

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	Shapleigh	Town/City	Permit #
Street or Road	22 Back Rd	Date Permit Issued	Fee: \$ Double Fee Charged ☐
Subdivision, Lot #			L.P.I. #
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature	
		Fee: \$ state min fee \$ Locality adopted fee Copy: ☐ Owner ☐ Town ☐ State	
Name (last, first, MI)		The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.	
Shapleigh Town of Applicant			
Mailing Address of Owner/Applicant			
P.O. Box 26		Municipal Tax Map # Lot #	
Shapleigh ME 04076			
Daytime Tel. #			
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.	
		(1st) date approved	
Signature of Owner or Applicant Date		Local Plumbing Inspector Signature (2nd) date approved	
PERMIT INFORMATION			
TYPE OF APPLICATION ☒ 1. First Time System ☐ 2. Replacement System Type replaced: Year installed:	THIS APPLICATION REQUIRES ☒ 1. No Rule Variance ☐ 2. First Time System Variance a. Local Plumbing Inspector Approval b. State & Local Plumbing Inspector Approval ☐ 3. Replacement System Variance a. Local Plumbing Inspector Approval b. State & Local Plumbing Inspector Approval ☐ 4. Minimum Lot Size Variance ☐ 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENTS ☒ 1. Complete Non-engineered System ☐ 2. Primitive System (graywater & alt. toilet) ☐ 3. Alternative Toilet, specify: ☐ 4. Non-engineered Treatment Tank (only) ☐ 5. Holding Tank, _____ gallons ☐ 6. Non-engineered Disposal Field (only) ☐ 7. Separated Laundry System ☐ 8. Complete Engineered System (2000 gpd or more) ☐ 9. Engineered Treatment Tank (only) ☐ 10. Engineered Disposal Field (only) ☐ 11. Pre-treatment, specify: ☐ 12. Miscellaneous Components	
SIZE OF PROPERTY 17 SQ. FT. ACRES	DISPOSAL SYSTEM TO SERVE ☐ 1. Single Family Dwelling Unit, No. of Bedrooms: _____ ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☒ 3. Other: Community Center (specify) Current Use Seasonal Year Round Undeveloped	TYPE OF WATER SUPPLY ☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other	
SHORELAND ZONING Yes ☐ No ☒	DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)		
TREATMENT TANK ☒ 1. Concrete a. Regular b. Low Profile ☐ 2. Plastic ☐ 3. Other: CAPACITY: 1000 GAL	DISPOSAL FIELD TYPE & SIZE ☐ 1. Stone Bed ☐ 2. Stone Trench ☒ 3. Proprietary Device Concrete Chambers a. cluster array ☒ Linear b. regular load ☒ H-20 load ☐ 4. Other: SIZE: 384 sq. ft. lin. ft.	GARBAGE DISPOSAL UNIT ☒ 1. No ☐ 2. Yes ☐ 3. Maybe Yes or Maybe, specify one below: ☐ a. multi-compartment tank ☐ b. _____ tanks in series ☐ c. increase in tank capacity ☐ d. Filter on Tank Outlet	DESIGN FLOW 260 gallons per day BASED ON: 1. Table 4A (dwelling unit(s)) 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities 130 people @ 2.3 gal/person 3. Section 4G (meter readings) ATTACH WATER METER DATA
SOIL DATA & DESIGN CLASS PROFILE CONDITION 3.1 ALLC at Observation Hole # 2 Depth 24" of Most Limiting Soil Factor	DISPOSAL FIELD SIZING ☐ 1. Medium—2.6 sq. ft. / gpd ☒ 2. Medium—Large 3.3 sq. ft. / gpd ☐ 3. Large—4.1 sq. ft. / gpd ☐ 4. Extra Large—5.0 sq. ft. / gpd	EFFLUENT/EJECTOR PUMP ☒ 1. Not Required ☐ 2. May Be Required ☐ 3. Required Specify only for engineered systems: DOSE: _____ gallons	LATITUDE AND LONGITUDE at center of disposal area Lat. 43 d 32 m 23 s Lon. 76 d 50 m 44 s if g.p.s., state margin of error: ± 20 FT
SITE EVALUATOR STATEMENT			
I certify that on 12-9-22 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).			
Kenneth Gardner Site Evaluator Signature		73 SE #	12-9-22 Date
Kenneth Gardner Site Evaluator Name-Printed		207-637-2260 Telephone Number	E-mail Address
Note : Changes to or deviations from the design should be confirmed with the Site Evaluator.			

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

Shapleigh

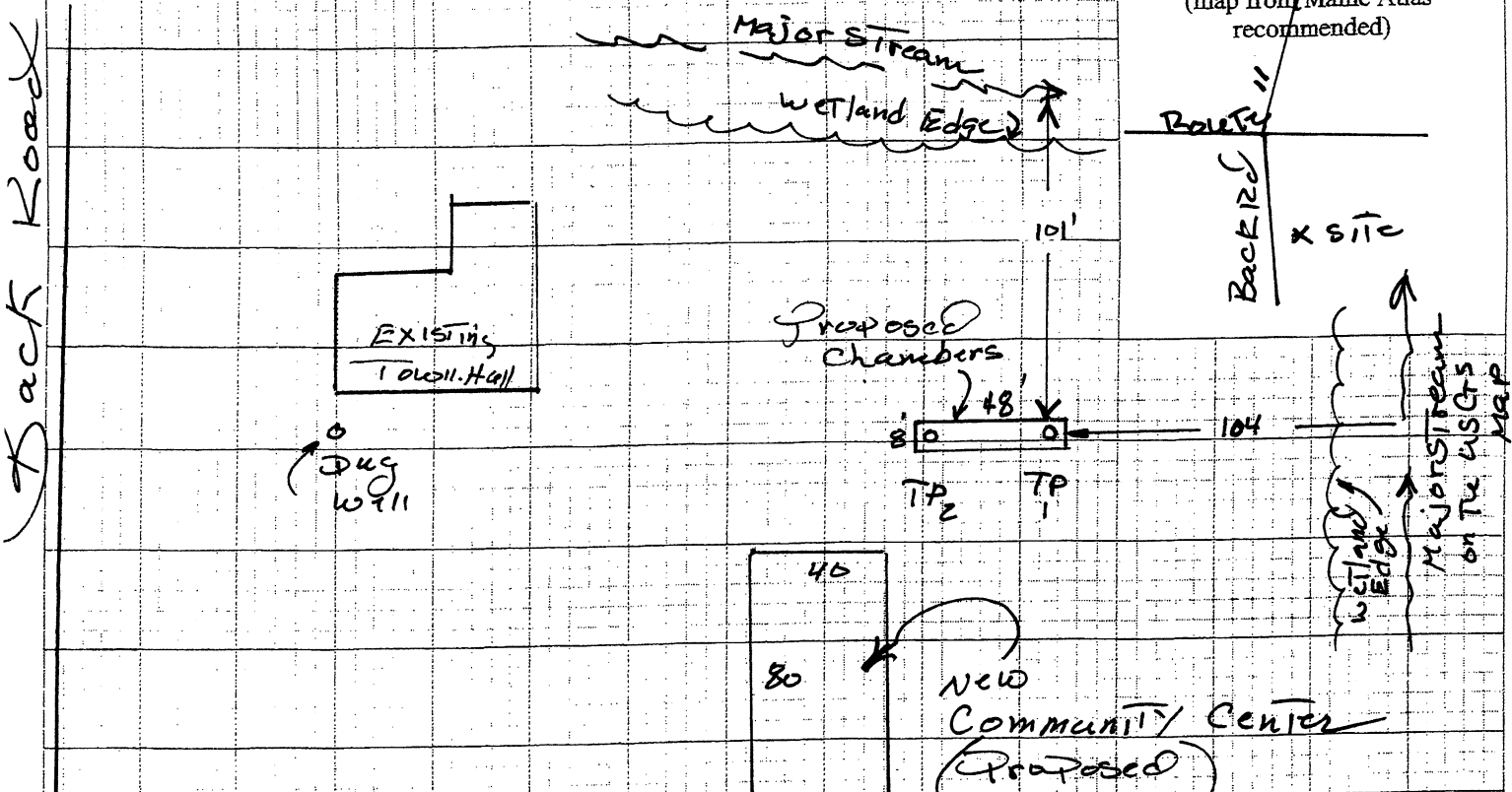
22 Back Rd

town of Shapleigh

SITE PLAN

Scale 1" = 60 ft. or as shown

SITE LOCATION PLAN
(map from Maine Atlas recommended)



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole 1 ☒ Test Pit ☐ Boring
2" Depth of Organic Horizon Above Mineral Soil

Observation Hole 2 ☒ Test Pit ☐ Boring
2" Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0	fine	Dark Br.	
10	Sandy loam	10YR 3/3	
20	Sandy loam	Yell Br.	
30		10YR 5/6	few
40	Firm	light gray Br.	
50			

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0	fine	Dark Br.	
10	Sandy loam	10YR 3/3	
20	Sandy loam	Yell Br.	
30		10YR 5/6	few
40	Firm	light	
50	Bedrock		

Soil Classification <u>3 C</u> Profile Condition	Slope <u>3-5%</u>	Limiting Factor <u>24"</u>	☒ Ground Water <u>24"</u> ☐ Restrictive Layer <u>38"</u> ☐ Bedrock ☒ Pit Depth <u>48"</u>
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Soil Classification <u>3 A/C</u> Profile Condition	Slope <u>3-5%</u>	Limiting Factor <u>24"</u>	☒ Ground Water <u>24"</u> ☐ Restrictive Layer <u>28"</u> ☒ Bedrock <u>36"</u> ☐ Pit Depth <u>36"</u>
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Kenneth Gardner

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12-9-22

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22 Back Rd

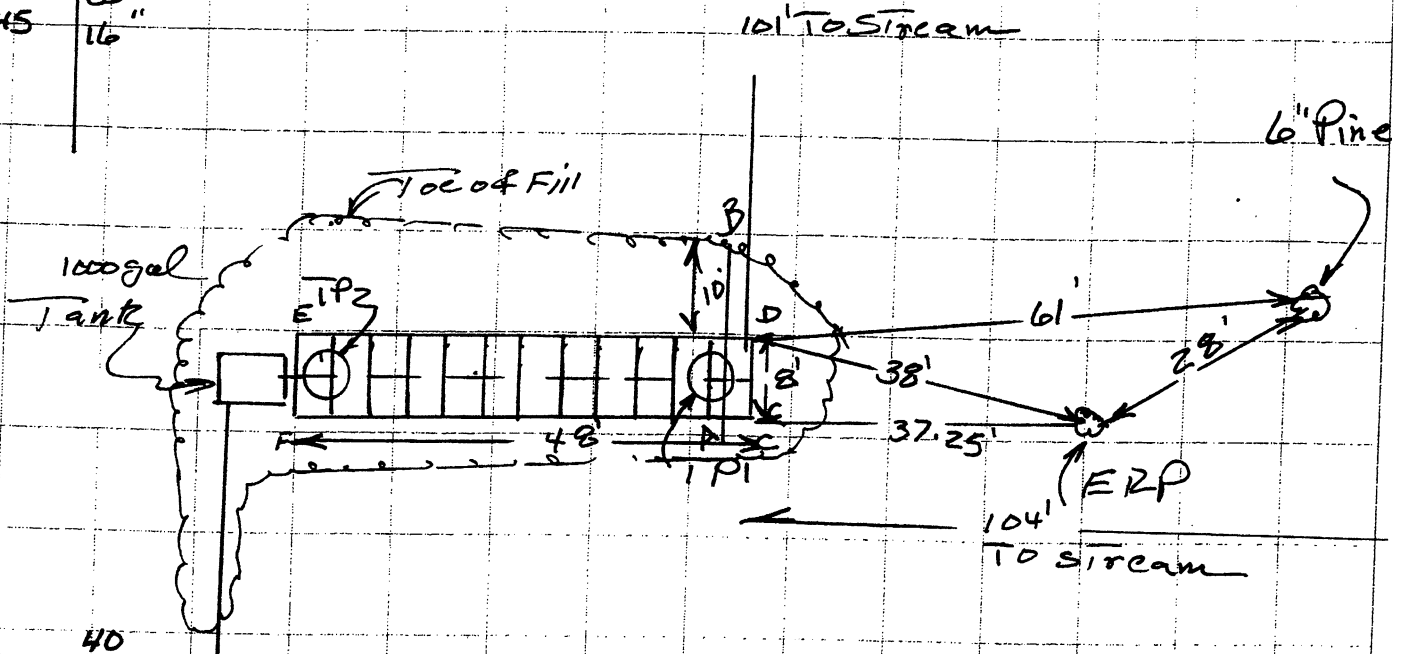
Town of Shapleigh

SUBSURFACE WASTEWATER DISPOSAL PLAN

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SCALE: 1" = 20 FT.

Elev	Fill
C-46	11"
D-44	15"
E-49	20"
F-45	16"



FILL REQUIREMENTS

Depth of Fill (Upslope)	11"
Depth of Fill (Downslope)	15"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	-29"
Top of Distribution Pipe or Proprietary Device	-33"
Bottom of Disposal Area	-52"

ELEVATION REFERENCE POINT

Location & Description: 6" Pine with a nail 39' above the ground
Reference Elevation: at Elev 0"

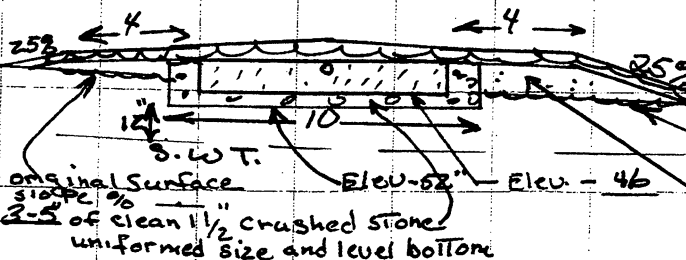
DISPOSAL AREA CROSS SECTION

Scale

Horizontal 1" = 6 ft.

Vertical 1" = 6 ft.

A 8' B



- Place Diversion Ditch uphill of system as needed.
- Remove vegetation and scarify the original surface.
- Mix fill, when need, to a depth of 6" with the original soil - Transitional Horizon.
- Fill shall be gravelly coarse sand, 4-8% passing a #200 sieve.
- Install Per The Rules
- insulate D. Box if used and pipe from tank.

Handwritten signature of Site Evaluator

23

12-9-22

Site Evaluator Signature

SE #

Date