

New York State Department of Environmental Conservation

Division of Environmental Permits, Region 7

615 Erie Boulevard West, Syracuse, New York 13204-2400

Phone: (315) 426-7438 • **Fax:** (315) 426-7425

Website: www.dec.ny.gov



Joe Martens
Commissioner

January 28, 2013

Mark Donnelly
Executive Director
Onondaga County Resource Recovery Agency
100 Elwood Davis Road
North Syracuse, NY 13212-4312

RE: Amboy Compost Site
NYS DEC ID: 7-3120-00137/00001
Solid Waste ID: 34C09
6296 Airport Rd, Town of Camillus, Onondaga County

Dear Mr. Donnelly:

Enclosed please find the above referenced Permit for a Solid Waste Management Facility for the Amboy Compost Site. Please read and adhere to all permit conditions listed on the permit. A copy of this permit and conditions shall be shown to anyone upon request.

The permit is valid for ten years and will expire on January 27, 2023.

If there are any questions, please feel free to contact me at the phone number above.

Sincerely,

Elizabeth Tracy
Deputy Regional Permit Administrator

ecc: Town of Camillus
Tim Digiulio
Jim Gruppe
Nicole Chisholm
Mary Jane Peachey
GHD Consulting Engineers, LLC
File



PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:

ONONDAGA COUNTY RESOURCE
RECOVERY AGENCY
100 ELWOOD DAVIS RD
NORTH SYRACUSE, NY 13212-4312

Facility:

AMBOY COMPOST SITE

6296 AIRPORT RD
CAMILLUS, NY

Facility Location: in CAMILLUS in ONONDAGA COUNTY

Facility Principal Reference Point: NYTM-E: 396.733 NYTM-N: 4769.956
Latitude: 43°04'31.0" Longitude: 76°16'06.6"

Authorized Activity: The applicant is authorized to upgrade and expand the existing pilot scale aerated static pile (ASP) food waste composting system to a full scale system at the Amboy Compost Facility. The facility is designed to process an average of 16,000 cy/year of food waste (9,600 tons/year) amended with 48,000 cy/year of yard waste to produce approximately 36,000 cy/year of finished compost product on an average annual basis. The approved design capacity is 40 dry tons/day (peak daily rate).

Permit Authorizations

Solid Waste Management - Under Article 27, Title 7

Permit ID 7-3120-00137/00001

(Solid Waste ID 34C09)

New Permit

Effective Date: 1/28/2013

Expiration Date: 1/27/2023

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: ELIZABETH A TRACY, Deputy Regional Permit Administrator

Address: NYSDEC REGION 7 HEADQUARTERS
615 ERIE BOULEVARD WEST
SYRACUSE, NY 13204 -2400

Authorized Signature: _____

Elizabeth Tracy

Date 1/28/13



Permit Components

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

1. Conformance With Plans All activities authorized by this permit must be in strict conformance with the permit application, plans and materials prepared by GHD Consulting Engineers, LLC on August 3, 2012 as revised by October 18, 2012 and November 16, 2012 submittals..

2. Submissions Unless otherwise specified, all submissions required by this permit shall be sent to the NYSDEC Region 7 office and the NYSDEC central office in Albany, at the addresses provided below:

NYSDEC, Region 7
Attn: Regional Materials
Management Engineer
615 Erie Boulevard West
Syracuse, NY 13204

NYSDEC
Attn: Chief, Organic Recycling and
Beneficial Use Section
625 Broadway
Albany, NY 12233

3. Construction Requirement The facility shall be constructed in accordance with the approved plans and specifications in the permit application. As-built drawings and certification by a NYS licensed Professional Engineer that the facility was built in accordance with the approved plans, must be provided to the Department. The drawings and certification must be sent to the Region 7 office and the central office at the addresses provided above, before operation commences. Operation shall not begin without Department approval in accordance with 6 NYCRR Part 360-1.8(d).

4. Operation of Facility The operation of the facility shall be in accordance with the provisions of this permit, 6 NYCRR Part 360, and the approved plans (dated August 3, 2012 – Revised October 18, 2012 and November 16, 2012) prepared by GHD Consulting Engineers, LLC.

5. Waste Sources Types of waste processed at this facility shall be limited to:

- Yard waste/clean wood chips
- Unadulterated, uncontaminated wood
- Source-separated organic waste (SSOW), as defined in 6 NYCRR Part 360-5.2

6. Removal of Inorganic Material Any institution or establishment delivering organic waste to the facility must have an active recyclables collection program designed to remove inorganic materials from the waste stream. In addition, efforts should be made to recycle organic materials such as newsprint, office paper and cardboard.



7. Unacceptable Materials Material accepted that is not suitable for composting, or as cover material for windrows (e.g., plastic contaminants, utensils, screening overs), shall be disposed of weekly.

8. Material On-Site Material accepted shall not remain on-site for more than thirty-six (36) months from the time it was received.

9. Final Compost Product On-Site Final compost product may not remain on-site for more than twenty four (24) months.

10. Leachate Storage Tank The leachate storage tank shall be emptied, cleaned, and inspected every twelve (12) months.

11. Waste Quantities The facility may accept an average of 16,000 cubic yards per year (cy/year) of food waste (9,600 tons/year) amended with an average of 48,000 cy/year of yard waste to produce approximately 36,000 cy/year of finished compost product on an average annual basis. The facility may not exceed the design capacity of 40 dry tons/day (peak daily rate). Storage shall not exceed the capacity of the Amboy Compost Facility of 13,420 cy for compost stockpile and 8,500 cy for finished compost and the Onondaga County Resource Recovery Agency's (OCRRA) Jamesville Facility capacity of 3,000 cy, which shall be used as an additional storage site.

12. Vectors, Odor and Dust Concerns The facility must be operated in a way that minimizes vector attraction, unacceptable and nuisance odor generation, and dust formation and migration. Should unacceptable or nuisance odors emanate from the facility, odor control measures outlined in the Contingency Plan in the permit application must be implemented immediately. If at any time the Department deems that measures being implemented under the Contingency Plan are not adequately controlling odors, vectors, or dust, then the Department may require cessation of waste acceptance and require the removal of all materials continuing to cause odors, vectors, or dust. In the event the Department requires removal of material, the permittee shall properly dispose of all designated material within seven (7) days.

13. Noise Levels Noise levels resulting from equipment or operations at the facility must be controlled to prevent transmission of sound levels beyond the property line at locations zoned or otherwise authorized for residential purposes to exceed the following Leq energy equivalent sound levels, in accordance with 6 NYCRR 360-1.14(p):

	<i>7 a.m.-10 p.m.</i>	<i>10 p.m.-7 a.m.</i>
Rural	57 decibels (A)	47 decibels (A)
Suburban	62 decibels (A)	52 decibels (A)
Urban	67 decibels (A)	57 decibels (A)

14. Manuals, Plans, Reports, and Logs All manuals, plans, reports and logs required by 6 NYCRR Part 360 and this permit must be maintained and available for reference and inspection at the facility.



These manuals, plans, etc. must be updated, at a minimum, upon each renewal of the permit to operate or when procedures change.

15. Annual Report An annual report shall be submitted by the permittee sixty (60) days after the first of January of each year of operation. Included in the report shall be a complete listing of all waste sources and approximate quantities of waste. Permittee shall use the form that was included as Appendix 7-1 of the Operations and Maintenance Manual in the permit application. Permittee shall check the Department's web site each year to make sure they are using the current version of the form. The permittee is encouraged to send an electronic copy of the annual report, including monitoring data in a spreadsheet format, to the Region 7 office.

16. Temperature Monitoring Temperature monitoring records must be sufficient to demonstrate compliance with the pathogen and vector attraction reduction requirements of 6 NYCRR 360-5.6(b) source-separated organic waste.

17. Sampling and Analysis All sampling and analysis must be in accordance with the Operations and Maintenance Manual in the permit application and these Special Conditions. The compost product must be analyzed for the parameters listed in 6 NYCRR 360-5.10, Table 11. The frequency for analysis must be in accordance with 6 NYCRR 360-5.10, Table 10. The maximum allowable concentration limits for all compost products are provided in 6 NYCRR 360-5.10, Table 7. Each analysis must be performed by a laboratory certified by the New York State Department of Health or otherwise approved by the Department for that type of analysis. The NYSDEC Region 7 Materials Management Engineer shall be notified immediately if any of the maximum allowable concentrations in 6 NYCRR 360-5.10, Table 7 are exceeded.

18. Leachate Sampling The Department may require sampling of leachate if Department personnel observe ponding or leachate that is not adequately controlled by the site drainage features. Analytes shall be the routine parameters of 6 NYCRR 360-2.11(d)(6). Sample collection, handling and analysis shall be performed as specified in 6 NYCRR 360-2.11.

19. Department Notification The facility must notify the Region 7 Materials Management Engineer in writing (e-mail is acceptable) within 24 hours of receiving any complaint (odors or otherwise). The facility must send (e-mail is acceptable) a signed copy of a Complaint Log to the Region 7 Materials Management Engineer that includes the actions taken and follow-up with the complainant within 48-hours of receiving the complaint.

20. Facility Notification The Department will notify OCRRA Amboy Compost facility's Recycling Operations Manager, in writing (e-mail is acceptable) as soon as practical of NYSDEC receiving any complaint, observation, or inquiry made by the public, concerning the facility.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:



1. Facility Inspection by The Department The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. Relationship of this Permit to Other Department Orders and Determinations Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. Applications For Permit Renewals, Modifications or Transfers The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC REGION 7 HEADQUARTERS
615 ERIE BOULEVARD WEST
SYRACUSE, NY13204 -2400

4. Submission of Renewal Application The permittee must submit a renewal application at least 180 days before permit expiration for the following permit authorizations: Solid Waste Management.

5. Permit Modifications, Suspensions and Revocations by the Department The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

- a. materially false or inaccurate statements in the permit application or supporting papers;
- b. failure by the permittee to comply with any terms or conditions of the permit;
- c. exceeding the scope of the project as described in the permit application;
- d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to



the permitted activity.

6. Permit Transfer Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.