SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Div. of Environmental Health (1 DHS)
(207) 287-5671, Fax (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation: Lamoine
Street or Road: Lydias Lane
Subdivision, Lot #: Marlboro Woods Lot # 12

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City: LAMOINE Permit #: 1819
Date Permit Issued: 11-9-16 Fee: $ 250 Double Fee Charged: ☐
Local Plumbing Inspector Signature: [signature] L.P.I. #: 1090
DEP Surcharge 015.00 ☐ Owner ☐ Town ☒ State

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.

Municipal Tax Map # 5 Lot # 14-12

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Sanborn Reginald, Tarsha ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant: John Goodwin Jr Lane, PO Box 919 Southwest Harbor Me. 04679

OWNER OR APPLICANT STATEMENT

I have the 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.

Reginald Sanborn 11-7-16
Signature of Owner or Applicant Date

CAUTION: INSPECTION REQUIRED

I have inspected the minimum authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Date approved

Local Plumbing Inspector Signature Code Enforcement Officer

PERMIT INFORMATION

TYPE OF APPLICATION

☒ 1. First Time System
☐ 2. Replacement System
Type replaced: ____
Year installed: ____
☐ 3. Expanded System
☐ a. 50% Expansion
☐ b. 225% Expansion
☐ 4. Experimental System
☐ 5. Seasonal Conversion

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. Pretreatment, specify: ____
☐ 12. Miscellaneous Components

SIZE OF PROPERTY

1.32 ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
☐ 2. Multiple Family Dwelling, No. of Units: ____
☐ 3. Other: ____ (specify)
Current Use: ☐ Seasonal ☐ Year Round ☒ Undeveloped

TYPE OF WATER SUPPLY

☒ 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 25
☒ b. Low Profile
☐ 2. Plastic
☐ 3. Other
CAPACITY: 1000 GAL

DISPOSAL FIELD TYPE & SIZE

☒ 1. Stone Bed ☐ 2. Stone Trench
☒ 3. Proprietary Device
☐ a. cluster array ☒ c. Linear
☐ b. regular load ☐ d. 6-20 load
☐ 4. Other
SIZE: 900 ☒ 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

DESIGN FLOW

270 gallons per day
BASED ON:
☒ 1. Table 4A (dwelling unit(s))
☐ 2. Table 4C (other facilities)
SHOW CALCULATIONS for other facilities
☐ 3. Section 4S (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION: 3 C
Observation Hole #: 1
Depth: 24"
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

☐ 1. Medium—2.5 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 FILTER 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. 44° 22' 24.8"
Long. 68° 16' 21.8"
If g.p.s. state margin of error: 32'

SITE EVALUATOR STATEMENT

I certify that on 3-14-16 (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).

MAD 22

Robert G. Ville Jr. 204 3-15-16
Site Evaluator Signature SE# Date
Robert G. Ville Jr. 234-2451 robertrilesoilconsulting@gmail.com
Site Evaluator Name Printed Telephone Number E-mail Address

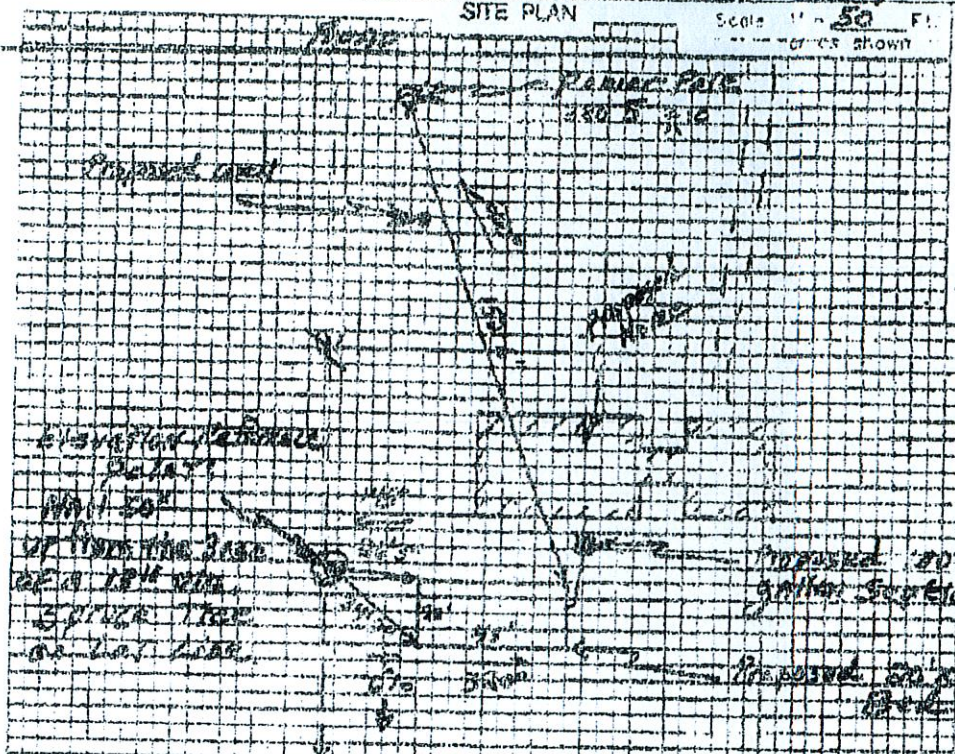
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-3572 FAX (207) 287-4172

Town, City, Plantation: Lamoine
Street, Road, Subdivision: Lot #12 Marlboro Woods
Owner's Name: Reginald Sanborn

SITE PLAN — Scale 1" = 50 Ft. — Dimensions 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
4 " Depth of Organic Horizon Above Mineral Soil

Depth (Inches)	Texture	Consistency	Color	Mottling
0	Sandy Loam		Dark Brown	
10			Strong Brown	None
20	Gravely Loamy Sand	Friable		
30			Yellowish Brown	
40	Sandy Loam	Firm in place	Light Olive Brown	Common Faint
50				

Soil Classification: Profile 3, Condition 6
Slope: 6 %
Limiting Factor: 24 "
☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

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

Depth (Inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification: Profile, Condition
Slope: %
Limiting Factor: "
☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

NOTE:

ALL PERMITS AND OR NOTIFICATIONS REQUIRED PRIOR TO CONSTRUCTION ARE THE RESPONSIBILITY OF THE OWNER.

Robert J Vile Jr — Site Evaluator Signature
204 — SE #
3-15-16 — Date

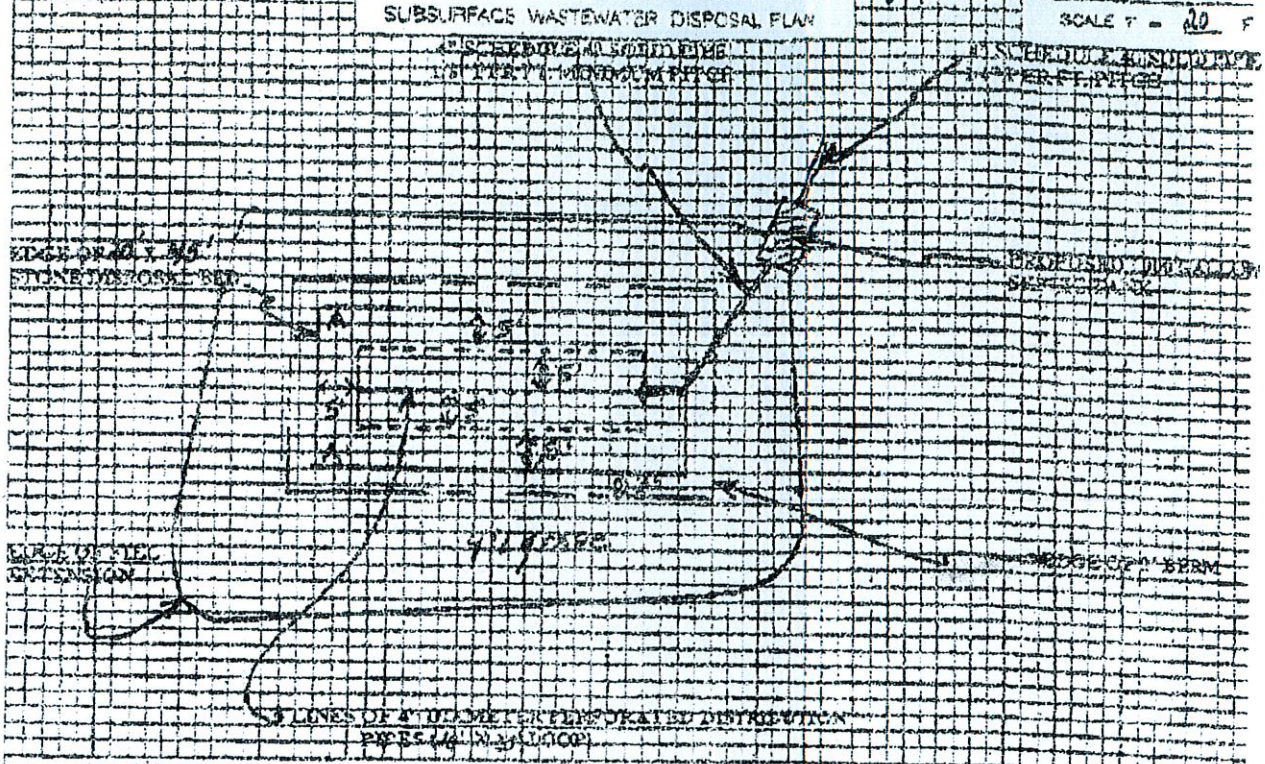
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-8071 FAX (207) 287-8172

Town, City, Plantation: Lamoine
Street, Road, Subdivision: Lot #12 Marlboro Woods
Owner's Name: Reginald Sanborn

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 F



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	10" A	Finished Grade Elevation	= 38"	Location & Description Nail 50"
Depth of Fill (Downslope)	17"-26" A'	Top of Distribution Pipe or Proprietary Device	= 49"	Up in 13" Spruce Tree.
		Bottom of Disposal Area	= 60"	Reference Elevation = 0"

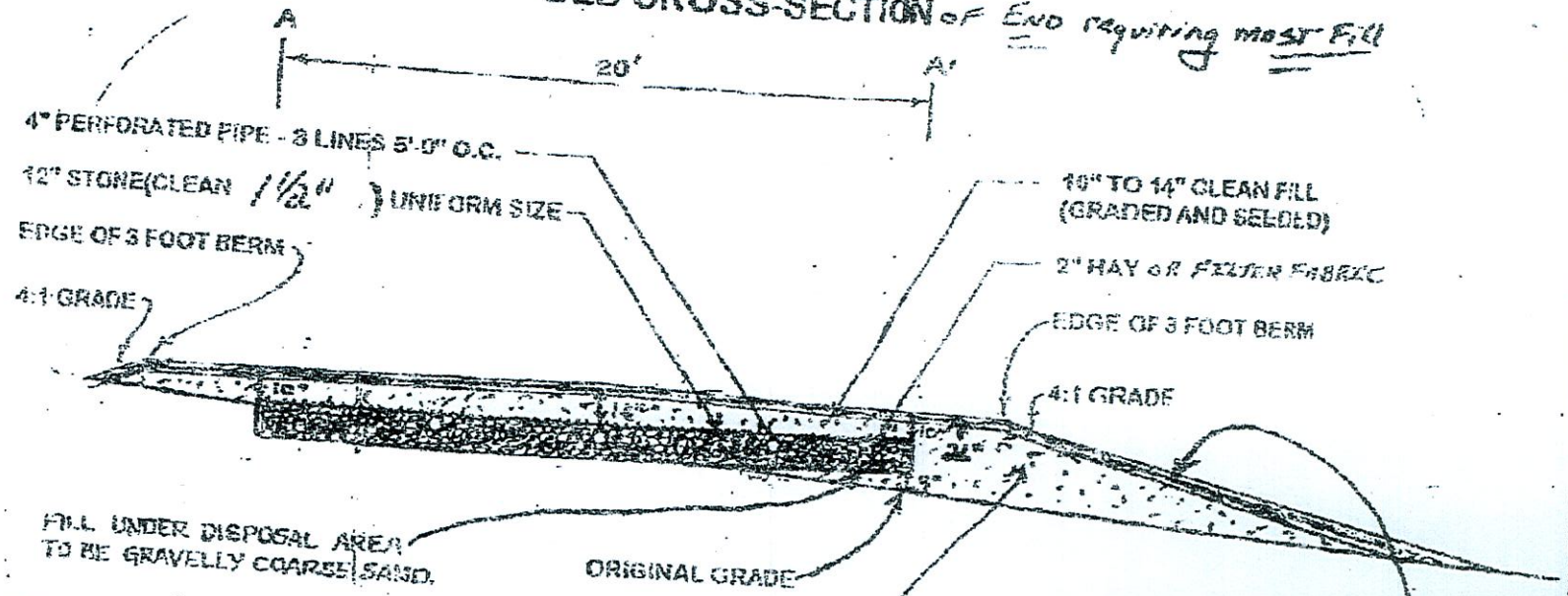
DISPOSAL AREA CROSS SECTION

SCALE:
VERTICAL 1" =
HORIZONTAL 1" =

(SEE ATTACHED CROSS SECTION A-A')

Robert A Vilej — Site Evaluator Signature
204 — SE #
3-15-16 — Date

BED CROSS-SECTION of End requiring most Fill



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER DISPOSAL AREA AND FILL EXTENSION AREAS.
2. BOTTOM OF DISPOSAL AREA TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100".
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM DISPOSAL AREA.
4. CREATE A TRANSITIONAL HORIZON BY MIXING TOP 4-6" OF ORIGINAL SOIL WITH FILL TO BE USED UNDER DISPOSAL AREA AND FILL EXTENSIONS.
5. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

OWNER: Reginald Sanborn
LOCATION: Lot #12 Marlboro Woods Lagrange
DISPOSAL AREA DIMENSIONS: 20' x 45'
DISPOSAL AREA ELEVATIONS:
ELEVATION REFERENCE POINT: 0"
TOP OF DISTRIBUTION LINE: -49"
BOTTOM OF STONE: -60"

SITE EVALUATOR:
ROBERT G. VILE JR. #204
Robt G. Vile Jr.
DATE: 3-15-16