



Massachusetts Department of Environmental Protection
 Bureau of Waste Prevention – Solid Waste Management

Transmittal Number _____

BWP SW 46: Permit for Recycling, Composting or Conversion (RCC) Operation

BWP SW 47: Modification or Renewal of an RCC Permit

Facility ID# (if known) _____

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



I. Project Identification

Permit Category: BWP SW 46 BWP SW 47

Project Name _____ Applicant Name _____

Project Street Address _____

City/Town _____ MA _____ State _____ ZIP Code _____

Contact Telephone Number _____ Contact Email Address _____

Project Description
 (Briefly identify & describe the RCC Activity): _____

II. Pre-Application Meeting (310 CMR 16.05(2)(a))

In accordance with 310 CMR 16.05(2)(a), you must have a pre-application meeting with MassDEP before submitting a BWP SW 46 or 47 permit application. At that meeting, MassDEP will determine which sections of this application you need to complete.

Date of Meeting (MM/DD/YYYY) _____ Location of Meeting _____

Name of MassDEP Point of Contact _____

III. General Application Requirements (310 CMR 16.05(2)(b))

Directions:
 In Sections III. through V., specify the plan/report and page numbers where the requested information is located.

Enter N/A if information requested is not applicable.

A. General	Plan/Report #	Page #	MassDEP Use Only
1. Identify all other applicable local, state, federal permits required (16.05(2)(b)2.)	_____	_____	_____
2. Financial Assurance estimate, when required (16.05(2)(b)5)	_____	_____	_____
3. MEPA compliance (16.05(2)(b)6.) (if applicable)	_____	_____	_____
4. Copy of this application provided to the local Board of Health (16.05(2))	_____	_____	_____

IV. Specific Application Requirements (310 CMR 16.05(2)(c))

Important Note:
 Engineering Plans must be stamped by a Registered Professional Engineer (PE). Property Line Location must be stamped by a Registered Land Surveyor (RLS).

A. Recyclable or Organic Material (16.05(2)(c)1)	Plan/Report #	Page #	MassDEP Use Only
1. Type, quantity and source (16.05(2)(c)1.a.)	_____	_____	_____
2. Chemical and physical characterization (16.05(2)(c)1.c.)	_____	_____	_____
B. Site (16.05(2)(c)2)			
1. Site Description (16.05(2)(c)2.a.)	_____	_____	_____
2. Locus Map (16.05(2)(c)2.b.)	_____	_____	_____



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IV. Specific Application Requirements (continued)

	Plan/Report #	Page #	MassDEP Use Only
3. Site Map (16.05(2)(c)2)			
a. Geographical and geological characteristics (16.05(2)(c)2.c.i.)	_____	_____	
b. Manmade structures and features (16.05(2)(c)2.c.ii)	_____	_____	
c. Environmental receptors (16.05(2)(c)2.c.iii.)	_____	_____	
C. Design & Operation (16.05(2)(c)3.)			
1. Technology Description (16.05(2)(c)3.a.)	_____	_____	
a. Process flow chart (16.05(2)(c)3.a.i)	_____	_____	
b. Recycling, composting, conversion & handling methods and requirements (16.05(2)(c)3.b.i.) (16.05(2)(c)3.c.ii)	_____	_____	
c. History of use (16.05(2)(c)3.a.ii.)	_____	_____	
2. Design Plan (16.05(2)(c)3.b.)	_____	_____	
a. Size of the operation (16.05(2)(c)3.b.vii.) Identify both the requested capacity and the maximum design capacity.	_____	_____	
b. Layout (16.05(2)(c)3.b.iii.)	_____	_____	
i. Including the location, capacity and method of storage for inputs, products and residuals (16.05(2)(c)3.b.vi.)	_____	_____	
c. Equipment (16.05(2)(c)3.b.ii.)	_____	_____	
d. Emissions and discharges (16.05(2)(c)3.b.iv.)	_____	_____	
e. Environmental controls (16.05(2)(c)3.b.v.)	_____	_____	
3. Operations and Maintenance (O&M) Plan (16.05(2)(c)3.c.) (16.05(2)(c)1.d.&e.)	_____	_____	
a. Quality Control/Quality Assurance	_____	_____	
i. Generator aids – signage, etc. (16.05(2)(c)1.d.i.)	_____	_____	
ii. Sampling and testing, and other methods and procedures to ensure quality of materials received and products produced (16.05(2)(c)1.d.ii.), (16.05(2)(c)3.c.i.)	_____	_____	
iii. Toxics control plan (16.05(2)(c)1.e)	_____	_____	

Please Note:
 16.05(2)(c)3.c.ii is to be addressed in Section V., Part A., Item 2.



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IV. Specific Application Requirements (continued)

	Plan/Report #	Page #	MassDEP Use Only
3. Operations and Maintenance (O&M) Plan (cont'd)			
b. Odor control plan (16.05(2)(c)3.c.iii)	_____	_____	
c. Vector control plan (16.05(2)(c)3.c.iv)	_____	_____	
d. Environmental monitoring and sampling protocols (16.05(2)(c)3.c.v.)	_____	_____	
e. Compliance inspection plan (16.05(2)(c)3.c.vi.)	_____	_____	
f. Record keeping system (16.05(2)(c)3.c.vii)	_____	_____	
3. Contingency Plans (16.05(2)(c)3.d.)			
a. Unscheduled shut downs including equipment failure, fire/explosion, weather, etc.) (16.05(2)(c)3.d.i, iii. v.)	_____	_____	
b. Managing unacceptable materials (16.05(2)(c)3.d.ii)	_____	_____	
c. Spills etc. (16.05(2)(c)3.d.iv.)	_____	_____	
4. Products and Residuals (16.05(2)(c)4.)			
a. Type, quantity, composition and use of products ((16.05(2)(c)4.a.)	_____	_____	
b. Markets for products (16.05(2)(c)4.b.)	_____	_____	
c. Stabilization and pathogen control for any land-applied products (16.05(2)(c)4.c.)	_____	_____	
d. Quantity, composition and management of residuals (16.05(2)(c)4.d.)	_____	_____	

V. Review Criteria (310 CMR 16.05(3))

The submitted information must persuade the Department that the operation meets the following criteria.

A. Recyclable or Organic Material (16.05(3)(a))	Plan/Report #	Page #	MassDEP Use Only
1. Definition of Recyclable or Organic Material is met	_____	_____	
a. Type of material	_____	_____	
b. Separated from solid waste to maximum extent possible	_____	_____	



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V. Review Criteria (continued)

A. Recyclable or Organic Material (continued)	Plan/Report #	Page #	MassDEP Use Only
2. The nature of contaminants and their probable effect on public health, safety and environment is identified	_____	_____	
3. Toxic substances, if any, are identified	_____	_____	
4. Toxics control plan is sufficient to prevent significant threats to public health, safety or the environment	_____	_____	
B. Design and Operation is Feasible (16.05(3)(b))			
1. Materials can and will be recycled, composted or converted	_____	_____	
2. Incoming material and product specifications will be met	_____	_____	
3. Product markets are viable	_____	_____	
4. Storage of materials and their products will not exceed one year.	_____	_____	
5. Residuals generated by the RCC operation will not average more than:			
a. 5% for organic materials;	_____	_____	
b. 5% for recycling of construction and demolition waste;	_____	_____	
c. 10% for recycling of recyclable material except at a single-stream operation;	_____	_____	
d. 15% for recycling of recyclable material at a single-stream operation; or	_____	_____	
e. Other percentage to be established by the Department	_____	_____	
C. The Operation will not create a significant threat to public health, safety or environment or create a public nuisance.	_____	_____	
D. The operation will not result in unpermitted discharges to the air, water, or natural resources of the Commonwealth.	_____	_____	
E. The operation is appropriately sited.	_____	_____	
F. The operation complies with MEPA requirements (if applicable).	_____	_____	
G. Sufficient financial assurance, if required by the Department, is provided.	_____	_____	
H. The operation, if located at a solid waste facility, will not result in an adverse impact on the Solid Waste Facility.	_____	_____	



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VI. Certification & Engineer's Supervision

Engineer's Supervision (310 CMR 16.05(2)(b)3)

All forms, plans, and other papers pertaining to design and construction of an operation to be permitted pursuant to 310 CMR 16.05, shall be completed under the supervision of a Massachusetts registered professional engineer knowledgeable about the proposed technology, design and construction and shall bear the seal, signature and discipline of said engineer. Any other form, plan or paper shall be completed by a competent professional experienced in the appropriate field.

Important Note: Property line location must be stamped by a Registered Land Surveyor (RLS).

Print Name

Authorized Signature

Position/Title

Company

P.E. #

Date (MM/DD/YYYY)

Certification (310 CMR 16.07)

Any person, required by these regulations or any order issued by the Department, to submit papers shall identify themselves by name, profession, and relationship to the applicant and legal interest in the facility, and make the following certification: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties both civil and criminal for submitting false information including possible fines and imprisonment".

Print Name

Authorized Signature

Position/Title

Date (MM/DD/YYYY)