

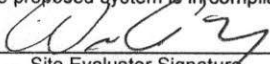
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Div. Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	TREMONT	Town/City _____	Permit # _____
Street or Road	ALDER LANE	Date Permit Issued ____/____/____ Fee \$ _____ Double Fee Charged ()	
Subdivision, Lot #	PORTION OF LOT 3	L.P.I. # _____	
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature _____	
Name (last, first, MI)	CHAMBERLAIN, HANNAH	Fee: \$ _____ state min. fee \$ _____	Locally adopted fee _____
	☒ Owner ☐ Applicant	Copy: ☐ Owner ☐ Town ☐ State	
Mailing Address of	90 FERN MEADOW DRIVE	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 the application and the Maine Subsurface Wastewater Disposal Rules.	
☒ Owner ☐ Applicant	BAR HARBOR, ME. 04609		
Daytime Tel. #		Municipal Tax Map # _____ Lot # _____	
email address:			
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 Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant _____ Date _____		(1st Date Approved) _____	
		Local Plumbing Inspector Signature _____ (2nd Date Approved) _____	

PERMIT INFORMATION		
TYPE OF APPLICATION ☒ 1. First Time System ☐ 2. Replacement System Type Replaced: _____ Year Installed: _____ ☐ 3. Expanded System ☐ a. Minor Expansion <25% ☐ b. Major Expansion ≥ 25% ☐ 4. Experimental System ☐ 5. Seasonal Conversion SIZE OF PROPERTY _____ sq. ft. ☐ 3.10 acres ☒ SHORELAND ZONING ☐ Yes ☒ No	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 TO SERVE ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: (SPECIFY) _____ Current Use: ☐ Seasonal ☐ Year Round ☒ Undeveloped	DISPOSAL SYSTEM COMPONENT(S) ☐ 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 _____ TYPE OF WATER SUPPLY ☒ Proposed ☐ Existing ☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK ☒ 1. Concrete ☐ a. Regular OR ☐ b. Low Profile ☐ c. with lift station ☐ d. water tight ☐ e. two compartment ☐ 2. Plastic ☐ 3. Other: _____ CAPACITY <u>1200</u> gallons	DISPOSAL FIELD TYPE & SIZE ☐ 1. Stone Bed ☐ 2. Stone Trench ☒ 3. Proprietary Device <u>10 END</u> <u>FEED CONCRETE CHAMBERS</u> ☐ a. Cluster Array ☐ c. Linear ☐ b. Regular load ☐ d. H-20 load ☐ 4. Other: _____ SIZE <u>900</u> sq. ft. ☐ lin. ft.	GARBAGE DISPOSAL UNIT ☒ 1. No ☐ 2. Yes ☐ 3. Maybe If Yes or Maybe, specify one below: ☐ a. Multi-compartment Tank ☐ b. _____ Tanks in Series ☐ c. Increase in Tank Capacity ☐ d. Filter on Tank Outlet	270 DESIGN FLOW gallons per day BASED ON ☒ 1. Table 4A (dwelling unit(s)) ☐ 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities <u>3 BEDROOMS</u>
SOIL DATA & DESIGN CLASS PROFILE <u>3 ID/A, III</u> CONDITION _____ at Observation Hole # <u>3</u> Depth <u>12</u> " S.G.W.T. 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	☐ 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. <u>44° 16' 34.3" N</u> Lon. <u>68° 23' 18.5" W</u> if g.p.s., state margin of error <u>30'</u>

SITE EVALUATOR STATEMENT		
I certify that on <u>5-15-2023</u> (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).		
Site Evaluator Signature  WILLIAM A. LaBELLE, JR.	319 SE# (207) 537-5900 Telephone Number	5-24-23 Date labelleseptic@rivah.net E-mail Address
Site Evaluator Name Printed Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.		

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(207) 287-2070 FAX (207) 287-4172

Town, City, Plantation
TREMONT

Street, Road, Subdivision
ALDER LANE

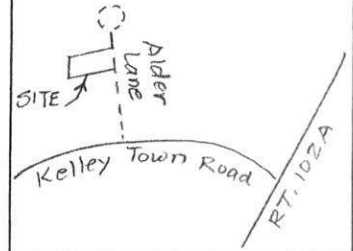
Owner or Applicant Name
HANNAH CHAMBERLAIN

SITE PLAN

Scale 1" = _____ Ft.

(SEE ATTACHED SITE PLAN)

SITE LOCATION PLAN
(Attach map from Maine Atlas
for First Time System Variance)



TP#2: 3-C/A,III 24" BEDROCK
7.5YR 3/3 (DARK BROWN) TO 7.5YR 3/4 (DARK BROWN)
24" LEDGE, FEW FAINT @ 15"
SANDY, STONY, COBBLY LOAM

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring

5 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		DARK GRAY (10YR 4/1)	
STONY	FRIABLE	BROWN	N.E.
COBBLY		(7.5YR 4/4)	FEW FAINT
LOAM			
	LEDGE		

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile 3 Classification C/A,III Slope 10% Limiting Factor 19"
Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth ☐

Observation Hole #3 ☒ Test Pit ☐ Boring

6 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		DARK GRAY (7.5YR 4/1)	
STONY	FRIABLE	VERY DARK BROWN	N.E.
COBBLY		(7.5YR 2.5/3)	STANDING WATER (END OF ROOTS)
LOAM			
	LEDGE		

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile 3 Classification D/A,III Slope 10% Limiting Factor 12"
Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth ☐

W. C. 3
Site Evaluator's Signature

319
S. E. #

5-24-23
Date

Town, City, Plantation
IREMONT

Street, Road, Subdivision
ALDER LANE

Owner or Applicant Name
HANNAH CHAMBERLAIN

MAGNETIC
NORTH

SITE PLAN:

Boy

SCALE: 1" = 60 FT.

-40"
-27"
-44"
-27"
EXISTING
GROUND
ELEVATIONS,
TYPICAL

APPROX.
PROPERTY
LINES

SCALE: 1" = 60'
0' 20' 40' 60' 100'

WETLAND

PROPOSED
10' END FEED
CHAMBERS

TP1

PROPOSED
HOUSE

TP2

PROPOSED 1000 GAL.
SEPTIC TANK, MAY
NEED LOW PROFILE

TP3

ERP NAIL IN
10" DIA. SPRUCE

10" DIA.
SPRUCE,
MARKED AS TIE

UTILITY
POLE
#4

BOLT

ALDER
LANE

Site Evaluator's Signature

S.E. #

Date

[Signature]

319

S-24-23

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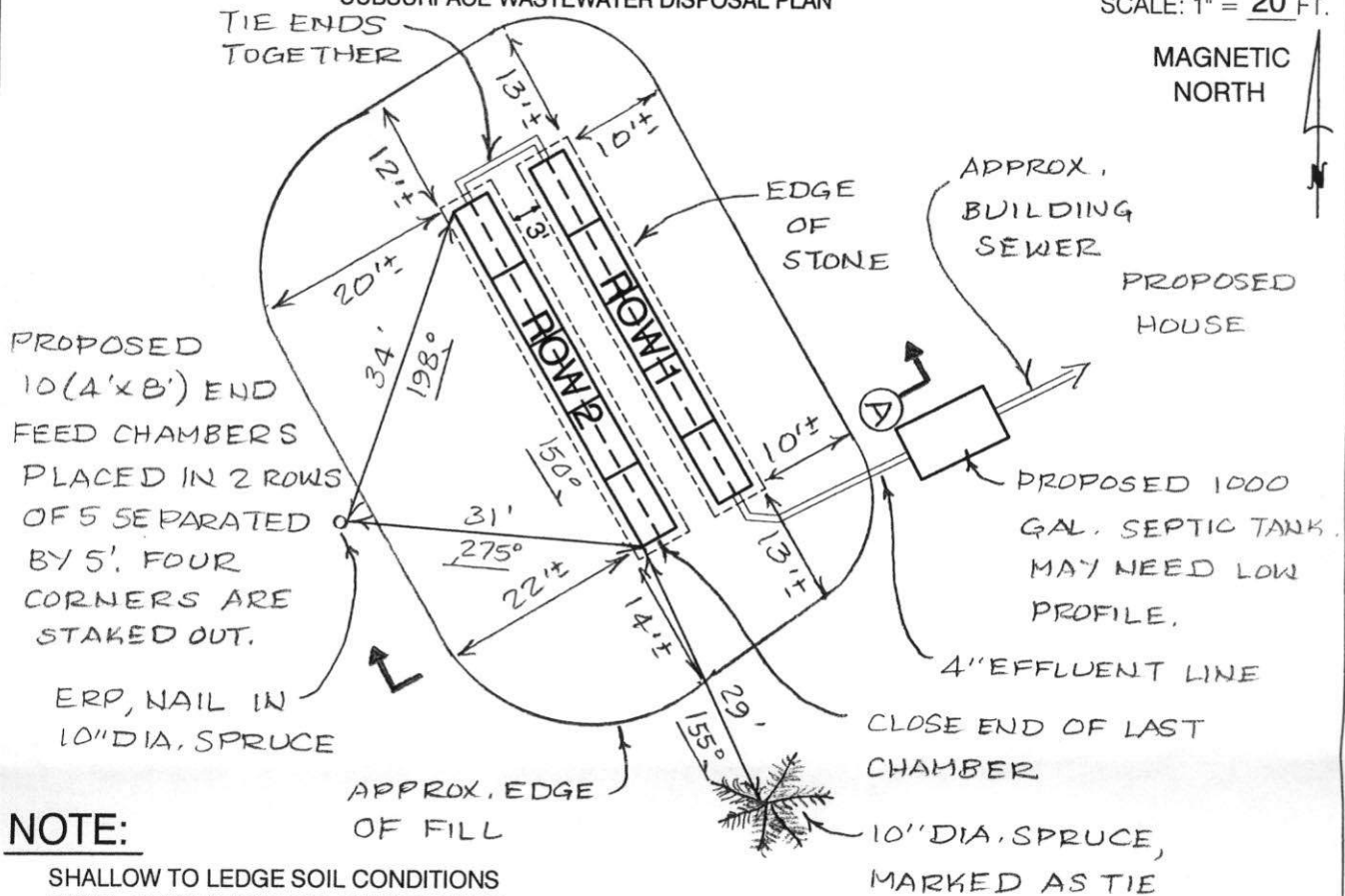
Street, Road, Subdivision
ALDER LANE

Owner or Applicant Name
HANNAH CHAMBERLAIN

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20' FT.

MAGNETIC
NORTH



NOTE:

SHALLOW TO LEDGE SOIL CONDITIONS EXIST. GENTLY REMOVE ONLY STUMPS, ROOTS AND ORGANIC MATTER; LEAVING AS MUCH ORIGINAL MINERAL SOIL, AS ABSOLUTELY POSSIBLE.

SCALE: 1" = 20'

0' 5' 10' 20' 30' 40'

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT	
Depth of Backfill (Upslope)	30"	Finished Grade Elevation	(See			Location & Description	NAIL 72"
Depth of Backfill (Downslope)	28"-32"	Top of Distribution Pipe or Proprietary Device	attached	N/A		ABOVE GROUND IN A	
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	X-sec.)			10" DIA, SPRUCE,	
						Reference Elevation is:	0"

NOTES:

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands, water bodies and water courses must be done in compliance with Section 12 Of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
5. Install water tight risers of appropriate size to within 6" of finished grade on tank inlet, cleanout and outlet covers (recommend all to finish grade). Install water tight risers of appropriate size to finish grade on outlet tank covers, which house a filter, in-tank pump chambers and separate pump tanks. (Section 6-F of the subsurface code).
6. Full basement below grade foundation or frost wall must be 20' minimum from edge of disposal field and no full basement, slab, columns or posts must be 15' minimum from edge of disposal field.

Site Evaluator's Signature

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S.E. #

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Date

Page 3 of 3
HHE-200 Rev. 01/2019

DISPOSAL AREA CROSS SECTION

SLOPE 11 %

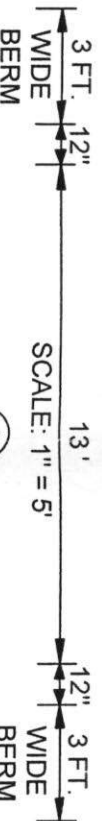
NOTE:
GRADE UPSLOPE TO DIVERT
SURFACE WATER AWAY FROM
SYSTEM.

NOTE:

SHALLOW TO LEDGE SOIL CONDITIONS
EXIST. GENTLY REMOVE ONLY STUMPS,
ROOTS AND ORGANIC MATTER;
LEAVING AS MUCH ORIGINAL MINERAL
SOIL, AS ABSOLUTELY POSSIBLE.

FILL MATERIAL SHALL BE 8"-12" THICK
OVER CHAMBERS AND SHALL BE GRAVELLY
COARSE SAND TO THE STANDARDS IN
SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM
SOIL MIX TO ESTABLISH A GOOD
VEGETATIVE COVER; SEED
AND MULCH TO PREVENT EROSION,
SEC. 11-G.



FILTER FABRIC RECOMMENDED
OVER CHAMBERS

FILTER FABRIC
OVER STONE
NO GREATER THAN 4:1,
(25% SLOPE).

REMOVE VEGETATION AND SCARIFY
ORIGINAL SOIL UNDER ENTIRE FILL AREA,
SEC. 11-B. (SEE NOTE ABOVE).

ELEVATIONS:

ELEV. REF. PT. (ERP):

0'

FINISHED GRADE:

(CROWN + 4")

TOP OF CHAMBERS:

- 8"

BOTTOM OF CHAMBERS:

- 21"

ROW 1

ROW 2

(-12" MIN.)

- 20"

- 33"

OWNER: HANNAH CHAMBERLAIN

LOCATION: TREMONT

SCALE: 1" = 5'
0' 1' 2' 3' 4' 5'

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING
TO THE RULES AND PRACTICES SET FORTH
IN THE MOST CURRENT VERSION OF THE
STATE OF MAINE SUBSURFACE WASTEWATER
DISPOSAL RULES. INSTALLATION CONTRACTOR
MUST BE FAMILIAR WITH SAID RULES AND
CONSTRUCT SYSTEM IN FULL COMPLIANCE
WITH SECTION 11 OF SAID RULES.

THOROUGHLY MIX, DISK OR ROTO-TILL
CLEAN, COARSE, SHARP SAND INTO
TOP 6 INCHES OF ORIGINAL SOIL TO
CREATE A TRANSITION ZONE, SEC. 11-B.

12" CLEAN STONE,
(3/4" - 2 1/2" DIA.),
UNIFORM SIZE.

LIMITING FACTOR

EXISTING GRADE

4' x 8' CHAMBER

BOTTOM OF CHAMBERS MUST BE
LEVEL WITH MAXIMUM GRADE
TOLERANCE OF 2" PER 100'.

3%

11' 12"

11' 12"

11' 12"

11' 12"

11' 12"

11' 12"

11' 12"

11' 12"

11' 12"

11' 12"

11' 12"

DOC23

WILLIAM A. LABELLE, JR.

S.E.#

DATE

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5-24-23