



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

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Matthew A. Beaton
Secretary

Martin Suuberg
Commissioner

THIS IS AN ELECTRONIC FACSIMILE OF A DOCUMENT ON FILE WITH MASSDEP

April 11, 2017

Mr. Louis DiBerardinis
Director of EHS Office
Massachusetts Institute of Technology
N52-496
77 Massachusetts Avenue
Cambridge, MA 02139-4307

RE: **CAMBRIDGE**
Transmittal No.: X262144
Application No.: NE-15-018
Class: OP
FMF No. 314888; RO No. 314889

**PROPOSED AIR QUALITY PLAN
APPROVAL**

310 CMR 7.02
310 CMR 7.00: Appendix A
Including Section 61 Findings

**DRAFT PREVENTION OF
SIGNIFICANT DETERIORATION
PERMIT**

40 CFR 52.21

PROPOSED NEW Combined Heat and Power Project in CAMBRIDGE, MA

Public Comment Drafts

The Massachusetts Institute of Technology (MIT) has proposed the construction and operation of two (2) nominal 22 megawatt (MW) combustion turbine generators (CTGs), each with an associated heat recovery steam generator (HRSGs) equipped with duct firing capability and one 2 MW emergency engine as well as changes to the fuel use scenarios in five existing boilers (collectively, the Project). The proposed equipment will be located on Albany Street near MIT's existing Central Utility Plant at 59 Vassar Street in Cambridge, MA. Each CTG and its associated HRSG are a combined heat and power (CHP) system.

This information is available in alternate format. Contact Michelle Waters-Ekanem, Director of Diversity/Civil Rights at 617-292-5751.
TTY# MassRelay Service 1-800-439-2370
MassDEP Website: www.mass.gov/dep

Printed on Recycled Paper

The Massachusetts Department of Environmental Protection (MassDEP), Bureau of Air and Waste, has reviewed MIT's Application, identified as Transmittal No. X262144, Application No. NE-15-018, and determined that the Application is administratively and technically complete. MassDEP hereby proposes to approve the construction and operation of the proposed Project, subject to the conditions set forth in the attached documents. Final action by MassDEP is subject to the public review process.

Enclosed please find the following:

- (1) Proposed Plan Approval;
- (2) Draft Prevention of Significant Deterioration (PSD) Permit;
- (3) Draft PSD Permit Fact Sheet; and
- (4) Notice of Public Hearing and Public Comment Period & Notice of Section 61 Findings (Public Notice).

To facilitate public participation, a copy of the foregoing documents will be posted on MassDEP's internet page and can be accessed via:

<http://www.mass.gov/eea/agencies/massdep/news/comment/>

The Public Notice will be published in the April 19, 2017 edition of the Environmental Monitor. MassDEP plans to send copies of the Public Notice to a number of individuals and organizations as a notice method reasonably calculated to give actual notice of the proposed permits to persons potentially affected by the proposed project and to elicit public participation.

As you are aware, MIT is responsible for ensuring that the Public Notice is published in newspaper(s) of general circulation in the municipality where the facility is proposed. MIT has represented to MassDEP that it has arranged for the Public Notice to be published in multiple publications and languages. MIT should publish and forward proof of publication to the attention of Edward Braczyk, MassDEP – NERO, 205B Lowell Street, Wilmington, Massachusetts 01887.

The required Public Comment period will commence with the date of publication of the Public Notice: April 19, 2017.

As you are aware, the Public Hearing has been scheduled for Monday, May 22, 2017 at 7:00 PM at MIT Building 4-270, 182 Memorial Drive (Rear), Cambridge, MA 02139. The Public Comment period shall close at 5:00 PM on Tuesday, May 23, 2017.

After the Public Hearing and the close of the Public Comment period, MassDEP will commence a public comment review.

Should you have any questions concerning this matter, please contact Edward Braczyk by telephone at (978) 694-3200, by email to edward.braczyk@state.ma.us or in writing at the letterhead address. Please note that all comments must be addressed to Edward Braczyk at the letterhead address or at edward.braczyk@state.ma.us.

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.**

Susan Ruch
Acting Permit Chief and
Deputy Regional Director
Bureau of Air and Waste

Edward J. Braczyk
Supervising Environmental Engineer

Enclosure: Communication for Non-English Speaking Parties

cc: A.J. Jablonowski, P.E., Epsilon Associates, 3 Mill & Main Place, Suite 250, Maynard, MA 01754
Seth Kinderman, MIT Plant Engineering Manager, MIT Central Utilities Plant - Bldg 42, 59 Vassar Street,
Cambridge, MA 02139-4308
Cambridge Mayor's Office, 795 Massachusetts Ave., 2nd Floor, Cambridge, MA 02139
Cambridge Board of Health, 119 Windsor Street, Ground level, Cambridge, MA 02139
Cambridge Fire Headquarters, 491 Broadway Street, Cambridge, MA 02138
Metropolitan Area Planning Council, 60 Temple Place, Boston, MA 02111
Deirdre Buckley, MEPA, Executive Office of Energy and Environmental Affairs, 100 Cambridge Street,
Suite 900, Boston, MA 02114.
John Ballam, Department of Energy Resources, 100 Cambridge Street, Suite 1020, Boston, MA 02114
United States Environmental Protection Agency (EPA) – New England Regional Office, 5 Post Office Square
Suite 100, Mail Code OEP05-2, Boston, Massachusetts 02109-3912
Attn: Air Permits Program Manager

ecc: EPA-New England: Donald Dahl
MIT: Zhanna Davidovitz
MassDEP/Boston: Yi Tian
MassDEP/WERO: Marc Simpson
MassDEP/CERO: Roseanna Stanley
MassDEP/SERO: Thomas Cushing
MassDEP/NERO: Susan Ruch
MassDEP/NERO: Ed Braczyk
MassDEP/NERO: Susan McConnell
MassDEP/NERO: Martha Bolis
MassDEP/NERO: Mary Persky