

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Div. Environmental Health, 115118
(207) 287-2070 Fax: (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	Deer Isle	Town/City	Deer Isle Permit # 360 363
Street or Road	Dow Rd	Date Permit Issued	11/1/23 Fee: \$265 Double Fee Charged ☐
Subdivision, Lot #	Pleasant View	Local Plumbing Inspector Signature	L.P.I. # 1226
OWNER/APPLICANT INFORMATION		Fee: \$ _____ state min fee \$ _____ Locally adopted fee Copy: ☐ Owner ☐ Town ☐ State	
Name (last, first, MI)	Ellis, Lewis	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.	
Mailing Address of Owner/Applicant	240 Dow Rd, Deer Isle ME 04627	Municipal Tax Map # 8 Lot # 23	
Daytime Tel. #	207 348 2421	CAUTION: INSPECTION REQUIRED 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 11/29/23 Local Plumbing Inspector Signature (2nd) date approved _____	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENTS
☒ 1. First Time System ☐ 2. Replacement System Type replaced: _____ Year installed: _____ ☐ 3. Expanded System ☐ a. <25% Expansion ☐ b. >25% Expansion ☐ 4. Experimental System ☐ 5. Seasonal Conversion	☐ 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	☒ 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	DISPOSAL SYSTEM TO SERVE	TYPE OF WATER SUPPLY
8 A ☐ SQ. FT. ☒ ACRES	☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 2 ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: _____ (specify) Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped	☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
☒ 1. Concrete ☐ a. Regular ☐ b. Low Profile ☐ 2. Plastic ☐ 3. Other: _____ CAPACITY: 1000 GAL. W/ RISERS	☐ 1. Stone Bed ☐ 2. Stone Trench ☒ 3. Proprietary Device ENVIA SEONC ☐ a. cluster array ☒ c. Linear TUBS ☐ b. regular load ☐ d. H-20 load ☐ 4. Other: _____ SIZE: 150 sq. ft. lin. ft.	☒ 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	160 gallons per day BASED ON: ☒ 1. Table 4A (dwelling unit(s)) ☐ 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities 2 BR HOME ☐ 3. Section 4G (meter readings) ATTACH WATER METER DATA
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING	EFFLUENT/EJECTOR PUMP	LATITUDE AND LONGITUDE
PROFILE CONDITION 2 C/Aiii at Observation Hole # TP 1 Depth 30" of Most Limiting Soil Factor	☐ 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	☒ 1. Not Required ☐ 2. May Be Required ☐ 3. Required Specify only for engineered systems: DOSE: _____ gallons	at center of disposal area Lat. 44 d 14 m 32.7 s Lon. 68 d 41 m 40.5 s if g.p.s, state margin of error: 30' ±

SITE EVALUATOR STATEMENT

I certify that on 11-2-23 (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

Mike J Gramlich

Site Evaluator Name Printed

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SE #

207 843 6395

Telephone Number

11-6-23

Date

mikejgramlich@msn.com

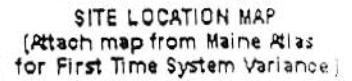
E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

Maine Department of Human Services
Division of Health Engineering, Station 14
(207) 287-5672 FAX (207) 287-4172

Owner or Applicant Name

LEWIS ELLIS



(Location of Observation Holes Shown Above)

Observation Hole # _____ ☐ Test Pit ☐ Boring

Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling	
	0				
	6				
12					
18					
24					
30					
36					
42					
48					

Soil	Classification	Slope	Limiting Factor
Profile	Condition	Percent	Depth

☐ Groundwater
☐ Residual Layer
☐ Bedrock

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207 843-6395

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Division of Environmental Health
(207) 287-6672 Fax: (207) 287-3165

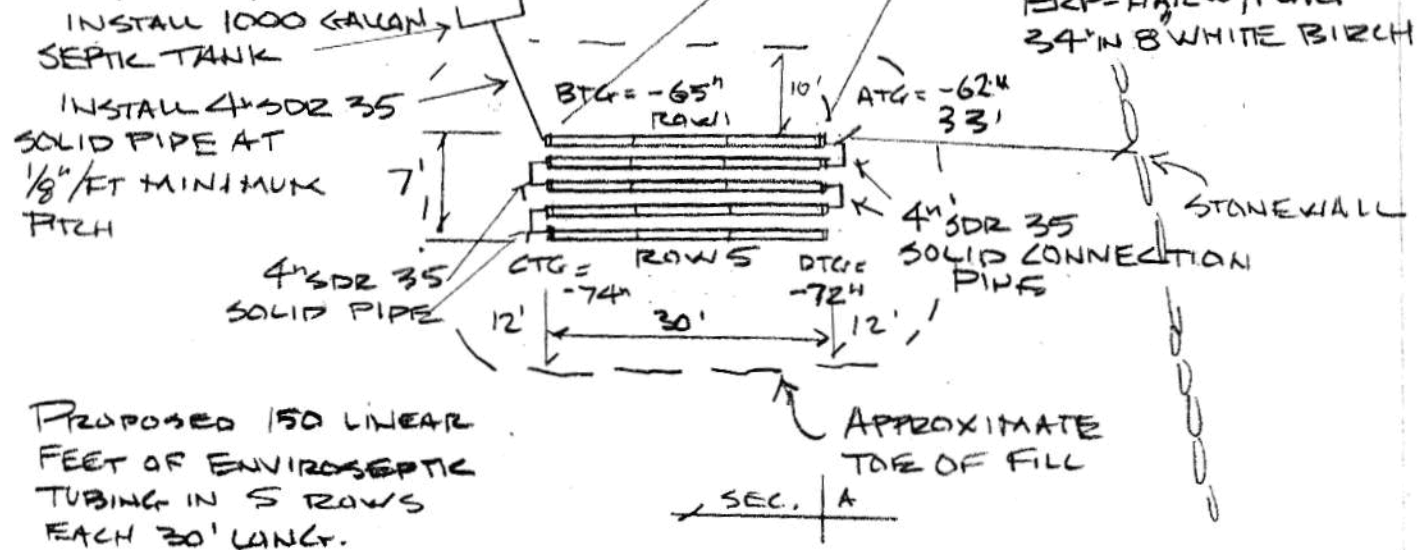
Town, City, Plantation
DEER ISLE

Street, Road, Subdivision
DAW RD.

Owner's Name
LEWIS ELLIS

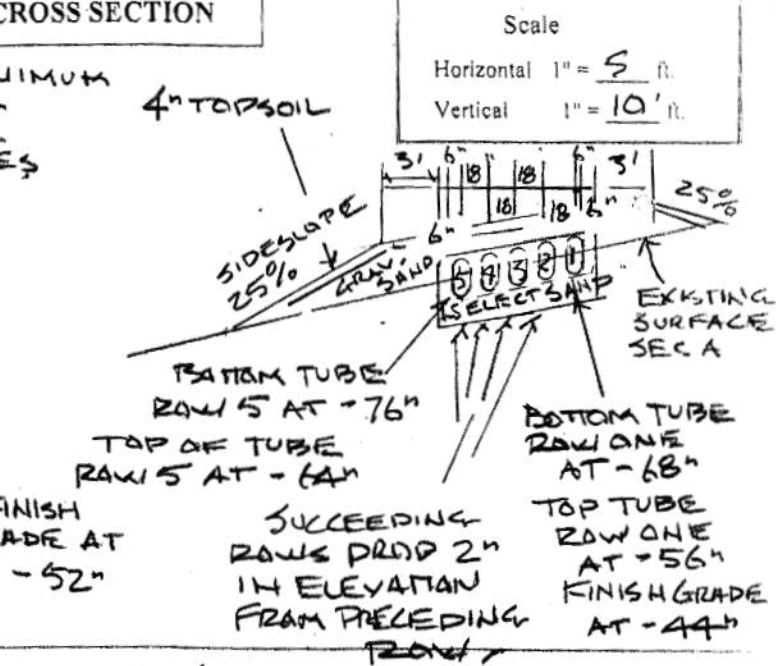
SUBSURFACE WASTEWATER DISPOSAL PLAN

TG equals top of existing ground of staked field.
Enviro-Septic or Infiltrator ATL tubing requires
ASTM C-33 Sand required around tubing per manufacturer's
specifications. Contractor to get newest ATL or
Enviro-Septic Manual prior to installation.



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT
Depth of Fill (Upslope) 18\"	Finished Grade Elevation X-SECTION	Location & Description: ERP-N/F
Depth of Fill (Downslope) 22\"	Top of Distribution Pipe or Proprietary Device FOR	34\" UP
	Bottom of Disposal Area ROW ELEVATIONS	Reference Elevation: 0\"

- Note:
- 1.) Scarify original surface under Disposal Field and Fill Extension.
 - 2.) Place gravelly coarse sand fill in 8\" lifts, incorporate into underlying original soil to 8\".
 - 3.) Disposal Field to be level with a maximum grade tolerance of 2\"/100'.
 - 4.) Lime, fertilize, seed, and mulch, top and sides of bed and all disturbed areas to prevent erosion.
 - 5.) See Section 11 of code for additional requirements and specifications.
 - 6.) Bottom of Disposal Field to be **SEE X-SECTION** below elevation of ERP.
 - 7.) Enviroseptic Tubes sit within 6 inches minimum of select sand below and sides, 3 inches above tube.



Mike J Gramlich, SE #189
POB 284
Holden, ME 04429
207-843-6395

FINISH
GRADE AT
-52"

SUCCESSING
ROWS PROD 2"
IN ELEVATION
FROM PRECEDING
ROW

TOP TUBE
ROW ONE
AT -56"
FINISH GRADE
AT -44"

Site Evaluator Signature

SE #

Date

#189

11-6-23