



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

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

DEVAL L. PATRICK
Governor

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Secretary

KENNETH L. KIMMELL
Commissioner

November 8, 2013

Martin Anderson
Johnson Matthey Pharma Services
25 Patton Road
Devens, MA 01434

RE: Devens
Transmittal No.: X256347
Application No.: CE-13-018
Class: SM79-7
FMF No.: 362527
AIR QUALITY PLAN APPROVAL

Dear Mr. Anderson:

The Massachusetts Department of Environmental Protection (“MassDEP”), Bureau of Waste Prevention, has reviewed your Limited Plan Application (“Application”) listed above. This Application concerns the proposed addition of a new production suite and emissions control equipment at the pharmaceutical drug manufacturing facility located at 25 Patton Road in Devens, Massachusetts (“Facility”).

This Application was submitted in accordance with 310 CMR 7.02 Plan Approval and Emission Limitations 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, Section 142 A-N, Chapter 21C, Section 4 and 6, and Chapter 21E, Section 6. 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 grants this **Plan Approval** for said Application, as submitted, subject to the conditions listed below.

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

1. DESCRIPTION OF FACILITY AND APPLICATION

A. INTRODUCTION

Johnson Matthey Pharmaceutical Services (the “Permittee”) is located at 25 Patton Road, Devens, MA 01434. The Facility performs process research and development, analytical testing, and small scale production of pharmaceutical compounds. Depending on the quantity of product needed production operations may take place in either the laboratories or the Pilot Plant, as detailed below.

B. PERMITTING HISTORY

On July 9, 2003, the MassDEP issued Plan Approval Transmittal #W038262 to the Permittee (formerly Pharm-Eco). This Plan Approval outlined the emissions limits for non-fuel emissions from two production suites, Suite A and Suite B. The facility-wide process emissions were limited to 0.7 tons per year of VOC, 1.41 tons per year of Organic HAP, and 1.75 tons per year of Inorganic HAP.

On August 8, 2008, the MassDEP issued Plan Approval Transmittal #W215323 to the Permittee. This Plan Approval outlined the emission limits from the two previously-approved production suites, Suite A and Suite B, laboratory operations, and the direct vent for hydrogenation reactions. This Plan Approval also allowed the installation of emissions condensers and alteration of ductwork serving the scrubbers such that they could be configured to operate individually, in series, or in parallel dependent on process needs. The facility-wide process emissions limits were then increased to 4.0 tons per year of Volatile Organic Compounds (“VOC”), 2.0 tons per year of organic Hazardous Air Pollutants (“HAP”), and 1.75 tons per year of inorganic HAP. Plan Approval #W215323 superseded in its entirety Plan Approval #W038262.

On May 9, 2011, the MassDEP issued Plan Approval Transmittal #W236573 to the Permittee. This Plan Approval outlined the emission limits from all natural gas fired equipment (as a combined source) including boilers, space heaters, and water heaters. This Plan Approval also outlined emission limits for a Caterpillar Model 3516 DITA (2000 kW) emergency generator utilizing ultra-low sulfur diesel (“ULSD”) fuel. The emission limits were for particulate matter, sulfur dioxide, nitrogen oxides, carbon monoxide and VOC.

On July 15, 2013, the Permittee submitted the present application for approval of new Pilot Plant equipment to be called Suite C.

C. DETAILED PROCESS DESCRIPTION

1) Pilot Plant

The Pilot Plant consists of three separate production suites: the existing Suites A and B, which are designated as Emission Units #3 and #4; and the proposed Suite C, which will be designated as Emission Unit #5. The three suites are configured in a similar fashion. Suites A and B both have a layout of three large vessels each, one on the third floor and two on the second floor, with the product collected in filters on the first floor for drying. The Suite C layout will have all three larger vessels on the third floor, and product will be collected for drying on the first or second floor. In addition to the three larger vessels, each suite has smaller condensate receiver vessels and ancillary piping, valves, etc.

Products are typically manufactured by following the described unit operations which are charging, mixing, heating and/or cooling, filtration, drying, and in some cases, purifying using chromatography. Other sub-unit operations may include transfers between vessels, refluxing, vacuum distillation, sparging, and packaging. The temperature of the vessels as well as the emissions control equipment is controlled by a recycled non-contact cooling system.

Unit condensers are used in the Pilot Plant to support the production process. These unit condensers are required to perform process operations, therefore, they are considered part of the vessels rather than emissions control equipment. Suites A and B also have emissions condensers to provide emissions control (Condenser #1 for Suite A and Condenser #2 for Suite B). The emissions condensers are used to control emissions of volatile organic compounds/halogenated organic compounds (“VOCs”/“HOCs”), hydrocarbons (“HYC”) and organic hazardous air pollutants (“HAP”).

There are also two scrubbers (Scrubbers #1 and #2) which are used to control odorous and inorganic HAP emissions serving Suites A and B. Caustic (acidic or basic) vapors can be controlled by one or both of the scrubbers dependent on process needs. Each scrubber consists of an ejector venturi (first stage) followed by a counter-flow packed bed (second stage). The scrubbers can be configured to operate individually, in series, or in parallel dependent on process needs. The flow of water through the venturi stage provides the force to cause exhaust vapors to flow through the scrubber, without any exhaust fan or blower.

The new Suite C will have larger vessels and larger production capacity than Suites A and B. Suite C will have additional unit condensers, an additional emissions condenser (Condenser #3), and two additional scrubbers (Scrubbers #3 and #4). The scrubbers serving Suite C will be configured identically to the other scrubbers and scaled accordingly.

2) Laboratories

The laboratory scale activities are conducted in fume hoods. These activities are used to develop larger scale operations for the Pilot Plant suites. Condensers are used to control emissions and provide reflux during distillation operations. These condensers include chilled glycol

condensers. To maximize condensation, dry ice traps are used when a process requires vacuum. These condensers are assumed to have lower efficiency than the emissions condensers of the Pilot Plant suites (90% instead of 98%). The laboratories are designated as Emission Unit #6.

3) Hydrogenation Reactions

There is an existing vent for hydrogenation reactions in the Pilot Plant. These reactions produce minimal amounts of VOC/HOC and HVC emissions, but must be vented directly to the atmosphere for process safety reasons. This vent is designated as Emission Unit #7.

D. BEST AVAILABLE CONTROL TECHNOLOGY (BACT)

MassDEP has determined that BACT for this Plan Approval consists of:

- 1) For organic vapors: the use of the process condenser followed by the emissions condenser for each Pilot Plant suite, with the emissions condensers rated at 98% efficiency; condensers rated at 90% efficiency for the laboratories; and limited use of the direct hydrogenation vent.
- 2) For inorganic air contaminants: the use of the scrubbers rated at 98% efficiency on all reactions that generate acid/caustic or odorous compounds.

E. FEDERAL REQUIREMENTS

The Facility is not subject to New Source Performance Standards (NSPS) under 40 CFR Part 60. The Facility is subject to the requirements of 40 CFR 63 Subpart VVVVVV, National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources, which are administered by the United States Environmental Protection Agency.

F. FACILITY PLAN APPROVALS STATUS

This Plan Approval Transmittal # X256347 replaces and supersedes the conditions of previously issued Plan Approval Transmittal #W215323 for non-fuel emissions, but does not alter the limits and conditions of Plan Approval Transmittal #W236573 for fuel utilization emissions.

2. EMISSION UNIT (EU) IDENTIFICATION

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

Table 1			
EU# (Note 1)	Description	Design Capacity	Pollution Control Device (PCD)
EU #3	Pilot Plant-Suite A (1) 100 gallon reactor/mix tank, (2) 200-gallon reactor/mix tanks, and ancillary equipment	200 gallon/batch	Condenser #1 Scrubber #1 and/or Scrubber #2
EU #4	Pilot Plant-Suite B (1) 200 gallon reactor/mix tank, (2) 500 gallon reactor/mix tanks, and ancillary equipment	500 gallon/batch	Condenser #2 Scrubber #1 and/or Scrubber #2
EU #5	Pilot Plant-Suite C (1) 300 gallon reactor/mix tank, (2) 750 gallon reactor/mix tanks, and ancillary equipment	750 gallon/batch	Condenser #3 Scrubber #3 and/or Scrubber #4
EU #6	Laboratories	N/A	Condensers
EU #7	Pilot Plant Direct Roof Vent (Hydrogenation Reactions)	N/A	None

Table 1 Notes:

Note 1: EU #1 and #2 are the fuel-burning equipment subject to and regulated by Plan Approval Transmittal #W236573.

Table 1 Key:

EU# = Emission Unit Number
 PCD = Pollution Control Device

3. APPLICABLE REQUIREMENTS

A. OPERATIONAL, PRODUCTION and EMISSION LIMITS

The Permittee has elected to limit the Facility’s emissions through record keeping and the use of control equipment.

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

Table 2			
EU#	Air Contaminant	Emission Limit (Note 1)	Operational / Production Limit
3, 4, 5 & 6 (Notes 3 and 4)	VOC/HOC	1.1 TPM, 5.4 TPY	1. The Permittee has elected to limit the Facility's emissions through record keeping and the use of control equipment.
	HYC	0.6 TPM, 2.9 TPY	
	Organic HAP	1.1 TPM, 5.4 TPY	
	Inorganic HAP	0.8 TPM, 4.0 TPY	
7	VOC/HOC	<1 TPY	
	HYC	<1 TPY	
	Organic HAP	<1 TPY	
	Inorganic HAP	<1 TPY	
Facility-wide Process EU's (Note 2)	VOC/HOC	<2.1 TPM, <6.4 TPY	
	HYC	<1.6 TPM, <3.9 TPY	
	Organic HAP	<2.1 TPM, <6.4 TPY	
	Inorganic HAP	<1.8 TPM, <5.0 TPY	

Table 2 Notes:

Note 1: Compliance with the emission limits shall be determined by record keeping and electronic spreadsheet calculations using the following emission factors as detailed in the submitted application:

Pilot Plant Organics: emission factor = 0.69 pounds emitted per ton used

Laboratory Organics: emission factor = 37.5 pounds emitted per ton used

Pilot Plant and Laboratory Inorganic HAP: 0.02 pounds emitted per pound used.

Note 2: These totals include only EU3, 4, 5, 6, and 7. The sum of emissions from the two fuel-utilization emission units (EU1 and EU2) is less than 1 TPY for all listed air contaminants.

Note 3: Each emissions condenser (on EU3-EU5), individually, shall obtain a minimum condensation efficiency of 98% for VOC, HOC, HYC and organic HAP emissions. Laboratory (EU6) condensers shall obtain a minimum condensation efficiency of 90%.

Note 4: Each EU3 and EU4 scrubber shall obtain a minimum control efficiency of 98% for acidic and basic gaseous emissions or a maximum acidic and basic gaseous emission rate of 0.2 pounds per hour, whichever is less stringent. The EU5 scrubber shall obtain a minimum control efficiency of 98% for acidic and basic gaseous emissions or a maximum acidic and basic gaseous emission rate of 0.5 pounds per hour, whichever is less stringent.

Table 2 Key:

EU# = Emission Unit Number

VOC = Volatile Organic Compounds

HOC = Halogenated Organic Compounds

HYC = Hydrocarbon

Organic HAP = either a single organic Hazardous Air Pollutant or the sum of all organic Hazardous Air Pollutants

Inorganic HAP = either a single inorganic Hazardous Air Pollutant or the sum of all inorganic Hazardous Air Pollutants
 TPM = tons per month
 TPY = tons per consecutive 12-month period
 < = Less than

B. COMPLIANCE DEMONSTRATION

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
3,4,5,6	1. The Permittee shall continuously monitor the temperature of the unit and emissions condensers to ensure proper efficiency.
	2. The Permittee shall install the following monitoring devices on Condensers #1, 2, and 3: <ul style="list-style-type: none"> a. Thermocouple, or other temperature sensing device, to measure exhaust gas temperature at the outlet of the condenser; b. Thermocouple, or other temperature sensing device, to measure cooling media temperature at the chiller system or at the inlet of the condenser; c. The sensors/devices shall trigger a visible and/or audible alarm when the monitored parameter falls below the acceptable range for a normal operation.
	3. The Permittee shall continuously monitor the function of the scrubbers when in operation. The process vapor pressure will be monitored prior to the venturi orifice.
	4. The Permittee shall test the pH and monitor the scrubbing liquid pressure of the scrubbers twice per day, when in operation, to ensure device treatment efficiency.
	5. At least once per calendar year, the Permittee shall remove and calibrate the temperature sensors for each condenser and the pressure gauge prior to the venturi orifice on the scrubbers.
Facility-wide	6. The Permittee shall monitor all operations to ensure sufficient information is available to comply with 310 CMR 7.12 Source Registration.
	7. If and when MassDEP requires it, the Permittee shall conduct emission testing in accordance with USEPA Reference Test Methods and Regulation 310 CMR 7.13

Table 3 Key:

EU# = Emission Unit Number
 USEPA = United States Environmental Protection Agency
 CMR = Code of Massachusetts Regulations

Table 4	
EU#	Record Keeping Requirements
3 through 7	<ol style="list-style-type: none"> 1. The Permittee shall maintain records of; monitoring and testing as required by Table 3, reporting as required by Table 5, and of special terms and conditions of Table 6. 2. The Permittee shall maintain adequate records on-site to demonstrate compliance with all operational, production, and emission limits contained in Table 2 above. Records shall also include the actual material usage and 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 15th day following each month. 3. The Permittee shall maintain a copy of this Plan Approval, underlying Application and the most up-to-date SOMP for the EU(s) approved herein on-site. 4. The Permittee shall maintain a record of routine maintenance activities performed on the approved EU(s), PCD(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. 5. 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. 6. The Permittee shall maintain records to ensure sufficient information is available to comply with 310 CMR 7.12 Source Registration. 7. The Permittee shall maintain records required by this Plan Approval on-site for a minimum of five (5) years. 8. The Permittee shall make records required by this Plan Approval available to MassDEP and USEPA personnel upon request.

Table 4 Key:

EU# = Emission Unit Number
 PCD = Pollution Control Device
 SOMP = Standard Operating and Maintenance Procedure
 USEPA = United States Environmental Protection Agency

Table 5	
EU#	Reporting Requirements
Facility-wide	1. The Permittee shall submit to MassDEP all information required by this Plan 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).
	2. The Permittee shall notify the Central Regional Office of MassDEP, BWP Permit Chief by telephone: 508-767-2845, email: CERO.Air@massmail.state.ma.us or fax : 508-792-7621, as soon as possible, but no later than one (1) business day after discovery of an exceedance(s) of Table 2 requirements. A written report shall be submitted to Permit Chief at MassDEP within three (3) 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).
	3. The Permittee shall report every three years to MassDEP, in accordance with 310 CMR 7.12, all information as required by the Source Registration/Emission Statement Form. The Permittee shall note therein any minor changes (under 310 CMR 7.02(2)(e), 7.03, 7.26, etc.), which did not require Plan Approval.
	4. The Permittee shall provide a copy to MassDEP of any record required to be maintained by this Plan Approval within 30 days from MassDEP’s request.
	5. The Permittee shall submit to MassDEP for approval a stack emission pretest protocol, at least 30 days prior to emission testing, for emission testing as defined in Table 3 Monitoring and Testing Requirements.
	6. The Permittee shall submit to MassDEP a final stack emission test results report, within 45 days after emission testing, for emission testing as defined in Table 3 Monitoring and Testing Requirements.

Table 5 Key:

EU# = Emission Unit Number
 MassDEP = Massachusetts Department of Environmental Protection
 CMR = Code of Massachusetts Regulations

4. SPECIAL TERMS AND CONDITIONS

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

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

Table 6

EU#	Special Terms and Conditions
3,4,5,6	1. With the exception of hydrogenation reactions, all process vessels and reactors shall vent to a condenser during operations. The condensers shall not be by-passed when process equipment is operating. All reactions that evolve or emit acid gases shall, subsequent to the condenser, vent to an acid scrubber. All reactions that evolve or emit caustic gases shall, subsequent to the condenser, vent to a caustic scrubber.
	2. The Permittee shall not begin to operate any process equipment until the cooling media temperature is within normal operating parameters. For solvent based processes, a temperature of $-10^{\circ}\text{C}\pm 5^{\circ}\text{C}$ ($14^{\circ}\text{F}\pm 9^{\circ}\text{F}$) shall be maintained. When operating water based processes (<10% organic solvent). The temperature of the condenser can be increased to prevent freezing of the water vapor, the Permittee shall maintain supporting documentation that the condenser efficiency is maintained with the elevated temperature.
	3. The scrubbing media used for acidic and basic vapor removal shall be determined by the specific reaction chemistry and recorded in the operation documentation. The pH of the scrubbing media shall be ≥ 7 for treating acidic vapors and ≤ 7 for treating basic vapors.
	4. The scrubber liquid pressure shall be maintained at 25 to 35 psi prior to the venturi section, and 5 to 7 psi prior to the packed column.
	5. The process vapor pressure between the emissions condenser and the venturi of the scrubber shall not exceed atmospheric pressure.
	6. At least once per calendar year, the Permittee shall remove and calibrate the temperature probes/sensors for each condenser.
	7. At least once per calendar year or in accordance with manufacturer's specifications, the Permittee shall calibrate the pressure probes/sensors in the scrubber system.
Facility-Wide	8. Any prior Plan Approvals issued under 310 CMR 7.02 shall remain in effect unless specifically changed or superseded by this Plan Approval. The Facility shall not exceed the emission limits and shall comply with approved conditions specified in the prior Plan Approval(s) unless specifically altered by this Plan Approval.
	9. Good housekeeping measures will be employed for wiping rags and equipment clean-up and all processes in the facility including but not limited to: Storing any rags in closed containers, conducting cleanup in a closed container or in a manner to minimize emissions of VOC.
	10. In accordance with 310 CMR 7.18(1), the Permittee shall, at all times, store and dispose of VOC containing materials in a manner which will minimize VOC evaporation to the atmosphere. Proper storage shall be in a container with a tight fitting cover. Proper disposal shall include incineration in an incinerator approved by MassDEP, transfer to another person licensed by MassDEP to handle VOC, or any other equivalent method approved by MassDEP.

Table 6 Key:

- EU# = Emission Unit Number
- VOC = Volatile Organic Compounds
- °F = Degrees Fahrenheit
- °C = Degrees Centigrade
- psi = Pounds per square inch
- ± = plus or minus
- < = less than
- % = percent
- ≥ = greater than or equal to
- ≤ = less than or equal to
- CMR = Code of Massachusetts Regulations

- B. The Permittee shall install and use an exhaust stack, as required in Table 7, on each of the Emission Units that is consistent with good air pollution control engineering practice and that discharges so as to not cause or contribute to a condition of air pollution. Each exhaust stack shall be configured to discharge the gases vertically and shall not be equipped with any part or device that restricts the vertical exhaust flow of the emitted gases, including but not limited to rain protection devices known as “shanty caps” and “egg beaters.”
- C. The Permittee shall install and utilize exhaust stacks with the following parameters, as contained in Table 7, for the Emission Units that are regulated by this Plan Approval:

Table 7				
EU#	Stack Height Above Ground (feet)	Stack Inside Exit Dimensions (feet)	Stack Gas Exit Velocity Range (feet per second)	Stack Gas Exit Temperature Range (°F)
3,4,5 (4 Stacks)	52	0.55	9-26	Ambient
6 (8 Stacks)	51	3	60	Ambient

Table 7 Key:

- EU# = Emission Unit Number
- °F = Degree Fahrenheit

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. If asbestos remediation/removal will occur as a result of the approved construction, reconstruction, or alteration of this Facility, the Permittee shall ensure that all removal/remediation of asbestos shall be done in accordance with 310 CMR 7.15 in its entirety and 310 CMR 4.00.
- C. If construction or demolition of an industrial, commercial or institutional building will occur as a result of the approved construction, reconstruction, or alteration of this Facility, the Permittee shall ensure that said construction or demolition shall be done in accordance with 310 CMR 7.09(2) and 310 CMR 4.00.
- D. Pursuant to 310 CMR 7.01(2)(b) and 7.02(7)(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.
- E. This Plan Approval does not negate the responsibility of the Permittee to comply with any other applicable Federal, State, or local regulations now or in the future.
- F. Should there be any differences between the Application and this Plan Approval, the Plan Approval shall govern.
- G. Pursuant to 310 CMR 7.02(3)(k), MassDEP may revoke this Plan Approval if the construction work is not commenced within two years from the date of issuance of this Plan Approval, or if the construction work is suspended for one year or more.
- H. This Plan Approval may be suspended, modified, or revoked by MassDEP if MassDEP determines that any condition or part of this Plan Approval is being violated.
- I. This Plan Approval may be modified or amended when in the opinion of MassDEP such is necessary or appropriate to clarify the Plan Approval conditions or after consideration of a written request by the Permittee to amend the Plan Approval conditions.
- J. Pursuant to 310 CMR 7.01(3) and 7.02(3)(f), the Permittee shall comply with all conditions contained in this Plan Approval. Should there be any differences between provisions contained in the General Conditions and provisions contained elsewhere in the Plan Approval, the latter shall govern.

6. MASSACHUSETTS ENVIRONMENTAL POLICY ACT

MassDEP has determined that the filing of an Environmental Notification Form (ENF) with the Secretary of Energy & Environmental Affairs, for air quality control purposes, was not required prior to this action by MassDEP. Notwithstanding this determination, the Massachusetts Environmental Policy Act (MEPA) and 301 CMR 11.00, Section 11.04, provide certain “Fail-Safe Provisions,” which allow the Secretary to require the filing of an ENF and/or an Environmental Impact Report (EIR) at a later time.

7. APPEAL PROCESS

This Plan 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 Plan 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 Plan 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) 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.

Enclosed is a stamped approved copy of the application submittal.

Should you have any questions concerning this Plan Approval, please contact Paul Dwiggins by telephone at 508-767-2760, or in writing at the letterhead address.

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

Enclosure

ecc: Devens Enterprise Commission
 Devens Fire Department
 MassDEP/Boston - Yi Tian
 Lynn Sheridan, Cappacio Environmental