



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE

205B Lowell Street, Wilmington, MA 01887 • (978) 694-3200

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Governor

TIMOTHY P. MURRAY
Lieutenant Governor

IAN A. BOWLES
Secretary

LAURIE BURT
Commissioner

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February 13, 2009

Christopher Carney
Recycling Solutions LLC
1958 Broadway
Raynham, Massachusetts 02767

RE: DEDHAM – Solid Waste/COR
1 Incinerator Road
Dedham Transfer Station
Authorization to Operate
File Number: X225541
FMF Number: 210299

Dear Mr. Carney:

The Massachusetts Department of Environmental Protection, Northeast Regional Office, Bureau of Waste Prevention, Solid Waste Management Section (MassDEP) has reviewed your application for an Authorization to Operate (BWPSW06, Transmittal Number X225541) the Dedham Transfer Station, 1 Incinerator Road, Dedham, Massachusetts. The application was prepared on your behalf by SITEC Environmental, Inc., Marshfield, Massachusetts.

By this application Recycling Solutions LLC, pursuant to contract with the Town of Dedham, proposes to reopen the Dedham Transfer Station. With minor alteration, Recycling Solutions LLC proposes to reestablish the facility as formerly operated by Waste Management of Massachusetts, Inc. (WMMI), including operation at the same maximum daily capacity (250 tons per day).

As operated by WMMI, municipal solid waste (MSW) will be received at the facility and transferred via compactor to heavy duty transfer trailers. Differing from the operation by WMMI, Recycling Solutions LLC will transfer Construction & Demolition debris directly from the tipping floor to 100 cubic yard open top transfer trailers without compaction. To facilitate this change

This information is available in alternate format. Call Donald M. Gomes, ADA Coordinator at 617-556-1057. TDD# 1-866-539-7622 or 1-617-574-6868.

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Recycling Solutions LLC has deleted one compactor from the facility and converted that bay of the building to a direct drop chute from the upper (tipping floor) level to the lower (trailer pit) level of the building. As further previously operated by WMMI, trailers and roll-off containers will be provided outside the building as alternate locations for drop off by residents and other small vehicles of C&D waste, bulky wastes, yard waste and recyclable materials. MSW will only be received for transfer within the building.

The application is to reopen the existing facility under similar operating conditions, without major structural alteration, as previously approved by MassDEP. MassDEP has determined the facility is, therefore, not subject to current criteria for setback from residences and property lines, or proximity to Riverfront Areas. MassDEP has, therefore, determined it appropriate to process the application as a "renewal" of the previous permit, not as a "new" facility permit. MassDEP is, therefore, issuing this permit pursuant to the provisions of 310 CMR 19.037, "Review Procedures for Permit Modifications, Permit Renewals and Other Approvals". Pursuant to this section a draft permit has not been issued.

The permit shall be effective upon its issuance. The applicant may, if aggrieved, request the approval be deemed a provisional decision. As provided at 310 CMR 19.037(5), any person otherwise aggrieved by this decision may appeal for judicial review of the decision in accordance with MGL Chapter 111, § 150A and MGL Chapter 30A. (See Section VII, "Right of Appeal", of the Permit.)

MassDEP has determined the facility operation, as proposed, complies with applicable requirements as established at 310 CMR 19.000. MassDEP, therefore, issue the attached Permit and Authorization to Operate (ATO).

Should there be any questions regarding this matter, please contact David Adams, telephone 978-694-3295.

Sincerely,

Sincerely,

This final document copy is being provided to you electronically by the
Department of Environmental Protection. A signed copy of this document
is on file at the DEP office listed on the letterhead.

DCA
David C. Adams
Environmental Engineer
Solid Waste Management

JAC
John A. Carrigan
Section Chief
Solid Waste Management

JAC/DCA/dca

enclosure: Fact Sheet
Facility Permit, # NESW-TS-018

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cc:

Dedham Board of Health
26 Bryant Street
Dedham, MA 02026

Michael Quatromoni
SITEC Environmental, Inc.
769 Plain Street
Marshfield, MA 02050



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DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SOLID WASTE MANAGEMENT

FACILITY PERMIT
MUNICIPAL SOLID WASTE TRANSFER FACILITY

Effective Date: **February 13, 2009**

DEP Region: MB/NE

FMF Facility No.: 210299

Expiration Date: **February 13, 2019**

Regulated Object No: 210300

Permit No.: NESW-TS-018

I. Facility Description:

Name of Permittee: Recycling Solutions, LLC

Mailing Address: 1958 Broadway
Raynham, MA 02767

Name of Facility: Dedham Transfer Station

Address of Facility: One Incinerator Road
Dedham, MA 02026

Type of Waste Handled: Municipal Solid Waste and Construction & Demolition Waste

Approved Plans:

Date Approved: February 13, 2009

Description: Recycling Solutions LLC

Facility Site Plan

1/13/09

revised 2/1/09

revised 2/6/09

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Operation and Maintenance Manual:

Date Approved: February 13, 2009
Description: Town of Dedham
Dedham Transfer Station
Operations and Maintenance Plan
January 2009

II. FACILITY PERMIT AND AUTHORIZATION TO CONSTRUCT APPLICATION
REVIEW AND APPROVAL

This application complies with the application requirements at 310 CMR 19.030(3) [permits] and 19.041 [authorizations to construct] and was reviewed in accordance with 310 CMR 19.032, Review Procedure for New Facility Permits. The plans and reports described above establish that the facility complies with the criteria at 310 CMR 19.038(2)(a) and (b).

This document is a permit issued pursuant to G.L. Chapter 111, § 150A and 310 CMR 19.000, subject to the conditions set forth below. In the event this permit and Authorization to Construct (ATC) conflicts with all or parts of prior plan approvals or permits issued pursuant to c. 111, s. 150A or solid waste regulations in effect prior to July 1, 1990 the terms and conditions of this permit and ATC shall supersede the conflicting provisions of such prior permits or approvals. This permit and ATC does not convey property rights of any sort or any exclusive privilege.

III. GENERAL PERMIT AND AUTHORIZATION TO OPERATE CONDITIONS

- A. **Amount of Waste** - The facility shall not accept wastes except as provided in section IV.A. below.
- B. **Compliance with Plans** - The permittee shall conduct operations in accordance with approved plans, reports, and other submissions described in Section I except as may be modified by the conditions set forth in Sections IV and V. No material changes in the design or activities set forth in the approved documents shall be performed without prior written Department approval.
- C. **Compliance with Other Approvals** - The issuance of this Authorization to Operate does not relieve the permittee from the requirement to comply with solid waste management statutes and regulations. In addition, this authorization does

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not relieve the permittee from the requirement to comply with all other applicable local, state and federal laws and regulations.

- D. **Standard Conditions** - The permittee [and the owner] shall operate the facility in accordance with the conditions at 310 CMR 19.007-19.011 and 19.043(5).
- E. **Joint Liability** - This permit is issued subject to the conditions of joint liability of the permittee and owner in accordance with 310 CMR 19.043(3).
- F. **Transfer** - No transfer of this permit shall be permitted except in accordance with 310 CMR 19.044. In the event of a change in the permittee's name, other than a transfer of the permit, the permittee shall notify the Department within 7 days of the effective date of the change of name.
- G. **Waste Disposal Restrictions** - The permittee shall comply with all restrictions upon the type of waste received by the facility as established by the facility's Site Assignment.
- H. **Special Wastes** - The facility shall not accept any Special Wastes except as provided by an Approval to Manage a Special Waste issued pursuant to 310 CMR 19.061 and/or as provided at Section IV.B. of this Permit. All Special Wastes handled by the facility shall be handled in conformance with the provisions of 310 CMR 19.061.
- I. **Authorization To Construct** - Before commencing construction of any expansion or significant modification of the facility not specifically approved for construction by this permit, the permittee shall obtain an Authorization to Construct in accordance with 310 CMR 19.041.
- J. **Permit Modification** - The Department reserves the right to rescind, suspend or modify this permit by the imposition of additional conditions based upon a determination of actual or the threat of adverse impacts from the construction, operation, maintenance or closure of the facility, or as may otherwise be required to comply with the requirements of the laws and/or regulations of the Commonwealth as they exist at the time of such action.
- K. **Definitions** - Unless indicated otherwise, the following terms in this permit or in any action relative to this permit shall mean as follows: the Department and/or MassDEP shall mean the Massachusetts Department of Environmental Protection; MDPH shall mean the Massachusetts Department of Public Health; Board of Health shall mean the Town of Dedham Board of Health.

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IV. SPECIFIC PERMIT CONDITIONS

A. Amount of Waste

1. The facility shall not accept more than 250 tons of waste on any given day.

B. Special Waste

1. The facility shall not accept wastes defined as Special Waste.

C. Hazardous Waste

1. The facility shall not accept hazardous waste.

D. Other

1. The facility shall comply with 310 CMR 19.017. The operator shall conduct continuing monitoring of all wastes; received and dispatched; including residuals from the waste processing, necessary to maintain compliance with the applicable restrictions.

E. Monitoring

The permittee shall provide routine daily monitoring of the facility to ensure compliance with this Permit and the approved plans. The permittee shall maintain a record documenting the operations of the facility. The Monitoring Record shall include, at a minimum:

1. Daily summary of wastes received.
2. Daily summary of wastes shipped for recycling, itemized by material type.
3. Daily summary of wastes rejected, including identification of responsible parties and description of wastes rejected.

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4. Documentation of the sources and final disposition of wastes.
5. Records of inspections and waste monitoring pursuant to compliance with waste bans as established at 310 CMR 19.017, et al.
6. Description of operational problems which are deviations from the approved plans and operating procedures, as they relate to this permit, or from this permit or the facility's site assignment.
7. Description of actions taken, or to be taken, to mitigate or correct operational problems which are deviations from the approved plans and operating procedures, as they relate to this permit, or from this permit or the facility's site assignment.

F. Annual Report

By no later than February 15 of each year, the permittee shall submit to the Department an annual operations report for the preceding calendar year.

1. Wherein a form is published by the Department for the annual report, the annual report shall be submitted on and provide the information requested in that form.
2. Should the Department not publish a prepared form for annual reports, this annual report shall include at a minimum:
 - a. A monthly summary of the years receipt of wastes, including materials accepted or shipped for recycling, itemized by type, including:
 - i. average daily quantity,
 - ii. peak day quantity,
 - iii. exceedances of authorized maximum quantity,
 - iv. other information as appropriate to demonstrate seasonal variation, and
 - v. summary of wastes rejected, including sources, reason for rejection and (to the extent known) ultimate disposition of the waste.
 - b. A summary of operational problems which are deviations from the approved plans and operating procedures, as they relate to this permit, or from this permit or the facility's site assignment, including recommendations for long term changes or modifications required to address such problems.

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G. Special Reporting

In the event any load of waste is rejected by the facility, or is returned to the facility, because it contains infectious waste, asbestos, or hazardous waste, the operator shall notify the Department's Division of Solid Waste Management, Northeast Regional Office within two (2) hours by FAX. If a FAX machine is not available, this notification may be made by phone instead within two (2) hours. Such notification by phone shall be followed up by a certified letter within 24 hours. This notice (and follow-up letter where applicable) shall provide to the Department the following information:

1. origin of load,
2. description of load,
3. reason for rejection, and
4. name of hauler and license plate number of the vehicle involved.

In the case of a hazardous waste, this notification shall be in addition to, and shall not substitute for, any notification which may be required pursuant to 310 CMR 40.0000 (the Massachusetts Contingency Plan [MCP]), if any, or other applicable law or regulation.

V. AUTHORIZATION TO OPERATE CONDITIONS

- A. Recycling Solutions, LLC is authorized to operate the facility for ten (10) years from the effective date of this permit, provided MassDEP may amend the term of this authorization: (a) in accordance with an approved modification pursuant to either 310 CMR 19.039 or 19.040; or (b) to coincide with the termination or renewal date of other Department permits issued for the solid waste processing, treatment or pollution control equipment located at the facility.

Wherein Recycling Solutions, LLC intends to operate after the expiration of this authorization, a request for renewal must be submitted at least 180 days, but not more than 270 days, prior to expiration, in accordance with 310 CMR 19.042(4).

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- B. Conditions for operation pursuant to the facility's Site Assignment may apply. This authorization shall not supercede, nor otherwise diminish, the permittee's requirement from complying with such conditions of the Site Assignment, or other permit, issued by the Town of Dedham, as may apply.

VI. AUTHORIZATION TO CONSTRUCT CONDITIONS (reserved)

VII. RIGHT OF APPEAL

- A. **Right to Appeal** - Recycling Solutions, LLC is hereby notified that it may within twenty-one (21) days file a request that this decision be deemed a provisional decision under 310 MR 19.037(4)(b), by submitting a written statement of the basis on which Recycling Solutions, LLC believes it is aggrieved, together with any supporting materials. Upon timely filing of such a request, the decision shall be deemed a provisional decision with an effective date twenty-one (21) days after the Department's receipt of the request. Such a request shall reopen the administrative record, and the Department may rescind, supplement, modify, or reaffirm its decision. Failure by Recycling Solutions, LLC to exercise the right provided in this section shall constitute a waiver of Recycling Solutions, LLC's right to appeal.
- B. **Right to Appeal** - Pursuant to 310 CMR 19.037(5), any person aggrieved by the issuance of this permit, except as provided for under 310 CMR 19.037(4)(b), may file an appeal for judicial review of said decision in accordance with the provisions of M.G.L. c. 111, s. 150A and C. 30A not later than thirty (30) days following notice of this decision.
- C. **Notice of Appeal** - Any aggrieved person intending to appeal the decision to the superior court shall provide notice to the Department of intention to commence such action. Said notice of intention shall include the Department File Number and shall identify with particularity the issues and reason(s) why it is believed the approval decision was not proper. Such notice shall be provided to the Office of General Counsel of the Department and the Regional Director for the regional office which made the decision. The appropriate addresses to which to send such notices are:

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General Counsel
Department of Environmental Protection
One Winter Street-Third floor
Boston, 02108

Regional Director
Department of Environmental Protection
Northeast Region
205B Lowell Street
Wilmington, MA 01887

No allegation shall be made in any judicial appeal of this decision unless the matter complained of was raised at the appropriate point in the administrative review procedures established in those regulations, provided that matter may be raised upon a showing that it is material and that it was not reasonably possible with due diligence to have been raised during such procedures or that matter sought to be raised is of critical importance to the public health or environmental impact of the permitted activity.

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JAC

John A. Carrigan
Section Chief
Solid Waste Management

2/13/09

Date

FACT SHEET
Dedham Transfer Station
Permit and Authorization to Operate

File Number:
page 1

This is an electronic facsimile of a document on file with the Massachusetts Department of Environmental Protection.

Facility: Dedham Transfer Station
Address: 1 Incinerator Road
Dedham, Massachusetts

Owner: Town of Dedham
Address: Dedham Town Hall
26 Bryant Street
Dedham, Massachusetts 02026

Operator/Permittee: Recycling Solutions LLC
Address: 1958 Broadway
Raynham, Massachusetts 02767

Facility Number: 210299
Regulated Object Number: 210300
Permit Number: NESW-TS-018

Location¹: 42° 15' 21" North Latitude 71° 10' 1" West Longitude
MSPCS: 227,490 mE 889,545 mN Mainland Zone NAD83

Size of site: 2 acres (est.)

MEPA: The application does not trigger MEPA review thresholds.

Current Application:
Type: Authorization to Operate (BWPSW06)
Transmittal Number: X225541
date: January 13, 2009

Engineer of Record:
SITEC Environmental, Inc.
769 Plain Street, Unit C
Marshfield, Massachusetts 02050
Michael Quatromoni, Project Manager
A. Raymond Quinn, P.E.

Capacity:
maximum: 250 tons per day
average: n.a.

¹ For reference only. Estimated from MassGIS.

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Type of material processed: Municipal Solid Waste,
Construction & Demolition (C&D) waste

Other actions effecting this application:

Town of Dedham
Massachusetts
Proposed Solid Waste
Transfer Facility
C.E. Maguire, Inc.
September, 1975
Approved: October 23, 1975

Operation & Maintenance Manual
for the
Dedham Solid Waste Transfer Station
Dedham, Massachusetts
June, 1990
(Revised October, 1990)
File Number: NESW-90-036
Approved: January 16, 1991

Permit-By-Rule (BWPSW34)
File Number: 66460
Permit Number: NESW-TS-018
Issued: July 21, 1993

Submittals as part of this application:

report:

Town of Dedham
Dedham Transfer Station
Operation and Maintenance Plan
January 2009

plan:

Recycling Solutions LLC
Facility Site Plan
1/13/09

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report:

Town of Dedham
Dedham Transfer Station
Operation and Maintenance Plan
January 2009
February 4, 2009, Revised

plan:

Recycling Solutions LLC
Facility Site Plan
1/13/09
revised 2/1/09
revised 2/6/09

Discussion:

The Dedham Transfer Station was originally established in 1976 by conversion of the then existing municipal solid waste incinerator building. The incinerator was established circa 1961 and removed from operation circa 1975.

Plans for the conversion of the facility to a transfer station were approved by MassDEP (then Massachusetts Department of Environmental Quality Engineering [DEQE]) on October 23, 1975. At that time the facility was designed for an average of 73 tons per day, with a maximum of 100 tons on any given day. As originally proposed the operation of the facility was to be by employees of the Town of Dedham. In 1988 MassDEP identified that operation of the facility was being conducted on behalf of the Town of Dedham by Browning-Ferris Industries, East Bridgewater, Massachusetts (BFI). On January 16, 1991, MassDEP granted approval to BFI to the increase of capacity of the facility to an annual average of 150 tons per day, with a maximum of 250 tons on any given day.

Circa June 21, 1993 operation of the facility was transferred from BFI to Waste Management of Massachusetts, Inc., Wakefield, Massachusetts (WMMI). On June 29, 1993 WMMI submitted an application for a Permit By Rule (Transmittal Number 66460). By that application, WMMI submitted a revised Operation and Maintenance manual for the facility. The revised O&M manual specified the maximum capacity as 250 tons per day. No average capacity was specified, however, operation was specified as being anticipated to range between 230 and 250 tons on any given day. The revised O&M manual was approved, and a Permit By Rule (Permit # NESW-TS-018) issued on July 21, 1993.

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Effective June 30, 2008 WMMI closed the facility. MassDEP issued a certification that the facility was deemed closed on October 20, 2008. Pursuant to that closure, WMMI removed the compactors from the facility.

The Town of Dedham has entered into a contract with Recycling Solutions, LLC, Raynham, Massachusetts to reopen the facility. Pursuant to this application Recycling Solutions, LLC has applied for a permit and Authorization to Operate (ATO) to reopen the facility with minor alterations to facilitate separation of the transfer of municipal solid waste (MSW) from Construction & Demolition (C&D) waste.

Pursuant to the proposed operation, Recycling Solutions, LLC has installed one compactor to replace the units removed by WMMI. Within the bay for the second compactor, Recycling Solutions, LLC has removed the foundation pier for the former compactor to allow a 100 cubic yard open top waste haul trailer to be directly loaded from the upper level tipping floor. Minor alterations to the floor hole of the former compactor chute were made to facilitate the direct drop of waste into the trailer. An awning was added to the face of the building to protect the portion of the trailer extending beyond the building face from rain and snow.

As modified, MSW will continue to be loaded via compactor into a heavy duty closed top transfer trailer. C&D waste will be loaded directly into a 100 cubic yard open top transfer trailer.

To the extent practical, wastes (MSW and C&D) will be tipped directly into the transfer chutes to the compactor or 100 cubic yard transfer trailer, as appropriate. Where necessary, wastes will be tipped to the tipping floor and transferred, by front-end loader or grapple equipped excavator, to the appropriate chute.

Recycling Solutions, LLC will continue to provide an open top trailer and roll-off container outside of the building for receipt of C&D waste, bulky waste (white goods) and yard waste from residents and other small vehicles. Roll-off containers will also be provided outside the building for storage of waste ban items removed from received waste and for the receipt of recyclable materials from residents.

MassDEP notes that a January 2001 "StormWater Drainage Systems Improvements, As-Built Conditions" plan (prepared by Allen & Major Associates, Inc., Woburn, Massachusetts) depicts the C&D waste trailer to be located outside of the building as a MSW roll-off. The current "Facility Site Plan" (January 13, 2009, SITEC Environmental, Marshfield, Massachusetts) correctly depicts the C&D waste trailer. As stipulated in the O&M plan, MSW will not be received at the resident and small vehicle C&D drop-off area. MSW will only be received at the tipping floor within the building.

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Up to five (5) residences (Lower East Street, et al) are noted to be located within 500 feet of the waste handling areas. Located on a site of approximately 2 acres, the waste handling areas are located approximately 65 feet from the easterly property line and as close as 45 feet to Mother Brook (the northerly property line). The "Hot Load" drop area is located within 75 feet of Incinerator Road (the southerly property line). The entire waste handling area is within the Riverfront Area of Mother Brook. The facility was established (circa 1961 as an incinerator) and approved as a large (50 tons per day or greater) transfer station (October 23, 1975) prior to promulgation of standards for the siting of large solid waste transfer stations (July 1, 1990). The facility was approved for the proposed maximum capacity pursuant to operation by the former operators on January 16, 1991. MassDEP has, therefore, determined the facility is grandfathered from setback requirements for distance from a residence, distance from a property line and proximity to a Riverfront Area for operation in the proposed manner, at the proposed capacity.

Consistent with the former facility operations by WMMI, the facility is anticipated to continue to operate near its maximum rate of receipt each day of operation. Therefore, an average daily rate of receipt has not been specified by the application. The facility will operate at or near 250 tons per day.