



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

April 11, 2023

Ms. Erika Allen
Green Era 83rd Street, LLC.
218 North Jefferson Street, Suite 300
Chicago, Illinois 60661-1307

Subject: ***City of Chicago Liquid Waste Handling Facility Permit (ENWAS1666774)
Green Era Renewable Energy and Urban Farming Campus***

Dear Ms. Allen,

A permit is hereby granted by the City of Chicago Department of Public Health (“CDPH”) to Green Era 83rd Street, LLC. (“the Permittee”) to operate a liquid waste handling facility at 650 W. 83rd Street (“the Facility”).

Please carefully review all conditions set forth in this permit. Incorporated into this permit by reference are the following: 1) the original permit application dated February 11, 2022 (“Permit Application”); 2) the Response to Request for Additional Information dated March 3, 2023 (“Supplemental Application”), and 3) all other information submitted as part of this application including drawings, sheets, and specifications. In the event of a conflict between the above-referenced documents and this permit, the more stringent condition shall prevail.

The Permittee shall fully comply with Chapter 11-4 of the Municipal Code of Chicago (“Ordinance”) and the Rules for Landfills, Liquid Waste Handling Facilities, and Transfer Stations (“the Regulations”). The Permittee shall also fully comply with the Standard Conditions set forth in Attachment A and the Special Conditions set forth in Attachment B of this permit. This permit does not relieve you or anyone from compliance with all applicable laws.

This permit allows for the operation of the Facility from April 11, 2023, through April 10, 2024, upon which time the permit shall terminate on its own terms. On or before April 10, 2024, the Permittee may apply to the CDPH for a new operating permit for the following year. If a subsequent operating permit is applied for on or before April 10, 2024, this permit shall remain in effect until the CDPH acts on the pending permit application. If you have any questions concerning this permit, please contact Abraham PerezKiamber by email at Abraham.perezkiamber@cityofchicago.org.

Sincerely,

Renante Marante
Environmental Engineer III

**ATTACHMENT A
STANDARD CONDITIONS**

1. The Permittee shall comply with all applicable local, state, and federal regulations and standards regarding the construction, operation, maintenance, and closure of the subject Facility, including but not limited to those regulations and standards concerning noise, vibrations, and particulate emissions.
2. Construction, operation, maintenance, and closure of the Facility shall be in accordance with the plans, drawings, and specifications referenced by this permit and included in these Standard Conditions and the Special Conditions.
3. Any changes, modifications, and additions to the Facility's permit or the approved plans and documentation shall be submitted to the CDPH for review and approval. Such a request shall be made in writing to the CDPH.
4. Issuance of this permit shall not transfer, assign, or otherwise affect any liability to the City of Chicago, the CDPH, their employees, or agents as a result of the construction, operation, maintenance, and closure of this Facility.
5. Issuance of this permit does not relieve the Permittee of any liability with regards to the subject Facility.
6. The CDPH or its authorized representatives may inspect the Facility and the Facility records at any reasonable time to ensure compliance with this permit and all applicable rules, regulations, and standards, as well as all conditions necessary to protect the public health and safety.
7. The CDPH may revoke this permit on the basis of any of the grounds set forth in the Ordinance and the Regulations.
8. The Permittee shall notify the CDPH of any notices of violations or administrative, civil, or criminal citations received by the Facility or any of its operators relating to any alleged violation of any federal, state, or local laws, regulations, standards, or ordinances in the operation of any junk facility, recycling facility, or any other type of waste or recyclable materials handling facility or site. Such notifications shall be provided by email to envwastepermits@cityofchicago.org.
9. The Permittee shall provide the CDPH, if so requested, with copies of all correspondence to or from the IEPA and USEPA pertaining to the Facility, including, but not limited to notices of violation, letters, permit applications, reports, groundwater monitoring reports, and annual reports.
10. The Permittee shall comply with all requirements and conditions set forth in this permit. Should any portion of this permit be declared illegal or non-binding, the conditions of the remainder of the permit shall remain in effect.

ATTACHMENT B
SPECIAL CONDITIONS
(Continued)

The following Special Conditions are attached to the operating permit for the Green Era 83rd Street, LLC. Liquid Waste Handling Facility located at 650 W. 83rd Street:

Pre-Operation:

1. The Permittee shall develop the property in accordance with the plans and specifications contained in the Application and Supplemental Application. Any major changes to these plans and specifications that may impact the proposed site operations or otherwise jeopardize compliance with this permit and/or the Ordinance must be described in a written submittal to the CDPH and must be pre-approved, in writing by the CDPH.
2. The Permittee shall fully comply with the Chicago Construction Site Cleanliness Ordinance (Chapter 13-32-125) and the erosion control requirements in the Storm Water Management Plan approved by the Department of Buildings.
3. The Permittee is not authorized to begin accepting any waste until a post-construction inspection has been conducted by the CDPH and a written operating authorization has been issued by the CDPH. Upon the date of its issuance, the written operating authorization shall be incorporated into this permit by reference. The written operating authorization will be issued upon the Permittee's completion of Special Condition No. 1 above and CDPH's approval of the following items below.
 - a. The financial assurance in the amount of \$389,000, as required pursuant to Section 11-4-370 of the Ordinance. The form of the financial assurance must meet the requirements under the Waste Handling Facilities' Proof of Responsibility and Security Requirements regulation;
 - b. The removal of all excavation spoil stockpiles at the site;
 - c. The implementation of the barrier or spill containment/diversion structures required under Special Condition No. 23; and
 - d. A community relations plan to keep the community informed and abreast regarding odor (real or perceived) and other issues at the Facility that impact the local community. The communication plan should engage all relevant stakeholders within one mile around the Facility, such as local schools, churches, businesses, and residences, using multi modes of communication, such as:
 - i. Public meetings,
 - ii. Newsletters,
 - iii. Flyers,
 - iv. Website,
 - v. Social media,
 - vi. Email lists, and
 - vii. One-on-one meetings with community leaders.

The communication plan shall include a timely and responsive process for addressing community concerns. The process shall be designed to address the specific concerns of the community, and it should be easy for the community to use.

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SPECIAL CONDITIONS
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The process should include a way for the community to submit concerns, a way for the facility to track and respond to concerns, and a way for the community to get updates on the status of their concerns.

4. The CDPH reserves the right to revoke this permit if the above pre-operation requirements are unmet.

Material Handling:

5. The facility is authorized to accept non-hazardous liquid waste consisting of pumpable commercial food scraps like whey, liquid ice cream, end-of-batch soups, sauces, and syrups. In addition, the facility may accept fats, oils, and grease (FOGs) collected from grease traps at restaurants and food processors. Such waste must be unloaded into tanks T-050A and T-050B, located in the lower level of the Processing Building, upon receipt. All such waste must be received at the facility in completely sealed, non-leaking, vessels. The facility is not authorized to accept other types of waste not specifically authorized above without first obtaining written approval from the CDPH.
6. The permittee must screen all inbound liquid waste and compostable materials in accordance with the Facility's Waste Control Plan (Doc. No. MP-10). The Facility is not authorized to handle materials that include, but are not limited to, hazardous waste, potentially infectious medical waste, lead-acid batteries, regulated asbestos-containing materials, and non-hazardous special waste. If such unauthorized waste is received at the Facility, the Permittee shall follow the procedures in Special Condition No. 7 in the handling of unauthorized wastes.
7. The Permittee shall handle all unauthorized waste as follows:
 - a. The Permittee shall remove lead-acid batteries and transport these batteries either to a drop-off center handling such waste or to a lead- acid battery retailer in accordance with 415 ILCS 5, Title V, Section 22.23.
 - b. The Permittee shall remove and manage tires in accordance with the 415 ILCS 5, Title XIV, Section 55.
 - c. The Permittee shall remove and manage white goods and white goods components in accordance with the 415 ILCS 5, Title V, Section 22.28.
 - d. The Permittee shall separately containerize special waste, including hazardous waste, non-hazardous waste, PCB waste, and potentially infectious medical waste.
 - e. The Permittee shall remove and manage asbestos-containing materials in accordance with the National Emission Standards for Hazardous Air Pollutants regulations.

Within 72 hours of receipt, unauthorized waste shall be removed by a properly licensed

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waste hauler to a disposal facility that has obtained all necessary local, state, and federal authorization to accept such waste. The Permittee may request CDPH for additional time to remove unauthorized wastes offsite. Such a request shall provide sufficient justification for the extended timeline and be submitted via email to envwastepermits@cityofchicago.org. The subject line of the email shall include the words "URGENT APPROVAL REQUESTED – ENVWAS1666774."

After the unauthorized waste has been removed from the Facility, the Permittee shall thoroughly clean the affected area in a manner consistent with the type of unauthorized waste managed. The Permittee shall maintain records of the acceptance of such material for three years and shall make such records available for review by the CDPH.

8. The Facility is permitted to receive up to 100 tons/day of pumpable food waste and FOGs. However, the Permittee must regulate the amount of liquid waste and solid compostable materials accepted into the Facility, such that the volume of material stored in the Digester Tank T-105 ("Digester Tank") never exceeds **602,057 gallons**. If the Permittee desires additional permitted capacity, they must submit a revised application to the CDPH for approval. A revised application must demonstrate that the Facility is adequately handling the currently permitted volumes, is sufficiently sized and staffed to process the desired quantity of material and has adequate secondary storage capacity consistent with the Ordinance and Regulations.
9. The Permittee shall ensure that all waste that is transported from each generator to the Facility is shipped under a properly completed manifest such as the Permittee's FORM-21-001. The Permittee shall also ensure that special wastes generated at the Facility for disposal, storage or further treatment elsewhere shall be transported to the receiving facility utilizing the Illinois EPA's Special Waste Authorization system and manifest system.
10. All trucks shall enter and exit the Facility from South Wallace Street. At no time shall trucks entering or exiting the Facility be allowed to queue or park on adjacent public streets. Trucks transporting liquid waste or liquid products to the Facility shall enter the Digester Building B-100 ("Processing Building") through the north overhead door, closest to the Digester Tank.
11. The Facility may operate an anaerobic digester along with associated de-watering, sorting, and other processing equipment to produce finished compost material. The Facility may also harvest biogas generated from anaerobic digestion for onsite and offsite use. The Permittee shall utilize one of the biogas handling and processing system scenarios below in accordance with the Facility's State air construction permit, ID NO. 031600TQW, or the subsequent operating permit issued by IEPA Bureau of Air.
 - a. Biogas Upgrade (typical) operating scenario controlled by one (1) Thermal Oxidizer handling 155 standard cubic feet per minute (scfm) (360 scfm maximum) tail gas and one (1) Flare handling 226-scfm (800 scfm maximum) biomethane; or

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SPECIAL CONDITIONS
(Continued)**

- b. Biogas No-Upgrade (contingent) operating scenario controlled by one (1) Flare handling 500-scfm (800 scfm maximum) biogas.
12. Finished compost shall meet or otherwise comply with all applicable testing procedures and standards for end-product compost as set forth in rules issued by the Illinois Pollution Control Board pursuant to authority granted to such Board under subsections (b) and (e) of Section 22.34 of the Illinois Environmental Protection Act.
13. End-product compost shall be loaded directly onto semi-trailers, tarped, and transported offsite as soon as possible. The permittee may stage up to two such transfer trailers at the Facility at any one time, provided that the transfer trailers are tarped and parked completely inside the Processing Building.
14. End-product compost can be used on-site in urban farming operations or off-site as a compost source material for other regional composters. Each load of compost that leaves the Facility must be manifested and recorded in the Facility's records. End-product compost that does not meet the testing requirements in Special Condition No. 12 may be used only as a daily cover or vegetative amendment in the final cover at a landfill having authorization from the Illinois EPA to use such compost material.
15. If end-product compost is a liquid and does not pass the paint filter test (Method 9095B as described in 'Test Methods for Evaluating Solid Wastes, Physical/Chemical Wastes'), it is considered a sludge and can only be land applied in accordance with the applicable requirements specified in 35 Ill. Adm. Code Part 391. End-product compost must be subjected to the paint filter test at a frequency of no less than once every 5,000 cubic yards.

Operating Hours:

16. The Facility may operate 24 hours per day and seven days per week. However, all deliveries and receipts shall be limited to the hours between 7:00 a.m. to 5:00 p.m., Monday through Saturday. CDPH reserves the right to amend the Facility's operating hours and days of operation if the facility operation causes a nuisance to neighborhood uses.

Material Storage:

17. The Permittee shall not store or handle any materials outside the Processing Building, the Biomass/Equalization Tank T-100 ("Biomass Tank"), or the Digester Tank. This storage/handling prohibition also extends to the other buildings and structures at the property, including the Compost Building B-200 ("Pole Barn").
18. The Permittee is authorized to operate the tanks in Table 1 below.

Table 1- Authorized Tanks

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| Tank Identification | Storage Type | Volume (gal) | Description | Location |
|---------------------|---|--------------|---------------------------|---|
| T-050A | Pumpable food scrap and wash down water | 30,000 | Receiving tank | North end of Processing Building. lower level |
| T-050B | | 30,000 | Receiving tank | |
| T-065A | Homogenized Slurry | 5,500 | Grit Separation Tank | Center of Processing Building, lower level. |
| T-100 | Feedstock | 320,000 | Biomass Equalization Tank | North of the Processing Building |
| T-105 | Conditioned Feedstock | 1,680,000 | Digester Tank | North of the Processing Building |
| T-205 | Digestate | 30,000 | Screened Digestate Tank | North end of the Processing Building, lower level |
| T-250A | Filtrate | 30,000 | Filtrate Tank | South end of the Processing Building lower level |
| T-250B | Filtrate | 30,000 | Filtrate Tank | |
| T-210A | Polymer (future use) | 14,000 | Concentrated Polymer Tank | South end of the Processing Building, main floor |
| T-210B | Polymer | 2,000 | Diluted Polymer Tank | |
| T-211 | Filtrate + Polymer | 200 | Flocculation Tank | |
| T-251A | Installed, not currently in use | 30,000 | Future Polymer Tank | South end of the Processing Building, lower level |
| T-210C | | 14,000 | Future Filtrate Tank | |

19. The Permittee shall provide secondary containment for all tanks, drums or other vessels containing liquid materials including, but not limited to, solvents and petroleum products. Such secondary containment shall comply with all applicable federal, state, and local laws. In accordance with the Secondary Containment Calculations, Attachment 12 of the Supplemental Application, the Permittee may utilize the property, including the detention pond, Process Building basement, and underground sewer piping for secondary storage. The Permittee shall not allow any spill to flow onto surrounding streets and properties.
20. Other than the detention pond, the Permittee must remove any precipitation that has accumulated in the secondary containment system within 24 hours of a rain event. The Permittee must then dispose of the contaminated stormwater in accordance with the Metropolitan Water Reclamation District of Greater Chicago ("MWRD") requirements. The Permittee must also analyze the water collected from secondary containment floors and sumps and treat it if necessary to ensure that no constituents violate the appropriate sewer discharge requirements of the MWRDGC.

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21. The Permittee must conduct daily inspections for leaks, spills, and excess corrosion in all tanks, pits, piping systems, and any other ancillary equipment at the Facility. These inspections must include an evaluation for cracks, spills, standing liquid, and any evidence of stains or residuals at all secondary containment systems (dikes, base, sump areas). The Permittee must keep records of all routine inspections, noting any problems that were identified and the corrective action that was taken.
22. The Permittee shall store all waste and materials in such a way as to ensure adequate site safety. Flammable materials should be stored away from sources of heat, sparks, and open flames, and in accordance with applicable fire codes.

Site Modifications:

23. The Permittee must install barriers or other structural measures to prevent liquid waste and digestate from migrating offsite in the event the entire content of the Digester Tank (currently limited in this permit to 602,057 gallons) is instantaneously released.

Housekeeping, Dust Control, Odor, Noise, Maintenance:

24. The Permittee shall develop and implement an idling reduction plan that minimizes the unnecessary idling of vehicles and equipment, including all vehicles waiting to come onto the Facility, regardless of ownership. The plan shall include an outreach and enforcement component to educate customers with diesel-powered trucks on the Facility's anti-idling requirements and enforcement actions that will be taken for non-adherence.
25. The best available technology (mufflers, berms and other sound shielding devices) shall be employed to minimize equipment noise impacts on property adjacent to the site during both development and operation.
26. The Permittee shall always make a water source available for purposes of Facility cleaning, dust control, and fire safety.
27. The Permittee shall clean all Facility areas, including, but not limited to, the area on which waste and compostable materials are handled, processed, or stored, each operating day. Spot cleaning of the Facility shall be performed on an as-needed basis. The CDPH reserves the right to require additional cleaning as deemed necessary.
28. The permittee must perform a thorough washdown of all Process Building floors, organic processing and handling equipment, and any other surfaces that come into contact with waste or digestate at least once per week. The Permittee shall maintain a written schedule on-site of all regularly scheduled cleaning operations and shall make such schedule available for review by the CDPH.
29. The Permittee shall maintain the streets, sidewalks, and sewers at and adjacent to the

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Facility, free and clear at all times of all material and debris. This includes using a mechanical street sweeper equipped with a water spray and vacuum system to clean these areas at least once daily and as often as necessary.

30. The Facility shall be operated to ensure proper drainage to minimize flooding and prevent standing water. Site surface drainage, during development, during operation, and after the site is closed, shall be such that no adverse effects are encountered by adjacent property owners.
31. The Permittee shall retain the services of a vector control specialist to inspect the Facility each week and to employ vector control measures as often as necessary. Vector control measures shall include, but not be limited to, bait stations, traps, and any other measures deemed necessary by the vector control specialist to control rodents, mosquitos, and other vectors. The Permittee shall maintain onsite a written record of all inspections and installations including date, time and a detailed description of each activity used to control vectors. The Permittee shall make available such records for review by the CDPH.
32. The Processing Building must be maintained at a slight negative air pressure and all ventilated air must be treated through an ionization reactor and an activated carbon guard bed. Overhead doors must remain closed unless vehicles enter or exit the building.
33. The Permittee shall conduct odor monitoring and response following the Odor Monitoring Plan Doc. No. MP-09. In addition, the Permittee shall measure ammonia (NH₃), hydrogen sulfide (H₂S), volatile organic compounds (VOCs), levels at each location where noticeable odors are detected, using handheld instruments. These measurements shall be recorded electronically on the Odor Observation Form (FORM-21-003).
34. The Permittee shall document odor complaints using FORM-21-004 (Odor Complaint Form). In addition, the Permittee shall notify the CDPH within 24 hours from the time the complaint was received. The notification shall include the completed forms above as attachments. Further, within seven days of the complaint, the Permittee shall report back to the CDPH on the date, time, and nature of any action taken in response to the odor complaint. The above notifications and reporting shall be made by email to envwastepermits@cityofchicago.org.

Monitoring and Reporting

35. The Permittee shall install and operate sensors that continuously monitor and record levels of NH₃, H₂S, VOCs, and percent of the lower explosive limit (LEL). Such monitors and their exact installation locations shall be pre-approved by CDPH. At a minimum, such monitoring devices shall be deployed at the following locations of the Facility:
 - a. Solids tipping area,
 - b. Pumpable liquid unloading area;
 - c. Dewatering area;
 - d. The intake and exhaust points of the odor control system; and
 - e. Inside the Digester Tank Enclosure B-102.

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The Permittee shall calibrate, maintain, and operate these instruments following manufacturer requirements or recommendations. In addition, the Permittee shall keep a log of all sensor malfunctions, calibrations, repairs, cleanings, and replacements.

36. The Permittee shall install sensors or other devices capable of detecting and electronically recording the date and time when any overhead door is opened and closed at the Facility.
37. The Permittee shall operate digital manometers or similar devices to continuously measure and record differentials between the inside and outside barometric pressure levels.
38. The Permittee shall continuously monitor and record the flow rate, exit velocity, and temperature out of the odor control stack.
39. The Permittee shall record all periods when the Digester Tank and the Biomass Tank are vented.
40. The Permittee must equip the Flare with instrumentation that will monitor the presence of a flame and measure the flow to or bypass of the Flare. The instrumentation must be maintained and operated in accordance with the manufacturer's specifications.
41. The Permittee shall maintain and operate instrumentation to measure the flow rate of biogas and tail gas to the gas handling and processing system, and the throughput for the Thermal Oxidizer and the Flare, in standard cubic feet (scf).
42. The Thermal Oxidizer associated with the Biogas Handling and Processing System (biogas upgrade operating scenario) shall be equipped with a temperature monitoring device and an audible alarm. The device and alarm shall be installed, calibrated, operated, and maintained in accordance with vendor/manufacturer specifications and 35 IAC. 218.105(d)(2). The audible temperature alarm shall be set to alert designated personnel at the company when the Thermal Oxidizer temperature is below 1,400 F or as otherwise specified under a permit issued by IEPA Bureau of Air.
43. The Permittee must provide the CDPH with the following datasets and other information upon request, depicting a specific span of time specified by CDPH.
 - a. The air quality/gas sensor data collected from special condition No. 35;
 - b. The overhead door monitoring data from special condition No. 36;
 - c. The building pressure differential data from special condition No. 37;
 - d. The odor control stack data from special condition No. 38;
 - e. The Flare flow rate and flame burner status from Special Conditions No. 40;
 - f. The Thermal Oxidizer monitoring and alarm data from Special Conditions Nos. 41 and 42;
 - g. The tank venting data from special condition No. 39;
 - h. The completed Odor Observation Forms and Odor Complaint records (LOG-21-005).

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The above information shall be transmitted in portable document format (.pdf) for forms, and in Microsoft Excel (.xlsx) or comma-separated value (CSV) format for all other data. Such information shall be provided within 24 hours of CDPH's request for the data.

If the facility experiences frequent odor complaints (three verified odor complaints over a three-month period), CDPH may require the permittee to submit some or all of the above data to CDPH in real-time. The permittee shall implement telemetry, software, and other technologies to allow continuous data transmission to CDPH. CDPH anticipates receiving the data via a secure file transfer protocol (SFTP) or an application programming interface (API) endpoint, which will be available to the Permittee. The minimum frequency of the data transmission is as specified in the operating authorization letter pursuant to Special Condition No. 3.

44. The Permittee shall maintain the permanent groundwater monitoring well, MW-201, located northeast of the Main Process Building. The Permittee shall conduct quarterly sampling from this monitoring well for pH, total Kjeldahl Nitrogen (TKN), biological oxygen demand (BOD), and chemical oxygen demand (COD). The quarterly sampling results shall be submitted to CDPH within 60 days following the last day of each quarter. Such report shall contain a summary of the sampling results, including a discussion relative to the Pre-operating sampling results and MAPC values below.

| Parameter | Pre-operation sampling results | MAPC | Justification |
|-----------|--------------------------------|------------|-------------------|
| pH | 7.44 | 6.5-9 | 35 IAC 620.410(c) |
| TKN | 5.94-mg/L | 10.4-mg/L | 75% increase |
| BOD | <15-mg/L | 26.25-mg/L | 75% increase |
| COD | 49.8-mg/L | 87.15-mg/L | 75% increase |

45. The Permittee must submit the following quarterly information to CPDH within 30 days following the end of each quarter:
- a. The amount of food scrap, pumpable liquid waste, and FOGs received for composting by weight (tons) and volume (cubic yards or gallons);
 - b. Quantities of the following material and wastes removed from the facility;
 - i. End-use use compost (General Use Compost);
 - ii. Compost not suitable as End-use compost (Designated Use Compost);
 - iii. Sludge shipped offsite for land application;
 - iv. Non-compostable wastes;
 - v. Refined natural gas delivered to the public utility company;
 - vi. Biogas flared;
 - vii. Refined natural gas flared; and

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- viii. Tail gas flared.
- c. End-use compost used onsite in urban farming operations by weight (tons) and volume (cubic yards);
- d. The minimum, maximum, and average volume of digestate stored in the Digester Tank;
- e. A summary of all emergencies, unauthorized waste deliveries, spills, and non-conformance to the Facility's anti-idling policy;
- f. A summary of all neighborhood complaints received, and any activities undertaken, and events held in relation to the Facility's community relations plan from Special Condition No. 3.

The above information shall be submitted to envwastepermits@cityofchicago.org with the subject line "Quarterly Report – ENVWAS1666774" or other mode to specified by CDPH. The Permittee shall attach a sworn statement signed by the Permittee or their duly authorized agent that the submitted information is accurate and complete to the best of the signatory's knowledge. For the purpose of this special condition, the language below may be used to certify the report.

"I, [Name], hereby certify that the information contained in this report is complete, true, and accurate to the best of my knowledge. I understand that any false or misleading statements made in this report may subject me to prosecution under applicable laws."

Record Keeping

- 46. The Permittee shall maintain a written log documenting all cleaning and maintenance of the Facility and its equipment. The log shall include a description of the activity performed, the signature of the employee who performed it, and the date and time the employee started and completed the activity.
- 47. The Permittee shall maintain a written record of all vector inspections and installations including date, time and a detailed description of each inspection and any installations or applications to control vectors.
- 48. The Permittee shall maintain a log of all vehicles delivering materials to and from the Facility. This log shall indicate the date, vehicle type, hauling company name, and the material type and quantity being transported. The Permittee shall maintain copies of all load ticket receipts.
- 49. The Permittee shall maintain a written record of all emergencies occurring at the Facility. Such records shall include date(s), time(s), and a detailed description of each incident. The Permittee shall notify the CDPH each day that the Facility is affected by the emergency. The notification shall be provided by email to envwastepermits@cityofchicago.org. The subject line of the email shall be "EMERGENCY – ENVWAS1666774."
- 50. All records and documentation to be maintained under this permit shall be readily available

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onsite a minimum of three years from its generation, receipt, or entry date and shall be made available for review by the CDPH upon request.

51. The Permittee shall make available upon request all records, logs, and data it is required to keep and maintain in accordance with the permits issued by IEPA and MWRD.

Site Safety:

52. The Permittee must maintain an engineered barrier at the property in compliance with the Remedial Action Plans (RAPs) approved by the IEPA Bureau of Land. In addition, the Permittee must implement a construction worker safety plan to prevent inhalation and ingestion exposures during any site work extending below any engineered barrier.
53. The Permittee shall undertake all necessary steps to ensure that the Facility is secure from unauthorized entry, is sufficiently screened from the surrounding area, and is adequately lighted after dark.
54. The Permittee shall provide training to all Facility employees on all site safety rules and procedures, including but not limited to fire prevention, emergency procedures including spill responses, and hazardous material identification and handling procedures.
55. All employees working inside the Facility shall wear appropriate personal protective equipment in compliance with OSHA regulations. Such equipment shall include, but not be limited to, hard hats, safety glasses, and protective gloves.
56. The Permittee shall install and maintain fire suppressant equipment in accordance with the Municipal Code of the City of Chicago.
57. The Permittee shall correct any violations identified by the City of Chicago Fire Department inspections. Failure to comply with these actions may result in the revocation of this permit.
58. The procedures established in the Emergency Response Plan must be followed in responding to potential hazards that may be encountered during the operation of the facility.
59. The procedures established in the Spill Prevention Control and Countermeasures Plan DOC. No. MP-14, must be followed in responding to spills, including large spills of over 50,000 gallons.
60. The Permittee shall have sufficient staffing levels onsite to timely respond to spills and emergencies, including during off periods when the Facility is not open. In addition, the Permittee shall actively monitor tank and pressure levels. The monitoring system shall be capable of alerting onsite and offsite emergency response personnel to potential leaks and spills.

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61. The Permittee shall maintain a written record of all emergencies occurring at the Facility, including date, time, and a detailed description of each incident. These records shall be kept onsite for inspection by CDPH. The Permittee shall notify the CDPH each day that the Facility is affected by the emergency. The notification shall be provided in accordance with the notification requirements under Special Condition No.49.

Permits:

62. The Permittee shall acquire and maintain all necessary permits and approvals for the Facility including but not limited to those required from the CDPH, Department of Revenue, the City's Zoning Bureau, MWRD, and the Illinois Environmental Protection Agency. The Permittee shall provide copies of all such permits and approvals to the CDPH upon request.

Closure:

63. If the Permittee permanently closes and/or ceases operations at the site ("closure"), the Permittee must submit a written closure notification to the CDPH within 30 days of closure. If the permit is not renewed for any reason, or the Permittee ceases operations at the site, the Permittee must complete closure activities in accordance with the Supplemental Application. The Permittee must submit disposal and recycling receipts as proof of proper disposal.