



# Department of Environmental Protection

Central Regional Office • 627 Main Street, Worcester MA 01608 • 508-792-7650

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October 5, 2012

Mr. Kenny J. Hartung  
Abbott Bioresearch Center  
100 Research Drive  
Worcester, MA 01605

**RE: Worcester**  
Class: SM-50  
FMF No.: 344828  
**50% Facility Emission Cap Approval**

Dear Mr. Hartung:

Enclosed for your files is a copy of your facility's BWPAQ Emissions Notification Form as processed by Massachusetts Department of Environmental Protection ("MassDEP"). As submitted on September 19, 2012, you requested an emissions cap of 50% of all applicable thresholds for your facility located at 100 Research Drive in Worcester. The cap on these emissions is summarized in Table 1, below.

TABLE 1 – Annual Pollutant Emission Limits for 50% Emission Cap Compliance (tons per year)						
VOC	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	HAP single	HAP (combined total)
25	25	50	50	50	5	12.5

**Table 1 Key:**

*VOC = Volatile Organic Compounds*

*NO<sub>x</sub> = Nitrogen Oxides*

*SO<sub>x</sub> = Sulfur Dioxide*

*CO = Carbon Monoxide*

*PM<sub>10</sub> = Particulate Matter less than or equal to 10 microns in diameter*

*HAP (single) = maximum single Hazardous Air Pollutant*

*HAPs (total) = total Hazardous Air Pollutants.*

By complying with the 50% facility emission cap, you will no longer be subject to the restrictions established in your RES Transmittal W056421 issued on March 3, 2005. As stated in 310 CMR 7.02(11)(b), operation under this facility wide emission cap does not relax or eliminate any emission limitations or record keeping requirements established by regulation or by previously issued source-specific plan approvals or emission control plans. In addition, it does not eliminate the preconstruction plan approval requirements of 310 CMR 7.02.

310 CMR 7.02(11) details specific record keeping and reporting requirements of an owner/operator electing to limit their facility's potential and actual emissions through this regulation. Compliance with these requirements is integral part of maintaining your compliance with the emissions cap. Such records shall contain, but are not limited to, the items as listed under 310 CMR 7.02(11)(h). Details of facility specific record keeping items can be found at the following link;  
<http://www.mass.gov/dep/service/regulations/310cmr07.pdf>.

The owner shall establish and maintain records of actual emissions. Such information shall be summarized in a monthly log, maintained **on-site** for five years, and be made available to MassDEP or U.S. Environmental Protection Agency staff *upon request of the agency*. Source Registration is the only reporting requirement that shall be submitted to MassDEP in accordance with the schedule as required under 310 CMR 7.12.

The facility's change in status will be reflected in your Fiscal Year (FY) 2014 and subsequent statements. Should you have any questions in regards to this action contact Kim McCoy at the Central Regional Office, (508) 767-2770.

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.

Roseanna E. Stanley  
Acting Permit Chief  
Bureau of Waste Prevention

RES/k1m

Enclosure