



**TOWN OF ACTON**  
**HEALTH DEPARTMENT**  
472 Main Street  
Acton, Massachusetts, 01720  
Telephone (978) 264-9634  
Fax (978) 264-9630

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February 10<sup>th</sup>, 2009

To Whom It May Concern:

At their regularly scheduled meeting on February 9<sup>th</sup> 2009, the Acton Board of Health unanimously approved the Hazardous Materials Initial Permit to allow for the storage and use of hazardous materials at the WWTF at 33 Harris St, Acton MA.

33 Harris Street has been approved with the following permit categories:

- #4 (materials user >25 gals/lbs/month)
- #9 (materials storage >25 gals/lbs/24hrs)

The approval is issued with the following conditions:

1. The site will maintain a valid hazardous materials permit with the Acton Health Department and maintain the site pursuant with the Town of Acton Hazardous Materials Control Bylaw. The site will respond to all reasonable informational and inspectional requests made by the Acton Health Dept.
2. All liquid Hazardous Materials and Wastes shall be stored in a containment area capable of containing 110% of the largest volume stored in the containment area.
3. All Materials Safety Data Sheets (MSDSs) for the Hazardous Materials shall be maintained on site. MSDSs shall be reviewed with employees at the time of their employment and on an annual basis thereafter. MSDS must be made available to all employees upon request.
4. A Contingency Plan, including emergency contact numbers (Telephone numbers of owner, operator, etc.) and a sketch showing clearly all Hazardous Material and Waste locations shall be submitted and updated annually, to the Board of Health, Fire Department, Police Department, and Civil Defense.
5. Emergency procedures and local Emergency Response Telephone Numbers (Health, Fire, Police, D.E.P., Civil Defense, etc.) should a spill occur, shall be posted in clear view of all employees where Hazardous Materials or Wastes are used or stored.
6. Copies of either all invoices or manifests for any Hazardous Materials or Wastes, received or disposed, shall be submitted to the Board of Health annually.
7. All Hazardous Materials Containers shall be labeled and dated when filling first began.

8. Speedy Dry, or its equivalent, shall be kept in the storage area, in case of a Hazardous Materials or Wastes spill.
9. Protective equipment, including chemical resistant gloves, eye goggles and (rubber) boots, in addition to soap and water, shall be made available to all employees, at all times, in any Hazardous Materials or Waste storage or use area.
10. A fire extinguisher, containing an appropriate fire extinguishing agent, shall be placed in the Hazardous Materials Storage area.
11. Prior to any new chemical or processes being used, the Board of Health shall be notified.
12. Any area where materials or wastes are used or stored will remain secure from unauthorized entry at all times.
13. The operation of this facility shall be in compliance with all present and future regulations of E.P.A. and D.E.P. at all times. Nothing in this permit allows or requires non-compliance with all present and future applicable laws or regulations of the Federal or State Governments.

Regards,

Justin T. Snair  
Environmental Health Agent



## INTRADEPARTMENTAL COMMUNICATION

Acton Board of Health - Telephone (978) 264-9634

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TO: Board of Health  
FROM: Justin T. Snair  
RE: Hazardous Materials Initial Permit  
DATE: January 27, 2009

The Acton Health Department is in receipt of an Application for Initial Hazardous Materials Permit for 33 Harris Street.

### Site Details:

Site is currently a waste water treatment plant serving (Spring Hill Common. The site is located within an aquifer zone 3. 55 gallons of Methanol (100%) will be stored in a drum and used on site as carbon source in the waste water treatment process and diluted to 25% in water. The diluted 25% methanol will be pumped to the de-nitrification filters. Expected daily use will not exceed 3-4 gallons of 25% diluted Methanol solution.

The Health Department has reviewed the submitted application and conducted an initial inspection of the site and finds the following:

Type(s) of permits needed: #4 (materials user .25gals/month)  
# 9 (materials storage of >25gals >24hrs)

Material classified with (1) slight health hazard, (3) high fire hazards, (0) least reactivity. Site has taken appropriate action to mitigate health, environmental and fire hazards.

Use of material at site is required for WWTF operations and use of non-hazardous alternatives is not feasible or practical.

Therefore the Health Department recommends approval with the following conditions:

1. The site will maintain a valid hazardous materials permit with the Acton Health Dept. and maintain the site pursuant with the Hazardous Materials Control Bylaw. The site will respond to all reasonable informational and inspectional requests made by the Acton Health Dept.
2. The Acton Fire Dept. will be notified of the storage/use of flammable/combustible materials.



## INTRADEPARTMENTAL COMMUNICATION

Acton Board of Health - Telephone (978) 264-9634

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FROM: Justin T. Snair *JS*  
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**ACTON BOARD OF HEALTH**

**APPLICATION for HAZARDOUS MATERIALS REVIEW SHEET**

BOH Agent: J. Snain  
Legal Name of Facility or Establishment: Spring Hill Commons WTF  
Site Address: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
Business Telephone: \_\_\_\_\_  
Corporate Officers: \_\_\_\_\_  
Emergency Contact Person: \_\_\_\_\_  
Emergency Telephone (Day): \_\_\_\_\_ Emergency Telephone (Night): \_\_\_\_\_  
Type of Business: \_\_\_\_\_

All Hazardous Materials and Waste and Amounts listed on Hazardous Materials and Hazardous Waste Inventory Sheet.

Copies of the Material Safety Data Sheets (MSDSs) for all chemicals listed on the Estimated Annual Throughput Sheet

An Emergency or Contingency Plan in case of any accidental spill

A site plan of the premises, including the area where all chemicals are stored.

Copies of all hazardous waste transport manifests to demonstrate that proper disposal measures are being taken. If manifests are not required by state or federal law, some other proof of proper disposal shall be submitted.

- |   |   |
|---|---|
| <input type="checkbox"/> MA Haz. Waste Mgt. Act (MGL ch 21 C) | <input type="checkbox"/> SPCC (Title 40 CFR 109, 110, 112)      |
| <input type="checkbox"/> MA Clean Water Act (MGL ch 21 S. 26) | <input type="checkbox"/> FIFRA (7 USSI 36)                      |
| <input type="checkbox"/> RCRA (42 USCS 6901)                  | <input type="checkbox"/> FIFRA (7 USSI 36)                      |
| <input type="checkbox"/> Clean Air Act (42 USCS 1857)         | <input type="checkbox"/> Safe Drinking Water Act (42 USCS 300f) |
| <input type="checkbox"/> Clean Water Act (33 USCS 1251)       | <input type="checkbox"/> TSCA (15 USCS 2601)                    |

55 gal Largest Amount (lb, Kg, Gals) of Hazardous Materials or Waste accumulated/stored on site

Check which applies: (see table on page 2)  
Very Small Quantity \_\_\_\_\_ Small Quantity  Large Quantity \_\_\_\_\_

	Very Small Quantity (VSQG)	Small Quantity (SQG)	Large Quantity (LQG)
Total Waste Generated Monthly	Less than 220 lbs (27 gal.)	More than 220 lbs but less than 2,200 lbs (270 gal.)	Greater than 2,200 lbs
Acute Waste	None Allowed	Less than 1Kg. (2.2 lbs)	More than 1 Kg.
Accumulation	2,000 lbs (270 gal.)	13,000 lbs (1,600 gal.)	No limit
Storage Time Limit	Indefinitely	Less than 180 days	Less than 90 days

### Type(s) of Permits Needed:

#### Categories

- remedial action following a discharge: [# 5 (*discharge*), # 6 (*remediation*)]
- small or large scale generator (or > 100 kg/220 lbs/25 gal/mo: material or waste):  
[generator: # 3 (*mat.*); # 1 (*waste*) (*lrg.*), # 2 (*waste*) (*sm.*)][user: # 4 (*mat.*), # 7 (*waste*)]
- storage (> 25 gal or lb) > 24 hrs: [# 8, # 9 (*mat.*), # 12, # 13 (*waste*)]
- storage, use, generation of *extremely* hazardous material
- storage of hazardous material or waste *overnight in trucks*
- storage of prepackaged hazardous material (> 50 gal or lb): [# 10 (*lrg.*), # 11 (*sm.*)]
- UST storage of flammable or combustible materials
- Is UST alarmed.
- change in material stored
  - removal of underground tank

	<u>Initial</u>	<u>Renewal</u>
	\$	\$
<del>1.</del> Large Hazardous Waste Generator	130	55
<del>2.</del> Small Hazardous Waste Generator	50	35
<del>3.</del> Hazardous Materials Generator	130	55
<u>4.</u> Hazardous Materials User	50	35
<del>5.</del> Remediation Discharge Permit	505	115
<del>6.</del> Remediation Permit	505	115
<del>7.</del> Hazardous Waste User	130	55
<del>8.</del> Hazardous Materials Storer Large Industry	430	195
<u>9.</u> Hazardous Materials Storer Small Industry	315	130
<del>10.</del> Hazardous Materials Storer Large Retail	375	140
<del>11.</del> Hazardous Materials Storer Small Retail	270	115
<del>12.</del> Hazardous Waste Storer Small Industry	130	55
<del>13.</del> Hazardous Waste Storer Retail	50	35
<del>14.</del> Hazardous Waste Storer Large Industry	50	35

Sensitive Receptors (wetlands, streams, lakes, rivers, aquifer protection zones)

If Yes, provide details: \_\_\_\_\_

**\*Aquifer Location:**

- well protection [1]
- recharge protection [2]
- aquifer protection [3]
- watershed protection [4]

**\*Watershed District:**

- Fort Pond
- Nashoba Brook

*\*Maps available at Acton Health Department.*

\_\_\_\_\_ The presence of a representative from company at the Board of Health meeting during the application Review

**Recommended Conditions:**

4, 9

**Notes: (Categories, Total Fees)**

Signature/Date: \_\_\_\_\_

J. Inari



## ACTON BOARD OF HEALTH

Douglas Halley  
Health Director

472 Main Street  
Acton, MA 01720

Telephone 978-264-9634  
Fax 978-264-9630

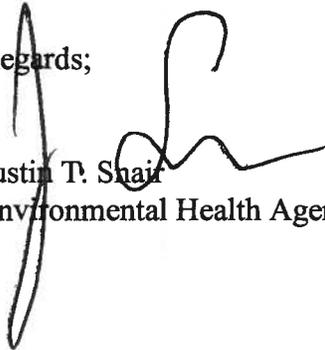
To Whom It May Concern;

The office of the Acton Board of Health is in receipt of your application for a Hazardous Material Control Permit. The following required information was missing and must be submitted before permitting may take place:

- Copies of Material Data Safety Sheets for all chemicals listed on application
- Disclosure of all chemicals on site with quantities >25 gals or pounds. \
- Chemicals and amounts involved in alkalinity adjustment must be included.
- Chemicals and amounts involved in de-nitrification must be included
- Copy of Emergency or Contingency Plan for site
- A site plan of outside premises detailing any notable downhill gradients, any above ground water sources with in 100' of facility, and note Aquifer protection area.
- Description of Hazardous Material Use/Process for facility.

Additionally, please complete the enclosed Application for Initial Hazardous Materials Permit and submit it to the Acton Board of Health office with the aforementioned information.

Regards;

  
Justin T. Shair  
Environmental Health Agent



**NORFOLK·RAM**  
ENGINEERING SOLUTIONS  
FOR THE ENVIRONMENT

**RECEIVED**

May 5, 2008

MAY 08 2008

Town of Acton  
Department of Public Health  
472 Main Street  
Acton, Massachusetts 01720

**ACTON BOARD OF HEALTH**

Attention: Justin T. Snair

RE: Hazmat Application  
Spring Hill Commons, Acton, MA

Dear Justin,

I am writing in response to your request for additional items necessary to complete the hazmat application for Spring Hill Commons.

On site there is one 55-gallon drum of methanol, which is stored in the Methanol Storage room as indicated in the site layout.

A site plan with the general layout of the site including storage area of materials/waste, spill kits, and exits is attached.

Emergency contact numbers and procedures are posted inside the Control Room as well as on the outside of the Control Room door. The Methanol Storage area is labeled on the door with a placard stating the material type and the safety equipment required. Material Safety Data Sheets are available on site. Please contact Jeremiah Murphy of WhiteWater Inc. at (888) 377-7678 to arrange a site visit.

Sincerely,  
Norfolk Ram Group, LLC

John B. McAllister  
Project Engineer

CC: Jeremiah Murphy, WhiteWater Inc.

Attachments: Treatment Building Floor Plan, Spring Hill Commons