



**Town of Acton**  
**Department of Public Health**  
472 Main Street  
Acton, MA 01720  
Telephone: (978) 929-6632  
Fax: (978) 929-6340

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July 23, 2013

To: Acton Board of Health

From: Acton Health Department

Subject: Hazardous Material Application – Pulte Homes, Quail Ridge Treatment Plant

Dear Board Members,

This letter is in regards to a new waste water treatment plant located in the maintenance building at Quail Ridge which will be servicing the new homes built by Pulte Homes. The treatment plant requires a hazardous material permit for multiple chemicals. The treatment plant has been designated categories of 4: “Hazardous Material User” and 9: “Hazardous Material Storer Small Industry,” and is recommended by the Acton Health Department for permitting under the following conditions:

1. 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.
2. All Material Safety Data Sheets (MSDS) 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.
3. 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.
4. 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 retained and available upon request.
8. Speedy Dry, or its equivalent, shall be kept in the storage area, in case of a Hazardous Materials or Wastes spill.

11. 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.
13. A safety eye wash station shall be installed where any Hazardous Materials or Wastes are handled or used.
14. A fire extinguisher, containing an appropriate fire extinguishing agent, shall be placed in the Hazardous Materials Storage area.
15. No food or drink shall be stored or consumed in any area where Hazardous Materials are stored or used.
18. D.E.P. Generator Registration shall be provided annually upon renewal of the Hazardous Materials Storage Permit.
25. Prior to any new chemical or processes being used, the Board of Health shall be notified.
26. 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.

For more details, please see attached documentation from Andrew Stack of Coughlin Environmental Services, LLC.

Sincerely,



Evan Carloni,  
Public Health Inspector



ACTON BOARD OF HEALTH  
APPLICATION for INITIAL HAZARDOUS MATERIALS PERMIT

Legal Name of Facility or Establishment: Residences at Quail Ridge Condominium Trust  
Site Address: 354B Great Rd. & Skyline Drive, Acton, MA  
Mailing Address: c/o The Dartmouth Group, Inc., 4 Preston Ct., Suite 101, Bedford MA 01730  
Business Telephone: (781) 533-7200  
Corporate Officers: A. Phillip Lambert  
Emergency Contact Person: A. Phillip Lambert  
Emergency Telephone (Day): (781) 533-7200 Emergency Telephone (Night): (781) 533-7200  
Type of Business: Senior Housing Development

\*Aquifer Location:

- Well protection [1]  
 Recharge protection [2]  
 Aquifer protection [3] **ZONE 4**  
 Watershed protection [4]

\*Watershed District:

- Fort Pond  
 Nashoba Brook

\*Maps available at Acton Health Department.

Type(s) of Permits Needed:

- 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  
 Change in material stored  
 Removal of underground tank

Requirements: (Please ensure to include all required material before submission to Acton B.O.H)

- Complete Non-Waste and Waste Information (sections A and B)  
 M.S.D.S. for all chemicals listed on application  
 Emergency or contingency plan for an accidental spill  
 Site plan of premises showing areas where chemicals are stored (including tanks and piping), distance to roads or other buildings, unique slopes, arrow indicating north, and location of safety equipment. (see section C)  
 Copies of disposal manifests (or other documents) showing proper disposal measures of all chemicals listed.  
 Evidence of date(s) of purchase for all storage systems  
 Copies of all relevant documentation (permits and citations)  
 Certifying Endorsement

### A. Hazardous Material (Non-Waste) Inventory Information

Complete the table below for all non-waste inventory. Use additional pages if necessary.

Chemical/Common Name	Max. Qty (at any one time)	Container Size (single largest container)	Location(s) (see section C)
Foam Blast 476	<u>10</u> gal. ____ lbs. ____ cu. . ft.	<u>5</u> gal. ____ lbs. ____ . ft.	Q7
Citric Acid	<u>500</u> gal. ____ lbs. ____ cu. . ft.	<u>50</u> gal. ____ lbs. ____ cu. . ft.	M6
Sodium Hypochlorite 12.5%	<u>55</u> gal. ____ lbs. ____ cu. . ft.	<u>55</u> gal. ____ lbs. ____ cu. . ft.	W4
Sodium Bicarbonate	<u>1000</u> gal. ____ lbs. ____ cu. . ft.	<u>50</u> gal. ____ lbs. ____ cu. . ft.	P4
MicroC 2000	<u>110</u> gal. ____ lbs. ____ cu. . ft.	<u>55</u> gal. ____ lbs. ____ cu. . ft.	S7
	____ gal. ____ lbs. ____ cu. . ft.	____ gal. ____ lbs. ____ cu. . ft.	

### B. Hazardous Waste Inventory Information

(Hazardous Waste Generator Permit Application/Amendment)

Complete the table below for all waste inventory. Use additional pages if needed.

Name of Hazardous Waste	Treatment/Disposal Method(s) (Definitions provided on bottom of page)	Max. Qty. (at any one time)	Annual Qty. Generated	Location(s) (see Section C)
	____ Recycled on-site. ____ Treated on-site. ____ Shipped off-site for recycling/ treatment /disposal	____ gal. ____ lbs. ____ cu. ft.	____ gal. ____ lbs. ____ cu. . ft.	
	____ Recycled on-site. ____ Treated on-site. ____ Shipped off-site for recycling/treatment/disposal	____ gal. ____ lbs. ____ cu. . ft.	____ gal. ____ lbs. ____ cu. . ft.	
	____ Recycled on-site. ____ Treated on-site. ____ Shipped off-site for recycling/treatment/disposal	____ gal. ____ lbs. ____ cu. . ft.	____ gal. ____ lbs. ____ cu. . ft.	
	____ Recycled on-site. ____ Treated on-site. ____ Shipped off-site for recycling/treatment/disposal	____ gal. ____ lbs. ____ cu. . ft.	____ gal. ____ lbs. ____ cu. . ft.	
	____ Recycled on-site. ____ Treated on-site. ____ Shipped off-site for recycling/treatment/disposal	____ gal. ____ lbs. ____ cu. . ft.	____ gal. ____ lbs. ____ cu. . ft.	

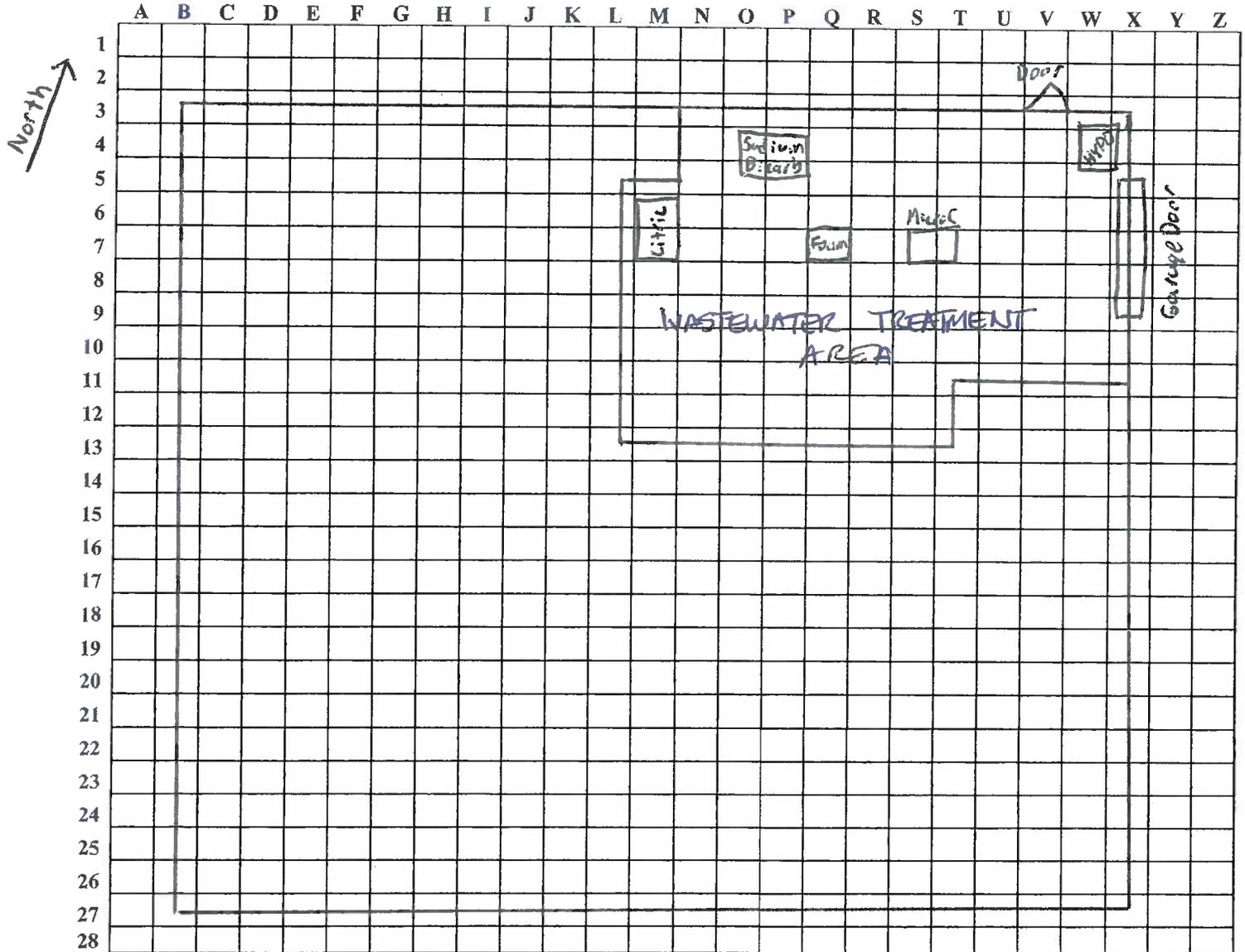
### C. Facility Site Plan/Storage Map

Prepare and submit with this Registration Form a simple site map which shows the following information:

- North direction • Street(s) adjacent to facility • Electrical, water, and gas shutoff valves
- Basic floor plan for each building containing hazardous materials/wastes which indicates building entrance(s) and hazardous material/waste storage locations (use grid locations or assign a code - A, B, C, etc. - to clearly identify each storage location for use in the above inventories).

Site Address: 354B Great Road & Skyline Drive City: Acton

Date Map Drawn: 7/11/2013



### D. Endorsement

I declare that the above information is true and correct to the best of my knowledge. I agree to comply with all applicable regulations regarding storage, handling, and disposal of hazardous materials and hazardous wastes.

DANIEL J. COUGHLIN  
Owner/Operator's Name (Print)

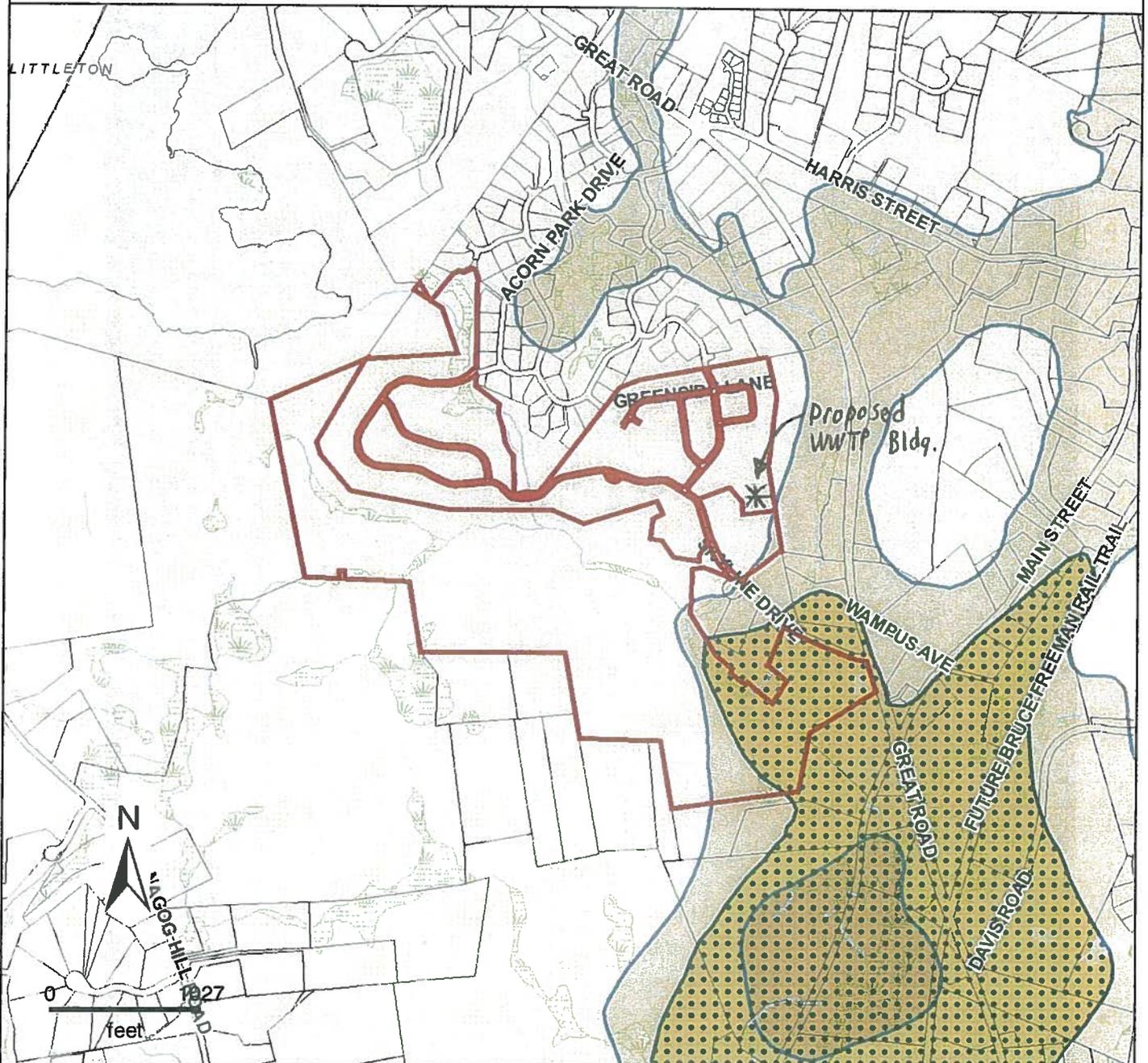
[Signature]  
Owner/Operator's Signature

7/8/13  
Date

----- Do Not Complete below This Line -----



Town of Acton GIS

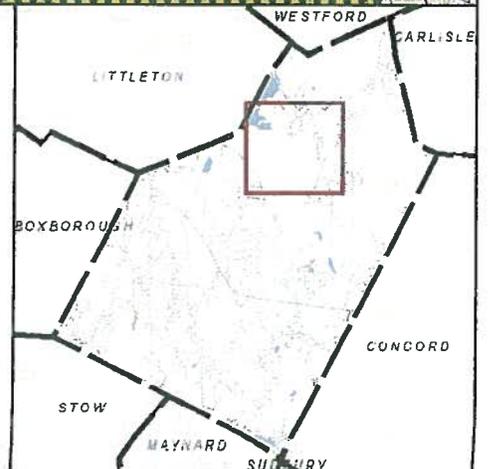


Property Information  
 Property ID D4-4  
 Location 354 GREAT RD



MAP FOR REFERENCE ONLY  
 NOT A LEGAL DOCUMENT

This data set/map is for planning purposes only and should not be used for larger scale analysis. The Town of Acton shall not be held liable for any use of the data or images shown on this map, nor is any warranty of accuracy expressed. All uses of this data set/map are subject to field verification.



**GROUNDWATER PROTECTION DISTRICTS**

 OVERLAPPING ZONE 2

ZONES

 ZONE 1

 ZONE 2

 ZONE 3

 ZONE 4

**NATURAL RESOURCES**

DEP RIVERS & STREAMS

DEP WETLANDS

 WET AREAS

PONDS

**BASE MAP**

 POOLS

STRUCTURES

 BUILDING

 DECK

 FOUNDATION

 FUEL TANK

 MOBILE

 PORCH

 RUINS

 SMOKESTACK

 WATERTANK

 SPORTS FACILITY / AREAS

**TOWN DATA**

POINTS OF INTEREST

 CONSERVATION

 HISTORICAL

 MUNICIPAL

 OTHER GOVERNMENT

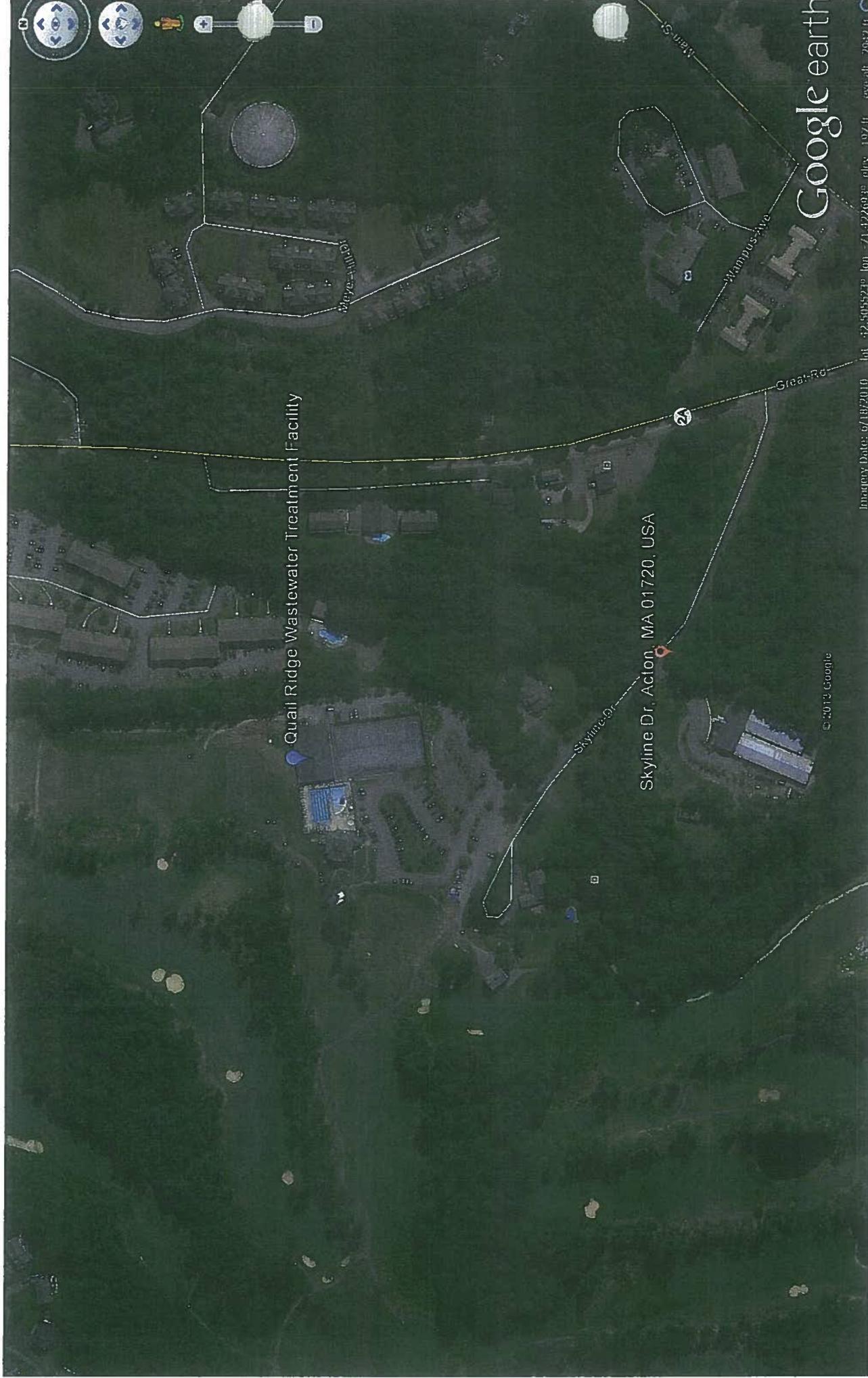
 PUBLIC SAFETY

 RECREATION

 SCHOOL

 PARCELS

 TOWN BOUNDARY



Quail Ridge Wastewater Treatment Facility

Skyline Dr, Acton, MA 01720, USA

Google earth

Imagery Date: 6/18/2010 lat 42.505523° lon -71.422693° elev 197 ft gwa alt 2042 ft

© 2013 Google

paid 2013

5/1/2013

Expires 5/1/2014  
Fee: 325.00

**TOWN OF ACTON  
PERMIT  
HAZARDOUS MATERIALS CONTROL BYLAW**

Is hereby granted a permit to store and use Hazardous Materials at **Quail Ridge Country Club, 354 Great Road, Acton, MA 01720**. This permit is granted with the conditions as noted on the attached list of conditions assigned to your facility.

Permit Categories: **2,4,8,**

\*See below explanation of permit categories

**HAZARDOUS MATERIALS CONTROL PERMIT CATEGORIES AND FEES**

<u>Category</u>	<u>Initial</u>	<u>Renewal</u>
1. Large Hazardous Waste Generator	\$160	\$65
2. Small Hazardous Waste Generator	\$60	\$45
3. Hazardous Materials Generator	\$160	\$65
4. Hazardous Materials User	\$50	\$45
5. Remediation Discharge Permit	\$575	\$140
6. Remediation Permit	\$595	\$140
7. Hazardous Waste User	\$160	\$65
8. Hazardous Materials Storer Large Industry	\$510	\$235
9. Hazardous Materials Storer Small Industry	\$360	\$160
10. Hazardous Materials Storer Large Retail	\$430	\$170
11. Hazardous Materials Storer Small Retail	\$305	\$160
12. Hazardous Waste Storer Small Industry	\$160	\$65
13. Hazardous Waste Storer Retail	\$60	\$45
14. Hazardous Waste Storer Large Industry	\$160	\$65

## **HAZARDOUS MATERIALS CONTROL PERMIT**

### **List of Conditions:**

**Quail Ridge Country Club (QRCC)  
354C Great Road  
Acton, MA 01720**

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Pursuant to the authority of Chapter I - Hazardous Materials Control Bylaw - of the Town of Acton's General Bylaws, the Board of Health has considered your application and plans submitted therewith, and has determined that the materials to be stored, used or generated, are within the scope of said bylaw. The Board of Health hereby orders that the following conditions are necessary and all storage, use or generation must be performed in strict conformance herewith:

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1. 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.
2. 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.
3. 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.
4. 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.
5. All Hazardous Wastes must be disposed of by a Licensed, D.E.P. approved, hauler or be recycled on site.
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.
11. 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.

12. No hazardous Materials or Wastes shall be discharged into a sink or toilet.
13. A safety eye wash station shall be installed where any Hazardous Materials are handled or used.
14. A fire extinguisher, containing an appropriate fire extinguishing agent, shall be placed in the Hazardous Materials Storage area.
15. No food or drink shall be stored or consumed in any area where Hazardous Materials are stored or used.
23. Directions written in two languages, English and a second language used by two or more employees(where applicable), shall be posted in clear view, listing emergency procedures.
24. Visual monitoring of all spill containment vaults and tanks shall be made every six months with a log of the inspections kept on site and a report given to the Board of Health if any spill containment vaults or tanks have received any Hazardous Materials spills since the last inspection.
25. Prior to any new chemical or processes being used, the Board of Health shall be notified.
26. 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.
27. Fertilizer stored in the maintenance garage shall be kept in a separate, locked, fenced area, which shall include secondary containment systems for any liquid fertilizer products.