SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept Health & Human Services
Div of Environmental Health, 11 SHS
(207) 287-5672 Fax: (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation	Lamoine
Street or Road	Jordan Shores
Subdivision, Lot #	#2 (207-460-3133)

OWNER/APPLICANT INFORMATION

Name (last, first; MI)	Lemelin, Mark ☐ Owner ☐ Applicant
Mailing Address of Owner/Applicant	Broughmen BHS 6 Acadia Way
Daytime Tel. #	Ellsworth, Me 04605

OWNER OR APPLICANT STATEMENT
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.

Signature of Owner or Applicant _____ Date _____

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City Lamoine Permit # 2125
Date Permit Issued 2/17/23 Fee: $ 265 Double Fee Charged [ ]
_____ L.P.I. # 1394
Local Plumbing Inspector Signature

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 # 3 Lot # 32-2

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

_____ 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. <25% Expansion
  - ☐ b. >25% 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. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY
3.1 ☐ 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
  - ☒ 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. H-20 load
- ☐ 4. Other: Enviro-Septic

SIZE: 210 ☐ 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 facilites
- ☐ 3. Section 4G (meter readings)
  ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION
2 / All

at Observation Hole # 1
Depth 18"
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. 44 d 29 m 1.1 s
Lon. 68 d 20 m 49.5 s
If g.p.s, state margin of error: _____

SITE EVALUATOR STATEMENT

I certify that on 2/8/23 (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).

James W. Marple	S 304	2/11/23
Site Evaluator Signature	SE #	Date
James W. Marple	207-557-2860	
Site Evaluator Name Printed	Telephone Number	E-mail Address

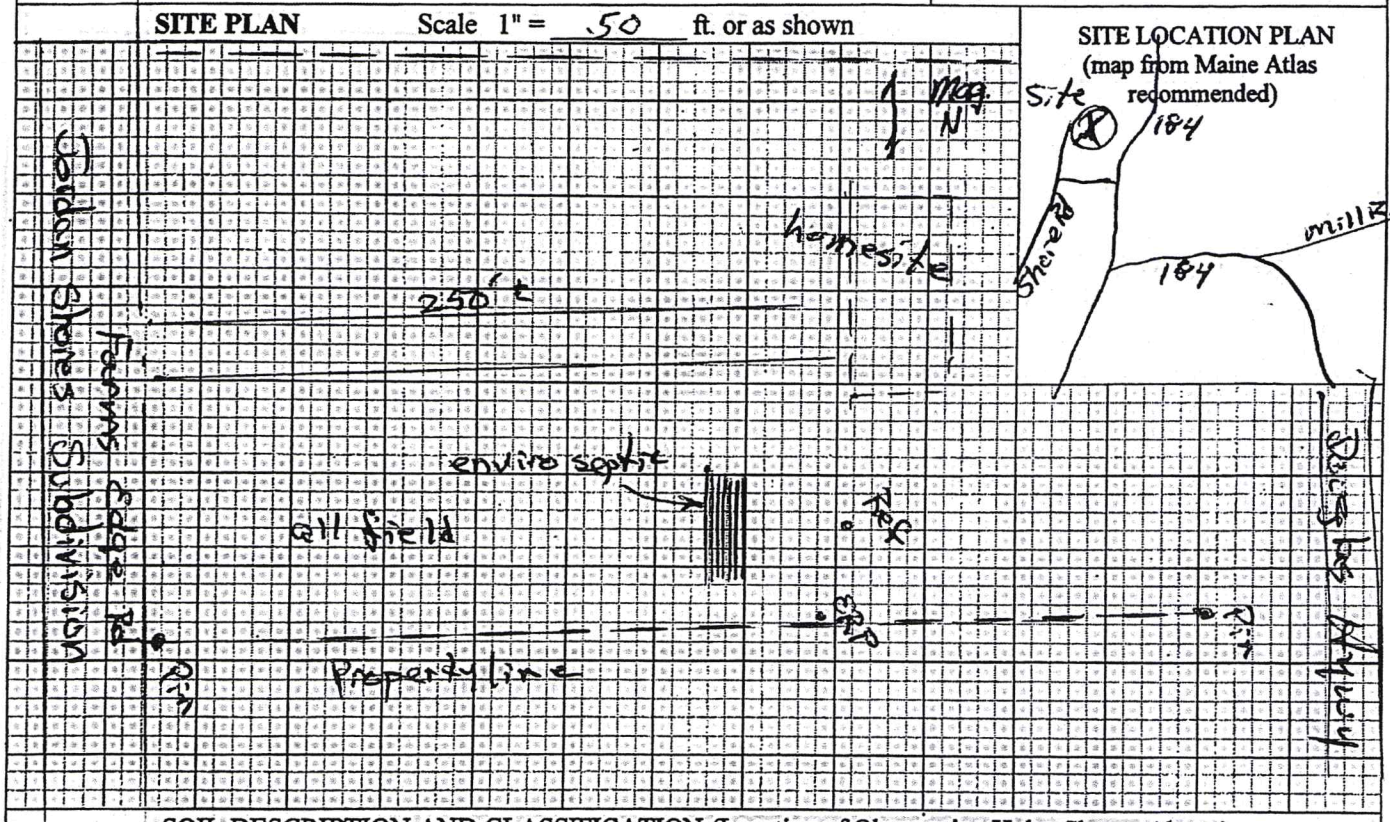
Note : Changes to or deviations from the design should be confirmed with the Site Evaluator.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation: Lamoine
Street, Road, Subdivision: Farms Edge Rd
Owner's Name: Mark Lemelin

SITE PLAN Scale 1" = 50 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
_____" Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	Very Sandy Loam	Friable	Brown / Red Brown	
10–20				
20–30		Bedrock		
30–40				
40–50				

Soil Classification	Slope	Limiting Factor	
2 A111 (Profile / Condition)	12 %	24"	[ ] Ground Water [ ] Restrictive Layer [●] Bedrock [ ] Pit Depth

Observation Hole 2 + 3 ☐ Test Pit ☐ Boring
_____" Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	Very Sandy Loam	Friable	Red Brown	
10–20			↓	
20–30		Bedrock		
30–40				
40–50				

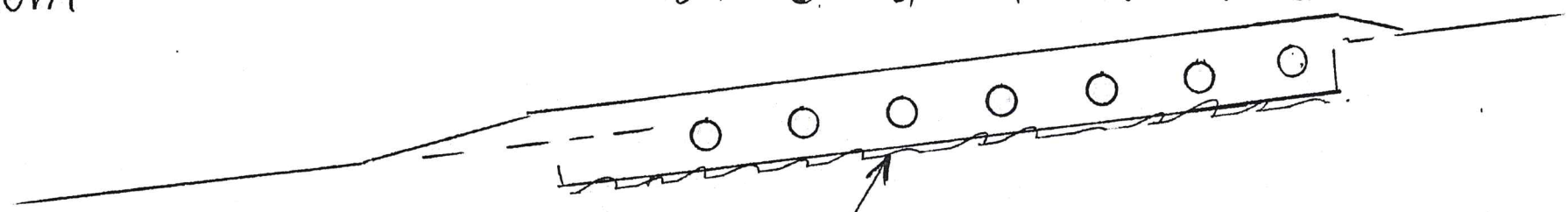
Soil Classification	Slope	Limiting Factor	
2 A111 (Profile / Condition)	12 %	20"	[ ] Ground Water [ ] Restrictive Layer [●] Bedrock [ ] Pit Depth

James W. Maple — Site Evaluator Signature
5304 — SE #
2/11/23 — Date

1" = 5'

Finish grade -10"
Tube Top
Tube bottom

-77 -73 -69 -65 -61 -57 -53
-89 -85 -81 -77 -73 -69 -65



original grade
gravelly course sand and original grade is filled together to form a 4" Transitional horizon

4" top soil, seed, + mulch hay final grades.

min 6" System sand around tubes. All other back fill is gravelly course sand as described in Maine State Code for Septic fill.

ERP. is at "0" Elevation

Fill upslope depth is 10"

Fill downslope is 10"

ERP description is a nail 39" high in Top of grade Stake

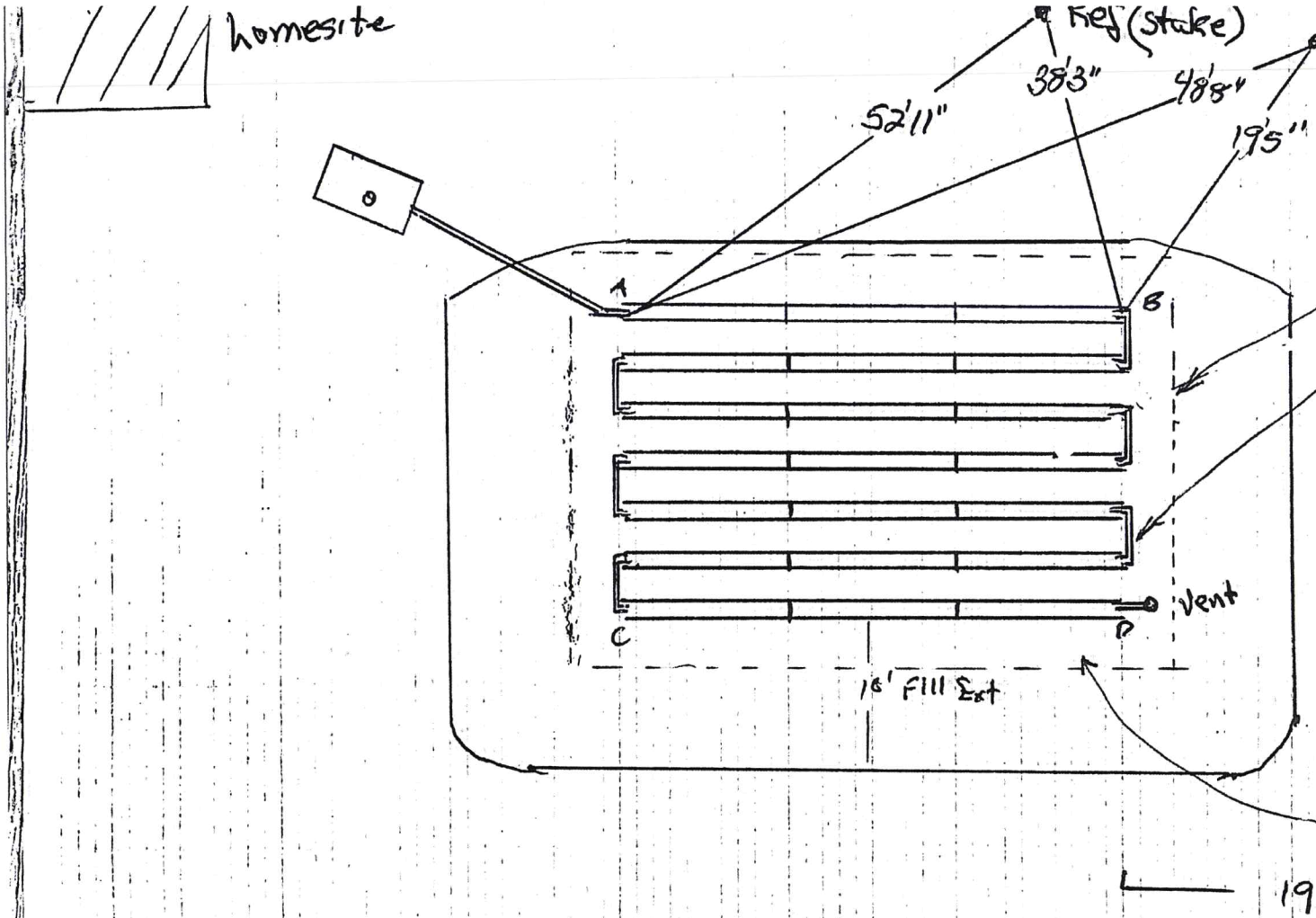
Owner Mark Lemelin

Street Jordan Shores Subdivision Farms Edge Rd

Town Lamoine

James W. Marple S 304 date Feb. 11 '23

Pg. 3



Owners Name: Mark Lemelin

Town: Lamoine

Street address: Farm's Edge Rd

James W. Maple S304

Date Feb. 11 '23

Additional information about your system and HHE-200 Form

1. You should have your septic tank pumped out every 3 years to prolong the life of the system.
2. Water softeners should drain to a separate graywater disposal system.
3. Your septic system must be installed on correct elevations and all joints, etc. must be water tight. This applies to the pump tanks if your system requires pumping. Distribution boxes shall have "Equalizers" installed on the outlets.
4. Low volume toilets and water conservation measures are recommended, even if your design does not require them.
5. All construction shall conform to Sate of Maine Subsurface Waste Disposal Rules, Chapter 241.
6. Fill shall be loamy medium sharp sand with sufficient fines for compaction. See Rules for backfill specifications. Fill shall be placed in 8-10 lifts. The top 4 inches of cover shall be loam or sandy loam, to assure a good catch of grass.
7. All well shall be at least 100 feet from leaching field unless a variance is granted or the well is cased to appropriate depth. See rules.
8. Property lines are as provided by the owner. No accuracy is implied. Actual lines must be confirmed by a survey.
9. Installation of tanks shall have a Zabel Model A-1800 or equal on outlet, unless pumping. Install a low profile tank when it is determined to be necessary by field conditions.
10. Force mains, pump stations, and/or gravity piping subject to freezing shall be adequately insulated.
11. Systems shall be provided with adequate erosion control until vegetated cover is established.
12. Remove all vegetation and organic material under the leach field and extensions--Caution--Avoid compaction of original soil under the leaching field and extensions during construction.
13. The design flow should not be exceeded in any day. Do not install garbage grinders or disposals with this design.
14. The LPI shall inform the owner and designer of any local ordinances or requirements exceeding the rules, prior to issuing the permit, so that the application may be properly amended.
15. GeoFlow pipe and Envio-Septic pipe are considered equal in the rules. and should be installed according to latest mfg. instructions.