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	236 BUTTERMILK RD
Subdivision, Lot #	RUSTY'S LN POPLAR LANE

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City LAMOINE Permit # 1700

Date Permit Issued 9/25/12 Fee: $ 250 Double Fee Charged [ ]

Local Plumbing Inspector Signature L.P.I. # 1090

☐ 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 # 9 Lot # 15-7A

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	JOHNSON MARK ■ Owner ☐ Applicant
Mailing Address of Owner/Applicant	236 BUTTERMILK LN. LAMOINE ME 04605
Daytime Tel. #	479-1707

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 9/25/2012 Date

CAUTION: INSPECTION REQUIRED
I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 9/27/12 (1st) date approved

Local Plumbing Inspector Signature 10/3/12 (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
5A ☐ SQ. FT. ■ ACRES

SHORELAND ZONING
☐ Yes ■ No

DISPOSAL SYSTEM TO SERVE
- ■ 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

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:

SIZE: 600 ■ 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
180 gallons per day
BASED ON:
- ■ 1. Table 4A (dwelling unit(s))
- ☐ 2. Table 4C(other facilities)

SHOW CALCULATIONS for other facilites
2 BEDROOM HOME
- ☐ 3. Section 4G (meter readings)

ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION
3 / C / A III
at Observation Hole # TP1
Depth 22"
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING
- ☐ 1. Medium---2.6 sq. ft. / gpd
- ■ 2. Medium---Large 3.3 sq. f.t / 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 30 m 53.1 s
Lon. 68 d 22 m 25.4 s
If g.p.s, state margin of error: UNKNOWN

SITE EVALUATOR STATEMENT

I certify that on 5-14-10 (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 189 SE # 9-20-12 Date

Mike J Gramlich 843-6395 POB 284 Holden ME 04429

Site Evaluator Name Printed Telephone Number E-mail Address

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

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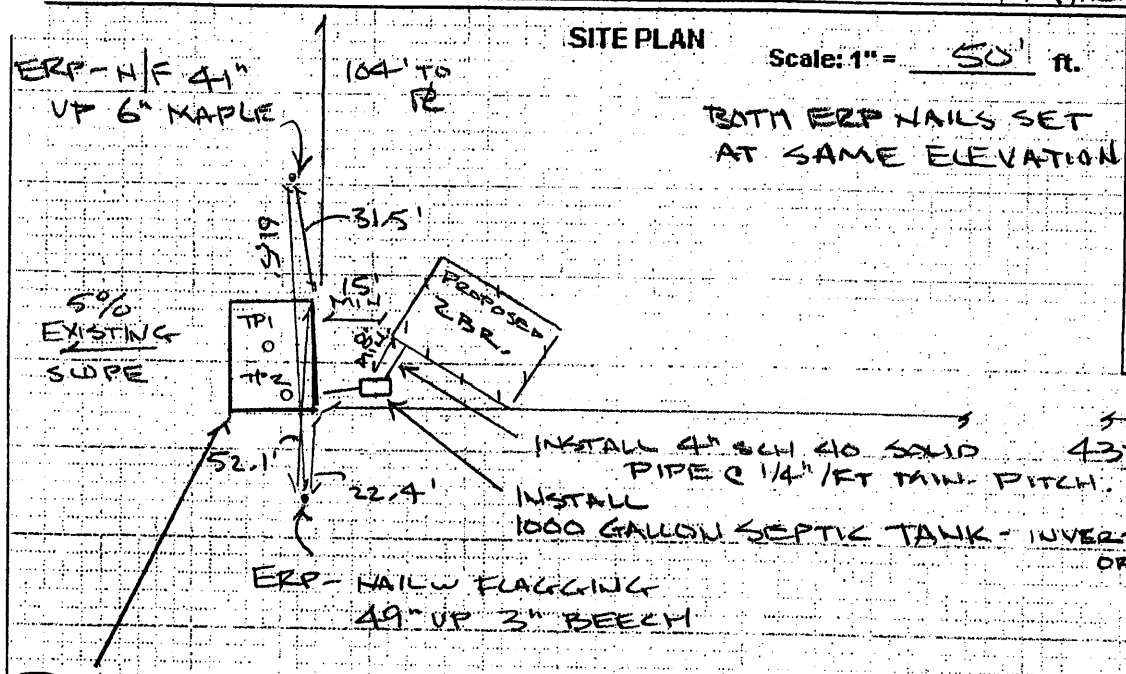
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
LAMOINE	236 BUTTERMILK RD	MARK JOHNSON

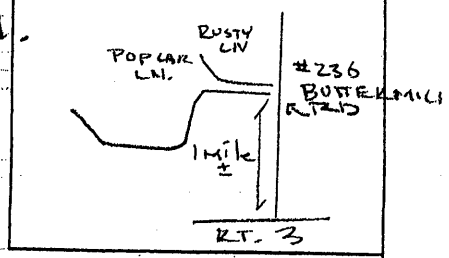
SITE PLAN

Scale: 1" = 50' ft.



SITE LOCATION MAP

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



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

Observation Hole # TP1&2 ☒ Test Pit ☒ Boring

2" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0				
6	LOAMY		STRONG	
12	SAND	FRIABLE	BROWN	NONE
18			YELLOW	
24			BROWN	
30	SANDY LOAM	FIRM	OLIVE	COMMON DISTINCT
36				
42		DEPTH	BORING	
48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C/A	5	22"	☒ Groundwater ☐ Restrictive Layer ☐ Bedrock

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 Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
				☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

[signature] Site Evaluator Signature

[signature] 89 SE #

9-20-12 UPDATED
5-18-10 Date

Mike J Gramlich POB 284 Holden ME 04429 207 843-6395

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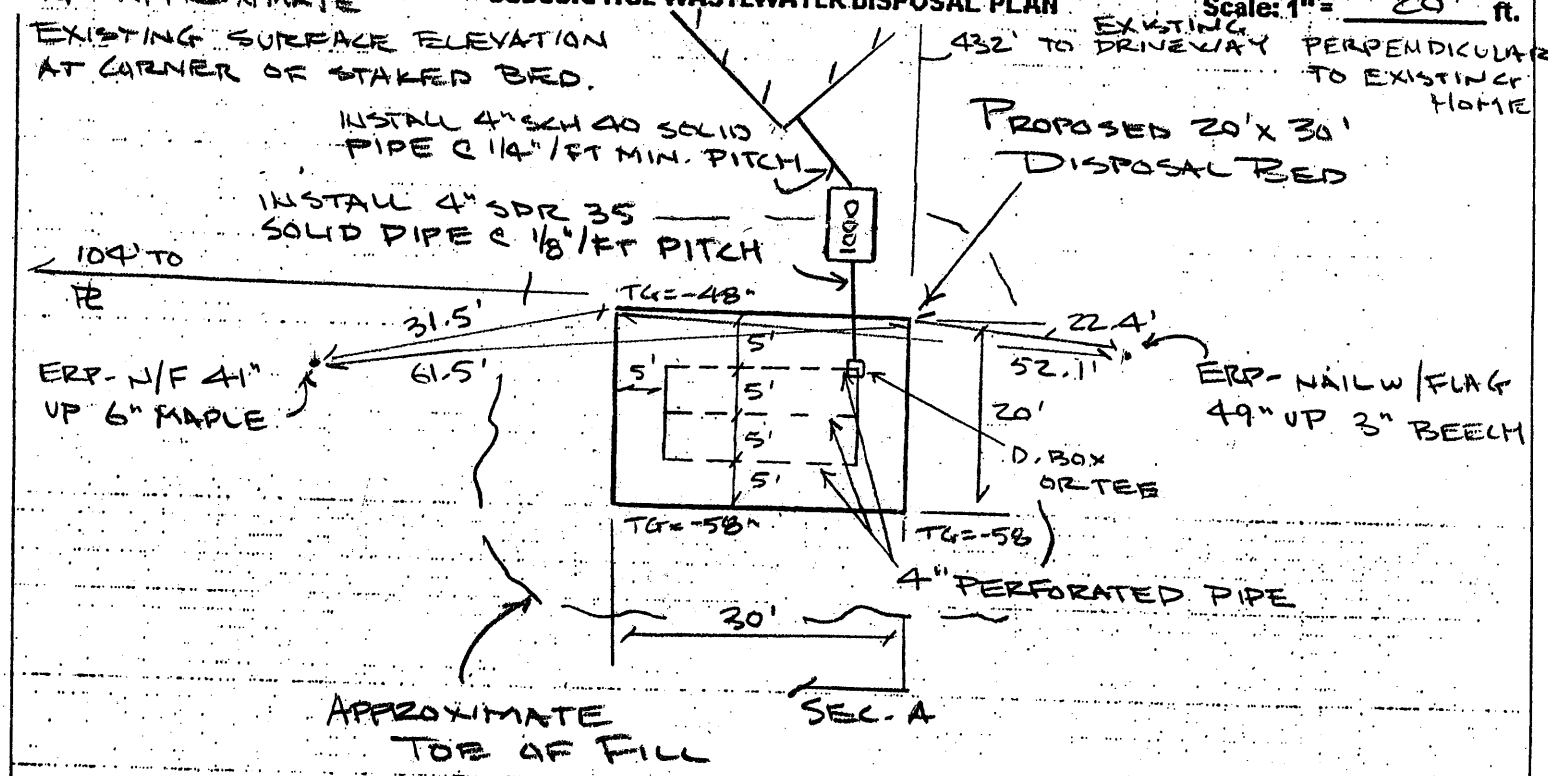
LAMOINE	236 BUTTERMILK RD.	MARK JOHNSON

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20' ft.



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 14"
Depth of Backfill (downslope) 24"
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation -34"
Top of Distribution Pipe or Proprietary Device 47"
Bottom of Disposal Field -58"

ELEVATION REFERENCE POINT

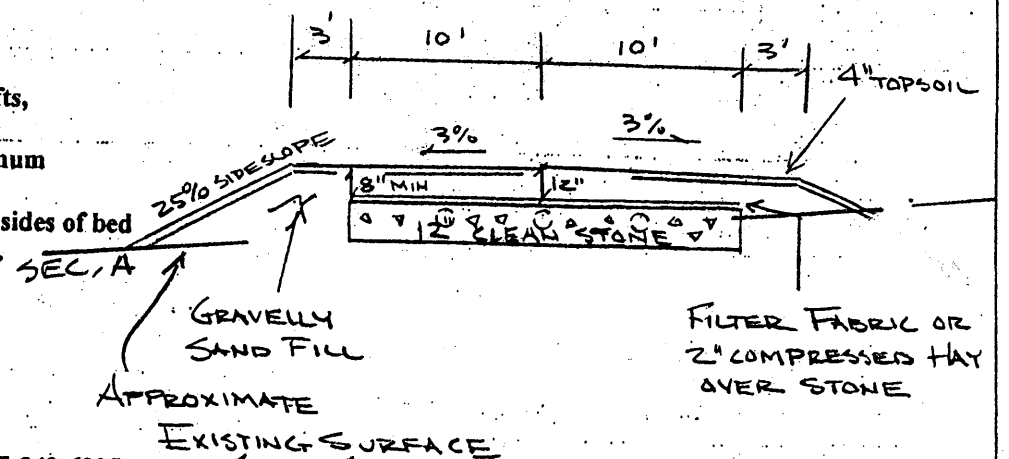
Location & Description: ERP - N/F 41" UP 6" MAPLE
Reference Elevation is: 0.0" or: 0"

DISPOSAL FIELD CROSS-SECTION

Scales:
Vertical: 1" = 5 ft.
Horizontal: 1" = 10 ft.

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.
3.) Disposal Field to be level with a maximum grade tolerance of 2"/100 ft.
4.) Lime, fertilize, seed & mulch, top and sides of bed and all disturbed areas to prevent erosion.
5.) See Chapter 8 of code for additional requirements.
6.) Bottom of disposal field to be 58" below elevation of TBM (ERP).



Mike J Gramlich POB 284 Holden ME 207-843-6395

9-20-12 UPDATED

Site Evaluator Signature

#189
SE #

5-18-10
Date