

Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Central Regional Office • 8 New Bond Street, Worcester MA 01606 • 508-792-7650

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Kathleen A. Theoharides Secretary

> Martin Suuberg Commissioner

Date

Mr. John Baker RE: Worcester

University of Massachusetts Medical Authorization No.: AQ08A-###

School Application No.: 19-AQ08A/B/22-000001-APP

55 Lake Avenue North Class: OP

Worcester, Massachusetts 01655 FMF No.: 51203

PROPOSED NO_x RACT EMISSION CONTROL PLAN (ECP) APPROVAL

Dear Mr. Baker:

The Massachusetts Department of Environmental Protection (MassDEP), Bureau of Air and Waste, Central Regional Office, has reviewed the above-referenced Emission Control Plan (ECP) application ("Application") listed above. This Application pertains to the on-site Powerhouse for University of Massachusetts Medical School located at 55 Lake Avenue North, Worcester, MA. ("Facility").

The ECP application was submitted in accordance with Section 7.19(3), *Reasonably Available Control Technology (RACT) for Sources of Oxides of Nitrogen (NO_x)* as promulgated on March 9, 2018, and Appendix B(3), *Emission Reduction Credit Banking and Trading*, as contained in 310 CMR 7.00, "Air Pollution Control Regulations" adopted by MassDEP pursuant to the authority granted by Massachusetts General Laws, Chapter 111, Sections 142 A-O. MassDEP's review of your Application has been limited to air pollution control regulation compliance and does not relieve you of the obligation to comply with any other regulatory requirements.

MassDEP has determined that the Application is administratively and technically complete and that the Application is in conformance with the Air Pollution Control regulations and current air pollution control engineering practice, and hereby approves the ECP for said Application, as submitted subject to the conditions listed below.

Please review the entire ECP Approval, as it stipulates the conditions with which the Facility owner/operator ("Permittee") must comply for the Facility to be operated in compliance with this ECP Approval.

On [date], public notice was published on the MassDEP website for public review and comment on the Proposed Oxides of Nitrogen Emission Control Plan (ECP) (application number: 19-AQ08A/B/22-000001-APP) at the Facility. The comment period ended date. MassDEP also held a public hearing at the MassDEP office located at 8 New Bond Street, Worcester, MA on date. No comments were submitted OR

1. <u>DESCRIPTION OF FACILITY AND APPLICATION</u>

The Facility has the potential to emit greater than 50 tons of NOx per year and has four (4) boilers that trigger NOx RACT requirements. The emission units (EU) subject to NOx RACT are Boilers #1 through #4 inclusive; however, Boilers #1 and #2 are exempt from RACT emission limits as long as they continue to operate on a three-year average basis below 10% annual capacity factor.

HISTORY

On April 14, 1995, MassDEP issued Emission Control Plan (ECP) approval Transmittal #101225 to the Permittee. This ECP applied to the three existing large Cleaver Brooks boilers rated at greater than 100 million Btu (MMBtu) per hour. On February 21, 1997, MassDEP issued a modified ECP approval Transmittal #131657 for these three Cleaver Brooks boilers.

On July 28, 1999, MassDEP issued Plan Approval Transmittal #W003896 to the Permittee for two new Babcock and Wilcox boilers. These boilers were rated at 144 MMBtu per hour firing gas, and 98 MMBtu per hour firing #6 fuel oil. The Permittee removed one of the previous existing Cleaver Brooks boilers and designated the remaining two Cleaver Brooks boilers as Boilers #1 and #2. The two new Babcock and Wilcox boilers were designated as Boilers #3 and #4.

On March 9, 2018, MassDEP promulgated revised regulations under 310 CMR 7.19 which set new NOx limits applicable to Boilers #1 through #4 inclusive. MassDEP determined that Boilers #1 and #2 had annual capacity factors of less than 10%, and were therefore not required to meet the new applicable NOx limit, pursuant to 310 CMR 7.19(1)(d). MassDEP further determined that Boilers #3 and #4 were unable to meet the new applicable NOx standard while firing #6 fuel oil, and informed the Permittee that it was required to submit an ECP for Boilers #3 and #4.

On June 5, 2019, the Permittee submitted the present ECP application for Boilers #3 and #4 to MassDEP.

CURRENT EMISSION LIMITS

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Boilers 3 and 4 currently have NOx emission limits of 0.05 lb/MMBtu on natural gas and 0.30 lb/MMBtu on #6 fuel oil, that were determined to be Best Available Control Technology under Plan Approval Transmittal #W003896.

In addition, in accordance with the recent amendments to NOx RACT 310 CMR 7.19 promulgated on March 9, 2018, the new more stringent emission limit for NOx will be 0.15 lb/MMBtu on either natural gas or fuel oil with a compliance date of March 9, 2020. The boilers will be able to comply with the emission limit while firing natural gas (they are already required under their Plan Approval to limit NOx to 0.05 lb/MMBtu when firing natural gas) but cannot meet the emission limit while firing #6 fuel oil.

PROPOSED ECP DESCRIPTION

Under this Proposed ECP, the Permittee will achieve compliance by:

1. Using certified Emission Reduction Credits (ERC) per 310 CMR 7.19(2)(g) and Appendix B(3)(e).

RACT ECP NOX EMISSIONS REDUCTION STRATEGY

In accordance with 310 CMR 7.19(2)(g) and Appendix B(3)(e), the Permittee will implement a NOx RACT Emission Control Plan that will achieve compliance with 310 CMR 7.19(4)(b) for Large Boilers 3 and 4, by purchasing and retiring certified Emission Reduction Credits (ERC) when burning residual oil. ERC means the actual air pollutant reduction from an emitting source that have been certified by the Department as enforceable, permanent quantifiable, real and surplus in accordance with the requirements of 310 CMR 7.00: Appendix (B). In accordance with 310 CMR 7.19(2)(g), for any ERCs generated from emissions reductions at a facility that, if it were operating after March 9, 2018, would be subject to 310 CMR 7.19(4)(b), 7.19(7)(b), and 7.19(8)(d), and such ERCs were certified prior to March 9, 2018 in accordance with Appendix B(3), the Department shall devalue the ERCs based on the ratio of the new applicable NOx RACT emission standard to the lower of the actual emissions or the allowable NOx RACT emission standard that was used to generate the ERCs.

Once the new RACT limits for large boilers become effective on March 9, 2020, the Facility will be required to meet NO_X RACT for the two (2) boilers using ERCs.

In accordance with 310 CMR 7.00: Appendix B(3)(e)2., the Permittee must obtain an amount of credit equal to five percent more than the amount needed for the offset or compliance calculation.

This five percent increment shall be held by the applicant and not used or sold until such time as the Department determines whether or not the excess credit can be released or used.

In accordance with 310 CMR 7.00: Appendix B(3)(e)8., ERCs generated during the period May 1-Sepetember 30, can be used at any time during the calendar year. ERCs generated during the

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period of October 1-April 30 can only be used in the same season as generated (October 1-April 30).

The Permittee shall make every effort to schedule maintenance on Boilers 3 and 4 during the non-ozone season.

In accordance with 310 CMR 7.19 (13)(a)3b., the Permittee shall demonstrate compliance by performing an annual stack test as specified in 310 CMR 7.19(13)(c) on Boilers #3 and #4 when firing #6 fuel oil. The MassDEP has determined that the emission rate from the stack tested emissions unit shall be adjusted by a Compliance Assurance Multiplier of 1.1.

2. EMISSION UNIT IDENTIFICATION

Each Emission Unit ("EU") identified in Table 1 is subject to and regulated by this ECP Approval:

Table 1				
EU	Description	Maximum Heat Input Rating	NO _x RACT Emission limit	Regulation
4 (Boiler #3)	Babcock and Wilcox Model #FM 117-97 High Pressure Boiler	144 MMBtu per hour	0.15 pounds per MMBtu	310 CMR 7.19(4) RACT for Large size Boilers
5 (Boiler #4)	Babcock and Wilcox Model #FM 117-97 High Pressure Boiler	144 MMBtu per hour	0.15 pounds per MMBtu	310 CMR 7.19(4) RACT for Large size Boilers

Table 1 Key:

CMR = Code of Massachusetts Regulations MMBtu = million British thermal units

EU = Emission Unit RACT = Reasonably available control technology

NOx = Nitrogen Oxides

3. <u>APPLICABLE REQUIREMENTS</u>

A. OPERATIONAL, PRODUCTION and EMISSION LIMITS

The Permittee is subject to, and shall not exceed the Operational, Production, and Emission Limits as contained in Table 2:

Table 2			
	Allowable Emissions		
EU	Gas Fired NOx (lb/MMBtu)	Oil Fired NOx (lb/MMBtu)	CO @ 3% O ₂ (ppmvd)
4 and 5 (until March 9, 2020)	0.05	0.30	200
4 and 5 (March 9, 2020)	0.05	$0.15 \text{ or } \leq AlE_{NOx}$	200

Table 2 Notes: Table 2 Key:

 AlE_{NOx} = allowable NOx emissions as defined in Table NO_x =

6, Special Conditions

CO = carbon monoxide

EU = emission unit

 $lb/MMBtu = pounds \ per \ million \ British \ thermal \ units$

 \leq = less than or equal to

 NO_x = nitrogen oxides

 $O_2 = oxygen$

ppmvd = parts per million by volume dry basis

@ = at

% = percent

B. <u>COMPLIANCE DEMONSTRATION</u>

The Permittee is subject to, and shall comply with, the monitoring, testing, record keeping, and reporting requirements as contained in Tables 3, 4, and 5:

Table 3			
EU	Monitoring and Testing Requirements		
	1. The Permittee shall install, maintain and properly operate a natural gas meter and No. 6 oil fuel meter on each boiler to monitor natural gas and No. 6 fuel oil usage on a daily basis.		
	2. The Permittee shall comply with 310 CMR 7.00: Appendix B by monitoring and tracking daily fuel oil usage emissions or emission rates calculated in a manner to be consistent with the compliance averaging period approved for the Facility.		
EU No. 4 & 5 (Boilers 3 & 4)	3. The Permittee shall comply with the NOx and CO monitoring requirements in 310 CMR 7.19(13)(c). by conducting an annual compliance emission test prior to October 1 of each year on Boilers 3 & 4. The resulting actual fuel oil NOx emission rate shall be multiplied by the Compliance Assurance Factor of 1.1 pursuant to 310 CMR 7.19(13)(a)3.b.		

Table 3			
EU	Monitoring and Testing Requirements		
EU No. 4 & 5 (Boilers 3 & 4)	 4. The Permittee shall comply with 310 CMR 7.19(13)(d) 3., by measuring and tracking the following for each boiler whenever firing fuel oil on a daily basis: a. type of fuel burned; b. fuel heat content; c. total input heating value of the fuel consumed daily; d. allowable (AlE_{NOx}) and actual emission (AcE_{NOx}) rates and the difference between the two values¹; and e. ERCs required and whether they are ozone and nonozone season². 		
	5. The Permittee shall comply with 310 CMR 7.04 (4) by inspecting and maintaining each emission unit in accordance with the manufacturers recommendations and testing them for efficient operation at least once in each calendar year.		
	6. The Permittee shall monitor all operations to ensure sufficient information is available to comply with 310 CMR 7.12 Source Registration.		
	7. In accordance with 310 CMR 7.19(13) (c) the Permittee shall submit to MassDEP for review and written approval a pretest protocol at least 60 days prior to the anticipated date of stack testing.		

Table 3 Notes:

- 1. See Table 6 Condition 1 for Formulas
- 2. See Table 6 Condition 2 for Formulas

Table 3 Key:

CO = Carbon Monoxide CMR = Code of Massachusetts Regulations

 $AcE_{NOx} = actual \ NO_x \ emissions$

EU = emission unit

 $NO_x = Nitrogen Oxides$

 AlE_{NOX} = allowable NO_x emissions

ERC = emission reduction credit

	Table 4		
EU	Record Keeping Requirements		
EU No. 4 & 5 (Boilers 3 & 4)	 The Permittee shall comply with 310 CMR 7.00: Appendix B(3) and 7.19(13)(d) by maintaining the following records whenever fuel oil is burned on a daily basis for each boiler: Actual fuel usage, Type of fuel, heat content of the fuel burned, heating value of the fuel consumed for each day, actual NOx (AcE_{NOx}) emitted in pounds per calendar day; allowable NOx (AlE_{NOx}) emission limitation in pounds per calendar day; and the difference between the actual (AcE_{NOx}) emissions and the allowable (AlE_{NOx}) NOx emissions over each calendar day. 		
	2. The Permittee shall comply with 310 CMR 7.19(13)(d)3., by recording the ERCs obtained (recorded separately for ozone and nonozone season) including the source of the ERC, the date of generation, and the Transmittal number of the application for certification of the ERCs on a monthly (calendar) basis.		
	3. The Permittee shall comply with 310 CMR 7.00: Appendix B(3) by maintaining a record of the daily compliance status whenever fuel oil is burned and an up to date reconciliation of certified ERCs purchased and retired.		
	4. The Permittee shall maintain a list of all exempt and non-exempt emission units at the Facility having the potential to emit NOx. The list shall identify the maximum input capacity, in millions of Btu per hour of each emission unit, the type of fuel permitted to be burned in each emission unit, the maximum NOx emission rate of each unit, in pounds per million Btu, for each fuel burned before and after the application of NOx RACT, the total actual fuel usage and energy input in million Btu for each of the last two years for each emission unit.		
	5. The Permittee shall comply with 310 CMR 7.04(4) (a) by maintaining and recording the results of the inspection, maintenance and testing conducted on each boiler and the date upon which it was performed. The results shall be posted conspicuously on or near the boilers.		
	6. The Permittee shall maintain adequate records on-site to demonstrate compliance status with all operational, production, and emission limits contained in Table 2 above. Records shall also include the actual emissions of air contaminant(s) emitted for each calendar month and for each consecutive twelve-month period (current month plus prior eleven months). These records shall be compiled no later than the 15 th day following each month. An electronic version of the MassDEP approved record keeping form, in Microsoft Excel format, can be downloaded at https://www.mass.gov/guides/massdep-facility-wide-emission-restrictions-caps-reporting		
	7. The Permittee shall maintain records of monitoring and testing as required by Table 3.		
	8. The Permittee shall maintain a copy of this ECP Approval, underlying Application and the most up-to-date SOMP for the EU(s) approved herein on-site.		
	9. The Permittee shall maintain a record of routine maintenance activities performed on the approved EU(s), and monitoring equipment. The records shall include, at a minimum, the type or a description of the maintenance performed and the date and time the work was completed.		

Table 4			
EU	Record Keeping Requirements		
EU No. 4 & 5 (Boilers 3 & 4)	 The Permittee shall maintain a record of all malfunctions affecting air contaminant emission rates on the approved EU(s) and monitoring equipment. At a minimum, the records shall include: date and time the malfunction occurred; description of the malfunction; corrective actions taken; the date and time corrective actions were initiated and completed; and the date and time emission rates and monitoring equipment returned to compliant operation. The Permittee shall maintain records to ensure sufficient information is available to comply with 310 CMR 7.12 Source Registration. The Permittee shall maintain records required by this ECP Approval on-site for a minimum of five (5) years. The Permittee shall make records required by this ECP Approval available to MassDEP and USEPA personnel upon request. 		

Table 4 Key

$$\begin{split} AlE_{NOX} &= allowable\ NO_x\ emissions \\ AcE_{NOx} &= actual\ NO_x\ emissions \\ CMR &= Code\ of\ Massachusetts\ Regulations \\ ECP &= emission\ control\ plan \end{split}$$

SOMP = Standard Operating and Maintenance

Procedures

 NO_x = nitrogen oxide EU = emission unit

RACT= reasonable available control technology

ERC = emission reduction credit

Table 5			
EU	Reporting Requirements		
EU No. 4 & 5 (Boilers 3 & 4)	1.	The Permittee shall submit to MassDEP within 45 days of the end of the preceding quarter in which fuel oil was burned a report that summarizes each quarterly period, (January-March, April- June, July – September, October –December), the report shall include daily calculations of 1) actual emissions, 2) allowable emissions, 3) whether actual emissions exceeded allowable emissions over the quarterly reporting period, and 4) whether the facility was in compliance with the emission limits for each day: a. actual NOx (AcE _{NOx}) emissions in pounds per calendar day; b. allowable NOx (AlE _{NOx}) emission limitation calculated in pounds per calendar day; c. the difference between the AcE _{NOx} emissions and the AlE _{NOx} over each calendar day; d. a report of compliance status with respect to the difference between the AcE _{NOx} and the AlE _{NOx} over each calendar day and an up to date reconciliation of certified ERCs purchased and retired; and	
		 e. whether the ERCs used during that quarterly period are ozone or nonozone season ERCs; f. No AlE_{NOX} reporting is required for any quarter in which fuel oil was not burned. 	
	2.	In accordance with 310 CMR 7.19(13)(c), the Permittee shall submit to MassDEP a written report and results of the annual compliance tests within sixty (60) days of the completion of the tests.	

Table 5			
EU	Reporting Requirements		
EU No. 4 & 5 (Boilers 3 & 4)	 The Permittee shall submit to MassDEP all information required by this ECP Approval over the signature of a "Responsible Official" as defined in 310 CMR 7.00 and shall include the Certification statement as provided in 310 CMR 7.01(2)(c). The Permittee shall notify the Central Regional Office of MassDEP, BAW Permit Chief by telephone, email: CERO.Air@ mass.gov, or fax: 508.792.7621, as soon as possible, but no later than three (3) business day after discovery of an exceedance(s) of Table 2 requirements. A written report shall be submitted Permit Chief at MassDEP within ten (10) business days thereafter and shall include: identification of exceedance(s), duration of exceedance(s), reason for the exceedance(s), corrective actions taken, and action plan to prevent future exceedance(s). The Permittee shall report annually to MassDEP, in accordance with 310 CMR 7.12, all information as required by the Source Registration/Emission Statement Form. 		

Table 5 Key

 AlE_{NOX} = allowable NO_x emissions EU = emission unit

 AcE_{NOx} = actual NO_x emissions ERC = emission reduction credit

ECP = Emission Control Plan $NO_x = nitrogen oxide$

CMR = Code of Massachusetts Regulations

4. SPECIAL TERMS AND CONDITIONS

A. The Permittee is subject to, and shall comply with, the Special Terms and Conditions as contained in Table 6 below:

	Table 6
EU	Special Terms and Conditions
EU No. 4 & 5 (Boilers 3 & 4)	1. The Permittee shall comply with the emission compliance strategy AcE≤AlE by using the following equations whenever fuel oil is burned:
۵۱)	a. The actual daily NOx emission (AcE) from Boilers 3 and 4 shall be calculated daily in pounds per day as follows:
	i. AcE = (EU4 actual lb/ MMBtu x MMBtu/day) + (EU5 actual lb/ MMBtu x MMBtu/day)OR
	ii. AcE= (0.3 lb/ MMBtu x MMBtu/day) + (0.3 lb/ MMBtu x MMBtu/day) ¹
	b. The Permittee shall adjust the stack tested emissions from each boiler by a Compliance Assurance Multiplier of 1.1, in accordance with 310 CMR 7.19 (13)(a)3.b.
	c. The allowable daily NOx emission (AlE) from Boilers 3 and 4 shall be calculated in pounds per day as follows:
	i. AIE = (EU4 NOx RACT limit lb/MMBtu x MMBtu/day) +(EU5 NOx RACT limit lb/MMBtu x MMBtu/day) +ERCs
	OR ii. AlE = (0.15 lb/MMBtu/day x MMBtu/day) + (0.15 lb/MMBtu/day x MMBtu/day) + ERCs
	2. In accordance with 310 CMR 7.00:Appendix B (3)(e), the Permittee shall obtain an amount of credit equal to five percent more than the amount needed for the compliance calculation using the following equation:
	a. Required $ERC(NOx) = (AcE(NOx) - AlE(NOx)) \times 1.05$
	OR b. ERC(NOx) x 1.05
	Credit requirements are calculated on a daily basis. Daily emissions are rounded to the nearest whole number. If the actual daily emissions (AcE) are less than the allowable (AIE), offsets will not be required.
	3. The Permittee shall hold this five percent increment and not use it or sell it until such time as the MassDEP determines whether the excess credit can be released.
EU No. 4 & 5 (Boilers 3 & 4)	4. The Permittee shall ensure that ERCs required for compliance will be calculated based on emissions during the ozone (May 1- September 30) and nonozone seasons. NOx ERCs generated during the ozone season can be used at any time during the year. ERCs generated during the nonozone season can only be used during the nonozone season(October 1-April 30).
	5. The Permittee shall purchase, use and retire the required ERCs on a calendar year basis on or before every January 30 th of the following year.

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Table 6		
EU		Special Terms and Conditions
EU No. 4 & 5 (Boilers 3 & 4)	6.	The Permittee submitted an Operating Permit Renewal application under transmittal number X230692 which is currently under review by the MassDEP. In accordance with 310 CMR 7.00, Appendix C(5)(e), the Permittee shall submit, within 90 days from the date of this ECP Approval, a revised OP Renewal application (Form BWP AQ 12), and supporting information, that reflects this NOx RACT ECP and any other requirements that apply to the Facility.

Table 6 Notes:

1. The listed lb/MMBtu emission factors are results of the 2018 stack tests. The Permittee shall use the most recently available stack test data for future emission factors.

Table 6 Key

 $AlE = allowable \ emissions \\ AcE = actual \ emissions \\ AcE = actual \ emissions \\ MMBtu/day = million \ British \ thermal \ units \ per \ day \\ CMR = Code \ of \ Massachusetts \ Regulations \\ ECP = emission \ control \ plan \\ AlE_{NOX} = allowable \ NO_x \ emissions \\ RCT = reasonable \ available \ control \ technology \\ AcE_{NOx} = actual \ NO_x \ emissions \\ AcE_{NOx} = actual \ NO_x \ emissions \\ RACT = reasonable \ available \ control \ technology \\ RCE_{NOx} = actual \ NO_x \ emissions \\ RCE_{NOx} = actual \ NO_$

5. GENERAL CONDITIONS

The Permittee is subject to, and shall comply with, the following general conditions:

- A. Pursuant to 310 CMR 7.01, 7.02, 7.09 and 7.10, should any nuisance condition(s), including but not limited to smoke, dust, odor or noise, occur as the result of the operation of the Facility, then the Permittee shall immediately take appropriate steps including shutdown, if necessary, to abate said nuisance condition(s).
- B. Pursuant to 310 CMR 7.01(2)(b) the Permittee shall allow MassDEP and/or USEPA personnel access to the Facility, buildings, and all pertinent records for the purpose of making inspections and surveys, collecting samples, obtaining data, and reviewing records.
- C. This ECP Approval does not negate the responsibility of the Permittee to comply with any other applicable Federal, State, or local laws or regulations now or in the future.
- D. The Application is incorporated into this ECP Approval by reference. Should there be any differences between the Application and this ECP Approval, the ECP Approval shall govern.
- E. This ECP Approval may be suspended, modified, or revoked by MassDEP if MassDEP determines that any condition or part of this ECP Approval is being violated.

- F. This ECP Approval may be modified or amended when in the opinion of MassDEP such is necessary or appropriate to clarify the ECP Approval conditions or after consideration of a written request by the Permittee to amend the Plan Approval conditions.
- G. Pursuant to 310 CMR 7.01(3), the Permittee shall comply with all conditions contained in this ECP Approval. Should there be any differences between provisions contained in the General Conditions and provisions contained elsewhere in the ECP Approval, the latter shall govern.

6. ADJUDICATORY HEARING PROCESS

This ECP Approval is an action of MassDEP. If you are aggrieved by this action, you may request an adjudicatory hearing. A request for a hearing must be made in writing and postmarked within twenty-one (21) days of the date of issuance of this ECP Approval.

Under 310 CMR 1.01(6)(b), the request must state clearly and concisely the facts, which are the grounds for the request, and the relief sought. Additionally, the request must state why the ECP Approval is not consistent with applicable laws and regulations.

The hearing request along with a valid check payable to the Commonwealth of Massachusetts in the amount of one hundred dollars (\$100.00) and a completed <u>Adjudicatory Hearing Fee</u> <u>Transmittal Form at http://www.mass.gov/eea/docs/dep/service/adr/adjherfm.pdf</u> must be mailed to:

Commonwealth of Massachusetts
Department of Environmental Protection
P.O. Box 4062
Boston, MA 02211

This request will be dismissed if the filing fee is not paid, unless the appellant is exempt or granted a waiver as described below. The filing fee is not required if the appellant is a city or town (or municipal agency), county, or district of the Commonwealth of Massachusetts, or a municipal housing authority.

MassDEP may waive the adjudicatory hearing filing fee for a person who shows that paying the fee will create an undue financial hardship. A person seeking a waiver must file, together with the hearing request as provided above, an affidavit setting forth the facts believed to support the claim of undue financial hardship.

Should you have any questions concerning this ECP Approval, please contact Paul Dwiggins by telephone at 508.767.2760, or in writing at the letterhead address.

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Sincerely,

Douglas E. Fine Deputy Regional Director Bureau of Air and Waste

ecc: Worcester Office of Inspectional Services
Worcester Fire Department
Robert Fraser
Yi Tian, MassDEP/BAW, Boston, MA