

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Division of Health Engineering  
(207)289-3826

## PROPERTY ADDRESS

Town Or Plantation: Augusta  
 Street Subdivision Lot #: RT 3

M7L61

AUGUSTA

Date Permitted: 7-13-91      \$ 169.00 TOWN COPY FEE       Double Fee Charged

Jay R. Fulle Local Plumbing Inspector Signature      L.P.I. # 850

## PROPERTY OWNERS NAME

Last: Lacasse First: William

Applicant Name: William Lacasse

Mailing Address of Owner/Applicant (if Different): RFD 7 Box 120 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.

Signature of Owner/Applicant: [Signature] 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: [Signature] Date Approved: 7/12/91

## 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

### IF REPLACEMENT SYSTEM:

IF A FAILING SYSTEM INSTALLED 20+

THE FAILING SYSTEM IS:

1.  BED
2.  CHAMBER
3.  TRENCH
4.  OTHER: \_\_\_\_\_

### 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

SIZE OF PROPERTY

ZONING

3/4 Acre

Rural

### DISPOSAL SYSTEM TO SERVE:

1.  SINGLE FAMILY DWELLING
2.  MODULAR OR MOBILE HOME
3.  MULTIPLE FAMILY DWELLING
4.  OTHER \_\_\_\_\_

SPECIFY

### TYPE OF WATER SUPPLY

Drilled Well

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

### TREATMENT TANK

1.  SEPTIC:  Regular  
 Low Profile
2.  AEROBIC

SIZE: 1000 GALS.

Zabul Filter Basement

### 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: 50 GALS.

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

3 Bedroom Moderate Flow

24 Infiltrators Total

4 Rows of Infiltrators

### SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE: 2      CONDITION: A/III/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 \_\_\_\_\_ Sq. Ft.
2.  CHAMBER 600 Sq. Ft.  
 REGULAR  H-20
3.  TRENCH \_\_\_\_\_ Linear Ft.
4.  OTHER: In Infiltrators

DESIGN FLOW: 360

(GALLONS/DAY)

## SITE EVALUATOR STATEMENT

On 5-16-1989 (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.

[Signature]

Site Evaluator Signature

241

SE#

5-17-1989

Date

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

# SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

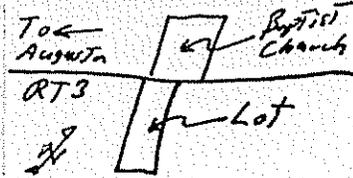
Augusta

RT 3  
SITE PLAN

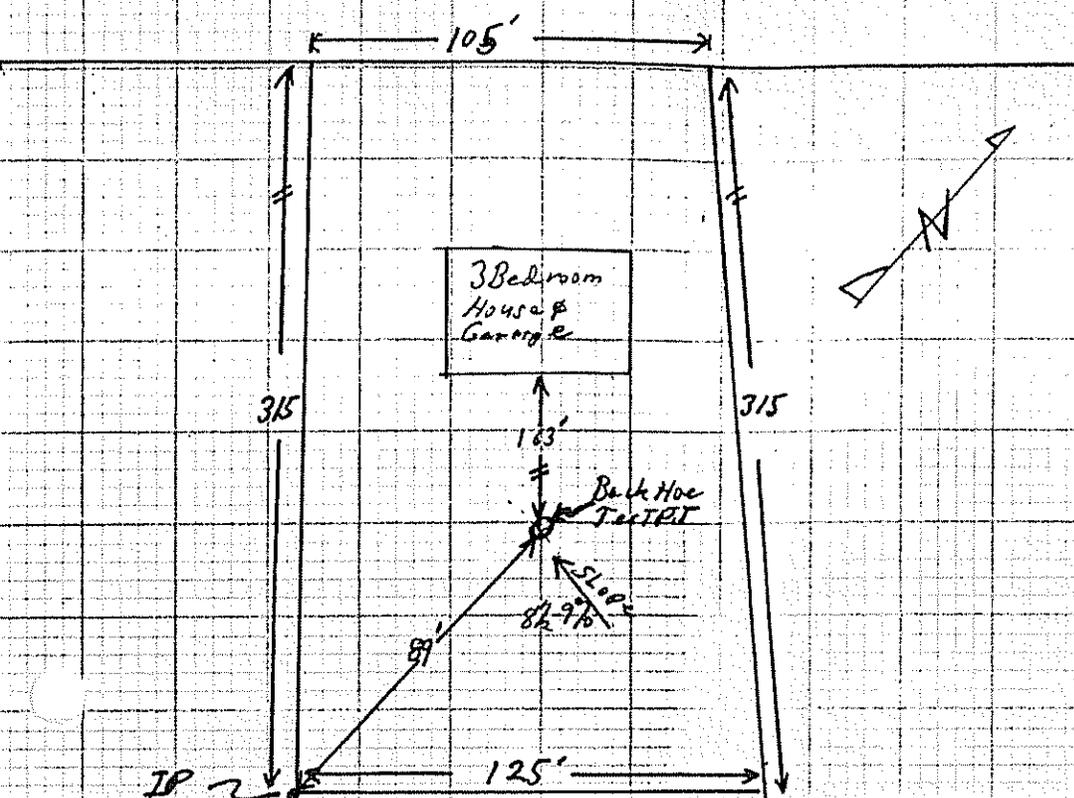
William Lacasse

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

Scale 1" = 50' Ft.



RT 3 North Belfast Ave



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

Observation Hole Back Hoe  Test Pit  Boring

\* Depth of Organic Horizon Above Mineral Soil

Observation Hole  Test Pit  Boring

### EXCERPTS FROM MAINE PLUMBING CODE

#### D. Construction Details.

[1] The vegetation and the organic horizon in the proposed disposal area and fill extensions shall be removed and the ground surface scarified to minimize glazing of the original soil.

[2] The bottom of the disposal area and distribution line shall be level with a maximum grade tolerance of 1 inch per 100 ft.

[3] Fill shall be free of foreign material, placed in 8 inch lifts and compacted as placed. Fill shall be sandy loam or coarser and specified on Application.

[4] The finish grade of the backfill over the disposal area shall be crowned from the center of the disposal area at a 3% slope and extend 3 ft. beyond the edge of the disposal area. At that point the fill shall be sloped at a uniform grade of no greater than 25% [4:1] to the original ground. All stone used in disposal areas shall be clean and conform to one of the size rating from Table 11-2.

Texture	Consistency	Color	Mottling
Loamy Sand	Friable	Brown	
		Red Brown	
		Yellow Brown	
		Olive	Common
			Distinct
Bed Rock			

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Soil Profile	Classification	Slope	Limiting Factor	<input checked="" type="checkbox"/> Ground Water
2	A-1(1)	8 1/2 %	15'	<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> Bedrock

Profile	Condition	%	<input type="checkbox"/> Restrictive Layer
			<input type="checkbox"/> Bedrock

Site Evaluator Signature

241 SE#

5-17-1989 Date



ADDITIONAL INFORMATION ABOUT YOUR SEPTIC SYSTEM

1. YOU SHOULD HAVE YOUR SEPTIC TANK PUMPED OUT AND CHECKED EVERY TWO YEARS OF MORE OFTEN TO PROLONG THE LIFE OF YOUR SYSTEM.
2. IF YOU PLAN TO INSTALL A GARBAGE DISPOSAL IN YOUR HOME YOU SHOULD HAVE THE NEXT AVAILABLE SIZE SEPTIC TANK INSTALLED. An alternative to this is the installation of a Zabel Industries Inc. Multi-purpose Filter, Model #A100 or equivalent on the outlet end of the septic tank.
3. Water softeners should drain to a separate grey water disposal system.
4. Your septic tank must be installed level and all joints, inspection covers etc. must be water tight. The same is necessary for a pump tank if your system requires one.
5. The outlet invert elevation should be equal to or higher than the finish grade of the septic field to avoid flooding of the tank and solids entering the field.
6. Your system is designed to handle laundry waste water provided a separated laundry system is not indicated on Page 1 of your HHE-200 form and the total daily design flow shown on Page 1 is not exceeded. If a low water toilet is required it must use less than 1.5 gallons per flush.

ALL CONSTRUCTION SHALL CONFORM WITH SECTION 11-D "STATE OF MAINE-SUBSURFACE WASTEWATER DISPOSAL RULES-CHAPTER 241", AND ALL OTHER PERTINENT SECTIONS.

ALL FILL SHALL BE SANDY LOAM COARSER WITH SUFFICIENT FINES FOR ADEQUATE COMPACTION.

WELLS SHALL BE LOCATED A MINIMUM 100' FROM SUBSURFACE DISPOSAL SYSTEM.

PROPERTY LINES SHOWN ARE AS PROVIDED BY OWNER AND NO GUARANTEE OF ACCURACY IS IMPLIED. ACTUAL PROPERTY LINES MUST BE CONFIRMED BY SURVEY.

APPLICABILITY OF DESIGN MUST BE REEVALUATED WHEN LOCATION OF STRUCTURES ARE SUBSTANTIALLY DIFFERENT THAN THOSE SHOWN ON THE SITE PLAN OR WHEN OTHER STRUCTURES, ADDITIONS, OR APPURTENANCES (IE. SWIMMING POOLS) ARE CONSIDERED.

SYSTEMS PUT INTO SERVICE PRIOR TO ESTABLISHING PROPER COVER SHALL BE PROVIDED WITH ADEQUATE EROSION CONTROL TO PREVENT DAMAGE TO THE SYSTEM.

PROVIDE LOW PROFILE SEPTIC TANK WHEN DETERMINED AS NECESSARY IN THE FIELD.

LOTS NOT MEETING THE REQUIREMENTS OF THE "MINIMUM LOT SIZE RULE" BUT RECORDED PRIOR TO ITS EFFECTIVE DATE REQUIRE A "MINIMUM LOT SIZE WAIVER" AS ISSUED BY THE DEPARTMENT OF HUMAN SERVICES - DIVISION OF HEALTH ENGINEERING.

FORCE MAINS, PUMP STATIONS, AND/OR GRAVITY PIPING SUBJECT TO FREEZING SHALL BE ADEQUATELY INSULATED.

THE L.P.I. SHALL INFORM THE OWNER AND DESIGNER OF ANY LOCAL ORDINANCE EXCEEDING THE RULES (CHAPT 241), PRIOR TO ISSUING A PERMIT, SO THAT THE APPLICATION MAY BE PROPERLY AMENDED TO CONFORM TO SUCH ORDINANCES.