this notification requirement. Additionally, a record of these events will be documented in the Facility’s annual report. The Contingency Plan Implementation Report included as Table 5 of this Manual is available for these recordkeeping purposes. At no time shall the capacity of the delineated tipping areas for storage be exceeded nor shall vehicles be permitted to queue other than in the areas designated at the Facility for this purpose.

If, for a period lasting more than twenty-four (24) hours, the Facility’s ability to receive and/or process materials were to continue to be impeded as described above, the hours of waste acceptance may be reduced and/or, PSW Tipping Vehicles may be directed to proceed to the following Waste Connections 577 Court Street PSWTS. C&D debris Tipping Vehicles will be turned away.

The phone numbers of customers and haulers, their dispatchers, and company supervisors will be maintained at the Facility to facilitate a smooth transition to this possible adjustment of operational hours.

10.3.13.1 Mobile Equipment

Daily operation of the Facility relies upon the use of mobile equipment; the breakdown of which, may potentially interrupt operations at the Facility. In the event of a required mobile equipment repair which would affect the Facility’s ability to sustain daily throughput rates, a replacement piece of mobile equipment may be obtained from the Waste Connections reserves or rented from a local equipment vendor. As such, the failure of a piece of mobile equipment at the Facility would only result in a minimally extended period of waste processing to compensate for delays incurred during equipment replacement.

Maintenance Staff are employed for the purpose of performing routine maintenance on mobile equipment. To complete this routine maintenance or in the event that repairs exceed the capacity or ability of the Facility Maintenance Staff, both on-site and off-site mobile equipment service may be performed by third party local vendors. For equipment that may be out of service for an extended period of time, replacement equipment may be made available by a local equipment vendor.

10.3.13.2 Stationary Equipment

In addition to mobile equipment requirements, operation of the Facility also relies upon the use of stationary scale equipment; the breakdown of which, may potentially interrupt operations. If one (1) of the two (2) Truck Scale were to be rendered inoperable, Tipping Vehicles would utilize the remaining Truck Scale for inbound and outbound transactions. Likewise, if one (1) of the Truck Scales is being repaired, normal operations can be accomplished by using the remaining Truck Scale. After the Truck Scale currently located in the Proposed Equipment Repair Area is removed, Waste Connections will utilize the truck scale located at the Waste Connections 563-577 Court Street Transfer Station for inbound and outbound transactions.

Maintenance Staff and Laborers are employed for the purpose of performing routine maintenance and repair of the stationary equipment. To complete this routine maintenance or in the event that repairs exceed the capacity of the Facility Maintenance Staff, service of stationary equipment may be performed by an equipment vendor or third party.

For equipment that will be out of service for an extended period of time, if the breakdown is due to a warrantee service component, replacement equipment can be made available by the equipment vendor. If the breakdown is due to a non-warrantee service component, rental equipment will be made available by the equipment vendor.

10.4 MEDICAL EMERGENCY/FIRST AID

Any care which has been administered by an Emergency Coordinator will be continued until a medical professional can arrive and is prepared to relieve the care giver. Contact information for local emergency medical response units are presented in Table 1. Figure 5 presents the access route to the nearest hospital.

For non-emergencies, the Facility maintains a first aid kit at a conspicuously marked location near the Bathroom and Lockers.

All Facility employees receive training in Bloodborne Pathogens to comply with OSHA 1910.1030. Should an event resulting in a medical emergency occur, the Emergency Coordinator will be informed, and a trained emergency medical response unit is to be summoned as soon as is reasonably possible.

10.5 INFORMATION FOR EMERGENCY SERVICES

In responding to an emergency incident at the Facility, the information in the following subsections will be obtained and made available to emergency services:

10.5.1 Properties of Materials Involved

The Facility handles material streams classified as Putrescible Solid Waste (PSW) and C&D debris. PSW streams typically include materials generated from house hold and commercial waste. Items associated with this waste stream may include, but not be limited to, food waste, paper, and plastics. C&D debris typically include waste resulting from construction, remodeling, repair and demolition of structures, buildings and roads. C&D debris includes fill material, demolition wastes, and construction wastes.

10.5.2 Associated Hazards of Solid Waste

Of the waste types permitted for acceptance at the Facility, hazards associated with the handling of these materials are generally limited primarily to physical hazards.

The Facility will not accept known suspected hazardous, regulated medical, radioactive, contained gaseous waste, or wastes other than those classified above.

Limited quantities of unauthorized wastes (as detailed within Appendix G) may be stored within the Unauthorized Waste Staging Area located at the rear of the Facility behind Loading Bay #1.

10.5.3 Emergency Vehicle Access

Emergency vehicles are able to enter the Facility from 50th Street via 1st Avenue or 2nd Avenue. Access to the rear of the Building can be made via the abandoned railroad.

Should an emergency event render site access from 50th Street unpassable, auxiliary emergency access to the Facility is available from 51st Street to 1st Avenue.

10.5.4 Distribution and Availability of Plan

Copies of this Manual, including the appendices, will be shared with PDNY and FDNY, the nearest hospital, and state and local emergency response teams, which may be called upon to provide emergency services at the Facility. Should alterations be made to the Facility's infrastructure, these same parties may be apprised of the modifications and solicited for input regarding the adaptation of emergency plans.

Additionally, a copy of this Plan will be maintained on site and will be made available to contractors and equipment suppliers who may operate at the Facility.

10.6 SEVERE WEATHER

Severe weather conditions represent the potential to interrupt normal operations due to such impacts as impaired mobile equipment operation, limited visibility, limited manual dexterity and interrupted electrical services. This section addresses the planned response in the event of severe weather induced contingencies.

10.6.1 Snow, Sleet & Hail

Snow, sleet, and hail can impair mobile equipment operation by creating slippery conditions, reduction in travel speed, and visibility limitations. These conditions may become a concern for vehicle and pedestrian traffic outside of the operational areas. Material handling operations are performed inside of the Building and therefore should not be directly affected by inclement weather.

The mobile equipment at the Facility is used to clear snow from the entrances to the Facility. Under severe snow, sleet, or hail events, waste acceptance may be temporarily suspended or reduced.

Additional, the DSNY may also request the Facility accept additional waste in the event of a snow emergency. Refer to Section 10.9 for additional details.

10.6.2 Rain

Rain can impair mobile equipment operation by creating slippery conditions, flooding, reduction in travel speed, and visibility limitations. These conditions may become a concern for vehicle and pedestrian traffic outside of the operational areas. Material handling operations is performed inside of the Building with the roll-up overhead doors in the closed position and therefore should not be directly affected by inclement weather. Under severe rain conditions, waste acceptance may be temporarily suspended or reduced.

10.6.3 Wind

Severe wind has the potential to damage facilities and drastically increase the potential for windblown waste and litter. Material handling operations is performed inside of the Building and therefore should not be directly affected by inclement weather. However in the event that high winds occur, extra attention will be paid to ensure Facility doors are operated in a manner consistent with minimizing the exposure of waste to wind. All Tipping Vehicles always untarp inside the Building, as such sever wind conditions should not be an issue. Under severe wind conditions, waste acceptance may be temporarily suspended or reduced.

10.6.4 Extreme Heat

Excessive heat can result in serious health concerns for Facility operational staff. Workers may be exposed to excessive heat during hot weather. Physical signs of early heat illness are mild dizziness, fatigue or irritability, decreased concentration or impaired judgment. Continued exposure can result in heat exhaustion and heat stroke. Heat stroke is a medical emergency that requires immediate medical attention.

Training to know the signs of heat stress and heat-related illnesses will be included in the basic safety training provided to all employees. Facility workers are regularly briefed on using caution during warm weather. Precautions are taken to give employees appropriate breaks in the climate controlled break room and provide adequate drinking

water to maintain hydration. The Facility manager and Facility Supervisor will maintain close contact with employees exposed to excessive heat and ensure that workers are taking breaks and drinking water.

During periods of excessive heat, mobile equipment operation is also be closely monitored to ensure that no single piece of equipment is being unnecessarily taxed or over utilized to prevent breakdown or risk to the employee.

10.6.5 Extreme Cold

Extended periods of excessive cold can create difficult working conditions, reduce traction on navigable surfaces, promote the freezing of water pipes, and create difficulty in starting mobile equipment. Operations personnel are equipped with suitable cold weather apparel to allow continuous ability to perform their job functions. In order to reduce cold weather starting problems, mobile equipment are equipped with block heaters, as required. Critical liquid piping and mechanical components is insulated and heat traced can provided to supplemental protection against freezing.

10.7 UNAUTHORIZED WASTES

The Facility will only accept materials as authorized by the NYSDEC and DSNY. All other materials are to be designated as unauthorized and managed in accordance with the procedures detailed within Appendix G, Unauthorized Waste.

Facility operations include procedures for screening and removal of unauthorized waste types from the inbound waste streams as described below and further detailed under Section 6 “Waste Control Plan”.

10.8 UNUSUAL TRAFFIC CONDITIONS

Due to the nature of deliveries and the potential for routine maintenance of roadways it is possible that unusual traffic conditions could develop which, if not managed properly, could result in a disruption of Facility traffic and traffic on local roadways. The following subsections outline measures to be undertaken in such an instance.

10.8.1 Scaling

The Facility has two (2) Truck Scales located in the Building. In the event one (1) of the Truck Scales is out of service as a result of maintenance or breakdown, the remaining Truck Scale can be used to weigh truck traffic. After the Truck Scale currently located in the Proposed Equipment Repair Area is removed, Waste Connections will utilize the scale located at the Waste Connections 563-577 Court Street Transfer Station for inbound and outbound transactions. These provisions are further described within Section 10.3.13.2, “Stationary Equipment”.

The Laborer/Traffic Coordinators and Scale Operator direct all inbound and outbound Tipping Vehicles utilizing the Truck Scales.

10.8.2 Queuing

Tipping Vehicles and Transfer Trailers enter and exit the Facility via lawful truck routes as shown within the Transportation Plan included in Appendix I.

Truck queuing areas for the Facility are designated along the northwest side of 1st Avenue between 43rd Street and 53rd Street and along the southeast side of 1st Avenue between 51st Street and 54th Street. Transfer Trailers and Tipping Vehicles queue closest to the Facility when possible. These designated queuing areas not only allow ample Facility truck queuing but also permit vehicle parking and other commercial truck to queue along the 1st Avenue corridor which also allows unobstructed traffic movement on 1st Avenue. Queuing along the 50th Street across from the Facility is also available. Facility personnel utilize portable hand-held radios to advise the Facility Manager of the availability of queuing areas in order to maintain smooth operating conditions at the Facility.

10.8.3 Unusual Traffic Conditions on Surrounding NYC Roadways

There are several commercial and/or industrial establishments located in the area surrounding the Facility. As such, there may be unusual traffic condition that occurs off the site which is beyond any control of Waste Connections. However, in the event of unusual traffic conditions, Waste Connections shall attempt to reschedule the arrival of trucks to minimize traffic congestions and queuing. As appropriate, Waste Connections shall advise the relevant government agency of such unusual traffic condition.

Such conditions will be handled in accordance with NYS DOT standard procedures and the terms of the individual waste transporter's Contingency Plan. Street traffic in and around the Facility is directed at all times by a Facility Manager. Laborer/Traffic Coordinators will be used at all times to verify lateral and vertical clearance and traffic conflicts during vehicle movements.

10.9 DSNY EMERGENCY OPERATIONS REQUEST AND NOTIFICATIONS

Due to emergency events, including but not limited to winter storm events, DSNY may intermittently request, in writing, that the Facility operator temporarily receive up to 1,500 TPD of PSW.

It is Waste Connections understanding that each such request by DSNY shall contain the following information:

- the cause of the emergency operation;
- reasons why the condition is an emergency, and the effects of the emergency in general;
- the effects of the emergency that create the need for the emergency operation;
- the date and time that the emergency operation shall commence, and the date and time it is expected to end;
- what the requestor has done, is doing, and plans to do to address the causes and effects of the emergency;
- the requestor's potential alternatives to resolving the emergency and its effects;
- the advantages and disadvantages of such alternatives;
- the name and address of each Facility where the emergency operation is requested;
- the emergency operation that is requested at each such Facility; and the name, signature, title, and phone and fax number of the person making such request.

In order to act on such requests in a timely manner that (1) adequately protects the environment and (2) provides adequate notification to NYSDEC, the Facility shall deliver three (3) copies of a completed "Notification of Emergency Operation" to NYSDEC; one (1) to the Regional Permit Administrator, by fax, and two (2) to the Regional Solid Materials Engineer, one (1) by fax and one (1) by email. A sample of such notice is enclosed in Appendix J. To the extent that the Facility operator receives such request from the DSNY in a timely manner, at least one (1) business day prior to the commencement or renewal of each such emergency operation, as appropriate, three (3) copies of such notice shall be so delivered to NYSDEC. Upon the Facility operator's receipt of NYSDEC's written direction, the Facility operator shall cease or modify such emergency operations, as so directed.

10.10 EMERGENCY NOTIFICATION TO NYSDEC

In case of each of the following events:

1. a fatality or injury on-site;
2. a fire, explosion, or other significant event which affects Facility operation; or
3. the activation of the Facility's alarm system, or
4. an unscheduled closure of the Facility exceeding 24 hours.

the Facility operator shall take the following steps, as appropriate.

Within 1 hour following such event, the Facility must contact the Regional Solid Materials Engineer via telephone at 718-482-4996 and via e-mail at kenneth.brezner@dec.ny.gov with the following information:

1. The name and address of the Facility where the event occurred;
2. The date and time of the event; and
3. The name and phone number of a Facility staff person the NYSDEC can contact regarding such event.

Before Noon on the first business day following the event, the Facility must e-mail a statement with the following information to the Regional Solid Materials Engineer at kenneth.brezner@dec.ny.gov:

1. The name and address of Facility where the event occurred;
2. The date, time, and specific location of the event;
3. The circumstances leading up to the event;
4. An adequately detailed description of the subject event;
5. An explanation of how the event was handled;
6. An explanation of the steps that the Facility operator shall take to avoid and/or better handle such an event; and
7. The name and phone number of a Facility staff person the Department can contact regarding such event.

10.11 CLOSURE

Closure of the Facility will be in accordance Section 12 of this Manual.

11.0 REPORTING AND RECORDKEEPING

Waste Connections prepares and submits an annual report to the NYSDEC as per 6 NYCRR Part 360.19(k)(3) for the operation of its Facility, no later than March 1st of each year for the previous calendar year. These reports must include summaries of the daily records accounting for throughput and details of equipment added to the Facility and occurrences which have led to changes in Facility procedures.

Daily operational records are maintained by the Facility and filed on site, indicating the date, signature of information recorder, and quantity and destination of material by category. Facility Operating and Inspection Logs, performed at the frequency described in Section 8, "Facility Inspection Plan", include the date and time of the inspection, the name of the inspector, a description of the inspection, the observations recorded, and the date and nature of actions made as a result of the inspection. Examples of the typical reporting logs may be found in the Tables section of this Manual.

All C&D debris and recyclables culled from the C&D debris will be tracked using the NYSDEC's Part 360 Series Waste Tracking Document. The Facility will submit the completed forms to NYSDEC via the following methods:

- e-mail to transport@dec.ny.gov or
- fax to 518-402-9034 or
- mail to 625 Broadway, 9th Floor, Albany, NY 12233-7251.

Operational records will be maintained on site for a period of not less than seven (7) years.

In the event of an emergency event at the Facility, including fires, receipt of unauthorized waste, spills, an unscheduled Facility shutdown, liquid detected in the interstitial space of the oil/water separator, or a damage and/or malfunction of a Facility structure, the NYSDEC Region 2 Solid Materials Engineer will be immediately notified via fax or email. The NYSDEC Notification Form included as Table 7 may be utilized to satisfy this notification requirement. Additionally, a record of these events will be documented in the Facility's annual report. Table 5, the Contingency Plan Implementation Report is available to the Facility for recordkeeping purposes.

Also, should the City of New York make a request to the Facility for emergency operations due to a snow emergency, Waste Connections shall notify the NYSDEC.

Copies of the 6 NYCRR Part 360 Permit and Conditions, this Manual, and the most recent annual report will be maintained at the Facility and be available for ready reference by Facility personnel and be available for inspection and review by the NYSDEC and/or agencies having jurisdiction over the Facility and/or its operation(s).

11.1 RECORDS SECURITY

Waste Connections utilizes the following types of record security:

1. Protection from unauthorized use (e.g., theft, espionage, etc.). The usual practice is to maintain these records under lock and key. Personnel and medical records are considered secured files which are only released only to authorized individuals.
2. Protection against damage from natural causes (e.g., heat, water, dust, etc.). This protection is provided by selection of adequate file cabinets. In addition, redundancy, (i.e., duplicate copies of important documents are retained in separate offices).

12.0 CLOSURE

Closure of the Facility will be in accordance with the requirements of 6 NYCRR 360.21 and include the following:

- Notification to the NYSDEC in writing thirty (30) days prior to the anticipated final receipt of waste and within seven (7) days of completion of all closure activities;
- Within thirty (30) days after receiving the final quantities of wastes, an annual report will be submitted to the NYSDEC as required;
- Within sixty (60) days after receiving the final quantity of waste, any remaining waste will be removed and delivered to a facility authorized to accept the waste, and;
- Within ninety (90) days after receiving the final quantity of waste, all closure activities will be completed, including removal of all products resulting from the processing of waste and decontamination of all equipment and structures in any aspect of waste management, in a manner acceptable to the NYSDEC.

Pursuant to 6 NYCRR Part 360, this preliminary Closure Plan has been developed in response to the closure requirements for operating a Solid Waste Management Facility. A more detailed plan may be developed if a closure investigation is required. A closure investigation may be needed if releases of hazardous materials have occurred at the Facility that may have impacted subsurface soils or groundwater. It is unlikely that such a closure investigation will be required at this Facility since hazardous waste is not accepted at the Facility. The response to spills, as described in Sections 5.12.5 and 10.3.12, implemented by the Facility is standard operating procedures.

Should specific closure measures beyond those described below are required, a closure implementation/investigation plan will be submitted to the NYSDEC for approval prior to implementation.

12.1 SITE CLEAN-UP AND RESTORATION

At the cessation of site operations, all solid waste will be appropriately disposed at approved facilities. PSW and C&D debris will be separated and transported for disposal. The goal is to reduce the volume of material, which would require other disposal arrangements. This will be completed within thirty (30) days of the decision to close the Facility. The site will be fully secured to preclude potential illegal dumping. The closing of the Facility is not anticipated to cause any adverse effect on the surrounding community, as such, it is assumed that no additional or unusual processing steps will be required. All remaining waste will be properly disposed of utilizing permitted solid waste transporters and permitted disposal facilities. The Facility will be left in a "broom clean" condition. Since the PSW and C&D debris storage, tipping and loading operations occur within the enclosed Building with a concrete floor and floor drains that transmit any liquid that may leach from the waste, it is highly unlikely that any soil or groundwater impacts would occur, as noted earlier.

Vectors will be appropriately treated by a professional exterminator as necessary and removed from the site. A program to treat on-site vectors will be developed to ensure that no adverse impact will occur to the surrounding community.

The efficacy of the site clean-up efforts will be verified as such efforts are completed. Verification procedures may include, but are not be limited to, visual inspections, air monitoring, and the collection and analysis of wipe samples.

Any waste generated or contained by site clean-up efforts will be appropriately handled, stored, and disposed in accordance with all applicable rules and regulations.

Hazardous and toxic wastes, as determined by testing, will be handled separately and disposed of in accordance with all applicable rules and regulations at a licensed Treatment Storage and Disposal Facility (TSDF). The site will be left in a "broom clean" condition.

Once the site has been determined to be fit for closure, via verification of the efficacy of any site clean-up efforts performed, the site will be restored to its original grade condition.

12.2 CLOSURE COST ESTIMATE

The proposed closure cost estimate for the Facility is included as Appendix K to this Manual.

The closure cost estimate does not include any soils and/or groundwater remediation, vector control, or any service or product not specifically detailed or mentioned in this section and is subject to actual Closure Plan requirements and site conditions at the time of closing.

Waste Connections maintains financial surety to ensure the Closure Plan will be implemented, including the removal of solid waste by a third party vendor. Copies of the surety bond and riders thereto are enclosed in Appendix B. The latest surety bond reflects the estimated closure costs provided by NYSDEC (line items and unit costs) shown above.

13.0 LIMITATIONS

The work product included in the attached was undertaken in full conformity with generally accepted professional consulting principles and practices and to the fullest extent as allowed by law we expressly disclaim all warranties, express or implied, including warranties of merchantability or fitness for a particular purpose. The work product was completed in full conformity with the contract with our client and this document is solely for the use and reliance of our client and the NYSDEC (unless previously agreed upon that a third party could rely on the work product) and any reliance on this work product by an unapproved outside party is at such party's risk.

The work product herein (including opinions, conclusions, suggestions, etc.) was prepared based on the situations and circumstances as found at the time, location, scope and goal of our performance and thus should be relied upon and used by our client recognizing these considerations and limitations. Cornerstone Engineering, Geology and Land Surveying, PLLC shall not be liable for the consequences of any change in environmental standards, practices, or regulations following the completion of our work and there is no warrant to the veracity of information provided by third parties, or the partial utilization of this work product.

APPENDIX B

FINANCIAL SURETY BOND

RIDER

To be attached to and form a part of Bond No. SUR0041358

Effective: September 11, 2017

Bond Amount: $195,000.00

Executed by: Waste Connections of New York, Inc., as Principal

and by: Argonaut Insurance Company, as Surety

in favor of: New York Department of Environmental Conservation, as Obligee

In consideration of the mutual agreements herein contained, the Principal and the Surety hereby consent to Increase Bond Amount:

From: One Hundred Ninety Five Thousand & 00/100 ($195,000.00)

To: Two Hundred Forty Thousand & 00/100 ($240,000.00)

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective: July 30, 2020

Signed and Sealed: July 30, 2020

Principal: Waste Connections of New York, Inc.

By: _____
Scott I. Schreiber, Vice President Principal

Surety: Argonaut Insurance Company

By: _____
James I. Moore, Attorney-In-Fact

Argonaut Insurance Company
Deliveries Only: 225 W. Washington, 24th Floor
Chicago, IL 60606
United States Postal Service: P.O. Box 469011, San Antonio, TX 78246
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the Argonaut Insurance Company, a Corporation duly organized and existing under the laws of the State of Illinois and having its principal office in the County of Cook, Illinois does hereby nominate, constitute and appoint:

Stephen T. Kazmer, James I. Moore, Dawn L. Morgan, Diane M. Rubright, Jennifer J. McComb, Amy Wickett, Martin Moss, Kelly A. Gardner, Melissa Schmidt

Their true and lawful agent(s) and attorney(s)-in-fact, each in their separate capacity if more than one is named above, to make, execute, seal and deliver for and on its behalf as surety, and as its act and deed any and all bonds, contracts, agreements of indemnity and other undertakings in suretyship provided, however, that the penal sum of any one such instrument executed hereunder shall not exceed the sum of:

$85,000,000.00

This Power of Attorney is granted and is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of Argonaut Insurance Company:

"RESOLVED, That the President, Senior Vice President, Vice President, Assistant Vice President, Secretary, Treasurer and each of them hereby is authorized to execute powers of attorney, and such authority can be executed by use of facsimile signature, which may be attested or acknowledged by any officer or attorney, of the Company, qualifying the attorney or attorneys named in the given power of attorney, to execute in behalf of, and acknowledge as the act and deed of the Argonaut Insurance Company, all bond undertakings and contracts of suretyship, and to affix the corporate seal thereto."

IN WITNESS WHEREOF, Argonaut Insurance Company has caused its official seal to be hereunto affixed and these presents to be signed by its duly authorized officer on the 8th day of May, 2017.

Argonaut Insurance Company

ARGONAUT INSURANCE COMPANY CORPORATE SEAL 1948 ILLINOIS

by: _____

Joshua C. Betz, Senior Vice President

STATE OF TEXAS
COUNTY OF HARRIS SS:

On this 8th day of May, 2017 A.D., before me, a Notary Public of the State of Texas, in and for the County of Harris, duly commissioned and qualified, came THE ABOVE OFFICER OF THE COMPANY, to me personally known to be the individual and officer described in, and who executed the preceding instrument, and he acknowledged the execution of same, and being by me duly sworn, deposed and said that he is the officer of the said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority and direction of the said corporation, and that Resolution adopted by the Board of Directors of said Company, referred to in the preceding instrument is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand, and affixed my Official Seal at the County of Harris, the day and year first above written.

KATHLEEN M. VEECE
Notary Public, State of Texas
Comm. Expires 07-18-2021
Notary ID 567902 8

Kathleen M. Veece
(Notary Public)

I, the undersigned Officer of the Argonaut Insurance Company, Illinois Corporation, do hereby certify that the original POWER OF ATTORNEY of which the foregoing is a full, true and correct copy is still in full force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand, and affixed the Seal of said Company, on the 30th day of July, 2020

ARGONAUT INSURANCE COMPANY CORPORATE SEAL 1948 ILLINOIS

James Bluzard, Vice President-Surety

IF YOU HAVE QUESTIONS ON AUTHENTICITY OF THIS DOCUMENT CALL (833) 820 - 9137.

ARGO POWER OF ATTORNEY

State of Illinois}
} ss.
County of DuPage }

On July 30, 2020, before me, Tariese M. Pisciotto, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared James I. Moore known to me to be Attorney-in-Fact of Argonaut Insurance Company the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires June 26, 2022

OFFICIAL SEAL
TARIESE M PISCIOTTO
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:06/26/22

Tariese M. Pisciotto, Notary Public

Commission No. 560807

APPENDIX I

TRANSPORTATION PLAN

Waste Connections of New York, Inc.
50th Street PSWTS
Transportation Plan

Vehicles transporting materials to and from the 50th Street PSWTS (Facility) include Tipping Vehicles (*transporting solid waste or other material into the Facility*) and Transfer Trailers (*transporting solid waste of other material out of the Facility*).

Both Tipping Vehicles and Transfer Trailers access the Facility scales, tipping floor and loadout tunnels from 50th Street. Tipping vehicles access one (1) of two (2) scales prior to backing onto the tipping floor of the Facility via two (2) overhead door locations of the Facility. Transfer Trailers access one (1) of two (2) loading bays. Vehicles utilized for maintenance and/or recyclables transport gain access to the maintenance repair and recyclables storage areas utilizing the remaining two (2) overhead doors from 50th Street.

Routes to the Facility from various points of origin are as follows:

Tipping Vehicles from the Gowanus Expressway (*travelling south*): Exit at 39th Street via Exit 23. At the end of the exit ramp, turn slight left onto 39th Street. Continue on 39th Street for approximately 0.2 miles, and then turn left onto 1st Avenue. Travel approximately 0.6 miles to 50th Street. Turn left onto 50th Street and weigh on one (1) of the two (2) truck scales.

Tipping Vehicles from the Gowanus Expressway (*travelling north*): Exit at 38th Street via Exit 23 and travel southeast for approximately 0.1 miles and then turn right onto 4th Avenue. Travel approximately 240 feet and then turn right onto 39th Street. Continue approximately 0.4 miles and then turn left onto 1st Avenue. Travel approximately 0.6 miles to 50th Street. Turn left onto 50th Street and weigh on one (1) of the two (2) truck scales.

Tipping Vehicles from 3rd Avenue (*travelling south via 43rd Street*): Turn right onto 43rd Street and continue approximately 0.3 miles and turn left onto 1st Avenue. Travel approximately 0.3 miles and then turn left onto 50th Street and weigh on one (1) of the two (2) truck scales.

Tipping Vehicles from 3rd Avenue (*travelling south via 39th Street*): Turn right onto 39th Street and continue approximately 0.3 miles and turn left onto 1st Avenue. Travel approximately 0.5 miles and then turn left onto 50th Street and weigh on one (1) of the two (2) truck scales.

Transfer Trailers from the Gowanus Expressway (*travelling south*): Exit at 39th Street via Exit 23. At the end of the exit ramp, turn slight left onto 39th Street. Continue on 39th Street for approximately 0.2 miles, and then turn left onto 1st Avenue. Travel approximately 0.6 miles to 50th Street. Turn left onto 50th Street and then back down one (1) of two (2) loading bays.

Transfer Trailers from the Gowanus Expressway (*travelling north*): Exit at 38th Street via Exit 23 and travel southeast for approximately 0.1 miles and then turn right onto 4th Avenue. Travel approximately 240 feet and then turn right onto 39th Street. Continue approximately 0.4 miles and then turn left onto 1st Avenue. Travel approximately 0.6 miles to 50th Street. Turn left onto 50th Street then back down one (1) of two (2) loading bays.

Transfer Trailers and Tipping Vehicles queue the along northwest side of 1st Avenue between 43rd Street and 53rd Street and along the southeast side of 1st Avenue between 51st Street and 54th Street. Additionally queuing is also available along 50th Street directly across from the Facility.

Waste Connections of New York, Inc.
50th Street PSWTS
Transportation Plan

Routes from the Facility to various destinations are as follows:

Tipping Vehicles to the Gowanus Expressway (*travelling north and south*): Tipping Vehicles leaving the Facility without an established tare weight will exit the Facility along 50th Street and re-enter the Facility at one (1) of the two (2) overhead door locations where truck scales are located. Once a tare weighed is established, the Tipping Vehicle will exit the Facility and continue southeast along 50th Street for approximately 0.3 miles to 3rd Avenue.

Tipping Vehicles travelling to the south will turn right onto 3rd Avenue and travel approximately 0.5 miles to enter the Gowanus Expressway.

Tipping Vehicles traveling to the north will turn left onto 3rd Avenue and travel approximately 1.7 miles to enter the Gowanus Expressway and/or Prospect Expressway.

An alternate route for northbound Tipping Vehicles exiting the Facility includes turning right onto 1st Avenue and travelling approximately 0.4 miles to 39th Street. Turn right onto 39th Street and travel approximately 0.3 miles to 3rd Avenue. Turn left onto 3rd Avenue and continue for approximately 1.1 miles to enter the Gowanus Expressway and/or Prospect Expressway.

An alternate route for southbound Tipping Vehicles exiting the Facility includes turning left onto 1st Avenue and travelling approximately 0.4 miles to 58th Street. Turn left onto 58th Street and travel approximately 0.3 miles to 3rd Avenue. Turn right onto 3rd Avenue and continue for approximately 0.2 miles to enter the Gowanus Expressway.

Transfer Trailers to the Gowanus Expressway (*travelling north and south*): Transfer Trailers exit the Facility and continue southeast along 50th Street for approximately 0.3 miles to 3rd Avenue.

Transfer Trailers travelling to the south will turn right onto 3rd Avenue and travel approximately 0.5 miles to enter the Gowanus Expressway.

Transfer Trailers traveling to the north will turn left onto 3rd Avenue and travel approximately 1.7 miles to enter the Gowanus Expressway and/or Prospect Expressway.

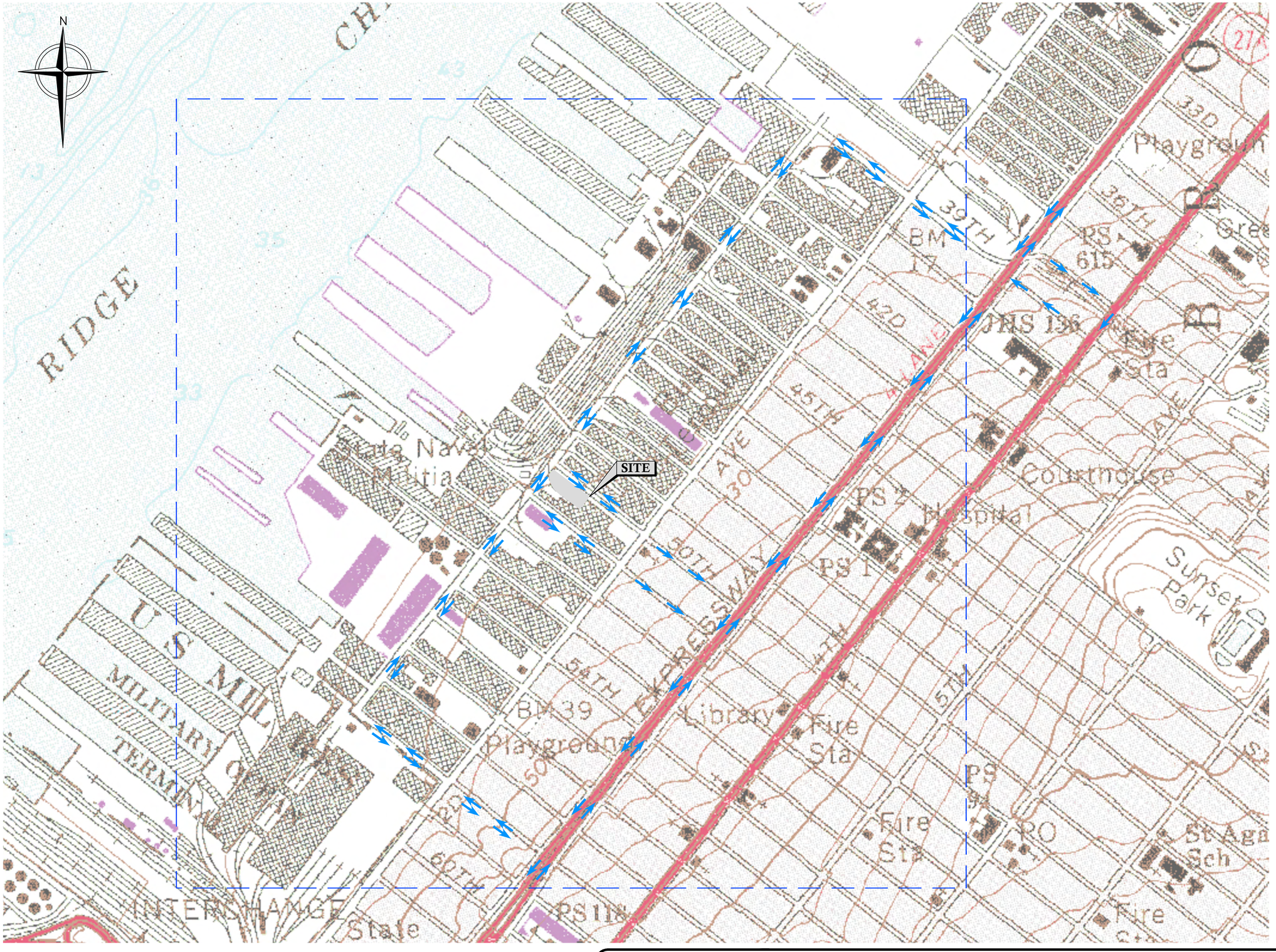
An alternate route for northbound Transfer Trailers exiting the Facility includes turning right onto 1st Avenue and travelling approximately 0.4 miles to 39th Street. Turn right onto 39th Street and travel approximately 0.3 miles to 3rd Avenue. Turn left onto 3rd Avenue and continue for approximately 1.1 miles to enter the Gowanus Expressway and/or Prospect Expressway.

An alternate route for southbound Transfer Trailers exiting the Facility includes turning left onto 1st Avenue and travelling approximately 0.4 miles to 58th Street. Turn left onto 58th Street and travel approximately 0.3 miles to 3rd Avenue. Turn right onto 3rd Avenue and continue for approximately 0.2 miles to enter the Gowanus Expressway.

A drawing, titled “Transportation Plan Transport Vehicle Route Map”, is attached to clearly mark and further clarify the above defined Tipping Vehicle and Transfer Trailer route to and from the Facility.

To the extent possible, Waste Connections of New York, Inc. implements active management of Facility traffic to reduce the potential need for Tipping Vehicle and Transfer Trailer queuing and promote efficient operations. Elements of this management include:

- Scheduling the arrival and departure of Tipping Vehicles and Transfer Trailers to minimize vehicular trips per hour by taking advantage of the permitted, twenty-four (24) hour operating schedule;
- Utilizing off-peak hours to schedule the delivery of maintenance/operations equipment and materials and the export of recovered recyclable materials;
- As necessary, assign a traffic manager to control traffic on 1st Avenue and 50th Street to ensure queuing only occurs in the areas described above.



NOTES:

1. BACKGROUND SOURCE MAPPING COMPILED FROM USGS 7.5 MINUTE QUADRANGLE FOR JERSEY CITY (1981), NEW JERSEY.

300 150 0 300 600 900
SCALE: 1"=300'

Unauthorized alteration or addition to this plan bearing a licensed professional's seal is a violation of Section 7209, Sub-Division 2, of the New York Education Law. Only copies from the original of this plan marked with an original professional's seal shall be considered to be valid true copies.

This drawing represents intellectual property of Cornerstone Engineering, Geology and Land Surveying, PLLC. Any use of this drawing which is not authorized by Cornerstone Engineering, Geology and Land Surveying, PLLC (preserved) violates its original purpose and as such is rendered void. Cornerstone Engineering, Geology and Land Surveying, PLLC will not be held liable for any changes made to this document without express written consent of the originator.

KRISTEN M. THORGAHIEP.E.
N.Y.P.E. Lic. No. 067294 Date

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE 06/07/19
DRAWN BY AGB
DESIGNED BY N/A
CHECKED BY ACS
APPROVED BY KMT

cornerstone PLLC
PREPARED BY:
CORNERSTONE ENGINEERING, GEOLOGY AND LAND SURVEYING, PLLC
ALL PROFESSIONAL ENGINEERING WORK IS PERFORMED BY DULY LICENSED PROFESSIONAL ENGINEERS UNDER THE APPROPRIATE STATE REGISTERED PROFESSIONAL ENTITY.

WASTE CONNECTIONS OF NEW YORK, INC.
110-120 50TH STREET PSWTS
BROOKLYN, NEW YORK 11231

TRANSPORTATION PLAN
TRANSPORT VEHICLE ROUTE MAP

SHEET NO. **T-1**
PROJECT NO. 190425

1" 1/2" 0" 1"

File: X:\PROJECTS\WASTE CONNECTIONS\190425 - 2019 DSNY PERMIT RENEWALS_Project Drawings\190425-S-03-TRAFFIC PLAN SOTH.DWG Layout: SHEET T-1 User: andreas.buehlmann Jun 10, 2019 - 11:07am