

Appeal Period Expires 1/2/14  
 Zoning District RPD-I

**Town of Essex, Vermont**  
**Application for Zoning Permit**  
 www.essex.org

Application Date 1/1/13  
 Permit Number 2013-189

All construction is to be completed in accordance with the Town of Essex Zoning Regulations and any/all federal or state regulations now in effect. You are required to post this permit in a conspicuous location on the property during the appeal period and it must remain posted throughout the construction period. **You are required to contact the necessary state agencies to obtain state permits @ 879-5676.**

Any interested person may appeal the decision of the Zoning Administrator to the Zoning Board of Adjustment within fifteen (15) days of the permit's date of issuance. Commencing construction within this fifteen (15)-day appeal period is prohibited by law.

Signed: [Signature]

**A** Parcel Account Numb. (Map-Parcel-Lot) 2-072-001-000  
 (found in Town Assessor's Office)  
 Property Address: 30-42 Allen Martin Drive  
 Owner: The Miller Realty Group, LLP  
 Owner Address: 599 Avenue D Williston, VT 05495  
 Owner Phone: (work) 864-5830 (home) \_\_\_\_\_  
30783274 (cell) 5783274 bmiller@rem-development.com  
 Contractors name: S.D. Ireland Brothers, Corp. Phone: 863-6222  
Randy Laframbly Cell: \_\_\_\_\_  
 Estimated Construction Dates: Start: 1/6/14 Completion: 1/6/15  
 Sq. Feet: 420,000 sf Estimated Cost (labor & materials): \$ over 4K

**B** Sewage Disposal (Please attach Sewer or Septic Application) WW-4-1602-2  
 Public  Private  Connection Fee \$2,000 Date Paid: 12/18/13  
 Proposed New Bedrooms: \_\_\_\_\_ Existing Bedrooms \_\_\_\_\_

**C** Water (Please attach Water Service Application). WW-4-1602-2  
 Public  Private  Fee \$ 2,000 Date Paid: 12/18/13

**D** Driveway (Please attach copy of approved Curbcut / Utility Application).  
 Date of approval 1/1/13 sent to P.W.

**E** Stormwater  
 Project disturbs an area greater than or equal to 1 acre – Erosion Control Permit Required. Attach completed permit application.  
 Project creates new or expands existing impervious surface greater than or equal to 1/2 acre – Erosion Control Permit and Stormwater Management Permit required. Attach completed permit application.

**F** Diagram – Show a sketch of project on reverse of this application with property lines, building, and setbacks or attach separate sheet. (Instruction sheet available upon request.)  
 See approved plans. All construction shall be as approved by Planning Commission approval # PC: 2013-20.  
Blk 1 = 24 Allen Martin Dr  
Blk 2 = 30 Allen Martin Dr  
Blk 3 = 42 Allen Martin Dr

**G** Signature of Tenant and Signature of Owner [Signature]

**G**  
 Check box(es) which describe proposed use or construction (circle choice in parenthesis).  
 N = New A = Addition R = Remodel

<i>Residential:</i>	N	A	R
Single Family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Two-family (duplex)(other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multi-family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Condominium / Townhouse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Inclusions or Additions:</i>			
Garage (attached) (detached)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deck	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pool (in) (above) ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barn (residential) (agriculture)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Non-residential:</i>			
Commercial <u>(Industrial)</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Stormwater:</i>			
Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Other:</i>			
Change in use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Miscellaneous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*3 comm. bldgs*  
*20180,000sf*  
*1 @ 60,000sf*

**Office Use Only**

Fees	Type	Amount	Date Pd
Permit		<u>\$4,000</u>	<u>12/18/13</u>
Recreation		<u>\$</u>	<u>1/1/13</u>
Recording		<u>\$20.00</u>	<u>12/18/13</u>
Certificate of Occ		<u>\$75.00</u>	<u>1/1/13</u>
Other Traffic		<u>\$14,400</u>	<u>1/1/13</u>

**Building Permit**  
 Approved  Rejected  Date 12/18/13  
 Issued to The Miller Realty Group, LLP  
 Zoning Administrator: Sharon L. Kelly  
 Notes: Energy code instructions given - booklet provided.

C.O. Required Yes  No

**THIS PERMIT VALID FOR TWELVE (12) MONTHS FROM DATE OF ISSUE**  
 Dec. 17, 2014 - permit renewed for 1 year. Applicant to pay additional fees for buildings 2+3 at time of construction. This permit expires Dec. 17, 2015. (SK)



# State Erosion Control Permit

## Notice of Authorization

Under Vermont Construction General Permit 3-9020  
For Low Risk Projects



<b>Project Name:</b> Allen Martin Drive	<b>Notice of Intent Number:</b> 3308-9020
<b>Permittee Name:</b> The Miller Realty Group, LLP	<b>Date of Authorization:</b> 7/18/2013
	<b>Date of Expiration:</b> 7/18/2015

**The project listed above has received authorization under General Permit 3-9020 to discharge stormwater from the following construction activities:**

Demolition of one (1) existing building and construction of three (3) new commercial/industrial buildings. Construction of this project will be phased.

**This authorization includes the following requirements:**

1. Implementation of erosion prevention and sediment control practices required by the Low Risk Site Handbook for Erosion Prevention and Sediment Control.
2. All areas of disturbance must have temporary or final stabilization within **14 days** of the initial disturbance. After this time, all disturbed soil must be stabilized at the end of each work day. Between October 15 and April 15 all disturbed soil must be stabilized at the end of each work day. The following exceptions apply:
  - a. Stabilization is not required if work is to continue in the area within the next 24 hours and there is no precipitation forecast for the next 24 hours.
  - b. Stabilization is not required if the work is occurring in a self-contained excavation (i.e. no outlet) with a depth of 2 feet or greater (e.g. house foundation excavation, utility trenches).
3. No more than **7 acres** of land may be disturbed at any one time.
4. All Discharges of Stormwater must pass through at least 50 ft of vegetated buffer before reaching receiving waters.
5. Inspections shall be conducted at least once every (7) calendar days and within twenty-four (24) hours of the end of a storm event resulting in discharge of Stormwater from construction site.
6. If there is a discharge of visibly discolored stormwater from the construction site or from the construction site to waters of the State, the permittee shall take immediate corrective action.
7. If, after completing corrective action, there continues to be a discharge of sediment from the construction site to waters of the State, the permittee shall notify DEC by submitting a report within 72 hours of the discharge.

To request information on this authorization, or to report compliance concerns, please contact:

**Vermont DEC, Watershed Management Division  
Main Building, Second Floor  
One National Life Drive  
Montpelier, VT 05620-3522  
(802) 828-1535**

[See next page for posting requirements]

**Permittee Directions for Posting:**

This notice shall be placed near the construction entrance at a location visible to the public. If displaying near the main entrance is infeasible, the notice shall be posted in a local public building such as the town hall or public library. For linear projects, the notice shall be posted at a publicly accessible location near the active part of the construction project (e.g., where a pipeline project crosses a public road).

Received June 18, 2013 AKC

**Notice of Intent (NOI)**  
for Stormwater Discharges Associated with  
Construction Activity on

*For Department Use Only*  
NOI Number: 3308-9020

**Low Risk Sites**



Under Vermont Construction General Permit 3-9020

Submission of this completed Notice of Intent (NOI) constitutes notice that the entity in Section A intends to be authorized to discharge pollutants to waters of the State, from the project identified in Section C, under Vermont's Construction General Permit (CGP). Submission of the NOI constitutes notice that the party identified in Section A of this form has read, understands, and meets the eligibility conditions of the CGP; has determined that the project qualifies for coverage as a Low Risk project in conformance with Appendix A of the CGP; agrees to comply with all applicable terms and conditions of the CGP; understands that continued authorization under the CGP is contingent on maintaining eligibility for coverage; and that all applicable practices in the Low Risk Site Handbook for Erosion Prevention and Sediment Control must be implemented and maintained for the duration of construction activities. In order to be granted coverage, all information required on this form must be provided and an application fee of \$50 payable to the State of Vermont must be submitted.

**A. Landowner Information**

1a. Name: The Miller Realty Group, LLP 1b. Contact (if applicable): Bob Miller  
2. Mailing Address  
a. Street/P.O. Box: 599 Avenue D  
b. City/Town: Williston c. State: Vermont d. Zip: 05495  
3. Contact Information  
a. Phone: 864-5830 b. Fax: 864-4172 c. Email: bmillier@rem-development.com

**B. Principal Operator Information (if known)**

1. Name: to be determined  
2. Mailing Address  
a. Street/P.O. Box: \_\_\_\_\_  
b. City/Town: \_\_\_\_\_ c. State: Vermont d. Zip: \_\_\_\_\_  
3. Contact Information  
a. Phone: \_\_\_\_\_ b. Fax: \_\_\_\_\_ c. Email: \_\_\_\_\_

**C. Application Preparer Information (if applicable)**

1a. Name: Lamoureux & Dickinson Consulting Engineers, Inc. 1b. Contact (if applicable): Andrew Rowe  
2. Mailing Address:  
a. Street/P.O. Box: 14 Morse Drive  
b. City/Town: Essex c. State: Vermont d. Zip: 05452  
3. Contact Information  
a. Phone: 878-4450 b. Fax: 878-3135 c. Email: Andy@LDengineering.com

See Filing Directions for Low Risk Projects

**D. Project Information**

1. Project Name: Allen Martin Drive, Essex

2a. Is this project part of a Common Plan of Development<sup>1</sup>?  Yes  No

2b. If Yes, Name of Development: \_\_\_\_\_

3a. Does this project have any previously issued or pending stormwater discharge permits?  Yes  No

3b. If Yes, Prior NOI Number(s): 3308-9010.R

4. Location Address

a. Street: 30-42 Allen Martin Drive b. City/Town: Essex

c. Latitude: 44 ° 29 ' 57 " d. Longitude: 73 ° 02 ' 46 " e. County: Chittenden

☞ Use DEC's Waterbody Identification (WBID) ArcGIS webpage ([click here](#)) to answer questions 5 and 6 below.

5. Name of receiving water(s)<sup>2</sup>: VT08-04 (Sand Hill Brook) 6. Include a topographic location map.

7. Project Type:  Residential  Commercial  Industrial  Other: \_\_\_\_\_

8. Total Area of Disturbance: 32 acres 9. Description of construction activities to be permitted (below):  
 Demolition of one existing building and construction of three new commercial/industrial buildings. Construction of this project will be phased.

**E. Public Notice Requirement**

You must provide a copy of this complete NOI form to the municipal clerk for posting in the municipality in which the project is located. If the project and the related discharge(s) are located in different municipalities, then the completed NOI must be filed with the municipal clerk in each municipality. The municipal clerk must post the completed NOI. In order to be considered complete, you must include the date of posting.

Date of Posting at Municipal Office(s): JUNE 17, 2013

Information for the Municipal Clerk regarding posting instructions can be found on **Page 4** of this NOI.

**F. Certification Relating to the Accuracy of the Information Submitted**

I hereby certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I also certify that the applicable practices in The Low Risk Site Handbook for Erosion Prevention and Sediment Control will be implemented for the duration of the project for which this NOI is submitted.

Landowner Name: Robert Miller Title: authorized agent

Signature: [Signature] Date: 6-12-13

Principal Operator: \_\_\_\_\_ Title: \_\_\_\_\_  
 (if known)

Signature: [Signature] Date: 06/14/13

Application Preparer: Andrew Rowe Title: plan preparer  
 (if applicable)

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

<sup>1</sup>"Common Plan of Development" is defined within the CGP 3-9020, Appendix C – Definitions, page A-12  
<sup>2</sup>"Waters of the State" (i.e. receiving water) is defined within the CGP 3-9020, Appendix C – Definitions, page A-16

*For Department Use Only*

**VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION AUTHORIZATION TO DISCHARGE**

A determination has been made that the proposed construction activities qualify for coverage under General Permit 3-9020 (amended 2008) as a Low Risk project. Subject to the conditions of General Permit 3-9020 (amended 2008) the applicant is hereby authorized to discharge stormwater runoff from a construction site as described in this Notice of Intent Number 3308-9020.

Dated this 18th day of July, 2013

David K. Mears, Commissioner Department of Environmental Conservation

By: Padraic Monks  
Padraic Monks, Program Manager  
Stormwater Program

### **PUBLIC COMMENT**

Public comments concerning this Notice of Intent to discharge under CGP 3-9020 (amended 2008) are invited and must be submitted within 10 days of receipt of this Notice by the Municipal Clerk. Comments should address how the application complies or does not comply with the terms and conditions of CGP 3-9020 (amended 2008). A letter of interest should be filed by those persons who elect not to file comments but who wish to be notified if the comment period is extended or reopened for any reason. All written comments received within the time frame described above will be considered by the Department of Environmental Conservation in its final ruling to grant or deny authorization to discharge under CGP 3-9020 (amended 2008). Send written comments to:

Vermont Department of Environmental Conservation  
Watershed Management Division, Stormwater Program  
1 National Life Drive, Main Building Second Floor  
Montpelier, VT 05620-3522

*Please cite the NOI number in any correspondence.*

### **APPEALS**

#### **Renewable Energy Projects – Right to Appeal to Public Service Board**

If this decision relates to a renewable energy plant for which a certificate of public good is required under 30 V.S.A. §248, any appeal of this decision must be filed with the Vermont Public Service Board pursuant to 10 V.S.A. §8506. This section does not apply to a facility that is subject to 10 V.S.A. §1004 (dams before the Federal Energy Regulatory Commission), 10 V.S.A. §1006 (certification of hydroelectric projects) or 10 V.S.A. Chapter 43 (dams). Any appeal under this section must be filed with the clerk of the Public Service Board within 30 days of the date of this decision. For further information, see the Public Service Board website at <http://psb.vermont.gov> or call (802) 828-2358. The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701.

#### **All Other Projects – Right to Appeal to Environmental Court**

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available online at [www.vermontjudiciary.org](http://www.vermontjudiciary.org) or call (802) 828-1660. The address for the Environmental Court is 2418 Airport Road, Suite 1, Barre, Vermont 05641.

A copy of CGP 3-9020 (amended 2008) may be obtained by calling (802) 828-1535; by visiting the Department at the above address between the hours of 7:45 am and 4:30 pm; or by download from the Watershed Management Division's Web site at: [www.vtwaterquality.org](http://www.vtwaterquality.org).

### **INFORMATION FOR MUNICIPAL CLERK**

10 V.S.A. Chapter 47 §1263(b) provides for the public notice of an applicant's intent to discharge stormwater runoff associated with construction activity. Please post this notice and instruction sheet in a conspicuous place for 10 days from the date received. If you have any questions, contact the Watershed Management Division of the Department of Environmental Conservation at (802) 828-1535.

**Submit this form and the \$50 fee to:**

**Vermont Department of Environmental Conservation  
Watershed Management Division, Stormwater Program  
1 National Life Drive, Main Building Second Floor  
Montpelier, VT 05620-3522**

**WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT****LAWS/REGULATIONS INVOLVED**

10 V.S.A. Chapter 64, Potable Water Supply and Wastewater System Permit  
Wastewater System and Potable Water Supply Rules, Effective September 29, 2007  
Chapter 21, Water Supply Rules, Effective December 1, 2010.

**Landowner(s):** The Miller Realty Group, LLP  
599 Avenue D  
Williston VT 05495

**Permit Number:** WW-4-1602-2  
**PIN:** EJ95-0087.02

This permit affects property identified as Town Tax Parcel ID # Essex: 2072001000, 207200200 referenced in a deed recorded in Book 897, 897 Page(s) 747, 747 of the Land Records in Essex, Vermont.

This project, consisting of amending a previously approved project (WW-4-1602 and WW-4-1602-1) to demolish existing building and construct Building #1 (60,000 sf) with a maximum of one hundred (100) employees, Building 2 (180,000 sf) with two hundred ten (210) employees and Building #3 (180,000) with two hundred ten (210) employees, construction of new water main and water service lines, wastewater collection system and service lines, served by municipal water supply services and municipal wastewater disposal services located on Allen Martin Drive in Essex, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions.

**1. GENERAL**

- 1.1 The project shall be completed as shown on the following plans and/or documents prepared by Andrew Rowe, P.E. of Lamoureux & Dickinson with the stamped plans listed as follows:

Sheet Number	Title	Plan Date	Plan Revision Date
1	Proposed Overall Site Plan	5/31/2013	
2	Existing Conditions Plan	5/31/2013	8/15/2013
3	Utility & Grading Plan Building #1	5/31/2013	10/25/2013
4	Utility & Grading Plan Building #2 South	5/31/2013	11/13/2013
5	Utility & Grading Plan Building #2 & #3 Loading	5/31/2013	8/15/2013
6	Utility & Grading Plan Building #3 North	5/31/2013	10/25/2013
11	Sewer & Storm Details	5/31/2013	6/28/2013
12	Water, Landscaping & Erosion Control Details	5/31/2013	

- 1.2 This permit does not relieve the landowner from obtaining all other approvals and permits PRIOR to construction including, but not limited to, those that may be required from the Act 250 District Environmental Commission; the Drinking Water and Groundwater Protection Division; the Watershed Management Division; the Division of Fire Safety; the Vermont Department of Health; the Family Services Division; other State departments; or local officials.
- 1.3 The conditions of this permit shall run with the land and will be binding upon and enforceable against the landowner and all assigns and successors in interest. The landowner shall record and index this permit in the Essex Land Records within thirty, (30) days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.4 The landowner shall record and index all required installation certifications and other documents that are required to be filed under these Rules or under a specific permit condition in the Essex Land Records and ensure that copies of all certifications are sent to the Secretary.





- 1.5 No permit issued by the Secretary shall be valid for a substantially completed potable water supply and wastewater system until the Secretary receives a signed and dated certification from a Vermont Licensed Designer that states:

*"I hereby certify that, in the exercise of my reasonable professional judgment, the installation-related information submitted is true and correct and the potable water supply and wastewater system were installed in accordance with the permitted design and all the permit conditions, were inspected, were properly tested, and have successfully met those performance tests",*

or which otherwise satisfies the requirements of §1-308 and §1-911 of the referenced rules.

- 1.6 This project is approved for the demolition of an existing building and the construction of Buildings 1, 2 and 3 and associated infrastructure on the existing 51.73 acre lot.
- 1.7 Construction of additional nonexempt buildings, including commercial and residential buildings, is not allowed without prior review and approval by the Drinking Water and Groundwater Protection Division and such approval will not be granted unless the proposal conforms to the applicable laws and regulations. No construction is allowed that will cause non-compliance with an existing permit.
- 1.8 Each purchaser of any portion of the project shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s), if applicable, prior to conveyance of any portion of the project to that purchaser.
- 1.9 By acceptance of this permit, the landowner agrees to allow representatives of the State of Vermont access to the property covered by the permit, at reasonable times, for the purpose of ascertaining compliance with the Vermont environmental and health statutes and regulations, and permit conditions.
- 1.10 Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

## 2. WATER SUPPLY

- 2.1 The components of the potable water supply herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 2.2 This project is approved for connection to the water supply system owned by the Town of Essex for a maximum of 7020 gallons of water per day.
- 2.3 This project is approved for connection to a public water system. The installation of the public water system shall be completed in accordance with the conditions of the Public Water System Permit to Construct PID# C-3005-13.0 WSID #5065 dated November 11, 2013 or any subsequent approvals for this system issued by the Drinking Water and Groundwater Protection Division.
- 2.4 The landowner shall install and maintain backflow prevention devices that conform to Vermont Department of Public Safety standards and NFPA 13 for any connection of a sprinkler fire suppression system to a public drinking water system.
- 2.5 This permit is based, in part, on a municipal approval for connection to their water distribution system. If the municipal approval expires, this permit shall be invalid unless the municipality renews its approval. If the municipality approval expires, a new permit must be issued for the project. An updated application form and an application fee will be required for the project. A new municipal approval letter shall be required. The rules in effect at the time of the filing of the application for a new permit will be applied to the project.

## 3. WASTEWATER DISPOSAL

- 3.1 The components of the sanitary wastewater system herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.



- 3.2 This project is approved for connection to the Town of Essex wastewater treatment facility as depicted on the plan(s) stamped by the Drinking Water and Groundwater Protection Division. The project is approved for a maximum of **6240** gallons of wastewater per day.
- 3.3 This project is approved with an existing building sewer line. The Drinking Water and Groundwater Protection Division assumes no liability for the adequacy of this sewer line. Should the line fail and not qualify for the minor repair or replacement exemption, the landowner shall engage a Licensed Designer to evaluate the cause of the failure and to submit an amendment application to this office prior to correcting the failure.
- 3.4 This permit is based, in part, on a municipal approval for connection to their wastewater treatment facility. If the municipal approval expires, this permit shall be invalid unless the municipality renews its approval. If the municipality approval expires, a new permit must be issued for the project. An updated application form and an application fee will be required for the project. A new municipal approval letter shall be required if the project is served by the municipal wastewater collection system. The rules in effect at the time of the filing of the application for a new permit will be applied to the project.

David K. Mears, Commissioner  
Department of Environmental Conservation

By Jessanne Wyman  
Jessanne Wyman, Regional Engineer  
Dated November 14, 2013

cc Essex Planning Commission  
Andrew Rowe/Lamoureux & Dickinson  
Drinking Water and Groundwater Protection Division-Public Water Program  
Watershed Management Division  
Act 250 District Environmental Commission-4C0329  
Department of Public Safety, Division of Fire Safety



# Stormwater permit

Permit Number 3308-9015  
Project ID Number EJ95-0087.02

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
AUTHORIZATION TO DISCHARGE UNDER  
GENERAL PERMIT 3-9015

A determination has been made that the applicant:

The Miller Realty Group, LLP  
599 Avenue D  
Williston, VT 05495

Impervious Area: 15.8 acres

meets the criteria necessary for inclusion under General Permit 3- 9015. Hereinafter the named applicant shall be referred to as the permittee. Subject to the conditions of General Permit No. 3-9015, the permittee is authorized to discharge stormwater from 30-42 Allen Martin Drive located on Allen Martin Drive in Essex, Vermont to Sand Hill Brook.

*Manner of Discharge: S/N001*

*Drainage Area 1: Stormwater runoff from all building rooftops piped to a series of drywells which infiltrate into groundwater in the Sand Hill Brook watershed.*

*DA#2: Stormwater runoff from the parking area and adjacent drives of building 3 is directed to a pretreatment basin then to two infiltration basins where it infiltrates into the Sand Hill Brook Watershed.*

*DA#3: Stormwater runoff from the loading area between buildings 2 and 3, the three southerly entrance drives to Allen Marin Drive and a portion of the existing drive is covered by a previous permit 3308-9010.R.*

*DA#4: Stormwater runoff from parking areas and adjacent drives between buildings 1 and 2 flows to a pretreatment basin and then to an infiltration basin where it infiltrates into the groundwater of the Sand Hill Brook watershed.*

*DA#5 & 6: Stormwater runoff from both sides of the parking area south of building 1 sheet flows into 2 separate pretreatment basins then to infiltration basins which infiltrate into the Sand Hill Brook watershed.*

*Design: This project shall be constructed and operated in accordance with the site plans and details designed by Lamoureux & Dickinson, Inc. (Sheet 1, Proposed Overall Site Plan; Sheet 2, Existing Conditions Plan; Sheet 3, Utility and Grading Plan Building #1; Sheet 4, Utility and Grading Plan Building #2 South; Sheet 5, Utility and Grading Plan Building #2 and #3 -Loading;*

Sheet 6, Utility and Grading Plan Building #3 North; Sheet 11, Sewer & Storm Details & Specifications; all dated 5/31/13; and supporting information).

By reference, the above noted plans are made part of this authorization.

#### Compliance with General Permit 3-9015 and this Authorization

The permittee shall comply with this authorization and all the terms and conditions of General Permit 3-9015, including the payment of annual operating fees to the Department. A billing statement for such fees will be sent to the permittee each year. The first year's statement is enclosed. Any permit non-compliance, including a failure to pay the annual operating fee, constitutes a violation of 10 V.S.A. Chapter 47 and may be grounds for an enforcement action or revocation of this authorization to discharge.

#### Transferability

This authorization to discharge is not transferable to any person except in compliance with Part VI.D. of General Permit 3-9015. A copy of General Permit 3-9015 is available from the Department via the internet at [http://www.anr.state.vt.us/dec/waterq/stormwater/docs/sw\\_3-9015-finalpermit.pdf](http://www.anr.state.vt.us/dec/waterq/stormwater/docs/sw_3-9015-finalpermit.pdf)

#### Changes to Permitted Development

In accordance with Part V.G. of General Permit 3-9015, the permittee shall notify the Department of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Department shall determine the appropriateness of continued inclusion under General Permit 3-9015 by the modified development or facility.

#### Annual Inspection and Report

The stormwater collection, treatment and control system shall be properly operated. The permittee shall submit an annual inspection report on the operation, maintenance and condition of the stormwater collection, treatment and control system. The inspection shall be conducted between the conclusion of spring snow melt and June 15th of each year and the inspection report shall be submitted to the Secretary by July 15th of each year, or by July 30th if performed by a utility or municipality pursuant to a duly adopted stormwater management ordinance. The inspection report shall note all problem areas and all measures taken to correct any problems and to prevent future problems.

#### Restatement of Compliance

An initial statement of compliance, signed by a designer, must be submitted to the Stormwater Management Program no later than 6 months following completion of construction of the stormwater management system. Then, every 3 years, the permittee shall submit to the Department a written statement signed by a designer that the stormwater collection, treatment and control system authorized herein is properly operating and maintained. The first re-statement of compliance is due August 14, 2016. Failure to submit a designer's restatement of compliance shall constitute a violation of General Permit 3-9015 and may result in the revocation of this authorization to discharge. Forms for completing this requirement are available on the Stormwater Management Program's website.

Recording in Land Records: The permittee shall record a one-page notice of issuance of this discharge permit in the local land records within fourteen (14) days of issuance of this authorization to discharge

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on the form provided by the Secretary, per §18-312 of Stormwater Management Rule. The permittee shall provide a copy of the recording to the Stormwater Management Program within fourteen (14) days of the permittee's receipt of the copy of the recording from the local land records.

Renewable Energy Projects – Right to Appeal to Public Service Board:

Any appeal of this decision must be filed with the clerk of the Vermont Public Service Board pursuant to 10 V.S.A. §8506 within 30 days of the date of this decision. The appellant must file with the Clerk an original and six copies of its appeal. The appellant shall provide notice of the filing of an appeal in accordance with 10 V.S.A. §8504(c)(2), and shall also serve a copy of the Notice of Appeal on the Vermont Department of Public Service. For information, see the Rules and General orders of the Public Service Board available on line at [www.psb.vermont.gov](http://www.psb.vermont.gov). The address for the Public Service Board is 112 State Street Montpelier, Vermont 05620-2701 (Tel. #802-828-2358).

All Other Projects – Right to Appeal to the Environmental Court

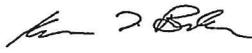
Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont. The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal. The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings. For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at [www.vermontjudiciary.org](http://www.vermontjudiciary.org). The address for the Environmental Court is 2418 Airport Road, Suite 1, Barre, VT 05641 (Telephone #802-828-1660).

Effective Date and Expiration Date of this Authorization

This authorization to discharge shall become effective on August 14, 2013 and shall continue until August 14, 2023. The permittee shall reapply for coverage at least sixty (60) days prior to August 14, 2023.

Dated this 14<sup>th</sup> day of August, 2013.

David K. Mears, Commissioner  
Department of Environmental Conservation

By   
for Padraic Monks, Stormwater Program Manager  
Stormwater Management Program

Digitally signed by Kevin F. Burke  
DN: cn=Kevin F. Burke, o=VT DEC, ou=Stormwater Management Program,  
email=Kevin.Burke@state.vt.us, c=US  
Date: 2013.08.14 09:06:37 -04'00'

Kevin F. Burke, Env. Analyst  
Stormwater Management Program

**NOTICE OF ISSUANCE OF STORMWATER DISCHARGE PERMIT  
BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

Notice is hereby given that an individual stormwater discharge permit or an authorization to discharge pursuant to a general stormwater discharge permit has been issued by the Vermont Department of Environmental Conservation to Permittee(s) named herein for the discharge of stormwater runoff from impervious surfaces (e.g. roadways, rooftops, parking lots, walkways) pursuant to 10 V.S.A. Section 1264 for the property identified below. The permit/authorization requires treatment and control of stormwater runoff, long-term maintenance of the treatment and control structures and payment of yearly operational fees.

\*\*\*\*\*

Permittee(s): \_\_\_\_\_

Permit/Authorization Number: \_\_\_\_\_

911 Address of Property: \_\_\_\_\_

Name of condominium, subdivision or planned community association (if applicable):  
\_\_\_\_\_

Signature of Permittee or Authorized Representative: \_\_\_\_\_

Printed Name of Permittee or Authorized Representative: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

\*\*\*\*\*

**Recording information:** Municipal clerks - please index this document listing the State of Vermont, Department of Environmental Conservation as "Grantee". Please index this document listing the above named Permittee(s) as "Grantor(s)". Additionally, if this notice lists the name of a condominium, subdivision or planned community association, please list the named association as an additional "Grantor".

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**TOWN OF ESSEX, VERMONT  
APPLICATION FOR CURB CUT / UTILITY PERMIT**

Pursuant to Title 19 V.S.A. Section 43. Application for curb cut and Utility Installation in Town Right-of-Way

All applications for curb cuts and utility installations shall be submitted to the Director of Public Works / Town Engineer for review. Applicants shall submit the information requested on this form and any additional information requested by the Director of Public Works / Town Engineer for a clear understanding of this application. The permit is issued under authority of the Town Manager in accordance with Section 601 of the Town Charter and 24 V.S.A. paragraph 1236 (2).

Application No. \_\_\_\_\_ / \_\_\_\_\_  
Date

Property Address: 30-42 Allen Martin Drive

Owner Address: 599 Avenue D Williston, VT 05495

Owner Name: The Miller Realty Group, LLP

Phone Number: (home) \_\_\_\_\_ (work) 864-5830 (cell) 578-3274

Tax Map # 0 7 2 Tax Parcel 0 0 1 Tax Lot 0 0 0

Application is for: (check one) TWO NEW CURBCUTS ON ALLEN MARTIN DR. ARE PROPOSED

A) New Curb Cut  B) Utility Installation: Overhead  Underground

Please use attached diagram to describe location and type of installation. SEE APPROVED SITE PLAN

Comments be Director of Public Works / Town Engineer: NO CULVERTS PROPOSED AT CURBCUTS

Culvert : Yes  No  Water Bar(s) : Yes  No

Culvert Diameter: (18 inch minimum) \_\_\_\_\_ Total length of Culvert: (30 foot minimum) \_\_\_\_\_

\*\*\* FOR OFFICE USE ONLY \*\*\*

Signature of Owner:



Fee Paid \$ AS NOTED *AKC*

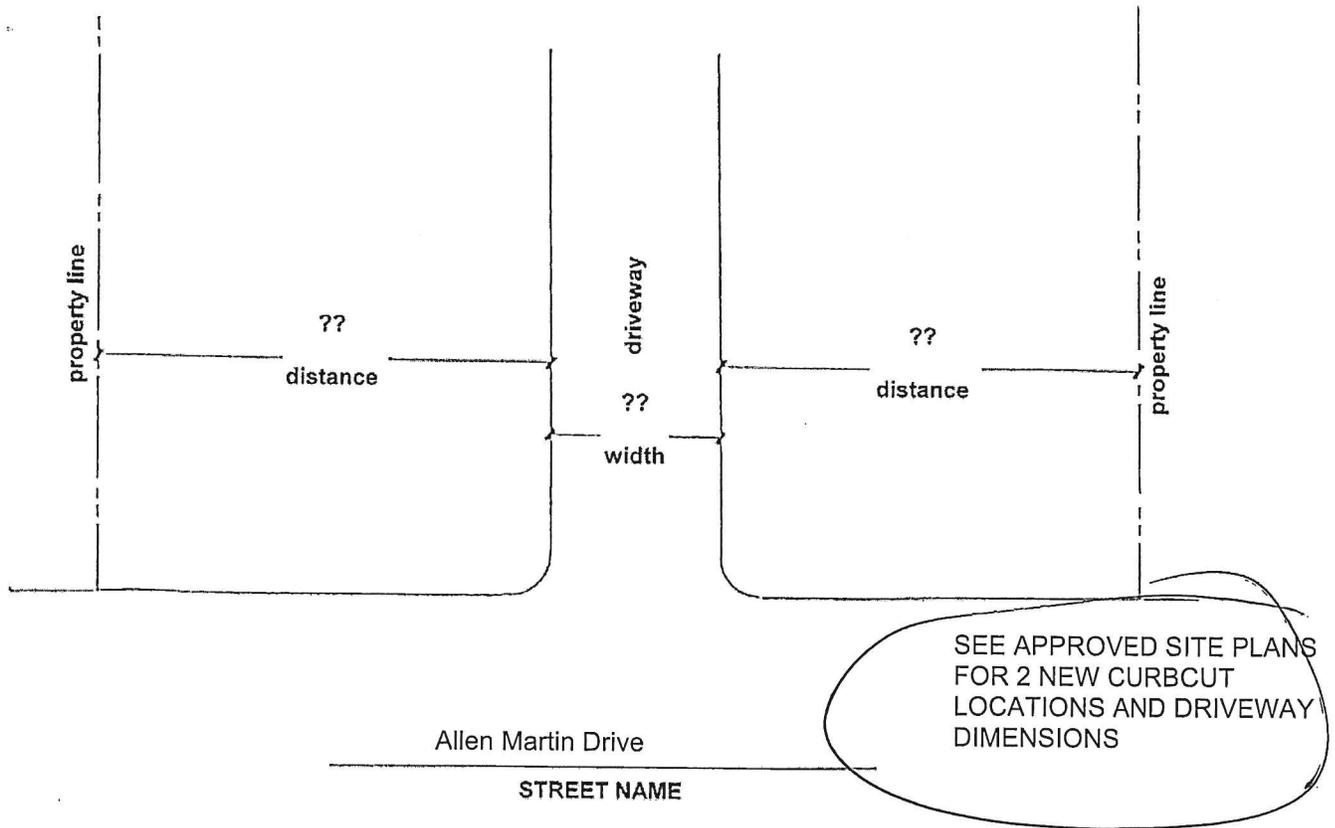
Approved  Rejected

*AKC* 1-2-14  
Per Authority of the Town Manager by the  
Director of Public Works / Town Engineer

1. Culvert must be HIGH DENSITY POLYETHYLENE (HDPE) PIPE
2. Culvert will be purchased by the Applicant
3. Culvert will be purchased and installed by the applicant. The Town of Essex Department of Public Works will inspect.

Note: A MINIMUM OF 24 HOURS NOTICE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS / TOWN ENGINEER FOR INSPECTION PURPOSES.





Comments and / or special instructions from Director of Public Works / Town Engineer :

• NO WORK WITHIN THE TOWN'S ROW ALONG ALLEN MARTIN DRIVE UNTIL SPRING. NO EXCEPTIONS.

• PROPER CONSTRUCTION SIGNS SHALL BE ERECTED PER THE MOST RECENT VERSION OF MUTCD DURING ALL CONSTRUCTION ON SITE AND WITHIN THE TOWN'S ROW.

**NOTE:** A MINIMUM OF 24 HOURS IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS / TOWN ENGINEER FOR INSPECTION PURPOSES.



**Town of Essex**  
**Application for Water Service**

Revised May 2013

The undersigned, being the owner / owner's agent of the property located at:

Street Address: 30-42 Allen Martin Drive Development: \_\_\_\_\_

Tax Map # 0 7 2 Tax Parcel 0 0 1 Tax Lot 0 0 0

Does hereby request a permit to initiate water service as noted below to  
serve \_\_\_\_\_ unit(s)  Residential  Commercial  Industrial structure

*hook up only  
for  
2 building  
(3rd bldg has a  
credit)*

Installer / Contractor:

Property Owner:

Name: S.D. Ireland Brothers, Corp

Name: The Miller Realty Group, LLP

Address: P.O. Box 2286 South Burlington, VT 05407

Address: 599 Avenue D Williston, VT 05452

Phone: 862-6222

Phone: 864-5830

Cell: \_\_\_\_\_

Cell: 578-3274 bmillier@rem-development.com

Firm Performing Main Line Tap: (Existing water services (2) extended onto project parcel)

Name: S.D. Ireland Brothers, Corp

Address: P.O. Box 2286 South Burlington, VT 05407

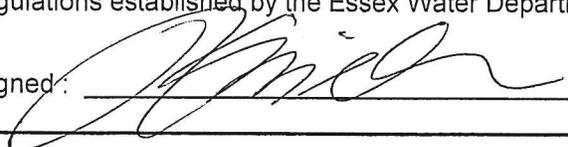
Phone: 863-6222

Cell: \_\_\_\_\_

- 1.) The above requested service includes the installation of a 3/4" x 5/8" water meter for residential use and up to a 2" simple meter for non-residential use. The information necessary to determine the correct meter size shall be supplied by the applicant (minimum to maximum range of use). Meters 5/8", 3/4" and 1" shall be installed by the Town. Meters above 1" shall be installed by the owner/applicant or qualified representative.
- 2.) Property owner / agent is responsible for and must provide all necessary excavation form the main to the building or structure.
- 3.) Property owner / agent agrees to provide the Town a minimum of 24 hours notice prior to installation for inspection purposes. No part of the water line may be covered until it has been inspected by the Town Representative.
- 4.) Property owner / agent agrees to restore all disturbed areas to original condition after the installation of said water service.
- 5.) The water service can be turned on only by an employee of the Town of Essex Water Department.
- 6.) Meter spacers must be obtained from the Town of Essex Water Department.
- 7.) The owner / agent agrees that all installation and work will conform to the Town Public Works Specifications and the Water Ordinance and Regulations of the Town of Essex.



8.) In consideration of water service supplied by the Town of Essex Water Department, I agree to be responsible for payment of all bills rendered and for all water used by me, my tenants, successors in tenancy or in ownership, and all persons at above locations, unless and until proper notice is given to the Town Water Department of termination of service on a specific date. I also agree to abide by all rules and regulations established by the Essex Water Department.

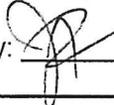
Signed:  Date: \_\_\_ - \_\_\_ - \_\_\_

PLEASE MAKE CHECK PAYABLE TO TOWN OF ESSEX WATER AND SEWER DEPARTMENT.  
DO NOT COMBINE WITH ZONING PERMIT FEE.

All water services are subject to a service initiation fee as set by the Water/Sewer Fee Schedule adopted by the Selectboard. The following fee schedule shall apply to all municipal water connections.

**FOR OFFICE USE ONLY:**

10 gallons/day x \$ 5.35 = \$ 1,000 + ~~\$1,000~~ = \$ 2,000.-

Connection Fee: \$ \_\_\_\_\_ Rcvd by:  Date: 12-30-12  Finance Notified

Approved by: AKM Date: 01-02-14  Letter Sent  Finance Notified

Inspected by: \_\_\_\_\_ Date: \_\_\_ - \_\_\_ - \_\_\_  Tie Drawing  Finance Notified

Meter Installed Date: \_\_\_ - \_\_\_ - \_\_\_

Master List Updated:  Approved  Inspected  Metered



# Town of Essex

## Application for Sewer Service

Revised May 2013

The undersigned, being the owner / owner's agent of the property located at:

Street Address: 30-42 Allen Martin Drive Development: \_\_\_\_\_

Tax Map # 0 7 2 Tax Parcel 0 0 1 Tax Lot 0 0 0

Does hereby request a permit to install and connect a building sewer to serve \_\_\_\_\_ unit(s)  Residential  Commercial  Industrial structure

hook up only  
for  
2 building  
(3rd building  
has a  
credit.)

Installer / Contractor:

Property Owner:

Name: S.D. Ireland Brothers, Corp,

Name: The Miller Realty Group, LLP

Address: PO Box 2286 South Burlington, VT 05407

Address: 599 Avenue D Williston, VT 05495

Phone: 863-6222

Phone: 864-5830

Cell: \_\_\_\_\_

Cell: 578-3274 bmillier@rem-development.com

The owner / agent agrees:

- a) That all work shall be in accordance with the Town Sewer Ordinance, the Town Public Works Specifications, and all other pertinent ordinances or regulations of the Town of Essex.
- b) To install and maintain the private building sewer at no expense to the Town.
- c) To notify the Public Works Office twenty four hours prior to the start of construction for inspection purposes. No part of the sewer line may be covered until it has been inspected by the Town Representative.
- d) To pay the sewer charges (construction and operations) which are billed as set forth in the water/sewer fee schedule.

Signed: \_\_\_\_\_

Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

(Signature of Owner / Agent)

PLEASE MAKE CHECK PAYABLE TO TOWN OF ESSEX WATER AND SEWER DEPARTMENT AND RETURN ALONG WITH APPLICATION TO THE COMMUNITY DEVELOPMENT OFFICE. DO NOT COMBINE WITH ZONING PERMIT FEE.

**For Office Use Only**

Existing gallons / day x \$9.00 = \$ 0 + \$1,000 = \$ 2,000

Received by: \_\_\_\_\_

Date: 12-30-13

Approved by: AKM

Date: 01-02-14

Letter Sent  Finance Notified

Inspected by: \_\_\_\_\_

Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Tie Drawing  Finance Notified

Master List Updated:

Approved

Inspected



18269

**THE MILLER REALTY GROUP, LLP**

599 AVENUE D  
WILLISTON, VERMONT 05495  
TEL. (802) 864-5830

TD BANK  
America's Most Convenient Bank

58-3-116

TWO THOUSAND  $\frac{00}{100}$

DATE 12-18-13

AMOUNT 2000.00

PAY  
TO THE  
ORDER  
OF

ESSEX WATER & SEWER DEPT

WATER & SEWER COMM.



*[Signature]*  
AUTHORIZED SIGNATURE

Security features. Details on back.

⑈018269⑈ ⑆011600033⑆ 60154317⑈

18270

**THE MILLER REALTY GROUP, LLP**

599 AVENUE D  
WILLISTON, VERMONT 05495  
TEL. (802) 864-5830

TD BANK  
America's Most Convenient Bank

58-3-116

18270

\*\*\*\*\* Two Thousand & 00/100 Dollars

DATE

AMOUNT

12/19/13

\*\*\*\*\*2,000.00

PAY  
TO THE  
ORDER  
OF

TOWN OF ESSEX  
81 MAIN STREET  
Essex Junction, VT 05452

SEWER WATER PERMIT 30 ALLEN MARTIN DR.



*[Signature]*  
AUTHORIZED SIGNATURE

Security features. Details on back.

⑈018270⑈ ⑆011600033⑆ 60154317⑈





# TOWN OF ESSEX VERMONT

81 MAIN STREET, ESSEX JUNCTION, VERMONT 05452  
**Fax:** 878-1353 • **E-mail:** manager@essex.org • **Website:** www.essex.org

January 2, 2014

The Miller Realty Group, LLP  
Attn: Mr. Bob Miller  
599 Avenue D  
Williston, VT 05495

Re: 30 – 42 Allen Martin Drive  
Water/ Sanitary Sewer Applications

Dear Mr. Miller;

The Town of Essex approves your applications for water and sewer service to your new buildings, at 30-42 Susie Wilson Road. The entire project has purchased water and sewer allocation in the amount of 15,500 GPD.

Both a water and sewer application shall be submitted for each metered connection to every new building on the site. There will be no charge for this application but will be used to track individual metered connections within each building.

Please be advised, individual water and sewer connections and service lines installed on your lot shall be inspected by a representative of the Town before backfilling. If service lines and connections are backfilled without inspection, the Town will not issue a Certificate of Occupancy until the service lines and connections are excavated and inspected by a representative of the Town.

If you have any questions, please feel free to call.

Sincerely,

Aaron K. Martin, P.E.  
Utilities Director / Town Engineer

Cc: Community Development  
Finance Department  
File

S:\PWORKS\WATER - SEWER Connections\Approval Letters\30-42 Allen Martin Dr Both 1-02-14.doc

TOWN MANAGER	PARKS AND RECREATION	COMMUNITY DEVELOPMENT	PUBLIC WORKS	ASSESSOR	FINANCE	TOWN CLERK	LIBRARY	POLICE
878-1341	878-1342	878-1343	878-1344	878-1345	878-1359	879-0413	879-0313	878-8331



# Memorandum

To: For The Record  
From: Aaron K. Martin, P.E., Utilities Director / Town Engineer  
Date: January 2, 2014  
Subject: Water and Sewer allocation for 30 – 42 Allen Martin Drive  
(Formerly IBM Building 617)



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The existing facility at 30-42 Allen Martin Drive, (IBM Building 617), has a total of 15,500 GPD of purchased water and sewer capacity within both of the Town's distribution systems. Based on Table 10.12.380 of the Towns Water Use Ordinance, the proposed offices and occupied warehouses having domestic water demand of 15 GPD per employee. The proposed number of employees for each building have been provided by the developer. Public Works has calculated the water and sewage usage for the proposed new buildings as follows:

Building #1	100 employees X 15GPD = 1,500 GPD
Building #2	210 employees X 15GPD = 3,150 GPD
Building #3	210 employees X 15GPD = 3,150 GPD
	Total = <b><u>7,800 GPD</u></b>

The total water and sewer capacity required for the proposed buildings is just over half of what the existing site has in purchased capacity. Therefore, the applicant will not be required to purchase additional water and/or sewer capacity for the three proposed buildings. In the future, the site will have an additional 7,700 GPD of both water and sewer allocation to use before additional allocation is required.

The owner will be removing the building with the single existing connection to the Town's system, and building three separate buildings in its place. The applicant will be required to pay for two additional \$1,000 building connection fees, for a total of three connections on the site.

Each suite within the proposed buildings shall have its own individual service connection, curb stop, and shall be metered and billed off of separate individual meters. The owner shall provide peak domestic water demand calculations, based on the number of fixture units, for properly sizing the water meter for the proposed building units.



TO: Zoning Administration / Water/Sewer Bookkeeper

FROM: Public Works Department W/O # \_\_\_\_\_

The following service has been approved: Permit # \_\_\_\_\_

Date: January 02, 2014

Name: The Miller Realty Group, LLP

Street: 30 - 42 Allen Martin Drive

Lot #: 072 / 001 / 000

Water       Sewer      X Both

Number of Gallons: 15,500 GPD

Initials: AKM

Note: The existing facility at 30-42 Allen Martin Drive, (IBM Building 617), has a total of 15,500 GPD of purchased water and sewer capacity within both of the Town's distribution systems. The total water and sewer capacity required for the proposed buildings is 7,800 GPD which is just over half of what the existing site has in purchased capacity. Therefore, the applicant will not be required to purchase additional water and/or sewer capacity for the three proposed buildings. In the future, the site will have an additional 7,700 GPD of both water and sewer allocation to use before additional allocation is required. See attached memo dated January 2, 2014 for further explanation of total allocation for the site.





**Vermont Department of Environmental Conservation  
Drinking Water and Groundwater Protection Division**

*Agency of Natural Resources*

1 National Life Drive [phone] 802-241-3400  
(Main Building – Floor 2) [in-state] 800-823-6500  
Montpelier, VT 05620-3521 [fax] 802-828-1541

[www.drinkingwater.vt.gov](http://www.drinkingwater.vt.gov)

**PUBLIC WATER SYSTEM CONSTRUCTION PERMIT**

PROJECT #C-3005-13.0

WSID #5065

PIN #EJ95-0087

PERMITTEE: The Miller Realty Group, LLP  
ADDRESS: 599 Avenue D  
Williston, VT 05495

PROJECT NAME: 30-42 Allen Martin Drive  
TOWN LOCATION: Essex, VT

A. General

This Construction Permit is issued under the authority of 10 V.S.A., Chapter 56. This Construction Permit is granted based on a review which determined the proposed project, if built in accordance with the approved plans and specifications, will conform to design standards contained in the Vermont Water Supply Rules (Rules) and will therefore not constitute a public health hazard or a public health risk. The review did not, however, include the structural engineering aspects of this project which are not subject to the Rules.

B. Project Description

The project involves extensions of Essex Town Water System's existing water mains located off of Sand Hill Road and Allen Martin Drive. The extensions will be made with approximately 1,475 linear feet (lf) of 10-inch, 1,555 lf of 8-inch and 55 lf of 6-inch Class 52 Ductile Iron pipe, water service lines, new hydrant assemblies, fire suppression sprinkler systems with required backflow prevention, and appurtenances to serve three proposed buildings planned for a combination of warehouse and manufacturing uses and with a total design water demand of 7,020 gallons per day (Building #1 – 100 employees x 15 GPD/employee plus Building #2 – 210 employees x 15 GPD/employee plus Building #3 – 210 employees x 15 GPD/employee less a 10% reduction in design water demand due to the installation of low flow fixtures). Note the design water demand of the proposed buildings is less than the previously allocated water (15,500 GPD) for the site.

C. Project Conditions

1. The project shall be constructed, tested, and inspected in accordance with this permit and the following plans and specifications prepared and submitted by Lamoureux and Dickinson, Consulting Engineers.



Sheet No.	Drawing Date	Last Revision Date
1 and 12	May 31, 2013	None
3, 4 and 6	May 31, 2013	October 25, 2013
5	May 31, 2013	August 15, 2013

The total number of sheets reviewed by the Vermont Department of Environmental Conservation for this project is six.

2. All construction on this project must be completed by November 30, 2015. If construction has not been completed by that date, this permit shall expire and a new permit must be obtained before construction can continue. This construction completion date may be extended for good cause if a written request for an extension is received by the Department of Environmental Conservation by November 1, 2015.
3. No changes shall be made in the project without the written approval of the Department of Environmental Conservation. Approval of major modifications will require a permit amendment.
4. An inspection of the completed project shall be performed by a competent inspector under the general supervision of a registered professional engineer.
5. Record Drawings shall be prepared by the professional engineering firm responsible for observation of construction. Record Drawings shall depict the system as it was constructed, including any field modifications. Record Drawings shall be submitted within 60 days of final project field inspection and approval by the responsible engineer.
6. Prior to being placed in operation for potable use, all new portions of the system shall be flushed, pressure tested, disinfected and flushed again. Following this procedure, at least two samples must be collected from representative sample points and sent to the Vermont Department of Health Laboratory at 195 Colchester Avenue, Burlington, VT 05401 (or any other Vermont Department of Health certified laboratory) for Bacteriological Examination of Public Water Supply and indicate on the form that it is for a new system. Coliform Absent sample results are required before the system may be placed "on line" for potable water use. The pressure/leakage and bacteriological test results shall be submitted to the Department of Environmental Conservation along with the Record Drawings.
7. Until the construction authorized by this Construction Permit has been completed and the Record Drawings have been submitted, this permit is not transferable or assignable and shall automatically become invalid upon a change of ownership or upon suspension or revocation.
8. By acceptance of this Construction Permit, the permittee agrees to allow representatives of the State of Vermont access to the project, at reasonable times, for the purpose of ascertaining compliance with Vermont environmental laws and this permit.



9. This Construction Permit may be appealed to the Environmental Division of the Superior Court within 30 days of the date of the decision in accordance with 10 V.S.A. Chapter 220.

Signed at Montpelier, VT this 11<sup>th</sup> day of November, 2013.

Agency of Natural Resources  
Department of Environmental Conservation  
David K. Mears, Commissioner

By



Christine Thompson, Director  
Drinking Water and Groundwater Protection Division

GB

c: Essex Town Water System  
Lamoureux & Dickinson Consulting Engineers  
Ernestine Chevrier, James Sandberg, Jessanne Wyman, Essex Junction Regional Office, DWGPD  
Greg Bostock, P.E, Senior Environmental Engineer, DWGPD

