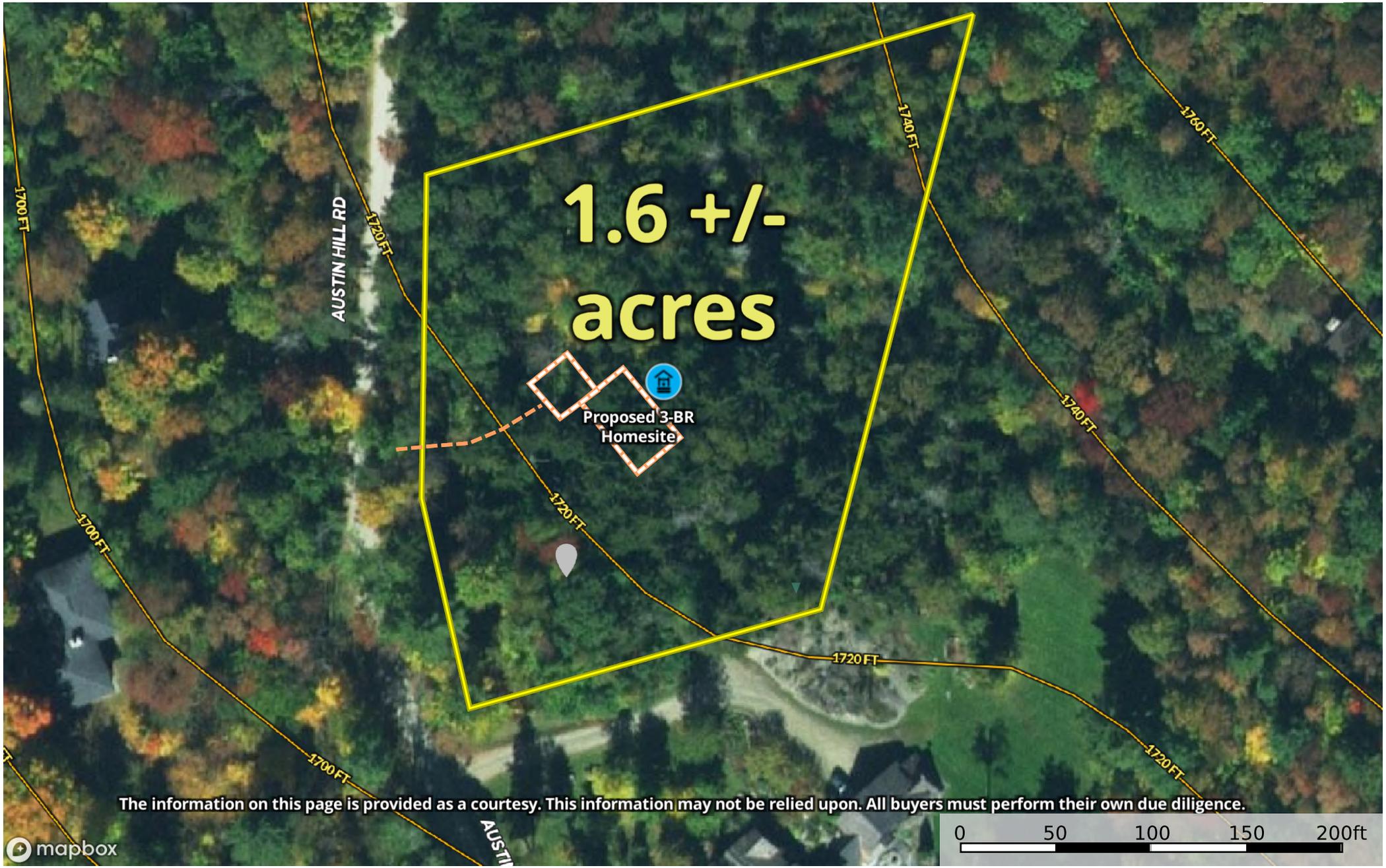
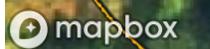


Rochester 1.6 ac - Austin Hill Rd
Windsor County, Vermont, 1.6 AC +/-

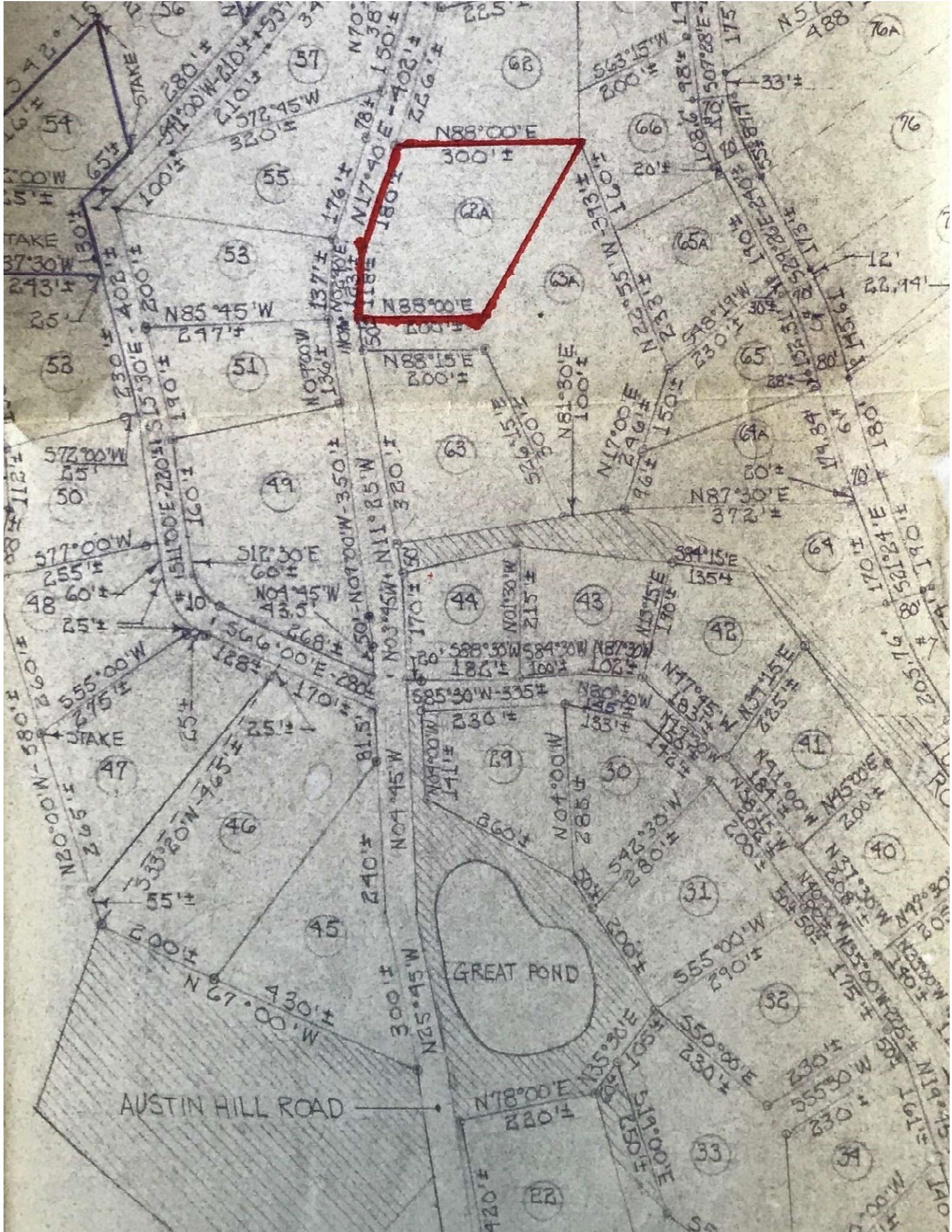


The information on this page is provided as a courtesy. This information may not be relied upon. All buyers must perform their own due diligence.



- Proposed Leachfield
- Proposed Well
- Proposed Driveway 1
- Wetlands
- Proposed Homesite
- Boundary

The information contained herein was obtained from sources deemed to be reliable. Land id™ Services makes no warranties or guarantees as to the completeness or accuracy thereof.



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): Lydia Shui-Yes Lee Revocable Trust
Lynn Lee
6528 Cuddy CT
South Bend, IN 46635**

**Permit Number: WW-3-2649-1
PIN**

This permit affects the following properties in Rochester, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
1	000GH-62A	525-165-11474	1.60	Book:83 Page(s):45

This project consisting of the construction of a 3-bedroom single family residence, served by on-site water supply and a performance based filtrate wastewater system using **Innovative/Alternative System Approval letter #2005-01-R4 for the Norweco Singulair® and Hydro-Kinetic® Wastewater Treatment System Series** effluent treatment unit located on 1628 Austin Hill Road in Rochester, 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 plans and/or documents prepared by Stephen Pro, with the stamped plans listed as follows:

Title	Sheet Number	Plan Date	Revision Date
Septic System...	SS-1	02/16/2018	

- 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 Rochester 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 Rochester 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 qualified Vermont Licensed Designer (or where allowed, the installer) 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 Each purchaser of any portion of the project shall be shown copies of the Wastewater System and Potable Water Supply Permit, the stamped plans, and **Innovative/Alternative System Approval letter #2005-01-R4 for the Norweco Singulair® and Hydro-Kinetic® Wastewater Treatment System Series** prior to conveyance of the lot. The Innovative/Alternative Approval contains special requirements that need to be complied with for the project to remain in compliance with this permit.
- 1.7 Each new owner of the property shall inform the Drinking Water and Groundwater Protection Division and vendor within 30 days of the transfer of the property and include the name and mailing address of the new owner.
- 1.8 This project is approved for the construction of a 3-bedroom single family residence, maximum 6-person occupancy. 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.
- 1.9 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 This project is approved for a potable water supply using a drilled or percussion bedrock well for **420** gallons of water per day provided the supply is located as shown on the stamped plan(s) and meets or exceeds the isolation distances, construction standards, and water quality standards required in the Water Supply Rule.
- 2.2 The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a "failed supply".
- 2.3 The components of the potable water supply herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or where allowed, the installer) 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.
- 2.4 The water source location as shown on the stamped plan(s) shall be accurately staked out and flagged prior to any construction on this project with the flagging being maintained until construction is complete.

3. WASTEWATER DISPOSAL

- 3.1 This project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for **420** gallons of wastewater per day.
- 3.2 The system(s) shall be operated at all times in a manner that will not permit the discharge of effluent onto the surface of the ground or into the waters of the State. The landowner shall immediately notify the Division if the wastewater system fails to function properly and becomes a "failed system". Should the system fail and not qualify for the minor repair or replacement exemption, the current landowner shall engage a qualified Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to this office and receive written approval prior to correcting the failure.
- 3.3 The components of the wastewater system herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or when allowed, the installer) 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.
- 3.4 The project is approved for the mound wastewater system provided the mound is constructed in strict accordance with the following conditions:
 - a. The mound system is to be located and constructed as depicted on the plans that have been stamped by the Drinking Water and Groundwater Protection Division.

- b. A qualified Vermont Licensed Designer shall inspect the mound system during critical stages of construction. This shall include the staking of the location of the mound, ensuring the site has been properly plowed prior to placement of the appropriate sand fill, the installation and testing of the distribution piping, final grading of the mound including side slopes, and pump station installation.
 - c. The construction of the mound shall adhere to the requirements set forth in Section 1-913(f) of the above referenced rules.
- 3.5 The corners of the proposed primary wastewater area(s) shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.
- 3.6 The Operating and Maintenance manual for the Innovative/Alternative treatment unit prepared by the vendor shall be provided to the landowner by the system designer at the time of the system start-up.
- 3.7 Following placing the system into use, completion of all periodic inspections shall be pursuant to the conditions and requirements outlined in the Innovative/Alternative System Approval Letter. A written report for each inspection shall be submitted to the Division.
- 3.8 The wastewater system(s) for this project is designed using the performance base approach. ***The use of a performance-based wastewater system approved in this permit requires that an annual inspection be performed by a qualified Vermont Licensed Designer starting when the system is placed in use and continuing for the first three years of operation. The field inspection shall be done in April or May and a written report shall be submitted by the June 15th of each year to the landowner and the Drinking Water and Groundwater Protection Division.*** The inspection shall consist of a field inspection of the wastewater system and the area within 25' of the system in all directions of the leachfield noting any indication of failure.
- 3.9 The wastewater system for this project is approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.10 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater systems are allowed on or near the site-specific wastewater disposal system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules shall be adhered to and will be incorporated into the construction and installation of the wastewater disposal field.

Emily Boedecker, Commissioner
Department of Environmental Conservation

By 

Dated April 6, 2018

Terry Shearer
Regional Engineer
Springfield Regional Office
Drinking Water and Groundwater Protection Division

Enclosures: **Innovative/Alternative System Approval letter #2005-01-R4 for the Norweco Singulair® and Hydro-Kinetic® Wastewater Treatment System Series**

cc: Stephen Pro
Rochester Planning Commission
Innovative/Alternative Manufacturer - **Innovative/Alternative System Approval letter #2005-01-R4 for the Norweco Singulair® and Hydro-Kinetic® Wastewater Treatment System Series**

GENERAL NOTES

- NORTH IS MAGNETIC 2017
- OWNER OF RECORD: TOWN ID. 00001-624
SPAN NUMBER: 525-163-11474
1.004 304-101 LEE REVOCABLE TRUST
17939 EDGEWOOD WALK
SOUTH BEND
IN 46335
- AREAS: 1.62 ACRES (PER TOWN RECORDS)
- PURPOSE OF PLAN: PROPOSED SEWAGE DISPOSAL SYSTEM DESIGN.
PROPERTY LINES SHOWN ARE APPROXIMATE AND ARE BASED ON PHYSICAL EVIDENCE AND TOWN TAX MAPS. THIS PLAN IS NOT A BOUNDARY SURVEY AND IS NOT TO BE USED FOR CONVEYANCING OR RECORDING.
- TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON A FIELD SURVEY PERFORMED BY SEPTICPRO ON 2/27/2017. ELEVATIONS ARE BASED ON AN ASSUMED DATUM.
- TEST PITS SHOWN HEREON WERE OBSERVED BY SEPTICPRO ON 2/15/2017
- WETLAND BOUNDARY DETERMINED BY TRUSSEL CONSULTING ENGINEERS ON SEPTEMBER 1, 2017 AND CONFIRMED BY ZAPATA CONSULTING, LYNN WETLANDS ECOLOGIST ON NOVEMBER 9, 2017.
- THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS ASSUMED. SEPTICPRO MAKES NO CLAIMS TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. FIELD VERIFICATION IS REQUIRED PRIOR TO ANY EXCAVATION ON THE SITE. CONTRACTOR SHALL CONTACT DIG SAFE AT 1-888-344-7233.

DESIGN DATA

THE PERFORMANCE BASED APPROACH USING A FILTRATE DISPOSAL SYSTEM WAS USED FOR THIS DESIGN.

DESIGN FLOW
3 BEDROOMS = 3 BR @ 140 GPD & 1 BR @ 70 GPD = 420 GPD

WORKED SINGLE GREEN 960-500 SYSTEM PRE-TREATMENT UNIT - UP TO 6 OCCUPANTS
1,500 GALLON THREE COMPARTMENT PLASTIC TANK

PRE-TREATMENT SYSTEM
CHAMBER 1 - IN SEPTIC TANK, CHAMBER 2 - AERATION TANK, CHAMBER 3 - CLARIFICATION TANK

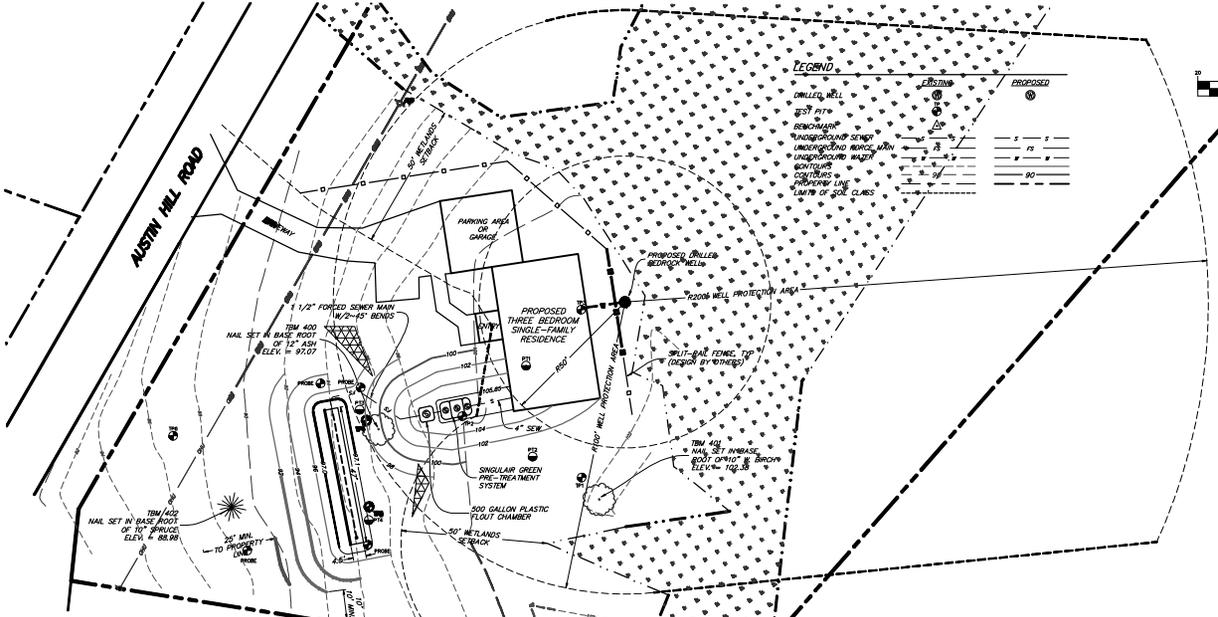
LEACHING AREA
PERC RATE = 9 MIN./IN.
REQUIRED APPLICATION RATE = 1.6 GPD/SF - PROVIDED APPLICATION RATE = 1.53 GPD/SF
REQUIRED AREA (MINIMUM) = 1490 GPD / (1.6 GPD/SF) = 308.5 SF
PROVIDED AREA = 8'W X 40'L = 320 SF

PRESSURE DISTRIBUTION SYSTEM
P = 1 1/2-INCH LATERALS: 14 - 1/8-INCH HOLES @ 4'-8.5" O.C.
DISCHARGE RATE: LATERAL: 1.16 GPM X 14 HOLES = 8.17 GPM
TOTAL: 16 GPM

LOADING
REQUIRED DOSE: 114 GALLONS PER DOSE
MINIMUM DOSE: 64 SYSTEM VOLUME = 5 X 7.7 GALLONS = 38.6 GALLONS
PROVIDED DOSE: 114 GALLONS PER DOSE

CONSTRUCTION NOTES

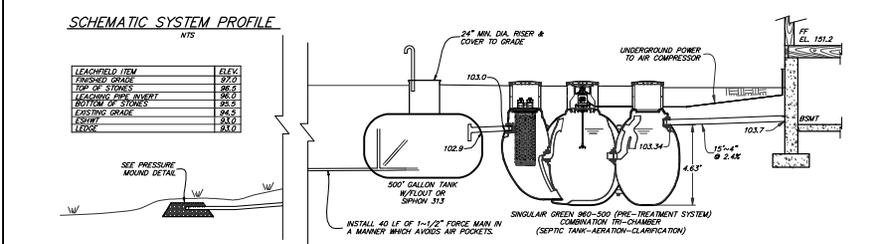
- COORDINATION: IT IS THE CONTRACTOR'S RESPONSIBILITY TO PURCHASE ALL THE MATERIALS REQUIRED TO INSTALL THE SYSTEM IN ACCORDANCE WITH THE PLANS. SEPTICPRO SHALL PROVIDE THE WROPPED UNIT AND THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION. THE CONTRACTOR SHALL CONTACT SEPTICPRO (802-254-5400) A MINIMUM OF TWO WEEKS BEFORE INSTALLATION COMMENCES TO COORDINATE THE SCHEDULE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH OWNER AND/OR ELECTRICIAN TO ENSURE SIMILAR ELECTRICAL REQUIREMENTS.
- ELECTRICAL REQUIREMENTS: WORK SHALL BE CONDUCTED BY A LICENSED ELECTRICIAN. THE CONDUIT SHALL BE TYPE OF 1/2" RIGID WITH FULL SIZE CONDUIT GROMMETS MUST BE ON A DEDICATED CIRCUIT 115 VAC SINGLE PHASE 15 AMP CIRCUIT BREAKER RECOMMENDED (20 AMP MINIMUM).
- INSTALLATION: THE CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION WORK AND MATERIALS AND PROPERLY INSTALL THE SYSTEM IN ACCORDANCE WITH THESE CONSTRUCTION PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING THE SYSTEM INCLUDING THE SINGLE FAMILY TANK, TO THE ELEVATION SHOWN ON THE PLANS, MAINTAINING EQUAL FLOW AND ENSURING THAT THE SYSTEM COMPONENTS BOTH UPSTREAM AND DOWNSTREAM OF THE SINGLE FAMILY TANK ARE WATER TIGHT. FAILURE TO MEET THESE GUIDELINES WILL VOID THE SYSTEM WARRANTY AND PERFORMANCE SPECIFICATIONS.
- SEWER: THE BEST COMPONENT OF THE SINGLE FAMILY TANK IS APPROVED AS THE SEPTIC TANK AND NO OTHER STORAGE IS NECESSARY. THE SINGLE FAMILY TANK CAN BE PURCHASED BY SEPTICPRO OR OTHER APPROVED DISTRIBUTOR AND SHALL COME WITH A 2-YEAR MAINTENANCE AGREEMENT. THE SINGLE FAMILY TANK SHALL BE SET ON COMPACTED GROUND AND LAID LEVEL.
- CHAMBER: THE CHAMBER SHALL BE A 60TH PLASTIC CHAMBER AS SUPPLIED BY E.J. PRESCOTT IN CHESTERFIELD, MO OR EQUAL. THE CHAMBER SHALL BE SET ON COMPACTED GROUND AND LAID LEVEL. PIPES TO TANK CONNECTIONS SHALL BE RUBBER-BOOT TYPE FLEXIBLE WATER TIGHT CONNECTIONS. THE FLOUT AS SUPPLIED BY RIPPY PLASTICS IS CAPABLE OF 114 GALLONS PER DOSE.
- TANK LEAKAGE TEST: ALL TANKS SHALL HAVE NO LEAKAGE DURING A 24-HOUR TEST. UPON COMPLETION OF INSTALLATION OF ALL TANKAGE AND PIPING PRIOR TO BACKFILLING, FILL THE STRUCTURES WITH CLEAN WATER TO THE TOP PROVIDED A HYDROSTATIC HEAD ABOVE GROUNDWATER OF AT LEAST 2.5 FEET OR TO THE TOP OF THE TANK, WHICHEVER IS GREATER. CONTACT SEPTICPRO, LLC FOR INSPECTION (802-254-5400) 48-HOURS ADVANCE NOTICE IS REQUIRED. CONDUCT THE TEST FOR AT LEAST 24-HOURS IF ANY LEAKAGE OCCURS DURING THE TEST PERIOD, THE TANKS AND PIPING SHALL BE REPAIRED AND RE-TESTED.
- SEWER DIPS: SEWER PIPES SHALL BE 30#-35 PVC (UNLESS OTHERWISE NOTED). ALL JOINTS AND CONNECTIONS SHALL BE SOLVENT WELD. WIRE MESH BELLS BELONGING TO SINGLE FAMILY TANK PUMP CHAMBER, AND PUMP CHAMBER TO LEACHFIELD. THE LEACHFIELD COMPONENTS SHALL BE 30#-40 PIPING.
- ELECTRICAL CONDUIT LINES: EXCAVATE FOR ELECTRICAL CONDUIT LINES FROM ADJUTOR RISER TO HOUSE.
- PLUMB: WATER PLUMB ALL TANK PENETRATIONS AND ALL INLETS AND OUTLETS NOT TO PREVENT GROUNDWATER LEAKS.
- BASES AND JOINTS: SET ALL RISERS TO FINISHED GRADE. ENSURE THAT RUBBER GASKET O-RINGS IS IN PLACE PRIOR TO SECURING SECTIONS. ALL SOWER HOLES TO BE USED TO PLACE SECTIONS TO EACH OTHER. ENSURE ALL RISERS ARE WATER TIGHT TO PREVENT INFILTRATION OF GROUNDWATER AND SURFACE RUN-OFF.
- SMILING TEST: CONTRACTOR SHALL PROVIDE OWNER WITH A SKETCH TO SCALE WITH SMILING TEST FROM TWO PERMANENT FIXED POINTS TO LOCATE ACCESS COVERS.
- LEACHFIELD SITE READINESS: CHECK THE MOISTURE CONTENT OF THE SOIL AT 7 X 8-INCHES DEEP. ROLL THE SOIL BETWEEN HANDS AT 11 SPACES OR SPACES. THE SOIL IS NOT FIT FOR CONSTRUCTION.
- LEACHFIELD STONE: SHALL BE 3/4-INCH TO 1 1/2-INCH, DOUBLE WASHED STONE. THE STONES SHALL BE FREE OF FINES AND DUST.
- EROSION CONTROL: IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL WATER VELOCITIES AND SEDIMENT DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPROPRIATE EROSION CONTROL MEASURES AS NECESSARY INCLUDING, BUT NOT LIMITED TO, SILT FENCING AND HARDBALL FILL CONDITIONS SHALL DICTATE THE EROSION CONTROL MEASURES WHICH ARE UTILIZED. EROSION CONTROL MEASURES, IF REQUIRED, SHALL BE INSTALLED DAILY AND BEFORE AND AFTER RAIN EVENTS.
- LEACHFIELD SITE PREPARATION: CUT ALL VEGETATION AND TRESS FLUSH WITH GROUND SURFACE UNDER THE LEACHFIELD SITE. REMOVE VEGETATION AND LEAVE STUMPS IN PLACE. THE SITE WITH A WOOD BOARD FLOW, FLOWING PARALLEL TO THE CONTOURS. ALTERNATELY, AN EXCAVATOR BUCKET MAY BE USED TO CREATE THE FLOWING PARALLEL WITH THE CONTOURS.
- APPROVED SAND FILL: MOUND SAND FILL SHALL BE A SAND MATERIAL THAT MEETS ONE OF THE FOLLOWING SPECIFICATIONS:
SAND A:
85-100% PASSING THE NO. 30 SIEVE
25-70% PASSING THE NO. 40 SIEVE
0-10% PASSING THE NO. 100 SIEVE
0-5% PASSING THE NO. 200 SIEVE
SAND B:
85-100% PASSING THE NO. 4 SIEVE
80-100% PASSING THE NO. 16 SIEVE
50-80% PASSING THE NO. 30 SIEVE
10-30% PASSING THE NO. 60 SIEVE
2-10% PASSING THE NO. 100 SIEVE
SAND C:
85-100% PASSING THE NO. 1/8 SIEVE
PASSING THE NO. 30 SIEVE
0-5% PASSING THE NO. 200 SIEVE
- PLACE AND SPREAD SAND FILL IN 12-INCH LAYERS. COMPACT EACH LAYER WITH A SINGLE COVERAGE OF THE TRACKS OF A CHAMBER TREADER OR COMPACTOR. PROVIDE THE TRACK WEIGHT IS LESS THAN 12,000 LBS. FILL SHALL BE PLACED AND SHOWN BY HAND. BY HEAVY EQUIPMENT WORKING UNDER THE LEACHFIELD AREA OR BY TRACKED EQUIPMENT HAVING LESS THAN 1.5 TON TRACK WEIGHT AND MORE THAN 12" OF SAND PLACED. PLACE SAND FILL TO THE REQUIRED DEPTH TO THE TOP OF THE TRENCHES.
- LEACHFIELD STONE: SHALL BE 3/4-INCH TO 1 1/2-INCH, DOUBLE WASHED STONE. THE STONES SHALL BE FREE OF FINES AND DUST. PLACE STONE AND LEVEL OFF AT TOP OF STONE ELEVATION. TRENCH OUT STONE BY HAND TO REMOVE LATERALS.
- LATERAL DEEPS: SHALL BE 1 1/2" SCHEDULE 40 PVC.
- CLEAN PERMEABLE FILL AND TOPSOIL: INSTALL FILTER FABRIC OVER THE STONES. ADD 6"-8" CLEAN PERMEABLE FILL AND ADD 3" MINIMUM TOPSOIL (LOAM, SEED AND HAY). SLOPE THE SURFACE UNIDIRECTIONALLY TO PROVIDE POSITIVE SURFACE DRAINAGE USING A MAXIMUM SLOPE OF 3% UNLESS OTHERWISE SHOWN ON PLANS.
- SURFACE RESTORATION: ALL DISTURBED AREAS SHALL BE TOPSOILED, LOAM SEED AND MULCH AS REQUIRED TO PROVIDE A DENSE PERMANENT GROWTH OF GRASS VEGETATION OR REPAIRED TO MATCH THE EXISTING SURFACE.
- ELECTRICAL: SHALL BE BY A LICENSED ELECTRICIAN IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES.
- DESIGNER'S INSPECTION: BEFORE COVERING ANY PART OF THE SYSTEM THE DESIGNER SHALL BE CONTACTED (1-888-445-5358) FOR FINAL INSPECTION DATE. PLEASE CALL 48-HOURS IN ADVANCE OF FINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE SYSTEM IN ACCORDANCE WITH THE PLANS USING THE SPECIFIED MATERIALS. THE CONTRACTOR SHALL FURNISH THE DESIGNER WITH DATED DOCUMENTATION FROM SUPPLIER UPON RECEIVING THE MATERIALS OR INSTALLATION IS NOT IN ACCORDANCE WITH THE PLANS, THE SYSTEM SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.



PLAN VIEW

MAINTENANCE FOR HOMEOWNER:
PROPER CARE AND MAINTENANCE CAN INCREASE THE LIFE OF THE SEPTIC SYSTEM. NEGLIGENCE AND IMPROPER USE CAN CAUSE THE SYSTEM TO FAIL.

- CONSERVE WATER. DO NOT OVERLOAD THE SYSTEM. FIX LEAKS AND DROPS.
- DO NOT POUR OILS, GREASE, MAX. MEDICINES OR HAZARDOUS MATERIALS IN THE DRAINS.
- DO NOT ALLOW NON-Biodegradable MATERIAL AND/OR PAPER TOWELS, TISSUE, COSMETIC BUTTS, DISPOSABLE DIAPERS, SANITARY NAPKINS, OR TAMPONS TO GET INTO THE SYSTEM.
- THE SYSTEM WAS NOT DESIGNED FOR USE WITH GAMMAGE DISPOSALS. WATER CONDITIONERS OR OVERDOSH TUBS DO NOT CONNECT TO SYSTEM.
- DO NOT POUR YEAST OR SEPTIC SYSTEM ADDITIVES INTO THE SYSTEM. ADDITIVES BREAK UP THE SOIL AND SHALLOW ROOTED PLANTS ARE BENEFICIAL OVER THE LEACHFIELD. HOWEVER, DO NOT PLANT LARGE BUSHES OR TREES OR, AKA, LEACHFIELD.
- INSPECT SEPTIC TANKS ANNUALLY TO DETERMINE RATE OF ACCUMULATION OF SOLID. SOLIDS AND OIL. PUMP TANKS WHEN THE SUM OF THEM REACHES EQUAL ONE-THIRD LIQUID DEPTH OF THE TANK OR ONCE EVERY TWO YEARS, WHICHEVER COMES FIRST.
- DENSE GRASS AND SHALLOW ROOTED PLANTS ARE BENEFICIAL OVER THE LEACHFIELD. HOWEVER, DO NOT PLANT LARGE BUSHES OR TREES OR, AKA, LEACHFIELD.
- WITH THE EXCEPTION OF LAWN TRACTORS, DO NOT DRIVE, PARK VEHICLES, OR BUILD STRUCTURES ON ANY PORTION OF THE SEPTIC SYSTEM.
- TEST ALARM ANNUALLY. ALARM SHOULD NOT BE SET TO "SILENT".
- CLEAN EFFLUENT FILTER ANNUALLY.



SCHEMATIC SYSTEM PROFILE

LEACHFIELD SITE PREPARATION: CUT ALL VEGETATION AND TRESS FLUSH WITH GROUND SURFACE UNDER THE LEACHFIELD SITE. REMOVE VEGETATION AND LEAVE STUMPS IN PLACE. THE SITE WITH A WOOD BOARD FLOW, FLOWING PARALLEL TO THE CONTOURS. ALTERNATELY, AN EXCAVATOR BUCKET MAY BE USED TO CREATE THE FLOWING PARALLEL WITH THE CONTOURS.

APPROVED SAND FILL: MOUND SAND FILL SHALL BE A SAND MATERIAL THAT MEETS ONE OF THE FOLLOWING SPECIFICATIONS:
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25-70% PASSING THE NO. 40 SIEVE
0-10% PASSING THE NO. 100 SIEVE
0-5% PASSING THE NO. 200 SIEVE
SAND B:
85-100% PASSING THE NO. 4 SIEVE
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10-30% PASSING THE NO. 60 SIEVE
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SAND C:
85-100% PASSING THE NO. 1/8 SIEVE
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LEACHFIELD STONE: SHALL BE 3/4-INCH TO 1 1/2-INCH, DOUBLE WASHED STONE. THE STONES SHALL BE FREE OF FINES AND DUST. PLACE STONE AND LEVEL OFF AT TOP OF STONE ELEVATION. TRENCH OUT STONE BY HAND TO REMOVE LATERALS.

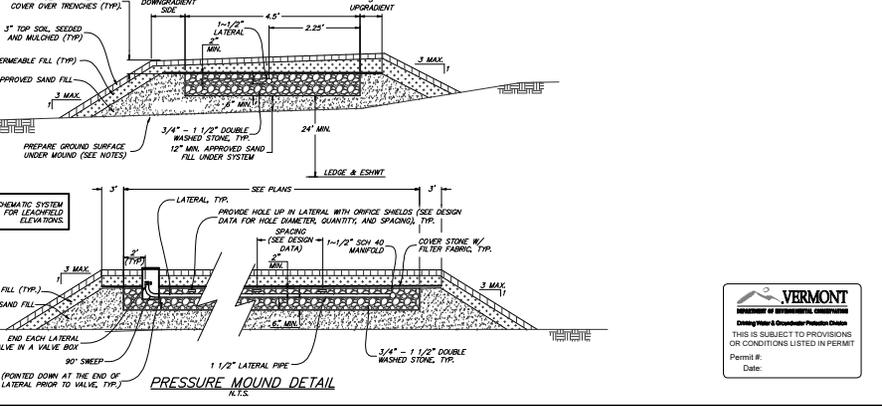
LATERAL DEEPS: SHALL BE 1 1/2" SCHEDULE 40 PVC.

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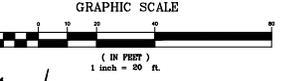
SURFACE RESTORATION: ALL DISTURBED AREAS SHALL BE TOPSOILED, LOAM SEED AND MULCH AS REQUIRED TO PROVIDE A DENSE PERMANENT GROWTH OF GRASS VEGETATION OR REPAIRED TO MATCH THE EXISTING SURFACE.

ELECTRICAL: SHALL BE BY A LICENSED ELECTRICIAN IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES.

DESIGNER'S INSPECTION: BEFORE COVERING ANY PART OF THE SYSTEM THE DESIGNER SHALL BE CONTACTED (1-888-445-5358) FOR FINAL INSPECTION DATE. PLEASE CALL 48-HOURS IN ADVANCE OF FINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE SYSTEM IN ACCORDANCE WITH THE PLANS USING THE SPECIFIED MATERIALS. THE CONTRACTOR SHALL FURNISH THE DESIGNER WITH DATED DOCUMENTATION FROM SUPPLIER UPON RECEIVING THE MATERIALS OR INSTALLATION IS NOT IN ACCORDANCE WITH THE PLANS, THE SYSTEM SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

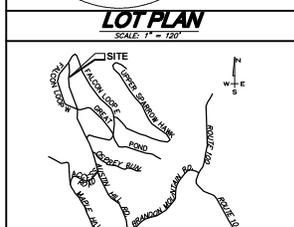
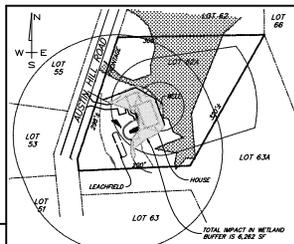


PRESSURE MOUND DETAIL



VERMONT
LICENSED DESIGNER OF SUBSURFACE SYSTEMS
STEPHEN C. PRO NO. 484
17939 EDGEWOOD WALK SOUTH BEND, VT 05488
802-254-5400

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 INCLUDES IN THIS APPLICATION A PERMITS COMPLIANT WITH THE VERMONT WASTE-WATER SYSTEM AND POTABLE WATER SUPPLY RULES AND THE VERMONT WATER SUPPLY RULES.



LOCUS
NOT TO SCALE

SEPTICPRO
Serving New Hampshire and Vermont Since 2004
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TEL: 802-254-5400
www.thesepticpro.com

MAX LEE
17939 EDGEWOOD WALK SOUTH BEND, IN 46335

SEPTIC SYSTEM CONSTRUCTION PLANS
FOR:
1628 AUSTIN HILL ROAD ROCHESTER, VERMONT

DWG. NO. **SS-1**

DATE: 2/16/2018
SHEET 1 OF 1

State of Vermont**Department of Environmental Conservation
Drinking Water & Groundwater Protection Division**

1 National Life Drive – Main 2

Montpelier VT 05620-3521

www.anr.state.vt.us/dec/ww/wwmd.cfm*Agency of Natural Resources*

[phone] 802-585-4911

[fax] 802-828-1541

Innovative/Alternative System Approval

General Use per §1-1001 of the
Wastewater System and Potable Water Supply Rules, September 29, 2007

Approval Number 2004-02-R3
Approval Date February 24, 2015

Vendor Information

Presby Environmental, Inc.
143 Airport Road
Whitefield, NH 03598

Technology Name

Advanced Enviro-Septic® (AES);
Enviro-Septic® (ES) and
Simple Septic® (SS) Pipe Leaching System

Contact

David W. Presby, President
Presby Environmental, Inc.
143 Airport Road
Whitefield, NH 03598
Phone (800) 473-5298
Fax (603) 837-9864
Web: www.PresbyEnvironmental.com

Technology Type

Gravelless Pipe Distribution System
for Septic Tank Effluent

Expiration Date

February 23, 2017

Approval

The Advanced Enviro-Septic® (AES), the Enviro-Septic® (ES), and the Simple Septic® (SS) Pipe Leaching Systems may be used as part of a subsurface wastewater disposal system approved under the Wastewater System and Potable Water Supply Rules, effective September 29, 2007 (Rules) under the following conditions:

1. The pipe leaching systems must be designed, installed and operated as described in the Vermont Design and Installation Manual, dated July 2014, filed with the Agency of Natural Resources (Agency).
2. This approval is based on treatment only of domestic wastewater of low and moderate strength as specified in §1-915(a)(1)(C) & (D) of the Rules. No high strength wastewater shall be dispersed using this technology. An AES, ES and SS Pipe Leaching Systems shall not be used as a filtrate effluent disposal system.



3. The system may be used for both new and replacement systems.
4. If the Rules are revised during the term of this approval, this approval shall be revised as needed to conform to the revisions.
5. The Licensed Designer (Designer) shall provide a copy of this approval letter to any landowner who is a prospective purchaser of an AES, ES or SS Pipe Leaching System prior to the sale of the system and prior to the filing of any application for a site-specific approval by the Agency for the purchaser's property. The application filed with the Agency shall include the landowner's written acknowledgement of this approval letter. Prior to any sale of the property or completion of a sales agreement to sell the property, a copy of the site-specific permit shall be provided to the prospective purchaser.
6. When a project is subject to the Rules, site-specific permission for the use of this product is required in the form of a Wastewater System – Potable Water Supply Permit.
7. A site-specific permit for the use of this product may be revoked if the system fails to function properly. Revocation of the permit will require that the use of the building be discontinued unless another wastewater disposal system is installed based on prior written approval by the Agency.
8. This approval is not a representation or guarantee of the effectiveness, efficiency or operation of an AES, ES or SS Pipe Leaching System.
9. Serial distribution shall be limited to 100 feet of pipe along the contour, and 500 feet total.
10. The Advanced Enviro-Septic® (AES) pipe is comprised of corrugated, perforated plastic pipe, Bio-Accelerator® fabric along its bottom which is surrounded by a layer of randomized plastic fibers and a sewn geo-textile fabric which provides over 40 sq. ft. of total surface area. The Enviro-Septic® (ES) pipe is comprised of corrugated, perforated plastic pipe which is surrounded by a layer of randomized plastic fibers and a sewn geo-textile fabric which provides over 25 sq. ft. of total surface area. The Simple Septic® (SS) pipe is comprised of corrugated plastic pipe which is surrounded by a single layer of sewn geo-textile fabric which provides over 15 sq. ft. of total surface area. The limited surface area of the SS as compared with the AES and ES may result in a shorter lifespan than the AES and ES pipe leaching systems.

Landowner Requirements

1. A copy of the permit shall be provided to any prospective purchaser prior to the sale.
2. Each new landowner of the property shall inform the appropriate Regional Environmental Office of the Agency within 30 days of the transfer of the property and include the name and mailing address of the new owner.

Vendor Requirements

1. The vendor shall submit an annual report to the Agency by April 1 of each year containing the following information for the 12 month period ending December 31 of the previous year:
 - A. New permitted systems installed in Vermont for the previous year and shall include:
 - i. Assigned Wastewater Permit Number;
 - ii. Physical and landowner mailing addresses;
 - iii. Name of current landowner;
 - iv. Name of Designer providing the installation certification; and
 - v. Name of installer.
 - B. Existing permitted systems with known changes in ownership shall include the Wastewater Permit Number; the physical and mailing address, and the name of the current landowner.
 - C. All known problems, damages and/or failures, including:
 - i. Description of the issues;
 - ii. Potential/known causes of problems;
 - iii. System operability;
 - iv. Recommended repair/remediation;
 - v. Date(s) of repair/remediation; and
 - vi. System effectiveness.Note: Repairs that are not defined by the Rules as a "Minor Repair" require approval by the Division prior to making the repair.
 - D. A list of names of Designers and Installers trained by the vendor.
2. The vendor shall train and certify Designers and installers in the proper use and installation of the AES, ES or SS pipe leaching systems.

Design and Review Conditions

The following conditions will be used by the Agency in reviewing permit applications that include an Advanced Enviro-Septic®, Enviro-Septic®, or Simple Septic® Pipe Leaching System:

Design and Application

1. The Designer shall specify which pipe leaching system is to be installed; the Advanced Enviro-Septic®, Enviro-Septic®, or Simple Septic® Pipe Leaching System;
2. The leaching system shall be designed in accordance with the approved Vermont Design and Installation Manual.
3. The designer shall assure that the system will properly function in all seasons.

4. The designer must assess the ventilation path for the particular application and make any necessary provisions to assure proper flow and control of odor emissions.
5. The designer shall provide the landowner with written guidance on the maintenance requirements and homeowner responsibilities in the care and use of an onsite wastewater system according to the AES, ES or SS pipe leaching system requirements for use of the product.
6. The designer shall include in the design a septic tank effluent filter with easy access for inspection and cleaning.

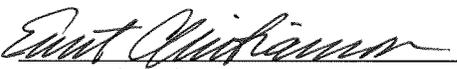
Installation Inspection

1. The specified pipe leaching system shall be installed in accordance with the approved plans and under the instruction and guidance of an installer/inspector trained by the vendor.
2. The leaching system shall be inspected by a Licensed Class 1 Designer or a Licensed Class B Designer, approved by the Vendor, during installation of the system and installation of all tanks before backfilling, and after backfilling and grading is complete. The inspection shall include checking for levelness of the pipes, and inspecting for damage and proper assembly. The Designer shall inspect all transport piping for proper installation and watertightness before backfilling.
3. A letter certifying that the system is correctly installed (including the language specified in §1-308 of the Rules) shall be provided electronically to the vendor and the approving Regional Office that issued the permit.
4. It is acceptable to substitute AES for specified ES or SS pipe; or to substitute ES for specified SS pipe for permitted wastewater designs. The above described substitutions may be accomplished in the installation certification and record drawing. All other substitutions require a Wastewater System and Potable Water Supply Permit amendment.

Permitting

1. The permit shall run with the land.

Effective Date: February 24, 2015

By 
Ernest Christianson
Regional Office Program Manager

**VERMONT AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
INDIVIDUAL WETLAND PERMIT AND DETERMINATION**

In the matter of:

Lydia Shui-Yen Lee Revocable Trust
17939 Edgewood Walk
South Bend, IN 46635

Application for the construction of a single-family residence with driveway access, septic, parking/garage, and lawn area with proposed impacts to zero [0] square feet of wetland and 6,262 square feet of buffer zone.

1628 Austin Hill Road, Rochester

File #: 2017-462
DEC ID #: NS18-0030

Date of Decision: April 4, 2023
Permit Decision: **Approved**
Wetland Determination: **Class II**
Permit Expiration: April 4, 2023

Any activity in a Class I or Class II wetland or its associated buffer zone is prohibited unless it is an allowed use under the Vermont Wetland Rules (VWR) or unless it receives a permit allowing such activity. 10 V.S.A. § 913. Applicants for an individual permit for a proposed activity in any Class I or Class II wetland or its buffer zone must demonstrate that the proposed activity complies with the VWR and will have no undue adverse effects on protected functions and values. VWR § 9.5(a).

The Secretary may, upon a petition or on his or her own motion, determine whether any wetland is a Class II wetland or a Class III wetland, pursuant to 10 V.S.A. § 914 and the Vermont Wetland Rules, Vt. Code R. 12 004 056 (VWR). The Secretary may establish the necessary width of a buffer zone of any Class II wetland as part of any wetland determination pursuant to the Rules.

As required under 10 V.S.A. § 914 and Section 8 of the VWR, this wetland determination is based on an evaluation of the functions and values of the subject wetland as described in Section 5 of the VWR. Public notice of this wetland determination has been given in accordance with Section 8.3 of the VWR.

The Vermont Agency of Natural Resources (Agency) received an application and petition (application) dated February 5, 2018 from Lydia Shui-Yen Lee Revocable Trust (permittee) seeking an individual Vermont Wetland Permit for a project involving activities in a wetland and associated buffer zone located in Rochester, Vermont. The Agency gave notice of the application in accordance with the VWR. The Agency considered all comments received during the public comment period during review of the application and issuance of this permit.

DECISION AND PERMIT CONDITIONS

1. Based on the Findings contained in this permit below, the Secretary has determined that the proposed project will comply with 10 V.S.A. chapter 37 and the VWR and will have no undue adverse effect on protected functions and values of the wetland. The permittee has demonstrated that the project will have no undue adverse effects on the protected functions and values of the significant wetland and associated buffer zone, provided the project is conducted in accordance with the following conditions:

- A. All activities in the wetland and buffer zone shall be completed, operated, and maintained as set forth in the permit application #2017-462 and the supporting materials submitted with the permit application including
- site plans titled SS-1 – authored by Steve Pro of Septic Pro, dated 3/7/17 and Revised 1/29/18.

No material or substantial changes shall be made to the project without the prior written approval of the Vermont Wetlands Program. Project changes, including transfer of property ownership prior to commencement of a project, may require a permit amendment and additional public notice.

- B. The permittee shall record this permit in the land records of the Town of Rochester for all properties subject to the permit. Within 30 days of the date of issuance of this permit, the permittee shall supply the Vermont Wetlands Program with a copy of the recording of this permit.
- C. Prior to commencement of the approved project, the permittee shall notify the Vermont Wetlands Program electronically in writing of the date the project will commence.
- D. **Prohibitions:** No additional activities are allowed in the wetland and associated buffer zone without the approval of the Secretary unless such activities are allowed uses under VWR § 6. No draining, dredging, filling, grading, or alterations of the water flow is allowed. No cutting, clearing, or removal of vegetation within the wetland and buffer zone is allowed with the exception of the proposed project area as approved by this permit.
- E. This permit expires five years from the date of issuance. If the permittee has not completed all construction activities covered by this permit before the expiration date and wishes to continue construction, the permittee must request a permit extension or apply for a new permit. Any request for an extension must be received by the Agency at least 30 days prior to the end of the five year period in order to prevent the expiration of the permit. A request for extension may be considered a minor modification at the discretion of the Secretary. Pursuant to VWR § 9.1, projects may not be extended beyond ten years of the issuance date.
- F. Wetland boundary delineations are valid for five years. The delineations will need to be re-evaluated by a qualified wetland consultant if the project is not constructed during the five-year period and a request for an extension is submitted.

- G. Within 30 days of completion of the work approved by this permit, the permittee shall supply the Vermont Wetlands Program with a letter certifying that the project was constructed in compliance with the conditions of this permit.
 - H. If a stormwater construction permit is obtained for this project, the erosion prevention and control requirements of that permit shall be followed. At minimum, the permittee shall comply with the following: A continuous line of silt fence shall be properly installed by the permittee immediately upgradient of the snow fence or tape prior to any construction and shall be regularly maintained. Care shall be taken to ensure that silt fence is installed on the contour and not in areas of concentrated flow such as stream channels or ditches. Sediment shall be cleaned out before and after any significant storm event or when sediment has reached less than half the height of the fence. Removed sediments shall be disposed of in a stable, upland area outside the 50-foot buffer zone at least 100 feet from waters of the state and stabilized immediately with seed and mulch at a minimum. All other disturbed soils shall be seeded and mulched within 48 hours of final grading. All sediment barriers and construction fencing shall be removed following the successful establishment of vegetation.
 - I. All contractors' equipment shall be cleaned so as to contain no observable soil or vegetation prior to work in wetlands and buffer zones to prevent the spread of invasive species. The permittee shall monitor the portion of the wetland in question annually during early July for five years following construction for the nuisance plant species purple loosestrife (*Lythrum salicaria*) and common reed (*Phragmites australis*). All nuisance plants found shall be pulled by hand and disposed of by burial or burning in a non-wetland location. If hand pulling is not feasible, a state approved invasive species control plan is required.
 - J. Permanent demarcation in the form of a split rail fence shall be installed along the limits of disturbance before home occupancy.
2. The Secretary maintains continuing jurisdiction over this project and may at any time order that remedial measures be taken if it appears that undue adverse impacts to the protected functions and values of the wetland or buffer are occurring or will occur.
 3. This permit does not relieve the permittee of the responsibility to comply with any other applicable federal, state, and local laws, regulations, and permits.
 4. The permittee shall allow the Secretary or the Secretary's representatives, at reasonable times and upon presentation of credentials, to enter upon and inspect the permitted property for the purpose of ascertaining compliance with this permit, the VWR, and the Vermont Water Quality Standards, and to have access to and copy all records required to be prepared pursuant to this permit.
 5. The Agency accepts no legal responsibility for any damage direct or indirect of whatever nature and by whomever suffered arising out of the approved project. This permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to public or private property, or any invasion of personal rights, or any infringement of federal, state, or local laws or regulations. This permit does not obviate the necessity of obtaining such federal, state, or local permits or approvals as

may be required by law. Nothing in this permit shall be construed to preclude the institution of legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under other laws.

6. Within 15 days of the date of the decision, the permittee, any person entitled to notice under VWR § 9.2, or any person who filed written comments regarding the permit application may request in writing reconsideration of the decision by the Secretary in accordance with VWR § 9.6.

DETERMINATION DECISION

1. Based on the Findings listed below, the Secretary has determined that the wetland under consideration is a Class II wetland.
2. Activity in a Class II wetland or its associated buffer zone is prohibited unless it is an allowed use under the VWR, or unless it is authorized by a permit, conditional use determination or order issued by the Secretary. The Secretary may impose any permit conditions as necessary to achieve the purposes of the VWR. Section 9.1 of the VWR. This Determination does not relieve the petitioner or any other person of the responsibility to comply with all other applicable federal, state or local laws. The attached mapping of the wetland shall be added to the Vermont Significant Wetlands Inventory.
3. **Reconsideration of Wetlands Determination** Within 15 days of the date of this decision, the applicant, any person entitled to notice under Section 8.3(a) of the VWR, or any person who filed written comments regarding the permit application may request in writing reconsideration by the Secretary. Section 8.4 of the VWR. Such a request shall specify all action(s) for which reconsideration is sought and shall provide an explanation of the reason(s) why the request is filed. Where a request for reconsideration has been properly filed, additional evidence may be submitted concerning the functions and values of the wetland, and concerning any other material issue as deemed appropriate by the Secretary. The Secretary may appoint a designee, who shall be at the Division Director level or higher, to render a decision on the request for reconsideration. The Secretary's written reconsideration decision shall be issued as expeditiously as possible under the circumstances, and shall be distributed in accordance with §8.3(c) of the Wetland Rules. If the Secretary fails to act on a request for reconsideration within 20 days of its filing, the request shall be deemed to be denied. The Secretary's written reconsideration decision shall constitute a final act or decision of the Secretary, subject to appeal pursuant to 10 V.S.A. § 8504 and Section 10 of these Rules.
4. No request for reconsideration may be filed concerning or resulting from a request for reconsideration. If the Secretary fails to act on a request for reconsideration within 20 days of its filing, the request shall be deemed to be denied.
5. Filing a timely request for reconsideration with the Secretary tolls the 30-day period for filing an appeal with the Environmental Court. The full time for appeal shall commence to

run and shall be computed from the date of the issuance of the Secretary's decision on the reconsideration request.

GENERAL CONDITIONS

The following conditions shall apply to both the wetlands permit and determination:

1. **Appeals.** Any person with an interest in this matter may appeal this decision pursuant to 10 V.S.A. § 917. Pursuant to 10 V.S.A. chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Division of the Superior 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 Division; 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; the name of the permittee; and 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. The address for the Environmental Division is: 32 Cherry Street, 2nd Floor, Suite 303, Burlington, VT 05401 (Tel. # 802-951-1740).

FINDINGS

1. The Agency received a complete permit application and determination petition from Lydia Shui-Yen Lee Revocable Trust for a Vermont Wetland Permit and wetland determination on February 5, 2018.
2. The wetland and adjacent 50-foot buffer zone are located at 1628 Austin Hill Road.
3. Zapata Courage District Wetlands Ecologist, conducted a site visit to the subject property with Karina Dailey, Steve Pro, Terry Shearer, Lynn Lee, Laura Woods, and Peter Mazurak on 10/4/2017.
4. The wetland meets the presumptions listed in VWR § 4.6, the wetland is of the same type and threshold size as those mapped on the VSWI maps or greater than 0.5 acres (VWR §4.6a).
5. The wetland in question is described in detail in Sections 4 and 5 of the permit application. The wetland complex is approximately 1.5 acres composed of 50% forested, 30% scrub-shrub, and 20% emergent wetland habitat. The subject wetland is located at the southernmost point of wetland complex where spring seeps discharge at the toe of slope along a montane shelf. It is dominated by *Acer rubrum*, *Fraxinus nigra*, *Picea rubens*, *Myosotis scorpioides*, *Athyrium asplenoides*, and *Impatiens capensis*. Soils in this area were described as hydric consisting of a thin dark surface, with surface saturation as well as evidence of season flooding observed.
6. The proposed project is described in detail in Sections 17 and 18 of the permit application. The project consists of the construction of a single-family residence with driveway access, septic, parking/garage, and lawn area.

7. Proposed impacts to the wetland and buffer zone, summarized in Section 19 of the permit application, are as follows:

Wetland Alteration:		Buffer Zone Alteration:	
Wetland Fill:	0 sq.ft.		
Temporary:	0 sq.ft.	Temporary:	0 sq.ft.
Other Permanent:	0 sq.ft.	Permanent:	6,262 sq.ft.
Total Wetland Impact	[0] sq.ft.	Total Buffer Zone Impact:	6,262 sq.ft.

8. The protected functions of the wetland complex include the following: water storage for flood water and storm runoff (VWR § 5.1), and surface and groundwater protection (VWR § 5.2).
9. The following functions are either not present or are present at such a minimal level as to not be protected functions: fish habitat (VWR § 5.3), wildlife habitat (VWR § 5.4), exemplary wetland natural community (VWR § 5.5), threatened and endangered species habitat (VWR § 5.6), education and research in natural sciences (VWR § 5.7), recreational value and economic benefits (VWR § 5.8), open space and aesthetics (VWR § 5.9), and erosion control through binding and stabilizing the soil (VWR § 5.10).
10. The wetland complex is significant for water storage for flood water and storm runoff function as demonstrated in Section 7 of the permit application. Based on the factors described in Section 7.2 of the application, as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
11. The wetland complex is significant for the surface and ground water protection function as described in Section 8 of the permit application. Based on the factors described in Section 8.2 of the application, as confirmed through a site visit by Agency staff, the proposed project will not result in an undue adverse impact to this function.
12. Under 10 V.S.A. § 913 and VWR § 9.5, the Secretary may authorize activities in a Class II wetland or in its buffer zone if the Secretary determines that it complies with the VWR and will have no undue adverse effect on the protected functions and values. Based on the permit application, the site visit(s) by Agency staff, and the foregoing findings and analysis, the Secretary has determined that the proposed project will have no undue adverse effects on the protected functions and values of the Class II wetland.
13. Pursuant to VWR § 9.5(b), the permittee has demonstrated that the proposed activity in the wetland cannot practicably be located outside the wetland or on another site owned, controlled, or available to satisfy the basic project purpose. All practicable measures have been taken in this proposal to avoid adverse impacts on protected functions, as described in the application.

In summary, design alternatives that were implemented for this project included footprint revisions to avoid wetland impacts while at the same time meeting the intent of the project (single family home). Revisions included shortening the driveway to bring the house and garage out of the wetland. During construction a silt fence will be installed along the wetland

limits of disturbance and a split rail fence along the limits of disturbance adjacent the proposed house and lawn area will provide permanent demarcation to protect the wetland into the future.

14. No public comments were received during the public comment period.

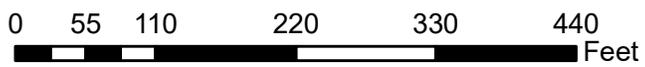
Emily Boedecker, Commissioner
Department of Environmental Conservation

e-Signed by  Laura Lapierre
by: on 2018-04-04 12:26:48 GMT

Laura Lapierre, Program Manager
Wetlands Program
Watershed Management Division

Dated at Montpelier, Vermont
this fourth day of April 2018

EB/LVPL/ZC



**VSWI Map Change
Project #2017-462.D**
 Cartographer: L. M. Woods
 Date: February 13, 2018

Legend

-  Pending Class II Wetland 2017-462
-  Mapped VSWI Class II Wetland
-  Class 3 Town Road

**VERMONT AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

INDIVIDUAL WETLAND PERMIT EXTENSION

In the matter of:

Lydia Shui-Yen Lee Revocable Trust
C/O Max Lee
17939 Edgewood Walk
South Bend, IN 46635

File #: 2017-462

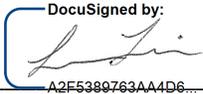
Decision Date: June 16, 2022
Decision: **Approved**
Expiration Date: April 4, 2028

The Vermont Agency of Natural Resources (Agency) received a request dated March 18, 2022 from Lynn Lee (permittee) seeking an amendment to an individual Vermont Wetland Permit 2017-462 for a project involving activities in a wetland and associated buffer zone located in Rochester, Vermont.

This authorization is to extend the Individual Wetlands Permit 2017-462 expiration date for an additional five (5) years; from 4/4/2023 to 4/4/2028.

The Secretary finds that the permittee has re-evaluated and re-delineated the wetland resources impacted by the authorized activity and there will be no impacts to Class I or Class II wetland or buffer beyond those impacts permitted under the original permit. Other than the revisions described in this amendment, all other aspects of this project shall be carried out consistent with the original proposal and conditions listed in Vermont Wetlands Individual Permit 2017-462.

Julie S. Moore
Agency of Natural Resources

by:  _____
A2F5389763AA4D6...
Laura Lapierre, Program Manager
Wetlands Program
Watershed Management Division

Dated at Montpelier, Vermont
this sixteenth day of June, 2022

JSM/LVPL/ZC

ROCHESTER TOWN CLERK'S OFFICE
REC'D FOR RECORD FEB 1 A.D. 20 07
AT 9 O'CLOCK 10 MINUTES AM
AND RECORDED IN BOOK 83 PAGE 45-48
ATTEST Lisa P. Stulman TOWN CLERK
AS ST.

TRUST DEED

KNOW ALL MEN BY THESE PRESENTS THAT We, Lawrence H. Lee and Lydia S. Lee of South Bend, County of St. Joseph and State of Indiana, Grantors, for Ten Dollars and other valuable consideration received, receipt of which is hereby acknowledged, hereby GIVE, GRANT, SELL, CONVEY AND CONFIRM unto said Lydia Shui-Yen Shen Lee, Trustee under the LYDIA SHUI-YEN SHEN LEE REVOCABLE LIVING TRUST dated the 17th of November, 1997, Trustee's successors and assigns forever, certain lands, with any improvements thereon and appurtenances thereto, in the Town of Rochester, County of Windsor and State of Vermont (hereinafter called the "Premises") and described and follows"

Being all and the same land and premises conveyed to Lawrence H. Lee and Lydia S. Lee, husband and wife, by Warranty Deed of Great Hawk Corporation, dated February 25, 1976 and recorded in Book 39, pages 421-422 of the Rochester, Vermont land records, to which deed and the deeds, covenants, restrictions and rights of way, including an equity interest in the Great Hawk Cooperative Water System, mentioned therein, reference may be had in aid of this description. The above reference deed states the following:

"Being Lot 62A at Great Hawk Colony in Rochester, Vermont, as shown on the Great Hawk Colony Master Plan, previously filed in Rochester, Vermont Town Clerk's office and Great Hawk's Colony Site Plan, Great Pond and Northern Sector, with original date of October 6, 1970, revised October 10, 1975, and filed in the Rochester, Vermont Town Clerk's office October 10, 1975, to which reference may be had..."

The lands and premises are conveyed subject to all easements and rights-of-way of record.

(Reference is hereby made to the above-named Trust Agreement, the Rochester, Vermont town land records thereof and the references therein contained in further aid of this description.)

TO HAVE AND TO HOLD said granted Premises to the Trustee, Lydia Shui-Yen Shen Lee, Trustee under Revocable Living Trust dated the 17th of November, 1997, in fee simple, with the appurtenances thereunto belonging upon the trusts and for the uses and purposes set forth herein and in said Trust Agreement.

Full power and authority is hereby granted to the Trustee, Lydia Shui-Yen Shen Lee, and her successors and assigns to protect and conserve the Premises; to sell, contract to sell and grant options to purchase the Premises and any right, title or interest therein on any terms; to exchange the Premises or any part thereof for any other real or personal property upon any terms; to convey the Premises by deed or other conveyance to any grantee, with or without consideration; to mortgage, pledge, or otherwise encumber the Premises or any part thereof, to lease, contract to lease, grant options to lease and renew, extend, amend and otherwise modify leases on the Premises or any part thereof from time to time, for any period of time, for any rental and upon any other terms and conditions; and to release, convey or assign any other right, title or interest whatsoever in the Premises or any part thereof.

No party dealing with the Trustee, Lydia Shui-Yen Shen Lee, in relation to the Premises in any manner whatsoever, and (without limiting the foregoing) no party to whom the Premises or any part thereof or any interest therein shall be conveyed, contracted to be sold, leased, or mortgaged by the Trustee, Lydia Shui-Yen Shen Lee, shall be obliged (a) to see to the application of any purchase money, rent or money borrowed or otherwise advanced on the Premises, (b) to see that there is compliance with the terms of said Trust Agreement, (c) to inquire into the authority, necessity or expedience of any act of the Trustee, Lydia Shui-Yen Shen Lee, or (d) be privileged to inquire into any of the terms of said Trust Agreement. Every deed, mortgage, lease or other instrument executed by the Trustee, Lydia Shui-Yen Shen Lee in relation to the Premises shall be conclusive evidence in favor of every person claiming any right, title or interest, there-under: (a) that at the time of the delivery thereof, the Trust Agreement was in full force and effect, (b) that such instrument was executed in accordance with the trusts, terms and conditions hereof and the Trust Agreement and is binding upon all beneficiaries there-under, (c) that the Trustee, Lydia Shui-Yen Shen Lee was duly authorized and empowered to execute and deliver every such instrument, and (d) if a conveyance has been made by a successor or successors in trust, that such successor or successors have been properly

appointed and are fully vested with all the title, estate rights, powers, duties and obligations of its, his or their predecessor in trust.

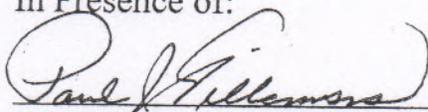
The Trustee, Lydia Shui-Yen Shen Lee shall have no individual liability or obligation whatsoever arising from her ownership as trustee of the legal title to the Premises or with respect to any act done or contract entered into or indebtedness incurred by Lydia Shui-Yen Shen Lee in dealing with the Premises, or in otherwise acting as such trustee, except only so far as the Premises and any trust funds in the actual possession of the Trustee, Lydia Shui-Yen Shen Lee, shall be applicable to the payment and discharge thereof.

The interest of every beneficiary hereunder and under the Trust Agreement and of all persons claiming under any of them shall be only in the earnings, avails and proceeds arising from the rental, sale or other disposition of the Premises. Such interest is hereby declared to be personal property, and no beneficiary hereunder shall have the right, title or interest, legal or equitable, in or to the Premises, as such, but only in the earnings, avails and proceeds thereof as provided by the Trust Agreement.

Except as hereinabove noted, the Grantors, Lawrence H. Lee and Lydia S. Lee, covenant that they have the right to convey the Premises to the Trustee, Lydia Shui-Yen Shen Lee, that the Trustee, Lydia Shui-Yen Shen Lee, shall have the quiet possession of the Premises, free from all encumbrances, except as aforesaid, and that Grantors, Lawrence H. Lee and Lydia S. Lee will execute such further assurances of the said Premises as may be requisite.

IN WITNESS WHEREOF We hereunto set our hands and seals this 23rd day of January, 2007.

In Presence of:


Witness Paul J. Tillemans

 L.S.
Lawrence H. Lee

Lydia S. Lee L.S.
Lydia S. Lee

State of Indiana
St. Joseph County, ss.

At South Bend this 23rd day of January, 2007, Lawrence H. Lee and Lydia S. Lee personally appeared, and they acknowledged this instrument, by them sealed and subscribed, to be their free act and deed.

Before Me

Paul J. Tillemans

Notary Public SEAL Paul J. Tillemans

A Resident of St. Joseph County, Indiana

MY COMMISSION EXPIRES: March 7, 2009