# 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 | PRIVATE ROAD OFF SEAL PT. ROAD |
| Subdivision, Lot # | |

## >> CAUTION: LPI APPROVAL REQUIRED <<

LAMOINE PERMIT # 1686 TOWN COPY

Date Permit Issued: 5 / 8 / 12 $ 1 / 2 / 6 / 5 ☐ If Double Fee Charged FEE

Local Plumbing Inspector Signature L.P.I. # 1 0 1 1 1

## OWNER/APPLICANT INFORMATION

| | |
|---|---|
| Name (last, first, MI) | EVANS, DIRK ■ Owner ☐ Applicant |
| Mailing Address of Owner/Applicant | |
| Daytime Tel. # | |

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 # 17 PO

**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.

John Farson
Signature of Owner or Applicant 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.

Local Plumbing Inspector Signature (1st) date Approved 8/28/14 (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**
2+ ☐ SQ. FT. ■ ACRES

**SHORELAND ZONING**
■ Yes ☐ No

**DISPOSAL SYSTEM TO SERVE**
- ■ 1. Single Family Dwelling Unit, No. of Bedrooms: 4
- ☐ 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 OR
- ☐ 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: 1440 ■ 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**
360 gallons per day

BASED ON:
- ■ 1. Table 4A (dwelling unit(s))
- ☐ 2. Table 4C(other facilities) SHOW CALCULATIONS for other facilities
- ☐ 3. Section 4G (meter readings) ATTACH WATER METER DATA

**SOIL DATA & DESIGN CLASS**
PROFILE CONDITION
8A / III / C
at Observation Hole # 1
Depth 24"
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. N 44 d 29 m 40 s
Lon. W 068 d 16 m 21 s
If g.p.s. state margin of error: +/- 30'

## SITE EVALUATOR STATEMENT

I certify that on 4-7-12 (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: [signature] SE #: 117 Date: 4-11-12

Site Evaluator Name Printed: RICHARD BABINE Telephone Number: 852-7808 E-mail Address:

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

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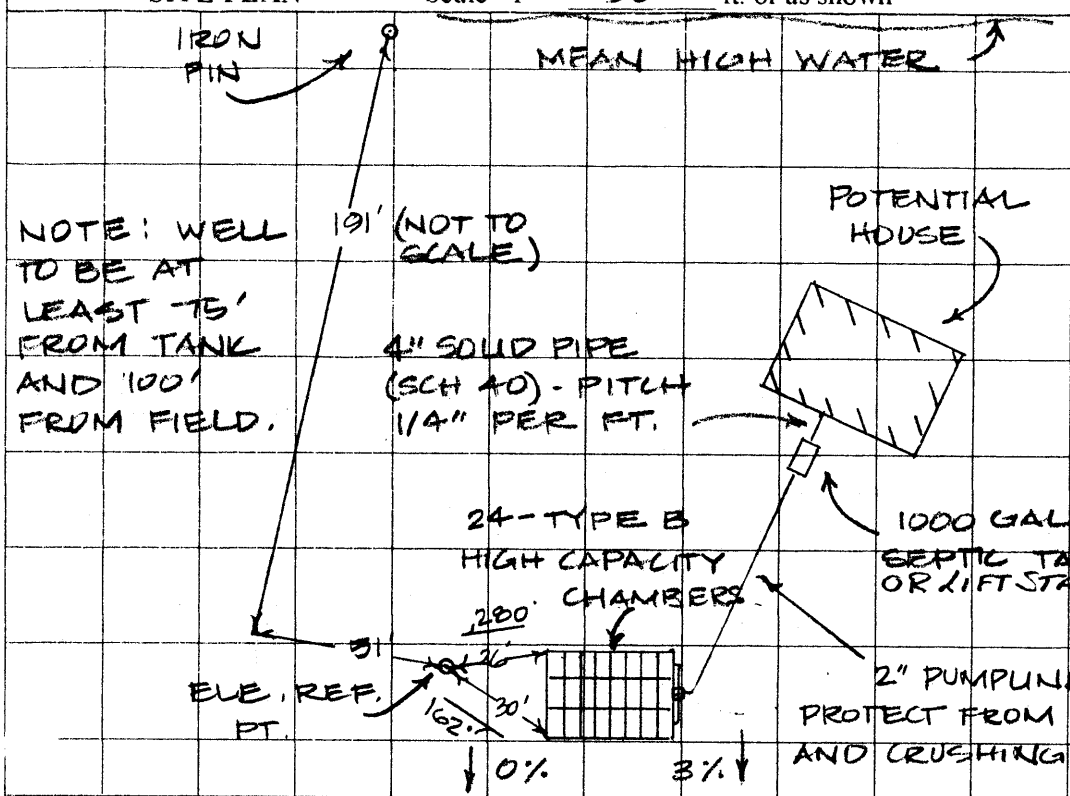
Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

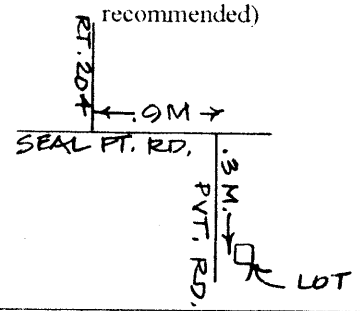
| Town, City, Plantation | Street, Road, Subdivision | Owner's Name |
|---|---|---|
| LAMOINE | PVT. ROAD OFF SEAL PT. ROAD | DIRK EVANS |

## 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
1/2 " Depth of Organic Horizon Above Mineral Soil

| Depth Below Mineral Soil Surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–10 | LOAM | | BROWN | |
| 10–20 | FINE SAND, SILT & CLAY | FRIABLE | | |
| 20–50 | | FIRM | OLIVE | COMMON DISTINCT |

| Soil Classification | Slope | Limiting Factor | |
|---|---|---|---|
| BA II C (Profile Condition) | 0-3 % | 18 " | [X] Ground Water<br>[ ] Restrictive Layer<br>[ ] Bedrock<br>[ ] Pit Depth |

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

| Depth Below Mineral Soil Surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–50 | | | | |

| Soil Classification | Slope | Limiting Factor | |
|---|---|---|---|
| Profile Condition | % | " | [ ] Ground Water<br>[ ] Restrictive Layer<br>[ ] Bedrock<br>[ ] Pit Depth |

Site Evaluator Signature: [signature] SE #: 117 Date: 4-11-12

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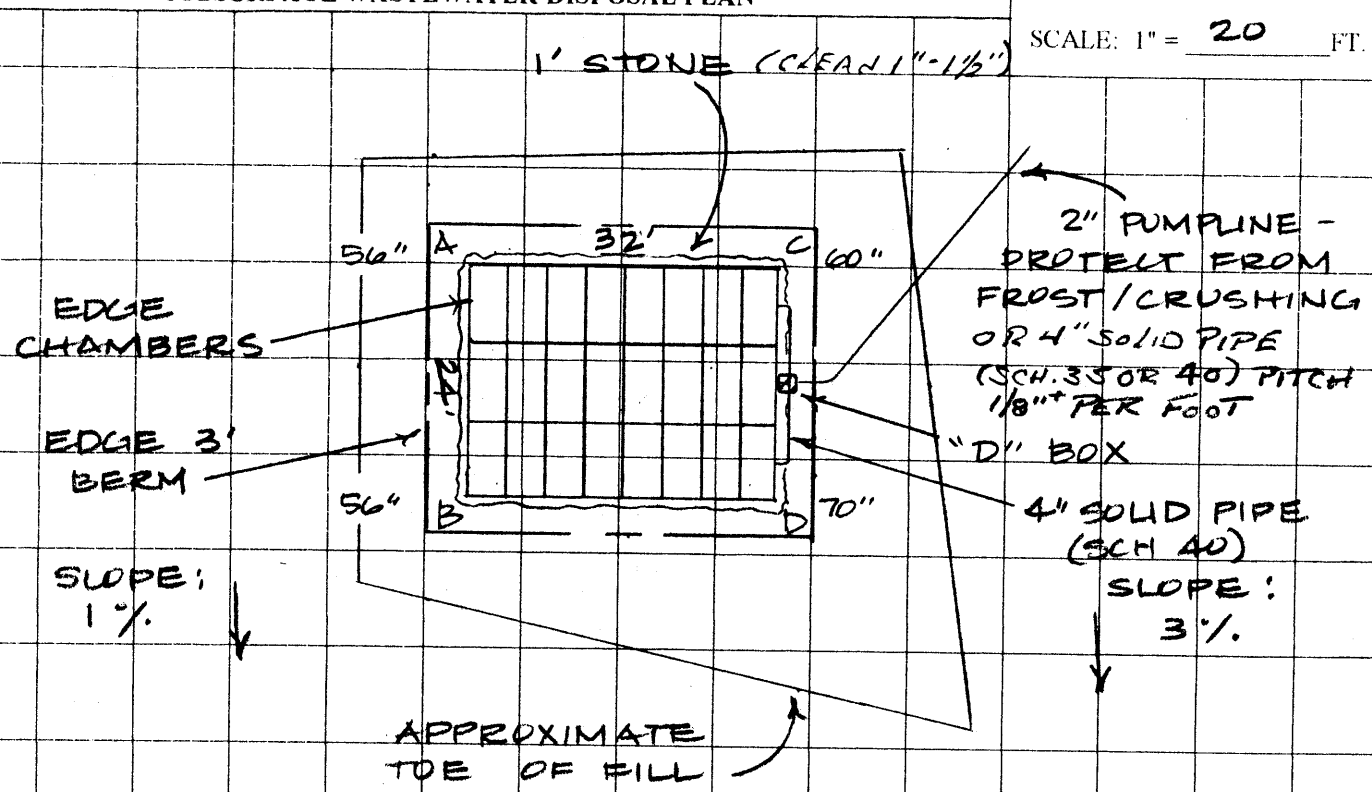
Town, City, Plantation: LAMOINE

Street, Road, Subdivision: PVT. ROAD OFF SEAL POINT ROAD

Owner's Name: DIRK EVANS

## SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.




| FILL REQUIREMENTS | | CONSTRUCTION ELEVATIONS | | ELEVATION REFERENCE POINT |
|---|---|---|---|---|
| Depth of Fill (Upslope) | 23"-27" | Finished Grade Elevation | -33" | Location & Description: NAIL UP 54½" IN A 4" MAPLE |
| | | Top of Distribution Pipe or Proprietary Device | -43" | |
| Depth of Fill (Downslope) | 23"-37" | Bottom of Disposal Area | -56" | Reference Elevation: 0 |

## DISPOSAL AREA CROSS SECTION

Scale
Horizontal 1" = ____ ft.
Vertical 1" = ____ ft.

**NOTES:**

1. DIVERT SURFACE WATER AND GROUND WATER AWAY FROM THE DISPOSAL SYSTEM.
2. CHECK SEPTIC TANK AT LEAST EVERY TWO YEARS FOR PUMPING.
3. GARBAGE DISPOSALS ARE NOT RECOMMENDED.
4. WELL CAN BE 75' - 100' MINIMUM FROM SEPTIC TANK, IF TANK IS OF MONOLITHIC CONSTRUCTION AND TESTED FOR WATERTIGHTNESS IN PRESENCE OF L.P. I. AND IS USED BY OWNER ONLY.
5. BUILDING FOUNDATION TO BE AT LEAST 20' MINIMUM FROM LEACHFIELD AND SLAB TO BE AT LEAST 15' MINIMUM FROM LEACHFIELD.
6. PROTECT ALL PIPING FROM FROST.

| Site Evaluator Signature | SE # | Date |
|---|---|---|
| [signature] | 117 | 4-11-12 |

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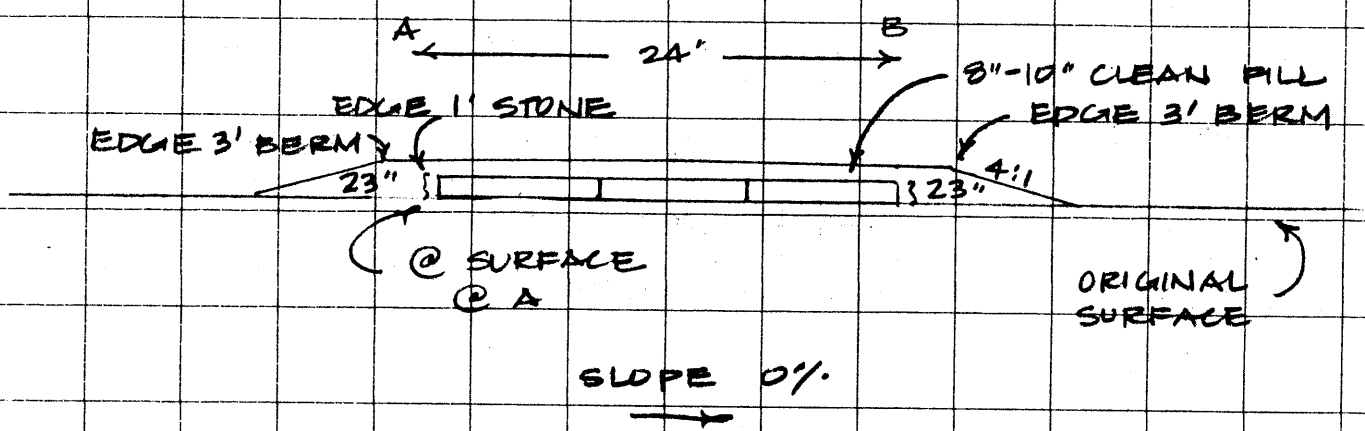
## SUBSURFACE WASTEWATER DISPOSAL PLAN

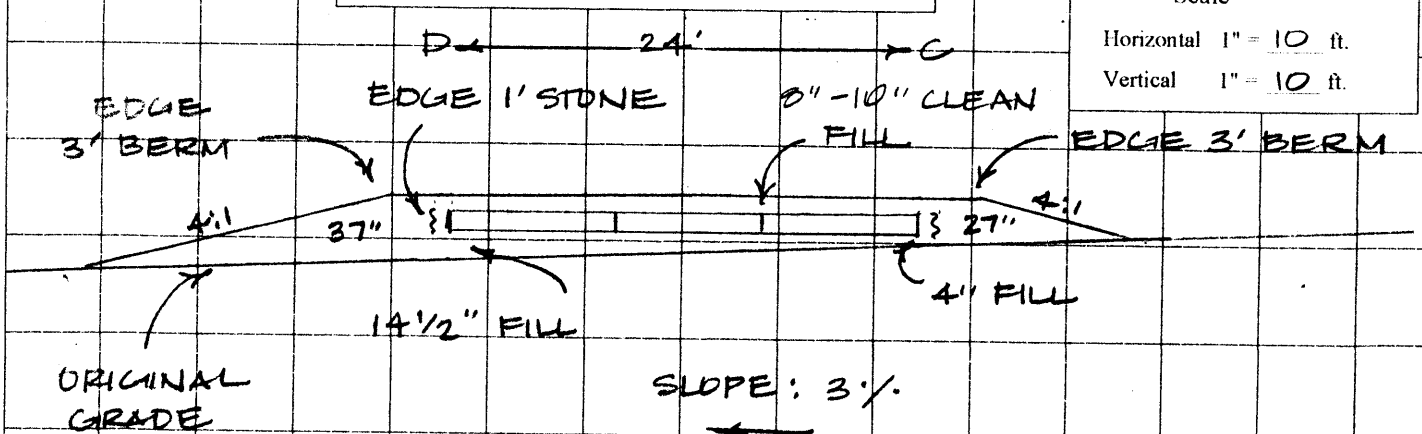
SCALE: 1" = 10 FT.




| FILL REQUIREMENTS | | CONSTRUCTION ELEVATIONS | | ELEVATION REFERENCE POINT |
|---|---|---|---|---|
| Depth of Fill (Upslope) | | Finished Grade Elevation | | Location & Description: |
| | | Top of Distribution Pipe or Proprietary Device | | |
| Depth of Fill (Downslope) | | Bottom of Disposal Area | | Reference Elevation: |

## DISPOSAL AREA CROSS SECTION

Scale
Horizontal 1" = 10 ft.
Vertical 1" = 10 ft.




Site Evaluator Signature: [signature] SE #: 117 Date: 4-11-12