

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS	
Town Or Plantation	<u>Augusta</u>
Street Division Lot #	<u>Bog Road</u>
PROPERTY OWNERS NAME	
Last: <u>Ainslee</u>	First: <u>Jay</u>
Applicant Name:	<u>Jay Ainslee</u>
Mailing Address of Owner/Applicant (If Different)	<u>RFD # Box 532 Augusta Me 04330</u>

AUGUSTA PERMIT # 1,605 TOWN COPY

Date Permit Issued: 5/18/89 \$ 40.00  II Double Fee Charged

Jay R. Fuller  
Local Plumbing Inspector Signature

L.P.I. # 18150

**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.

Jay Ainslee 5-18-89  
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.

Jay R. Fuller 6-13-89  
Local Plumbing Inspector Signature Date Approved

## PERMIT INFORMATION

**THIS APPLICATION IS FOR:**

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

**THIS APPLICATION REQUIRES:**

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE  
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE  
Attach Replacement System Variance Form
  - Requiring Local Plumbing Inspector Approval
  - Requires State and Local Plumbing Inspector Approval
- MINIMUM LOT SIZE VARIANCE

**INSTALLATION IS:**

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM  
(Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

**SEASONAL CONVERSION**  
to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# \_\_\_\_\_
- SYSTEM DESIGN RECORDED AND ATTACHED

**DISPOSAL SYSTEM TO SERVE:**

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER \_\_\_\_\_ SPECIFY \_\_\_\_\_

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK \_\_\_\_\_ GAL
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

**IF REPLACEMENT SYSTEM:**  
YEAR FAILING SYSTEM INSTALLED 1979  
THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: \_\_\_\_\_

SIZE OF PROPERTY 2 Acres ZONING Residential

**TYPE OF WATER SUPPLY**  
Drilled Well

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

**TREATMENT TANK**

- SEPTIC:  Regular  Low Profile
- AEROBIC  
1000 Existing +  
SIZE: 1000 Additional GALS.  
+ Zabel Filter

**WATER CONSERVATION**

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: \_\_\_\_\_

**PUMPING**

- NOT REQUIRED
- MAY BE REQUIRED  
(DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: \_\_\_\_\_ GALS.

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

5 Bedroom Min Flow +  
450 + 90 Gpd

Existing Bed 20x35'  
270 Gpd

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

PROFILE	CONDITION
<u>5</u>	<u>C</u>

DEPTH TO LIMITING FACTOR: 32

**SIZE RATINGS USED FOR DESIGN PURPOSES**

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

**DISPOSAL AREA TYPE/SIZE**

- BED 1400 Sq. Ft.
- CHAMBER \_\_\_\_\_ Sq. Ft.
  - REGULAR  H-20
- TRENCH \_\_\_\_\_ Linear Ft.
- OTHER: \_\_\_\_\_

Addition = 20x35'  
270 Gpd

Total Bed size 1400 sq ft.

DESIGN FLOW: 540 TOTAL  
(GALLONS/DAY)

## SITE EVALUATOR STATEMENT

5-1-1989 (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.

ED 241 5-6-1989  
Site Evaluator Signature SE# Date

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

Page 1 of 3  
DME-200 Rev. 11/86



# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

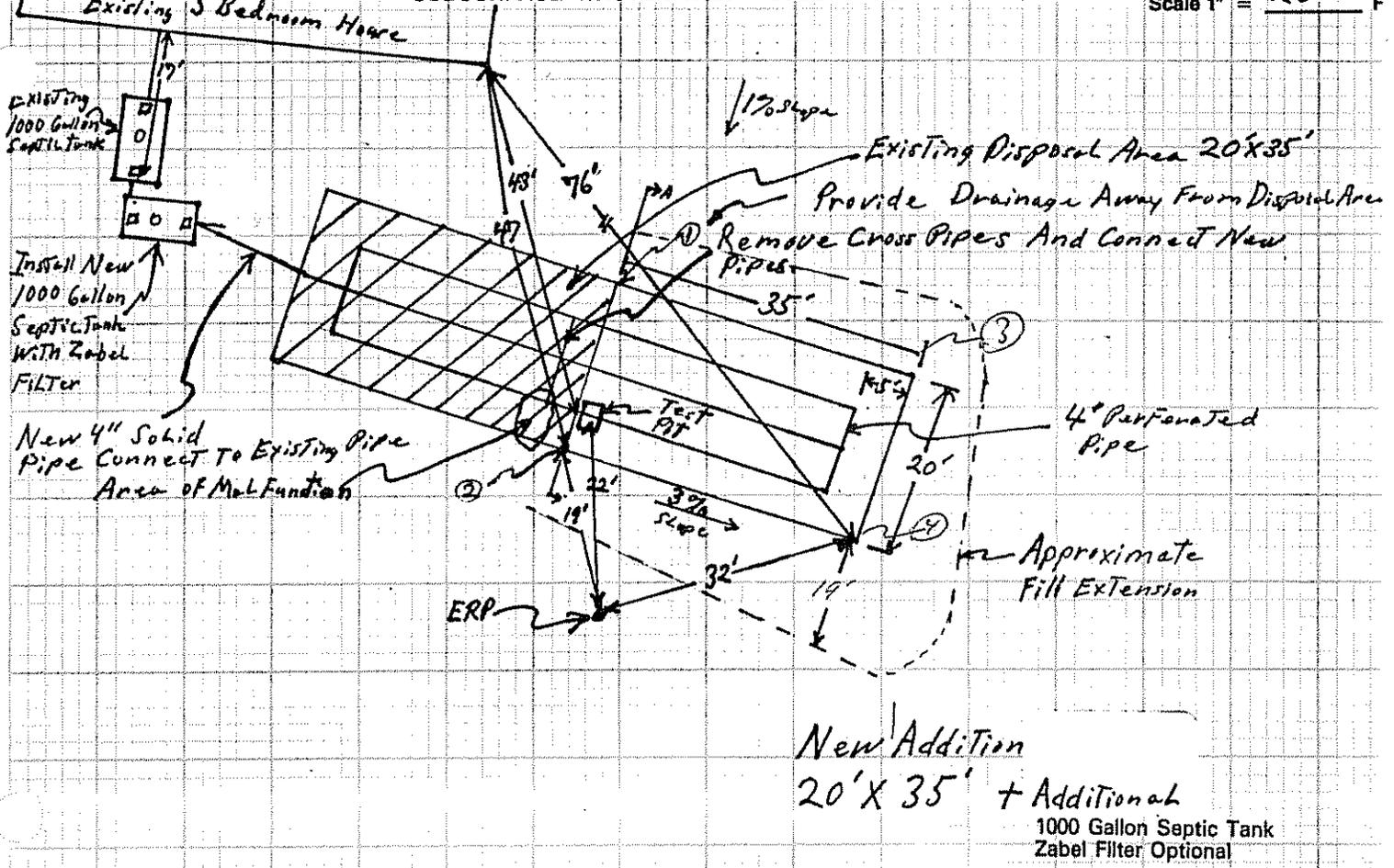
Augusta

Bog Road

Jay Ainslee

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' F



### FILL REQUIREMENTS

Depth of Fill (Upslope) ① 10" ③ 18"  
Depth of Fill (Downslope) ② 12" ④ 24 1/2"

### CONSTRUCTION ELEVATIONS

Reference Elevation Is 0  
Bottom of Disposal Area -62"  
Top of Distribution Lines or Chambers -50

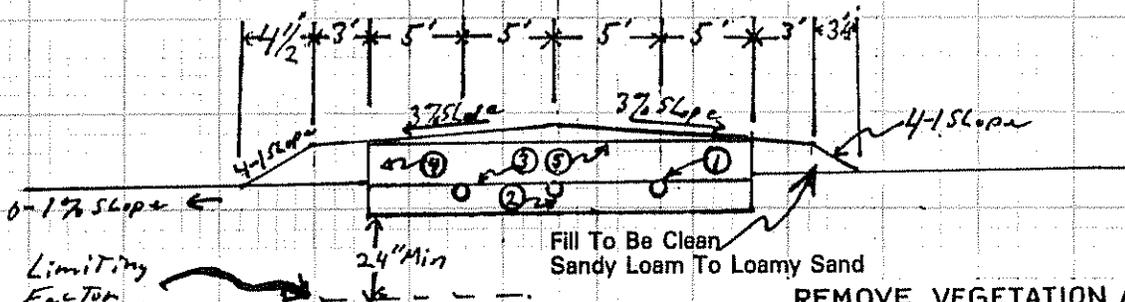
### ELEVATION REFERENCE POINT

LOCATION & DESCRIPTION  
-62" Nail in Tag # 33 in Tree  
-50 Marked ERP.

### DISPOSAL AREA CROSS SECTION -A

#### PROVIDE FOR SURFACE DRAINAGE AWAY FROM Disposal Area

Seed And Mulch To Prevent Erosion



Scale:

Vertical: 1 inch = 5' Ft.  
Horizontal: 1 inch = 10' Ft.

- ① 4-inch perforated PVC pipe
- ② 12" crushed rock as per Table 11-2
- ③ 2" compacted hay
- ④ 8" clean sand
- ⑤ 4" loam

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER Disposal Area AND FILL EXTENSION AREAS.

BOTTOM OF Disposal Area i TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.

EPW

Site Evaluator Signature

241

SE#

5-6-1989

Date

ADDITIONAL INFORMATION ABOUT YOUR SEPTIC SYSTEM

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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 softners 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.

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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.

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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 ORDINANCES EXCEEDING THE RULES (CHAPT 241), PRIOR TO ISSUING A PERMIT, SO THAT THE APPLICATION MAY BE PROPERLY AMENDED TO CONFORM TO SUCH ORDINANCES.