M75 L5H

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

## PROPERTY ADDRESS

| | |
|---|---|
| Town Or Plantation | AUGUSTA |
| Street /ivision Lot # | Outlet Rd. |

## PROPERTY OWNERS NAME

DOUIN PAUL
Last: ~~AYOTTE~~ First: ~~LARRY~~

| | |
|---|---|
| Applicant Name: | PAUL DOUIN |
| Mailing Address of Owner/Applicant (If Different) | FAIRVIEW ESTATES LOT 59<br>RANDOLPH, ME 04346 |

AUGUSTA 3738 TOWN COPY

Date Permit Issued: 7/17/97 $ 60.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature: Gary R. Fuller L.P.I. # 850

### 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.*

Paul J Douin — Signature of Owner/Applicant — 7/15/97 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: 7/24/97 GRF

## 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# _____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

N/A

**IF REPLACEMENT SYSTEM:**
YEAR FAILING SYSTEM INSTALLED _____
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

N/A

| SIZE OF PROPERTY | ZONING |
|---|---|
| 5.7 Acres | |

**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

**DISPOSAL SYSTEM TO SERVE:**
1. ☐ SINGLE FAMILY DWELLING
2. ☒ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

**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

**TYPE OF WATER SUPPLY**
WELL - TO BE DRILLED

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

**TREATMENT TANK**
1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC
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: _____ GALS.

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

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

| PROFILE | CONDITION |
|---|---|
| 8 | C |

DEPTH TO LIMITING FACTOR: 16"

**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: _____

DESIGN FLOW: 270 GPD (GALLONS/DAY)

## SITE EVALUATOR STATEMENT

On JUNE 24 1997 (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.

Dennis B Angell — Site Evaluator Signature
137 — SE#
6-30-97 — Date

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

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

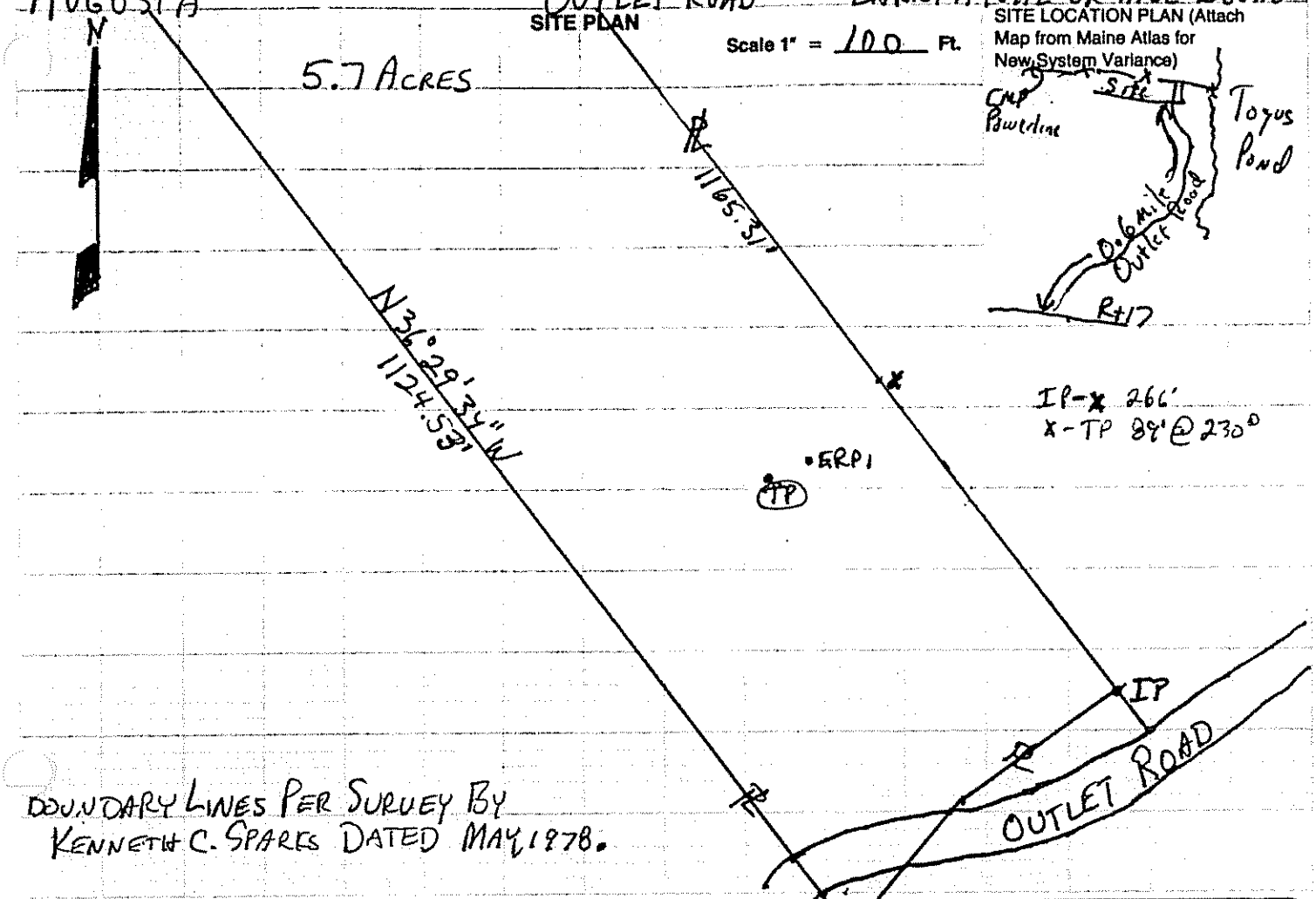
Town, City, Plantation: AUGUSTA

Street, Road, Subdivision: OUTLET ROAD

Owners Name: LARRY AYOTTE OR PAUL DOUIN

## SITE PLAN

Scale 1" = 100 Ft.




BOUNDARY LINES PER SURVEY BY KENNETH C. SPARES DATED MAY, 1978.

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




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

Observation Hole 1 ☒ Test Pit ☐ Boring

2 inches " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Texture | Consistency | Color | Mottling |
|---|---|---|---|
| VERY FINE SAND | FRIABLE | DARK YELLOWISH BROWN | |
| SILT LOAM | SOMEWHAT FIRM | LIGHT OLIVE BROWN | FEW FAINT |
| V | FIRM TO MASSIVE | OLIVE | COMMON DISTINCT |

COLORS PER MUNSELL SOIL COLOR CHART.

| Soil | Classification | Slope | Limiting Factor | |
|---|---|---|---|---|
| B (Profile) | C (Condition) | 6 % | 16 | ☐ Ground Water ☒ Restrictive Layer ☐ Bedrock |

Observation Hole IP ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

| Texture | Consistency | Color | Mottling |
|---|---|---|---|
| | | | |

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

Glenn B Angell
Site Evaluator Signature

137
SE#

6-30-97
Date

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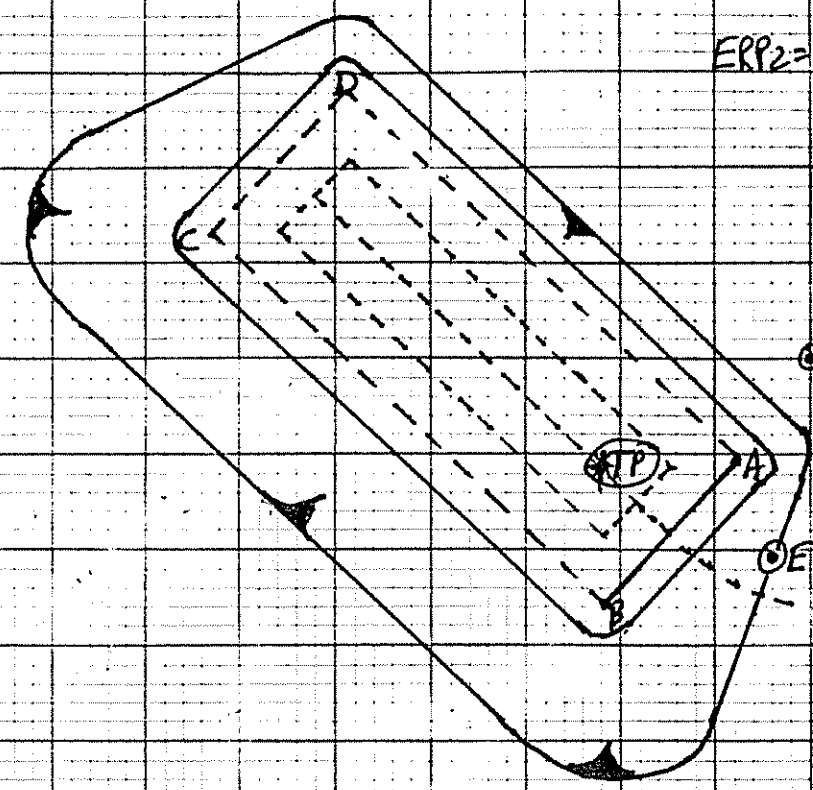
Department of Human Services
Division of Health Engineering

Town, City, Plantation: AUGUSTA | Street, Road, Subdivision: OUTLET ROAD | Owners Name: LARRY AYOTTE or PAUL DOUIN

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.




ERP2 = Flagged Nail in 11 inch DBH Hemlock

| | | |
|---|---|---|
| ERP1-TP | 25 Feet | 242° |
| ERP1-A | 13'4" | 217° |
| ERP1-B | 33'3" | 220° |
| ERP1-C | 64' | 283° |
| ERP1-D | 56' | 300° |
| ERP2-TP | 18'6" | 296° |
| ERP2-A | 10'9" | 340° |
| ERP2-B | 18' | 254° |
| ERP2-C | 67'6" | 301° |
| ERP2-D | 66' | 298° |

Septic Tank To Be At Least 8 Ft From House.

**FILL REQUIREMENTS**

Depth of Fill (Upslope): 21"
Depth of Fill (Downslope): 36"

**CONSTRUCTION ELEVATIONS**

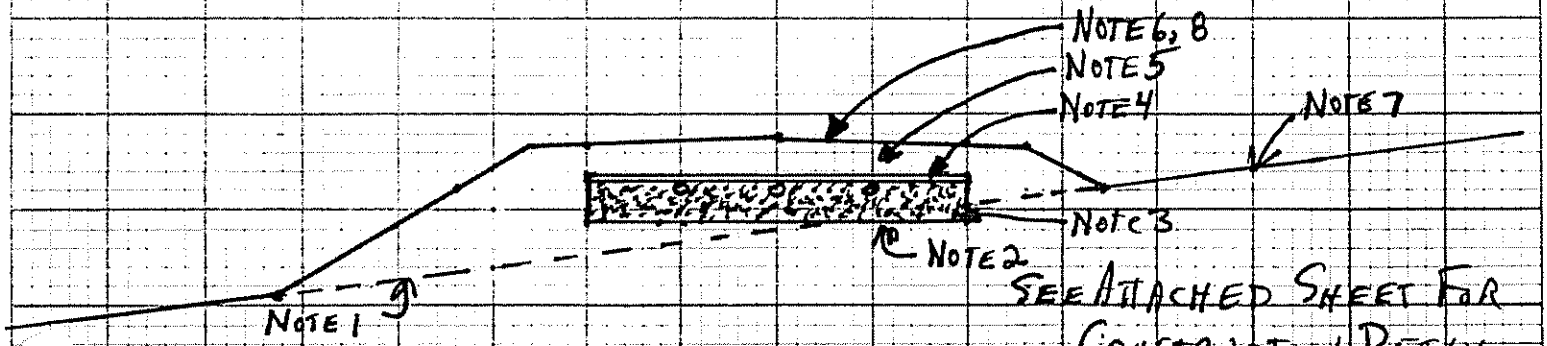
Reference Elevation is: 0'0"
Bottom of Disposal Area: -3'9"
Top of Distribution Lines or Chambers: -2'10"

**ELEVATION REFERENCE POINT LOCATION & DESCRIPTION**

ERP1 Flagged Nail 2 Feet above ground in 11" DBH White Oak

## DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 Inch = 5 Ft.
Horizontal: 1 Inch = 10 Ft.




See Attached Sheet For Construction Detail Notes

Glenn B Angell
Site Evaluator Signature

137
SE#

6-30-97
Date

# APPENDIX A

THE FOLLOWING CONSTRUCTION SPECIFICATIONS SHALL BE MET WHEN INSTALLING THIS SUBSURFACE WASTEWATER DISPOSAL SYSTEM:

1. All vegetation and the organic soil horizon within the proposed disposal area shall be removed and the ground's surface shall be scarified to minimize glazing of the original soil.
2. The bottom of the disposal area and the distribution lines shall be level with a maximum grade tolerance of 2 inches per 100 feet. The elevation of the base of the bed shall equal that specified on these plans.
3. A minimum of 12 inches of washed stone shall be used in the construction of the disposal bed. This stone shall be from 3/4 to 2 1/2 inches in diameter and be free of dust, fines ashes or clay. At least 7 inches of stone shall be beneath the distribution pipes and at least one inch of stone shall be above the pipes. Stone shall be placed so that it uniformly covers the entire area of the distribution bed.
4. The disposal field stone layer shall be completely covered with either a layer of approved filter fabric or 2 inches of compressed hay. If filter fabric is used its edges shall be overlapped by at least 6 inches.
5. Immediately above the filter fabric or hay, backfill shall be placed. Fill shall be free of foreign material, placed in 8 inch lifts and compacted as it is placed. Fill shall be of sandy loam texture or coarser.
6. The finished grade of the backfill around the disposal area shall be crowned from the bed outward for 3 feet at a 3 percent slope and then down to the original ground's surface at a slope not to exceed 25 percent.
7. The land adjacent to the disposal area shall be graded to prevent both the accumulation of surface water on the disposal area and the flow of surface water across the disposal area.
8. The finished disposal area and the fill extensions shall be seeded to prevent erosion. Grass, clover, trefoil, vetch, perennial wildflowers or other herbaceous perennials may be utilized for this task. Woody shrubs are not acceptable.
9. In all cases, construction shall conform to the specifications of Chapter 12 of the Maine Subsurface Wastewater Disposal Rules.