



DEPARTMENT OF PUBLIC HEALTH
CITY OF CHICAGO

November 29, 2022

Mr. Scott A. Dawson, P.G., R.G.
Civil & Environmental Consultants, Inc.
1230 East Diehl Road, Suite 200
Naperville, Illinois 60563

Re: 2021-2023 City of Chicago Transfer Station Facility Permit
ENVWAS122896 - 4121 S Packers Avenue
Permit Renewal, Expansion, and Modification

Dear Mr. Dawson,

A permit is hereby granted by the City of Chicago Department of Public Health ("the CDPH") to Oscar (IL) LLC, as Owner and Lakeshore Recycling Systems LLC as Operator ("the Permittee") to construct and operate a Waste Transfer Station located within the corporate limits of the City of Chicago at 4121 S Packers Avenue (formerly 1300 W Exchange Avenue) ("the Facility").

Incorporated into this permit by reference are the following: 1) the long form application received April 29, 2022 ("the Application"); 2) the October 3, 2022, response letter to CDPH's September 16, 2022, deficiency letter; and 3) all other supplemental information submitted as part of this application including drawings, sheets, and specifications.

Based on CDPH's review of the referenced documents above, this permit also authorizes the following expansions and modifications:

1. A physical expansion of the Facility from 8.5 acres to 9.825 acres;
2. An increase in permit capacity to handle an additional 700 tons per day of single-stream recyclables (SSR); and
3. The construction of a redesigned MSW building and associated site improvements including a state-of-the-art recycling sorting system, a storm water detention system, concrete or asphalt paving throughout the facility, new and additional truck scales, fencing, and landscaping.

The Permittee shall fully comply with the Standard Conditions of this permit set forth in Attachment A and the Special Conditions of this permit set forth in Attachment B. The permit conditions shall take precedence over the application whenever there is any discrepancy between the referenced documents above and the permit.

ENVWAS122896
November 29, 2022
Page 2

This permit allows for the operation of the subject Facility from October 3, 2021, through October 2, 2023, upon which time the permit shall terminate by its own terms. On or before October 2, 2023, 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 October 2, 2023, this permit shall remain in effect until the CDPH acts on the subsequent permit application

If you have any questions regarding this permit, please call me at (312) 745-3136.

Sincerely,

A handwritten signature in black ink, appearing to read 'Renante Marante', with a long, sweeping flourish extending to the right.

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.
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/or additions to the 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 or 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 upon finding: 1) the information contained in the permit application is intentionally misrepresentative or incomplete; 2) a violation of this permit has occurred; or 3) a violation of any applicable local, State, or Federal regulation has occurred.
8. The Permittee shall provide the CDPH with copies of all correspondence to or from OSHA, 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. Said documents shall be provided by email to ENVWastePermits@cityofchicago.org.
9. Installation permits must be obtained from the CDPH's Underground Storage Tank Unit for any and all aboveground and underground storage tanks.
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

The following Special Conditions are attached to the construction and operating permit for the Oscar (IL) LLC / Lakeshore Recycling Systems LLC Waste Transfer Facility located at 4121 S Packers Avenue:

CONSTRUCTION:

1. The Permittee shall construct the MSW Building in accordance with the specifications detailed in the Application. Any major changes to these specifications that may impact the proposed site operations or otherwise jeopardize compliance with this permit and/or [Chapter 11-4](#) of the Municipal Code of Chicago 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 approved Stormwater Management Plan approved by the Department of Building's Stormwater Review Section.
3. The Permittee is not authorized to accept any waste, construction or demolition ("C&D") debris, or residential single-stream recyclable materials 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.
4. The CDPH reserves the right to revoke the written operating authorization if the above construction requirements of this permit are not met.

HOURS OF OPERATION:

5. The Facility may operate 24 hours per day, seven days per week; however, the Facility shall close for at least one hour per day in which to perform daily cleaning as required by Special Condition No. 25. The CDPH reserves the right to amend the Permittee's operating hours and days should Facility operations cause a nuisance to the neighboring properties.

MATERIAL HANDLING AND STORAGE:

6. The Facility is permitted to handle the following waste and their amounts:
 - a. No more than 500 tons per day of C&D;
 - b. No more than 1,200 tons per day of MSW; and
 - c. No more than 700 tons per day of SSR.

**ATTACHMENT B
SPECIAL CONDITIONS
(CONTINUED)**

If additional permitted capacity is desired, the Permittee must submit a revised application to the CDPH for approval. A revised application must demonstrate that the Facility can adequately handle the desired volume of waste and is sufficiently sized and staffed to process the desired volume of waste.

7. The Facility is not authorized to handle materials which 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 immediately isolate and containerize the waste and arrange for its immediate removal by a properly licensed waste hauler to a disposal facility which has obtained all necessary local, State, and Federal authorization to accept such waste. Further, the Permittee shall follow the procedures in Special Condition No. 9, and shall notify the CDPH of the situation immediately. Such notification shall be provided by email to ENVWastePermits@cityofchicago.org.
8. The Permittee shall inspect all vehicles entering the Facility for all unauthorized wastes described in Special Condition No. 7. Vehicles containing these unauthorized materials shall not be allowed to unload at this Facility.
9. The Permittee shall handle all unauthorized waste inadvertently received at the Facility as follows:
 - a. The Permittee shall remove lead-acid batteries the same day and transport these batteries either to a drop-off center handling such waste or to a lead-acid battery retailer in accordance with the [Illinois Environmental Protection Act, Title V](#), Section 22.23.
 - b. The Permittee shall separately containerize special waste, including hazardous waste, non-hazardous special waste, PCB waste, and potentially infectious medical waste, and arrange for the immediate removal of such waste by a properly permitted waste hauler to a properly permitted facility which has obtained all necessary Federal, State and local authorization to accept such waste. The Facility shall develop and maintain an Emergency Action Plan for such occurrences as well as contracts with properly licensed and permitted haulers to ensure the immediate removal of the waste.
 - c. The Permittee shall remove and manage tires in accordance with the [Illinois Environmental Protection Act, Title XIV](#), Section 55.
 - d. The Permittee shall remove and manage white goods and white goods components in accordance with the [Illinois Environmental Protection Act, Title V](#), Section 22.28.
 - e. The Permittee shall remove and manage asbestos containing materials in accordance with the [National Emission Standards for Hazardous Air Pollutants](#) regulations.
 - f. The Permittee shall remove landscape waste found to be mixed with the incoming load and transport such waste to a facility that is operating in

**ATTACHMENT B
SPECIAL CONDITIONS
(CONTINUED)**

accordance with the [Illinois Environmental Protection Act, Title V](#), Section 21 and [Illinois Environmental Protection Act, Title X](#), Section 39.

After 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.

10. The Permittee must unload, load, sort, store, or otherwise handle all municipal solid waste, C&D debris, and recyclables completely inside the building, within the respective areas dedicated for such types of materials. The Permittee is not authorized to unload, load, store, sort, store or otherwise handle these materials outdoors or elsewhere at the Facility.
11. The Permittee shall not exceed the maximum storage volumes in Table 1 at any time.

Material	Building Area	Maximum Storage Volume
C&D	C&D Transfer Area	3,425 cubic yards
MSW	MSW Transfer Area	1,634 cubic yards
SSR	SSR Area	2,275 cubic yards
Baled Cardboard	Warehouse	2,580 bales

Table 1

12. If the Facility is required to receive volumes which significantly exceed the permitted capacity to respond to emergency situations, a written record of the date, time and reason shall be made part of the Facility's operating record. The Permittee shall notify the CDPH of all such occurrences by email to **Error! Reference source not found..**
13. Landscape waste found to be mixed with municipal solid waste and intended for management in Illinois shall be removed from the mixed waste stream. Landscape waste found to be mixed with municipal solid waste and intended for management outside of Illinois shall be separated from the mixed waste stream to the extent

**ATTACHMENT B
SPECIAL CONDITIONS
(CONTINUED)**

allowed by the receiving state. If separation of the landscape waste is necessary, it shall be completed within 24 hours of receipt; and the separated landscape material must be transported offsite within 72 hours of receipt. The separation and offsite shipment of landscape waste shall be done in accordance with Special Condition No. 14 or per the requirements of the outside state.

14. As applicable per Special Condition No. 13, the Permittee shall make a best effort at sorting and removing landscape waste from the mixed waste stream. This shall include first, an intensive manual sorting of both loose and bagged landscape waste followed by additional sorting using mechanical methods, as necessary. The Permittee shall remove landscape waste found to be mixed with the incoming waste and transport such landscape waste separately to a facility that is operating in accordance with the [Illinois Environmental Protection Act, Title V](#), Section 21 and [Illinois Environmental Protection Act, Title X](#), Section 39, or a facility with appropriate approvals located in other states.
15. The Permittee shall sort all C&D within 48 hours of receipt at the Facility to separate the recyclable C&D from the non-recyclable C&D to be disposed of or discarded.
16. Within 24 hours of its separation required in Special Condition No. 0, the Permittee shall transport all non-recyclable C&D off site for disposal, in accordance with all applicable federal, State and local requirements.
17. The Permittee shall transport all putrescible recyclable C&D or combustible recyclable C&D to a properly permitted recycling or disposal facility within 45 days of its receipt at the Facility.
18. The Permittee shall transport all non-putrescible recyclable C&D for recycling or disposal within 3 months of its receipt at the Facility.
19. Except as otherwise accorded in Special Conditions Nos. 0 through 18, the Permittee shall remove all waste from the Facility by the end of each working day, no later than 24 hours of its receipt or generation at the Facility.
20. 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.

HOUSEKEEPING, DUST CONTROL, MAINTENANCE

21. Throughout each operating day when MSW is received, stored, or handled at the Facility, the Permittee shall operate its odor control system in accordance with manufacturer recommendations, and in conjunction with other measures to control

**ATTACHMENT B
SPECIAL CONDITIONS
(CONTINUED)**

odors at the Facility (e.g., minimizing residence time of waste, keeping overhead doors closed to the extent possible, etc.).

22. The Permittee shall install and operate water sprays or misting systems at all C&D debris transfer and drop points.
23. Within 90 days from the date of this permit, the Permittee shall install smart sensors, video cameras, or other devices capable of detecting and electronically recording the date and time when overhead doors are opened and closed at the Facility. Such system shall monitor all overhead doors used in the receipt or shipment of waste, C&D debris, and recyclables, including all overhead doors servicing the waste loadout area, the MSW transfer area, and the C&D transfer area.

The permittee shall produce to CDPH upon request a report of all overhead door openings and closings. Such report shall be provided in comma separated value (CSV) format that contains the following columns, at a minimum: 1) the door number or designation; 2) the date and time of the event; and 3) the event type (i.e., opening, closing).

24. The Permittee shall make a water source available at all times for purposes of Facility cleaning, dust control and fire safety.
25. The Permittee shall clean all Facility areas including, but not limited to, the area on which waste and recyclable materials are handled, processed, or stored each operating day. The Permittee shall utilize a mechanical street sweeper equipped with a water spray and vacuum system in order to effectively clean the Facility floors and pavements. Further, the Permittee shall clean all areas used for truck traffic on an as-needed basis utilizing the same (or similar) street sweeper to minimize dust both on and off-site. Spot cleaning of the Facility shall be performed on an as-needed basis each day or as directed by the CDPH.
26. The Permittee shall control and or suppress dust and other air-borne materials created by Facility activities so that off-site migration of these materials does not occur. This control and/or suppression shall include, but not be limited to:
 - a. Employing watering methods as often as needed;
 - b. Frequent sweeping and cleaning of facility floors and pavements; and
 - c. Ensuring that all waste handling activities are conducted at a distance away from all facility openings, such that no dust or litter escapes from the facility building.
27. The Permittee shall repair site pavements as soon as they are damaged. The CDPH reserves the right to require alternate or additional paving as necessary to prevent or mitigate nuisance conditions.

**ATTACHMENT B
SPECIAL CONDITIONS
(CONTINUED)**

28. The Permittee shall maintain site surface drainage such that no adverse effects are encountered by adjacent property owners and to site operations. All Facility catch basins and storm water inlets shall be outfitted with filter inserts designed to reduce the discharge of suspended solids and floatables into the sewer system by at least 80 percent. Such filters shall be inspected weekly and cleaned or replaced as necessary in accordance with manufacturer recommendations.
29. The Permittee shall properly maintain and repair site screening so as to completely obscure all activities occurring within the Facility.
30. The Facility shall have dedicated personnel for patrolling the site and adjacent properties for litter. The Permittee shall promptly remove and dispose of any litter that is observed on-site as well as affected off-site areas. In addition, the Permittee shall sweep as often as necessary the adjacent streets impacted by Facility truck traffic to control litter and dust. The Permittee shall use a mechanical street sweeper as described in Special Condition No. 25 to clean the adjacent streets.
31. The Permittee shall retain the services of a vector control specialist to inspect the Facility each week 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 rats, flies, and mosquitos. The Permittee shall maintain on-site 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.

SITE SAFETY:

32. The Permittee shall undertake all necessary steps to ensure that the Facility is:
 - a. Secure from unauthorized entry;
 - b. Sufficiently screened from the surrounding area; and
 - c. Adequately lighted after dark.
33. The Permittee shall provide training to all Facility employees on fire prevention, emergency procedures and hazardous material identification and handling procedures.
34. All employees working inside the Facility shall wear appropriate personal protection equipment in compliance with OSHA regulations. Such equipment shall include, but not be limited to, hard hats, safety glasses, safety shoes, and protective gloves.

**ATTACHMENT B
SPECIAL CONDITIONS
(CONTINUED)**

35. The Permittee shall install and maintain fire suppressant equipment in accordance with the Municipal Code of the City of Chicago.
36. The Permittee shall equip front end loaders with spark protectors and heat shields to prevent fires within the Facility.
37. The Permittee shall maintain a written record of emergencies occurring at the Facility, including date, time, and a detailed description of each incident. These records shall be kept onsite for inspection by the CDPH. The Permittee shall notify the CDPH each day that the Facility is affected by the emergency. Such notification shall be provided by email to ENVWastePermits@cityofchicago.org.

VEHICLES:

38. The Permittee shall maintain an onsite record of all vehicles entering the Facility and shall make such records available for inspection upon request by the CDPH or the Chicago Police Department. This record shall indicate the date, gross vehicle weight, vehicle type, truck number and hauling company name. Further, the Permittee shall maintain all load ticket receipts on site and shall make such records available for inspection upon request by the CDPH.

RECORD KEEPING AND REPORTING

39. The Permittee shall record the following information each operating day:
 - a. The number of gallons of water used for dust control,
 - b. The starting and ending odometer reading of the street sweeper;
 - c. The number of gallons or liters of deodorizing agent used for odor control;
 - d. The time, duration, and brief description of all facility and offsite cleaning conducted over the operating day.
40. The Permittee shall timely comply with the requirements contained in Chapter 11-5, Reduction and Recycling Program of the Chicago Municipal Code. The Permittee shall submit semi-annual reports to the Department of Streets and Sanitation Recycling Coordinator on forms provided by the Department of Streets and Sanitation.
41. The Permittee shall keep and maintain on file for a period of three years all records pertaining to this permit, including written records containing the following information:
 - a. The total tonnage or cubic yards of all municipal solid waste and non-recyclable construction and demolition debris accepted at the facility per load, as calculated on a daily basis;

**ATTACHMENT B
SPECIAL CONDITIONS
(CONTINUED)**

- b. The name and location of each disposal site used for the disposal of any municipal solid waste and non-recyclable construction and demolition debris accepted at the facility;
- c. The percentage of municipal solid waste and non-recyclable material transported to each disposal site;
- d. The total tonnage or cubic yards of all recyclable material accepted at the facility per load, as calculated on a daily basis;
- e. The name and location of the individual, facility or business to which such recyclable material is transported; and
- f. The percentage of recyclable material transported to each individual, facility or business.

MISCELLANEOUS:

- 42. The Permittee shall obtain an Air Pollution Control permit and maintain an active Certificate of Operation from the CDPH for all processing equipment and process areas at the Facility. The Permittee shall file the necessary forms and the renewal fee for such equipment on an annual basis.
- 43. The Permittee shall acquire all necessary Federal, State and local permits and approvals for the Facility. The Permittee shall provide copies of all such permits and approvals to the CDPH upon request. Further, the Permittee shall maintain copies of all Facility permits on site at all times and shall make these available for inspection by the CDPH.
- 44. The Permittee shall maintain with the CDPH proof of financial responsibility as required by [Section 11-4-370](#) of the Municipal Code of the City of Chicago.
- 45. The Permittee shall comply with all applicable landscape provisions as specified in [Chapter 10-32](#) of the Municipal Code of the City of Chicago as well as Chapter 17-11 of the Chicago Zoning Ordinance.
- 46. Within one year from the date of the operating authorization in Special Condition 3 above, the Permittee shall submit a report of the personal air sampling monitoring conducted in accordance with Item 9 of the October 3, 2022, response letter. Such report shall include a wind rose, and a table summary of all overhead doors openings and closings for the day(s) the personal air sampling occurred.
- 47. Beginning two months from the date of the operating authorization in Special Condition 3 above, the Permittee shall provide monthly reports to CDPH describing the hourly deliveries and shipments of waste at the Facility over the preceding month. The Permittee shall submit such reports to EnvWastePermits@cityofchicago.org by no later than 15 days after the end of each month, using the Monthly Transfer Station Report Template spreadsheet

**ATTACHMENT B
SPECIAL CONDITIONS
(CONTINUED)**

provided by CDPH. The subject line of the email shall contain the words "Monthly Waste Reports – ", followed by the permit number, ENVWAS122896.