

Appeal Period Expires 7/12/16  
 Zoning District R2

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

Application Date 6/1/16  
 Permit Number 2016-108

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 @ 477-2241 (Jeff McMahon, Permit Specialist).**

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: \_\_\_\_\_

**A** Parcel Account Num. (Map-Parcel-Lot) 2-055-010-006  
 (found in Town Assessor's Office)  
 Property Address: 39 PRECOTT ST.  
 Owner: MATTHEW STRAUSS + Sarah L  
 Owner Address: 39 PRECOTT ST.  
 Owner Phone: (work) 857-4862 (home) \_\_\_\_\_  
 (cell) 578-7253 (Email) \_\_\_\_\_  
 Contractors name: Tim Finkle Phone: 363-6574  
 Cell: \_\_\_\_\_  
 Estimated Construction Dates: Start: 7/1/16 Completion: 8/1/16  
 Sq. Feet: 5600 Estimated Cost (labor & materials): \$70,000

**B** Sewage Disposal (Please attach Sewer or Septic Application).  
 Public  Private  Connection Fee \$ \_\_\_\_\_ Date Paid: 1/1  
 Proposed New Bedrooms: 2 Existing Bedrooms 2  
STATE PERMIT WWT-4-2903 attached

**C** Water (Please attach Water Service Application). EXISTING  
 Public  Private  Fee \$ \_\_\_\_\_ Date Paid: 1/1

**D** Driveway (Please attach copy of approved Curbcut / Utility Application).  
 Date of approval 1/1 EXISTING

**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.  
N/A

**F** Diagram - Show a sketch of project on reverse of this application with property lines, building, and setbacks or attach separate sheet.

**G** Signature of Tenant and Signature of Owner \_\_\_\_\_

**G**

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

Residential: FINISH SPACE N A R  
 Single Family     
 Two-family (duplex)(other)     
 Multi-family     
 Condominium / Townhouse     
 Mobile home

Inclusions or Additions:  
 Garage (attached) (detached)     
 Porch (enclosed) (open)     
 Deck very slight enlargement     
 Pool (in) (above) ground     
 Shed     
 Barn (residential) (agriculture)

Non-residential:  
 Commercial / Industrial

Stormwater:  
 Stormwater     
 Erosion Control

Other:  
 Change in use     
 Miscellaneous     
 Renewal

**Office Use Only**

Fees	Type	Amount	Date Pd.
Permit		\$ <u>175.00</u>	<u>6/24/16</u>
Recreation		\$ _____	
Recording		\$ <u>1.00</u>	<u>6/29/16</u>
Certificate of Occ		\$ _____	<u>1/1</u>
Other		\$ _____	<u>1/1</u>

**Building Permit**  
 Approved  Rejected  Date 6/27/16  
 Issued to: Matthew B + Sarah L Strauss  
 Zoning Administrator: Shawn L Kelley  
 Notes: entry code given  
 C.O. Required Yes  No

**THIS PERMIT VALID FOR TWELVE (12) MONTHS FROM DATE OF ISSUE**

F Diagram - Provide diagram here and include all setbacks

INTERNAL STRUCTURE ONLY.

CONVERTING ATTIC SPACE TO TWO BEDROOMS, w/ bathroom.

ATTIC ANCH

ADD'NS SKY LIGHTS  
and small shed dormer

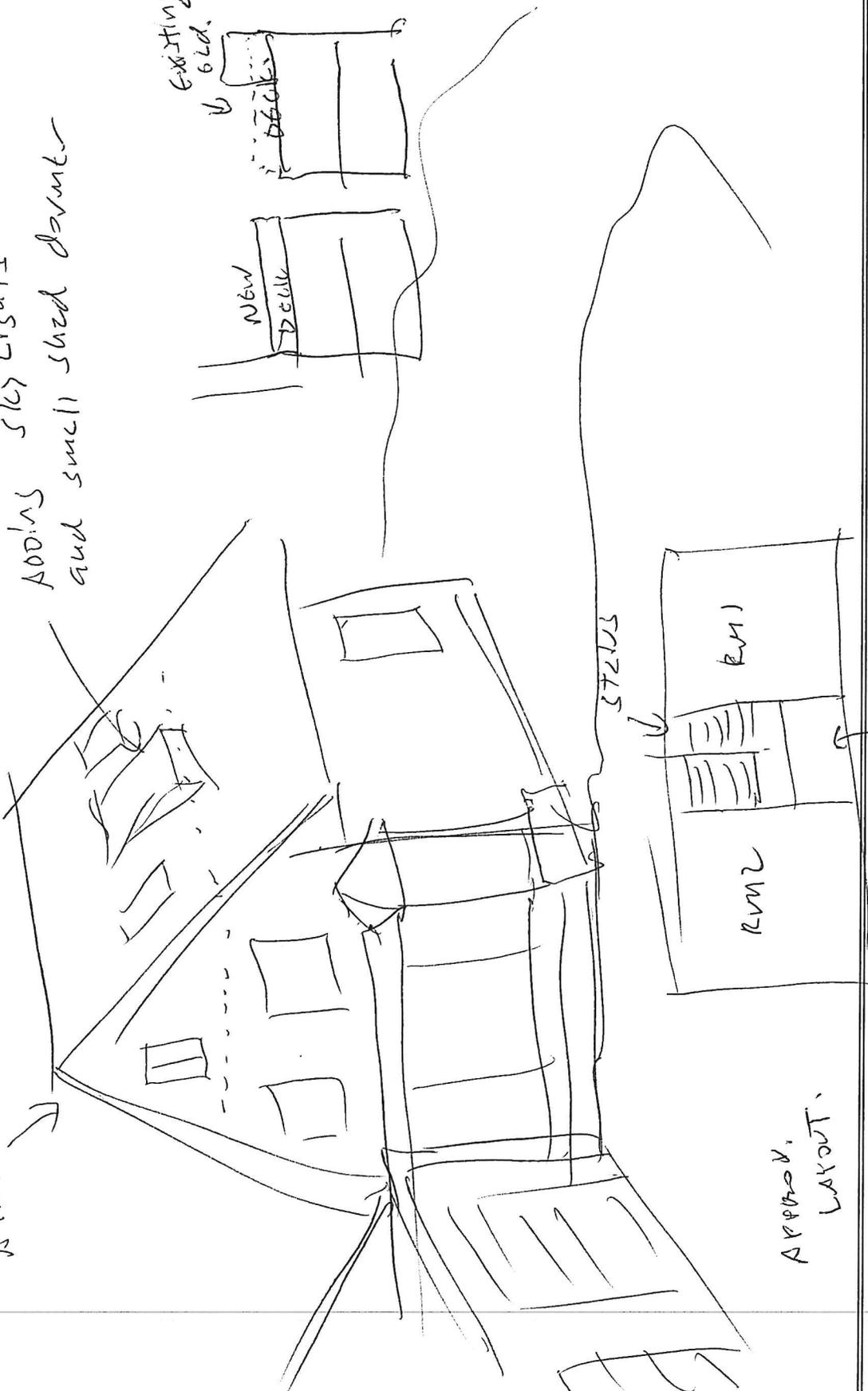
EXISTING  
BLD.

NEW  
DECK

STAIRS

APPROX.  
LAYOUT.

BEDRM.





O'Leary-Burke Civil Associates, PLC

CIVIL ENGINEERING | REGULATORY AND PERMIT PREPARATION | LAND SURVEYING | CONSTRUCTION SERVICES | LAND USE PLANNING

October 11, 2007

Mr. Ernie Christianson, Regional Engineer  
State of Vermont  
111 West Street  
Essex Jct., VT 05452

RE: WW-4-2903 (Condition #7)

Dear Ernie:

We are writing on behalf of Matthew & Sarah Strauss as a follow-up to condition #7 of WW-C-2903 for a new on-site primary wastewater disposal system at 39 Prescott Street in Essex Junction, Vermont.

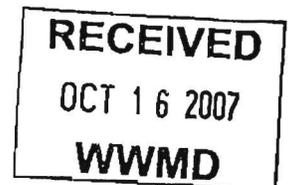
The system was staked out by our office, constructed by Mo Dubois and inspected by our office.

In accordance with condition #7, "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 permit conditions, were inspected, were properly tested, and have successfully met those performance tests".

Sincerely,

David W. Burke, Site Designer 316B

cc: Matthew & Sarah Strauss





## State of Vermont

### WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT

#### LAWS/REGULATIONS INVOLVED

##### Environmental Protection Rules

Chapter 1, Wastewater System and Potable Water Supply Rules, Effective January 1, 2005

Chapter 21, Water Supply Rules, Effective April 25, 2005

Case Number: WW-4-2903

PIN: EJ07-0348

Landowner: Matthew & Sarah Strauss

39 Prescott Street

Essex Junction VT 05452

This permit affects property identified as Town Tax Parcel ID # 2055010006 and referenced in deeds recorded in Book 699 Page 503 of the Land Records in Essex Junction, Vermont.

This project, consisting of constructing a new on-site primary wastewater disposal system for an existing four bedroom single family residence served by municipal water on a 2.64 acre lot located at 39 Prescott Street in the Town of Essex, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions.

#### GENERAL

1. This permit does not relieve the landowner from obtaining all other approvals and permits as may be required from local officials **prior** to proceeding with this project.
2. The project shall be completed as shown on the plans **Job #7018, Plan Sheet #1 "Site Plan" dated 4-12-07 prepared by O'Leary-Burke Civil Associates, PLC**, that have been stamped "approved" by the Wastewater Management Division. The project shall not deviate from the approved plans in a manner that would change or affect the exterior water supply or wastewater disposal system, building location or the approved use of the building without prior written approval from the Wastewater Management Division.
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 be responsible for the recording of this permit in the Essex Junction 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.
4. Each prospective purchaser of the lot shall be shown copies of the Wastewater System And Potable Water Supply Permit and the approved plans prior to conveyance of the lot.
5. This project has been reviewed and approved for the existing single-family residence on the lot. The landowner shall not construct any other type of structure requiring plumbing, including public buildings, duplexes, condominium units, or commercial buildings, without prior review and approval by the Wastewater Management Division. Such approvals will not be granted unless the proposal conforms to the applicable laws and regulations.
6. A copy of the approved plans and this permit shall remain on the project during all phases of construction and, upon request, shall be made available for inspection by State or local personnel.

**WATER SUPPLY & WASTEWATER DISPOSAL**

7. No permit issued by the Secretary shall be valid for a substantially completed wastewater system until the Secretary receives a certification from a designer or the installer, signed and dated, that states:

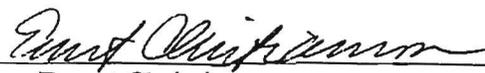
“I hereby certify that, in the exercise of my reasonable professional judgment, the installation-related information submitted is true and correct and the wastewater system was installed in accordance with the permitted design and all permit conditions, was inspected, was properly tested, and has successfully met those performance tests.”

This shall include the wastewater disposal system and sanitary sewer line to the residence.

8. The lot is authorized to obtain potable water from the municipal water system provided the water service is located as shown on the approved plan. The Wastewater Management Division shall allow no other method or location of obtaining potable water without prior review and approval.
9. The lot is approved for wastewater disposal by construction and utilization of the site-specific wastewater disposal systems depicted on the approved plans. The Wastewater Management Division is to be notified if at any time this system fails to function properly and/or creates a health hazard. The Wastewater Management Division shall allow no other method or location of wastewater disposal without prior review and approval.
10. No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater disposal systems are allowed on or near the site-specific wastewater disposal system depicted on the approved plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules will be incorporated into the construction and installation of the wastewater disposal field.
11. The approved wastewater disposal system has been designed to serve a four-bedroom single-family residence. Prior to any increase in bedrooms, the landowner shall submit an application, fee, and engineering plans for review and approval by the Wastewater Management Division.

**Dated at Essex Junction, Vermont on September 13, 2007.**

Justin G. Johnson, Acting Commissioner  
Department of Environmental Conservation

By   
Ernest Christianson  
Regional Engineer

C For the Record  
Essex Junction Planning Commission & Select Board  
O'Leary-Burke Civil Associates, PLC

**Agency of Natural Resources  
Department of Environmental Conservation  
Wastewater Management Division**

**Revised October 2006**  
For office use only  
Application # \_\_\_\_\_

**WASTEWATER SYSTEM & POTABLE WATER SUPPLY  
PERMIT APPLICATION**

PIN ESJ07-5348

Complete application  
Received on

*(Under the authority of 10 V.S.A. Chapter 64, the Environmental Protection Rules, Chapter 1, Wastewater System & Potable Water Supply Rules, and Chapter 21, Water Supply Rules, Appendix A. Part 11 – Small Scale Water Systems)*

Electronic versions of the form are available on the Wastewater Management Division website at <http://www.anr.state.vt.us/dec/ww/EngServ.htm>

The organization and/or content of this form may not be altered, however the form may be expanded to allow additional information to be entered. Changes in the organization and/or content of the form may result in an invalid application or permit.

**In most cases a licensed designer will be required for your project, who will be able to help complete this application form.**

**There are line-by-line instructions available to help complete this application form.**

**Please print or type your responses.**

\_\_\_\_\_' \_\_\_\_' \_\_\_\_  
Month Day Year

**1. Current Landowner(s) name** (as shown on property deed) *If there are multiple landowners, please provide a separate sheet listing each landowner, their mailing address, signature, and date.*

Matthew & Sarah Strauss

**2. Mailing address for landowner(s).**

Street: 39 Prescott Street

Town, State, Zip Code: Essex Jct, Vermont  
05452

**3.a Telephone number(s).**

(802) 879-2009

**3.b Email address** N/A

**4. Co-applicant name.**

**5. Mailing address for co-applicant.**

**6.a Telephone number.**

**6.b Email address**

**7. Designer name**

David W. Burke - O'Leary-Burke Civil Associates

**8. Mailing address for designer.**

1 Corporate Drive, Suite 1

**9.a Telephone number.**

(802) 878-9990

**9.b Email address**

obca@olearyburke.com

**10. Does this project involve a failed water supply or wastewater disposal system?**

Yes  Specify which

No

**11. Property location**

*Please include a location map.*

**11.a Town/City Parcel ID number**

Tax Map 55 Block 10 parcel 6 2055 010006

**11.b Street or Road**

39 Prescott Street

**12. Town or City**

Essex Jct

*per Dave Burke*

<b>13. Project name (if applicable)</b> Relocation of Septic System	<b>14. If an existing lot, what date was the lot created?</b> Nov. 13, 1975	<b>15. Total acreage of property</b> 2.64 Ac.										
<b>16. Number of lots to be created</b> , If subdividing property. Include any lots subject to deferral restrictions n/a	<b>17. List each lot number and the acreage of the lot. If any lot is developed with a structure, describe the use and when it was constructed.</b> All of the property must be described, including any remaining or retained land and any undeveloped land which will be subject to Notice of Permit Requirements /deferral restrictions.											
<b>18. Deed reference</b> Book (s) 699  Pages (s) 503	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Lot #</th> <th style="width:15%;">Acres</th> <th style="width:30%;">Bedrooms or Use</th> <th style="width:20%;">When constructed</th> <th style="width:25%;">Undeveloped</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2.64</td> <td style="text-align: center;">4 Bedrooms</td> <td style="text-align: center;">Existing</td> <td></td> </tr> </tbody> </table>		Lot #	Acres	Bedrooms or Use	When constructed	Undeveloped	1	2.64	4 Bedrooms	Existing	
Lot #	Acres	Bedrooms or Use	When constructed	Undeveloped								
1	2.64	4 Bedrooms	Existing									
<b>19.a List prior permits or exemptions issued by the Agency of Natural Resources for subdivision of land or construction of commercial/public buildings. The permits or exemptions would have prefixes of EC, PB, WW, DE, HE, HB, LUP, MH, TT, or CC followed by the number of the project.</b>												
<b>19.b Have you complied with all prior permit conditions?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> None <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/>												
<b>20. Detailed project description.</b> This is a relocation of an existing and functioning septic system for the location of a new detached garage.												



**21.a Water Supply.** Please provide design flows in gallons per day (GPD).

	Lot #1	Lot #	Other lots or uses	Basis for design flow
Existing flows	525	n/a		
Increase	0	n/a		see attached calcs
Total	525	n/a		see attached calcs

21.b Type: Individual well:  Shared well:   
 TNC: \* NTNC: \* Public Community:  \*(“public” or “municipal” water systems)  
 (\*Systems serving 24+ people more than 60 days/year)

21.c Owner of system (if not applicant) CWD  
(Include letter from the system owner authorizing any connection and/or increase in design flow.

21.d Does your project require an Approval Letter from the Water Supply for the construction of a municipal water line extension of over 500 feet, or hydrants or sprinkler systems?  
 Yes  No  Not Applicable

21.e Will the proposed water source serve 24+ people? Yes  No

21.f Are any of the water sources located within a 100-year floodplain? Yes  No

21.g Are any of the proposed wells located within 1 mile of a hazardous waste site as designated by the Waste Management Division? (Telephone (802) 241-3888) Yes  No   
 If yes, please provide additional information on the site.

21.h Are any of the water sources located off-site, off-lot, or shared? Yes  No   
 If yes, please provide copies of the easement agreements.



**22.a Wastewater Disposal System.** Please provide design flows in gallons per day (GPD).

	Lot #1	Lot #	Other lots or uses	Basis for design flow
Existing flows	490	n/a		
Increase	0	n/a		see attached calcs
Total	490	n/a		see attached calcs

**22.b** For sewer collection systems over 500 feet, please include calculations for infiltration and total gallons per day (gpd) **GPD**

**22.c** If the project design flows exceed 1,000 g.p.d., is this project located in a Class A Water Shed? Yes  Which watershed? No

**22.d** Is the wastewater disposal system located in a municipality that does not have both a confirmed planning process and valid zoning bylaws? Yes  No

**22.e** Type of wastewater system design.

Prescriptive:  Enhanced prescriptive:  Performance-based:   
 Innovative/Alternative System or Product.  and specify which one.  
 Indirect Discharge System  ID# and owner's name

Municipal connection:

If using a municipal wastewater treatment system, please provide the name of the owner of the system  
*(Include letter from the system owner authorizing any connection and/or increase in design flow.)*

**22.f** Are floor drains proposed? Yes  If Yes," where will they discharge? No

**22.g** Are any of the systems located off-site, off-lot, or shared? Yes  No   
 If yes, please provide copies of the easement agreements.

**23.** List any easements required (for off-site sources, systems, access or utility rights-of-way, etc) . and enclose a copy of the signed easement agreements. N/A

**24.** Global Positioning System (GPS) Coordinates. Criteria WGS 84  or NAD 83  with accuracy of +/- 50' for water systems and wastewater systems serving the project.

Lot # Well or System #	Latitude	Longitude
Lot 1 Septic System	N 44° 30' 31"	W 73° 7' 22"
	N ° ' "	W ° ' "
	N ° ' "	W ° ' "
	N ° ' "	W ° ' "
	N ° ' "	W ° ' "
	N ° ' "	W ° ' "

25. Water Quality Division WEB SITE: <http://www.anr.state.vt.us/dec/waterq/wqhome.htm>

25.a Will there be any construction or land disturbance on the property in or near a wetland, a wetland buffer, or in or near a wet area on the property?

Yes  No  Wetlands Section - Telephone (802) 241-3770.

25b Will more than one acre be disturbed during the entire course of construction, including all lots and phases?

Yes  No  Construction Stormwater Permits – Telephone (802) 241-4320.

25.c Will there be any stream crossings by roads, utilities, or other construction?

Yes  No  River Corridor Management Section – Central & NW VT (802) 879-5631;  
SO.VT. (802) 786-5906; NE VT (802) 751-0129.

26.a Is any portion of the proposed wastewater disposal system located in or near a water Source Protection Area as designated by the Water Supply Division?

Yes  No  Telephone (802) 241-3400.

26.b Is any portion of the proposed water supply located in or near a water Source Protection Area as designated by the Water Supply Division?

Yes  No  Telephone (802) 241-3400.

27. Is the lot or project located in a flood prone area?

Yes  No

28. Act 250: Has the applicant/landowner subdivided any other lots of any size within a five mile radius of this subdivision, or within the environmental district within the last five years?

Yes  No. If yes: # of lots in town/s

Is there any prior Act 250 jurisdiction on the tract of land?  Yes; Permit #4C0200  No

29. Application Fees

Please refer to attached fee schedule and provide your calculations. Contact your regional office if you need assistance.

\$262.50

Make your check or money order payable to State of Vermont.

30. Has anyone from the regional office been to the site? Yes  No

If so, please provide the name of the staff member and the date of the visit.



**31. Signatures and Acknowledgements.**

In order to insure compliance with the requirements of the regulations administered by the Department of Environmental Conservation, Wastewater Management Division, it may be necessary to visit the property. As this would involve a Department employee entering private property, we request your approval to do so. If we do visit your property, do you have any special instructions?

**"As landowner of the property for which I am requesting a permit from the Department of Environmental Conservation, I understand that by signing this application I am granting permission for the Department employees to enter the property, during normal working hours, to insure compliance of the property with the applicable rules of the Department.**

**I also understand that I am not allowed to commence any site work or construction on this project without written approval from the Department of Environmental Conservation.**

**If my project utilizes an Innovative/Alternative System or Product, I have received a copy of the Wastewater Management Division's approval letter and agree to abide by the conditions of the approval.**  Yes **If Yes, please specify type of system or product.**

No **If No, please visit our website or contact your consultant to obtain a copy before submitting the application.**

**Not Applicable. My project does not utilize an Innovative/Alternative System or Product.**

**I also certify that to the best of my knowledge and belief the information submitted above is true, accurate and complete."**

**Print Landowner(s) name.**

Matthew & Sarah Strauss

**Landowner(s) signature.**

**Date 8-03-07**



*If there are several landowners, and there is not room to fit the information on this form, please attach an additional sheet with the names, mailing addresses, signatures, and dates. If anyone signs for the landowner, please submit a copy of the authorization document that grants the power of attorney specific to land transactions.*

**32. Designer statement and copyright license.**

**"I hereby certify that in the exercise of my reasonable professional judgment, the design-related information submitted with this application is true and correct, and the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules and the Vermont Water Supply Rules.**

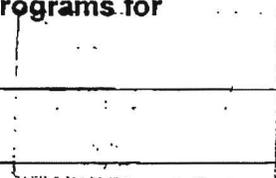
**As the individual who prepared this application, including all documents that are marked as copyrighted, I hereby grant a license to the State to allow the documents to be available for public review and copying in order to properly implement and operate the permitting programs for Wastewater Systems and Potable Water Supplies."**

**Print Designer name.**

David W. Burke

**Designer signature.**

**Date 8-06-07**



Matthew & Sarah Strauss  
39 Prescott Street, Essex Jct. Vermont

Design Water Flows

**Proposed**

Four Bedroom Single Family Residential  
4 Bedrooms, 7 occupants @ 75 gallons/day/occupant  
= 525 gallons/day

**Total Water = 525 gallons/day**



Matthew & Sarah Strauss  
39 Prescott Street, Essex Jct. Vermont

Design Sewer Flows

***Proposed***

Four Bedroom Single Family Residential  
4 Bedrooms, 2 per bedroom, first 3 only, 7x70  
= 490 gallons/day

**Total Sewer = 490 gallons/day**

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