M2 L180A

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

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

## PROPERTY ADDRESS

| | |
|---|---|
| Town Or Plantation | Augusta |
| Street Division Lot # | Eight Rod Road |

AUGUSTA 3030 TOWN COPY

Date Permit Issued: 7/27/94 $ 60.00 FEE ☐ If Double Fee Charged

L.P.I. # 850

Local Plumbing Inspector Signature

## PROPERTY OWNERS NAME

Last: Bulac First: Gilles

| | |
|---|---|
| Applicant Name: | Same |
| Mailing Address of Owner/Applicant (If Different) | RFD 3 Box 1051<br>Augusta Me 04330 |

### 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.*

Gilles Bulac 7/27/94

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.*

11-14-94 R.

Local Plumbing Inspector Signature — Date Approved

## PERMIT INFORMATION

**THIS APPLICATION IS FOR:**
1. ☐ NEW SYSTEM
2. ☑ REPLACEMENT SYSTEM
3. ☑ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

**SEASONAL CONVERSION**
to be completed by the LPI
5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED – P# _____
9. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

**THIS APPLICATION REQUIRES:**
1. ☑ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
a. ☐ Requiring Local Plumbing Inspector Approval
b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

**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 _____ GAL
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 ~1973
THE FAILING SYSTEM IS:
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 | ZONING |
|---|---|
| 7-8 acres | Rural |

**TYPE OF WATER SUPPLY**
Existing Dug Well

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

**TREATMENT TANK**
1. ☑ SEPTIC: ☑ Regular or ☑ Low Profile
2. ☐ AEROBIC

SIZE: 1500 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: 60 GALS.

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

Expansion to:
2 1 Bed Room = 240
1 2 Bed Room = 180
420

DESIGN FLOW: 420 (GALLONS/DAY)

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

| PROFILE | CONDITION |
|---|---|
| 5 | 13 |

DEPTH TO LIMITING FACTOR: >48.

**SIZE RATINGS USED FOR DESIGN PURPOSES**
1. ☐ SMALL
2. ☑ MEDIUM
3. ☐ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

**DISPOSAL AREA TYPE/SIZE**
1. ☐ BED _____ Sq. Ft.
2. ☑ CHAMBER _____ Sq. Ft.
☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

## SITE EVALUATOR STATEMENT

On 10/93 + 7/15/94 (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.

Site Evaluator Signature — SE# 201 — Date 7/16/94

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

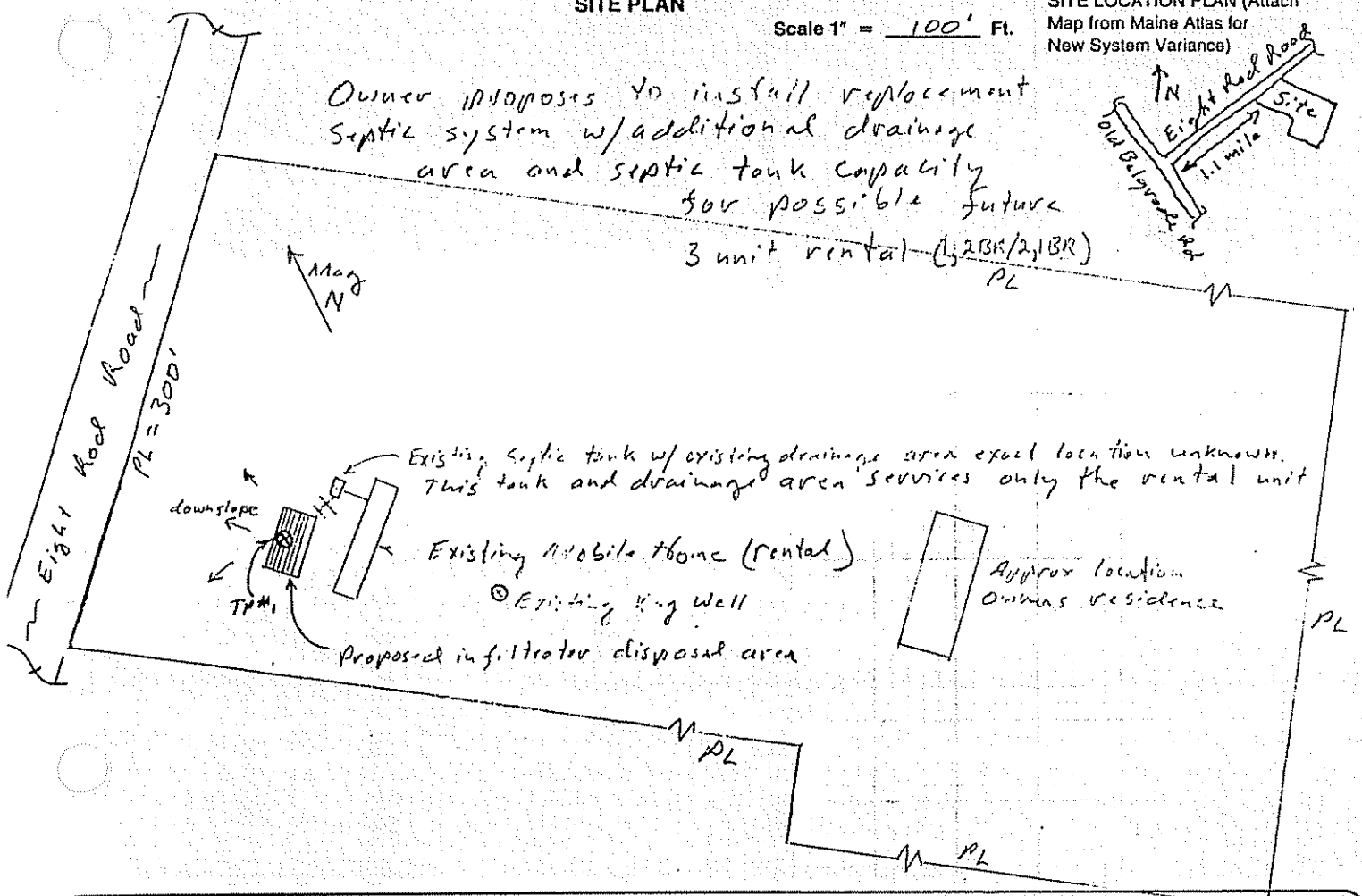
Department of Human Services
Division of Health Engineering

Town, City, Plantation: Augusta
Street, Road, Subdivision: Eight Rod Road
Owners Name: Gilles Dulac

## 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 TP #1 ☑ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Depth | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0 | Loamy Sandy Fill | Loose | Fill | |
| 6 | Sandy loam | | Dk Br | |
| 10 | Fine loamy sand | Loose | Dk Br | |
| 15 | Medium to fine | | Yl Br | |
| 20 | Sand | Friable | lt Yl Br | |
| 30 | ↓ | ↓ | ↓ | None Observed |
| 40 | | | | |
| 50 | | | | |

| Soil | Classification | Slope | Limiting Factor | |
|---|---|---|---|---|
| C (Profile) | B (Condition) | 10 % | 48 + | ☐ Ground Water ☐ Restrictive Layer ☐ Bedrock |

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Depth | Texture | Consistency | Color | Mottling |
|---|---|---|---|---|
| 0 | | | | |
| 6 | | | | |
| 10 | | | | |
| 15 | | | | |
| 20 | | | | |
| 30 | | | | |
| 40 | | | | |
| 50 | | | | |

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

[signature] Site Evaluator Signature

201 SE#

7/16/94 Date

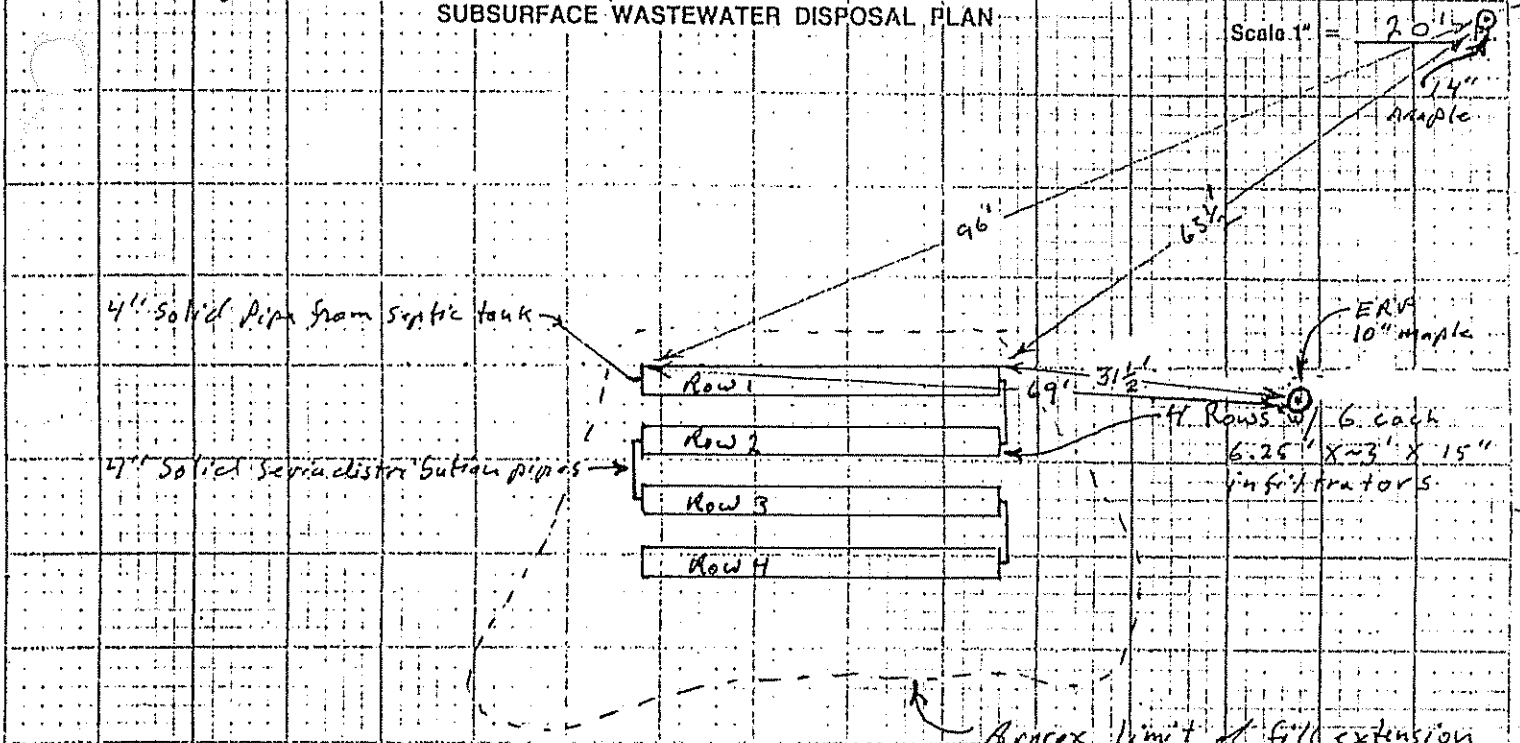
# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

| Town, City, Plantation | Street, Road, Subdivision | Owners Name |
|---|---|---|
| Augusta | Eight Rod Road | Gilles Dulac |

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20'




Approx. limit of fill extension. Actual limit of extension must meet infiltrator cover, 3' berm, and max allowable grade requirements.

Caution: Existing drainage area within footprint of fill extension must be removed to avoid blinding or short circuiting. Do not use existing drainage material in fill extension except if suitable to mix w/ surface loam. Also, remove existing septic tank.

**FILL REQUIREMENTS**

Depth of Fill (Upslope) ~4"

Depth of Fill (Downslope) Varies ~12"

**CONSTRUCTION ELEVATIONS**

Reference Elevation is 0'00"

Bottom of Disposal Area See below

~~Top of Distribution Lines or Chambers~~

**ELEVATION REFERENCE POINT LOCATION & DESCRIPTION**

ERP is red flagged nail in 10" maple, shown above.

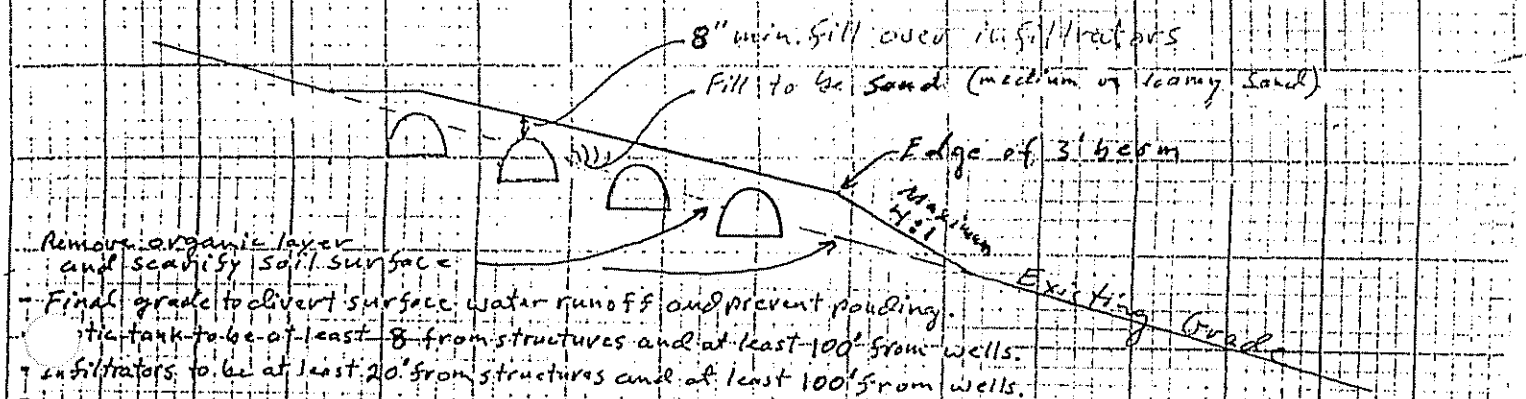
## DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 5' Ft.

Horizontal: 1 inch = 10' Ft.

| | | Row 1 | | Row 2 | | Row 3 | | Row 4 | |
|---|---|---|---|---|---|---|---|---|---|
| Top | X | 33" | X | 40" | X | 47" | X | 54" | X |
| Bottom | | 48" | | 55" | | 62" | | 69" | |
| | 3' | 3' | 3' | 3' | 3' | 3' | 3' | 3' | 3' |




Remove organic layer and scarify soil surface

- Final grade to divert surface water runoff and prevent ponding.
- Septic tank to be at least 8 from structures and at least 100' from wells.
- Infiltrators to be at least 20' from structures and at least 100' from wells.

Site Evaluator Signature: [signature]

SE#: 201

Date: 7/16/94



HHE-200 Rev. 1/84