# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 289-3826

## PROPERTY ADDRESS

| | |
|---|---|
| Town Or Plantation | AUGUSTA |
| Street Subdivision Lot # | Mud Mills Rd. |

0097 AUGUSTA *** 11020 ***

Date Permit Issued: 9, 2, 83 $ 10 FEE ☐ If Double Charged

Robert B Stevens L.P.I. # 1617

Local Plumbing Inspector Signature

## PROPERTY OWNERS NAME

Last: Rowe First: Raymond

| | |
|---|---|
| Applicant Name: | Same |
| Mailing Address of Owner/Applicant (If Different) | Mud Mill Road Gardiner 04345 |

### Owner/Applicant Statement

*I certify that the Information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.*

Signature of Owner/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.*

Local Plumbing Inspector Signature — Date Approved

## PERMIT INFORMATION

### THIS APPLICATION IS FOR:

1. ☐ NEW SYSTEM
2. ☒ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ SEASONAL CONVERSION
5. ☐ EXPERIMENTAL SYSTEM

### THIS APPLICATION REQUIRES:

1. ☒ NO RULE VARIANCE REQUIRED
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
   ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
   3. ☐ Requires only Local Plumbing Inspector Approval
   4. ☐ Requires both State and Local Plumbing Inspector Approval

### INSTALLATION IS

**COMPLETE SYSTEM**

1. ☒ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (+2000 gpd)

**INDIVIDUALLY INSTALLED COMPONENTS:**

4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

### IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS: Replacing out House

1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

### DISPOSAL SYSTEM TO SERVE:

1. ☒ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

**SIZE OF PROPERTY:** 13.3 acres

**ZONING:** Shore Land

### TYPE OF WATER SUPPLY

Haul Water Now
Hand Dug well Later

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

### TREATMENT TANK

1. ☒ SEPTIC: ☐ Regular ☐ Low Profile
2. ☐ AEROBIC Existing

SIZE: 1000 GALS.

### WATER CONSERVATION

1. ☒ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET

SPECIFY: _____

### PUMPING

1. ☐ NOT REQUIRED
2. ☐ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☒ REQUIRED

DOSE: 45 GALS.

### CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

DESIGN FLOW: 180 (GALLONS/DAY)

### SOIL CONDITIONS USED FOR DESIGN PURPOSES

| PROFILE | CONDITION |
|---|---|
| 3 | C |

DEPTH TO LIMITING FACTOR: 15

### SIZE RATINGS USED FOR DESIGN PURPOSES

1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

### DISPOSAL AREA TYPE/SIZE

1. ☐ BED 600 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft.
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

## SITE EVALUATOR STATEMENT

☐ SITE EVALUATION WAIVED BY LOCAL OPTION

On Aug. 20, 1983 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

David P. Rocque — Site Evaluator or Professional Engineer's Signature

154 — SE# / PE#

8/20/83 — Date

* Local Plumbing Inspectors Signature if a Local Site Evaluation Waiver under a Local Option

City

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

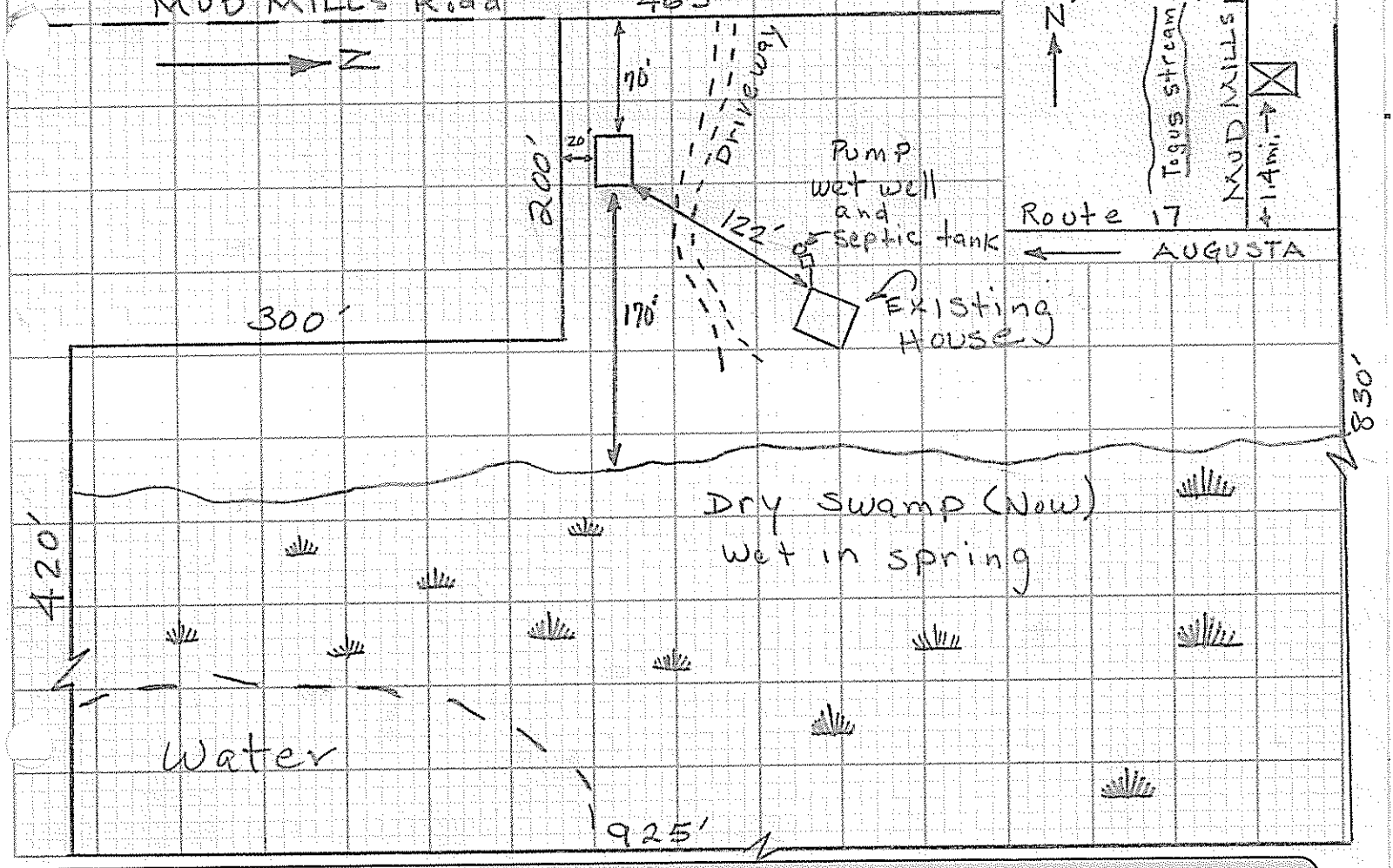
Department of Human Services
Division of Health Engineering

| Town, City, Plantation | Street, Road, Subdivision | Owners Name |
|---|---|---|
| AUGUSTA | MUD MILLS RD. | Raymond Rowe |

## SITE PLAN

Scale 1" = 100' Ft.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)




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

Observation Hole P 1 ☒ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

| Depth below mineral soil surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–6 | Loam | Loose | Dark Brown | Less than 2% |
| 6–15 | Loamy Sand | V. Firm | Brown | |
| 15–50 | | | Grey Brown | more than 2% |

| Soil Profile | Classification Condition | Slope | Limiting Factor | |
|---|---|---|---|---|
| 3 | C | 2 % | 15" | ☐ Ground Water ☐ Restrictive Layer ☐ Bedrock |

Observation Hole P 2 ☒ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

| Depth below mineral soil surface (inches) | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0–6 | Loamy Sand | Loose | Brown | Less than 2% |

| Soil Profile | Classification Condition | Slope | Limiting Factor | |
|---|---|---|---|---|
| 3 | B | 2 % | No | ☐ Ground Water ☐ Restrictive Layer ☐ Bedrock |

David P. Rocque — Site Evaluator or Professional Engineer's Signature

154 — SE# / PE#

8/20/83 — Date

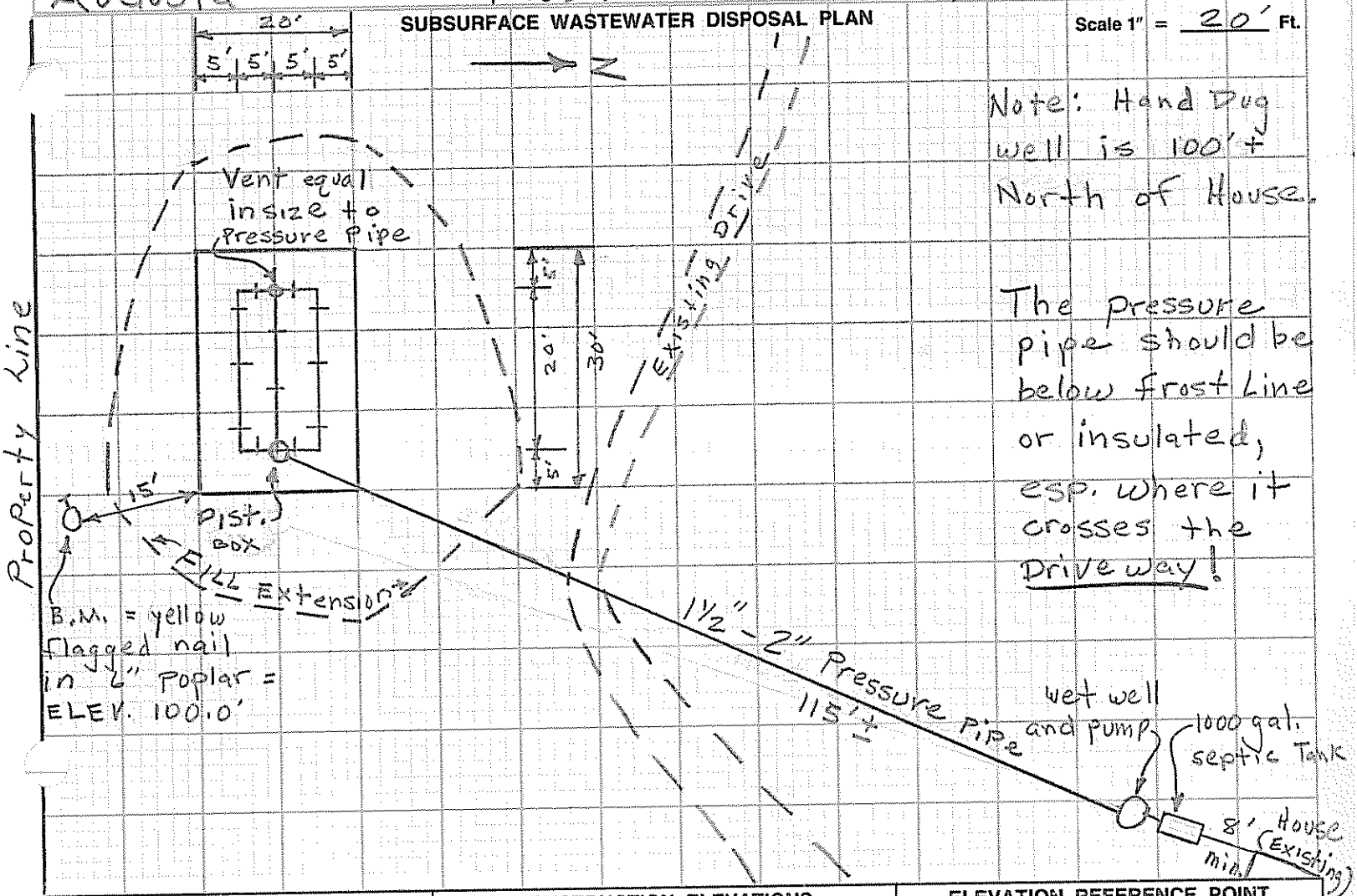
Department of Human Services
Division of Health Engineering

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

| Town, City, Plantation | Street, Road, Subdivision | Owners Name |
|---|---|---|
| Augusta | Mud Mills Road | Raymond Rowe |

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.




Note: Hand Dug well is 100' ± North of House.

The pressure pipe should be below frost line or insulated, esp. where it crosses the Driveway!

| FILL REQUIREMENTS | | CONSTRUCTION ELEVATIONS | | ELEVATION REFERENCE POINT LOCATION & DESCRIPTION |
|---|---|---|---|---|
| Depth of Fill (Upslope) | 24" | Reference Elevation is | 100.0' | yellow flagged nail in 6" |
| Depth of Fill (Downslope) | 36" | Bottom of Disposal Area | 96.8 | Poplar - 15' from Bed. |
| | | Top of Distribution Lines or Chambers | 97.6' | |

## DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = Ft.
Horizontal: 1 inch = Ft.

SEE SHEET 3A

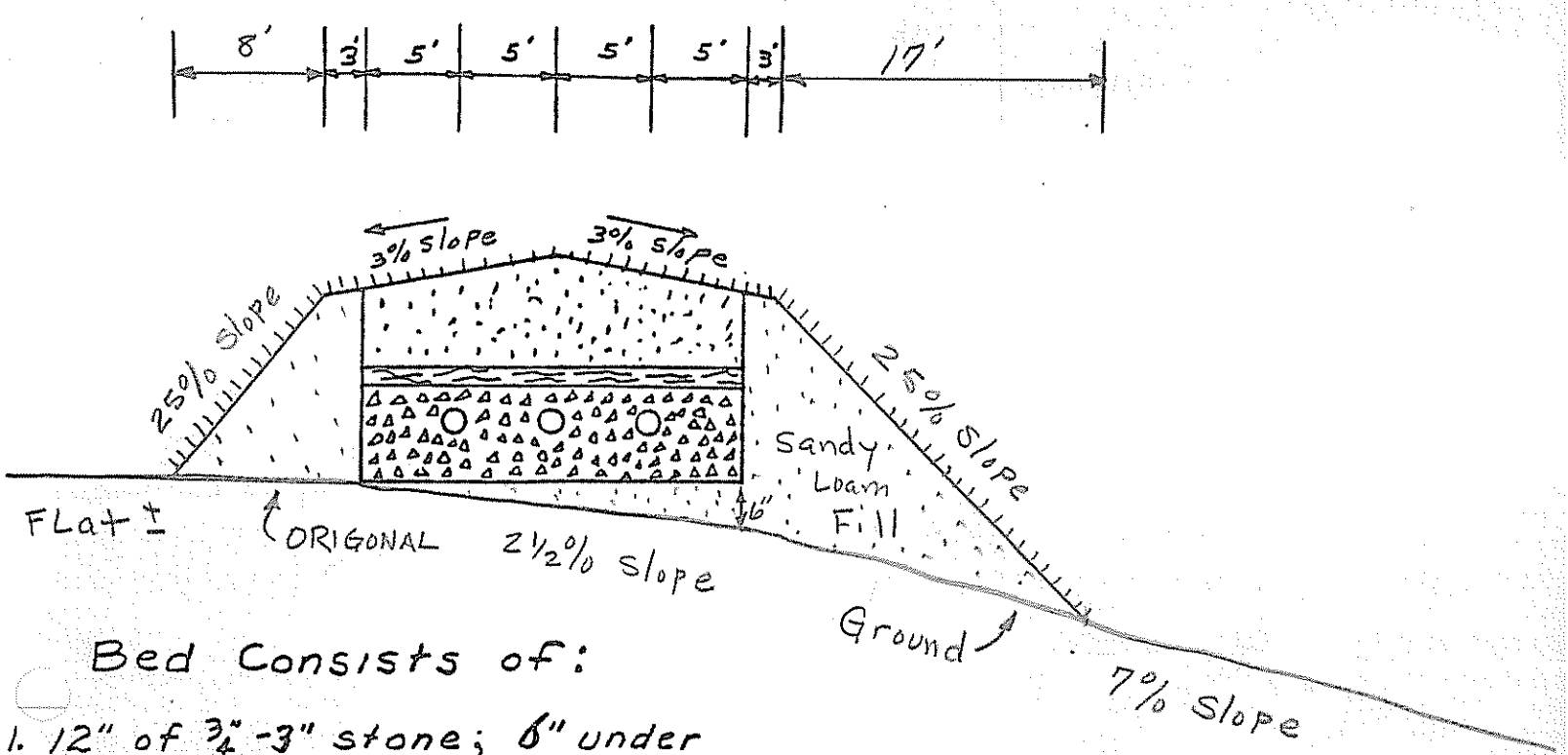
David P. Rogers
Site Evaluator or Professional Engineer's Signature

154
SE # / PE #

8/20/83
Date

# Subsurface Absorption Area Cross-Section

(Not to Scale)




## Bed Consists of:

1. 12" of ¾"-3" stone; 6" under pipe and 2" over pipe.
2. 2" of compressed hay over stone, or treated building paper.
3. 8" of sandy loam to sand fill, over hay.
4. Top of bed to be stabilized with loam if necessary, and grass seed.

Note:
Remove organic matter and scarify soil before installing bed and fill.

B.M. = yellow flagged nail in 6" poplar = ELEV. 100.0'

Bottom of Bed = ELEV. 96.8'

Top of Bed = ELEV. 98.8' at edge

Top of Bed at center = ELEV. 99.1'