

12-36

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS

Town Or Plantation: **AUGUSTA**

Street Division Lot #: **27 SPRING RD.**

PROPERTY OWNERS NAME

Last: **KILMER** First: **ROBERT**

Applicant Name:

Working Address of Owner/Applicant (If Different): **RR#7 BOX 1485
AUGUSTA, ME 04330**

AUGUSTA 3262 TOWN COPY

Date Permit Issued: **4/10/95** \$ **60.00** FEE Double Fee Charged

Local Plumbing Inspector Signature: *[Signature]* L.P.I. #: *[Signature]*

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: **6/29/95**

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: **7/24/95**

PERMIT INFORMATION

THIS APPLICATION IS FOR:

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

SEASONAL CONVERSION
to be completed by the LPI

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

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED **N/A**

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

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)

INDIVIDUALLY INSTALLED COMPONENTS:

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

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER: _____

SIZE OF PROPERTY: **12+/- ACRES** ZONING: **RESIDENTIAL**

TYPE OF WATER SUPPLY
PROPOSED DRILLED WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: **1000** GALS.

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.)

2 BEDROOM

DESIGN FLOW: 180
(GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3/8	C

DEPTH TO LIMITING FACTOR: **20**

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

- BED **750** Sq. Ft.
- CHAMBER _____ Sq. Ft.
 - REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On **5/5/95** (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: *[Signature]* SE#: **181** Date: **5/5/95**

(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

Street, Road, Subdivision

Owners Name

AUGUSTA

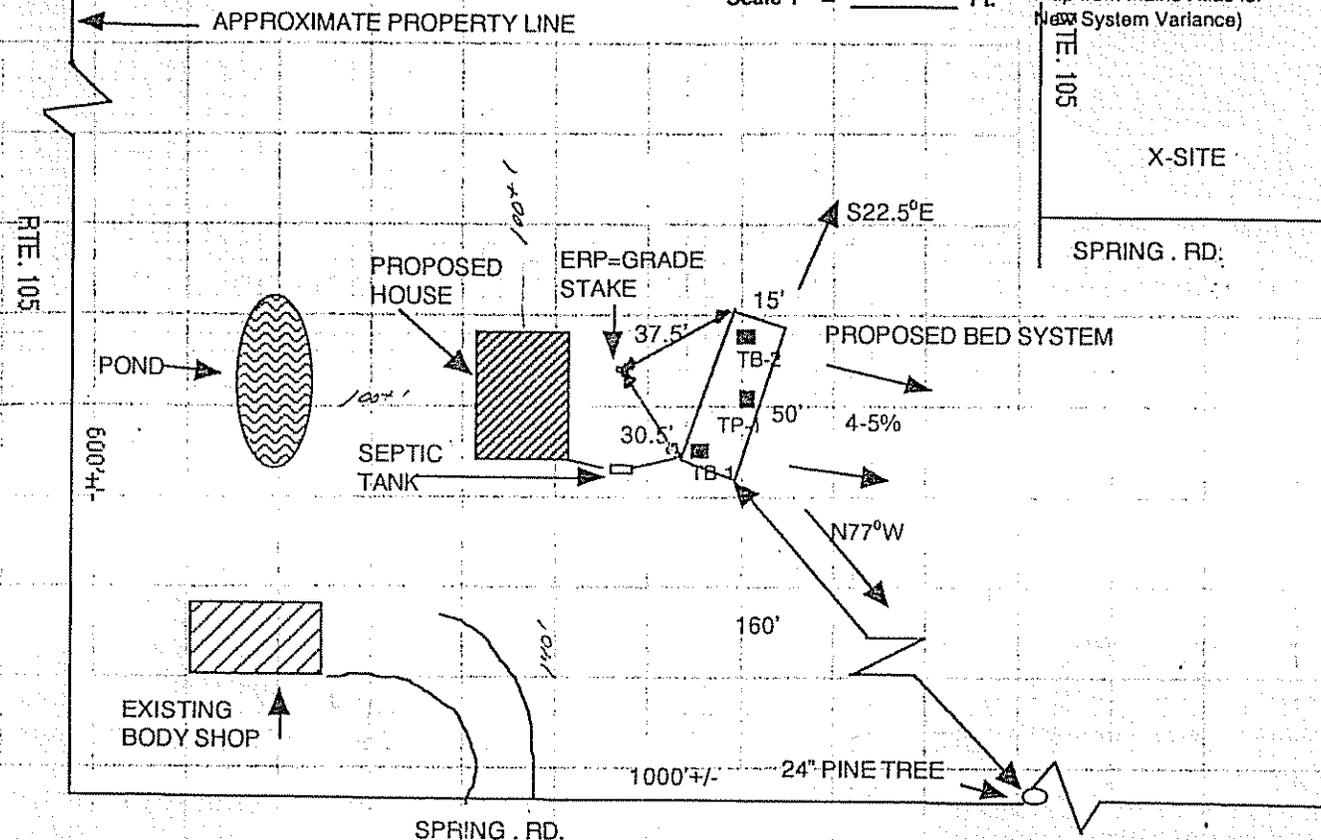
SPRING RD.

ROBERT KILMER

SITE PLAN

Scale 1" = 60 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/TB-1 Test Pit Boring

N/A " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	LOAM	FRIABLE	BROWN	NONE
6				EVIDENT
10			REDDISH	
15	SANDY LOAM		BROWN	
20		FIRM	OLIVE BROWN	FEW TO COMMON
30				DISTINCT
40				
50				

Soil Profile <u>3</u>	Classification <u>C</u> Condition	Slope <u>5</u> %	Limiting Factor <u>20</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Observation Hole TB-2 Test Pit Boring

N/A " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	LOAM	FRIABLE	BROWN	NONE
6				EVIDENT
10			REDDISH	
15	SILT LOAM	FIRM	BROWN	
20	SILTY CLAY LOAM		BRIGHT OLIVE BROWN	FEW FAINT TO COMMON
30				DISTINCT
40				
50				

Soil Profile <u>8</u>	Classification <u>C</u> Condition	Slope <u>4</u> %	Limiting Factor <u>20</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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[Handwritten Signature]
Site Evaluator Signature

181

SE#

5/5/95

Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

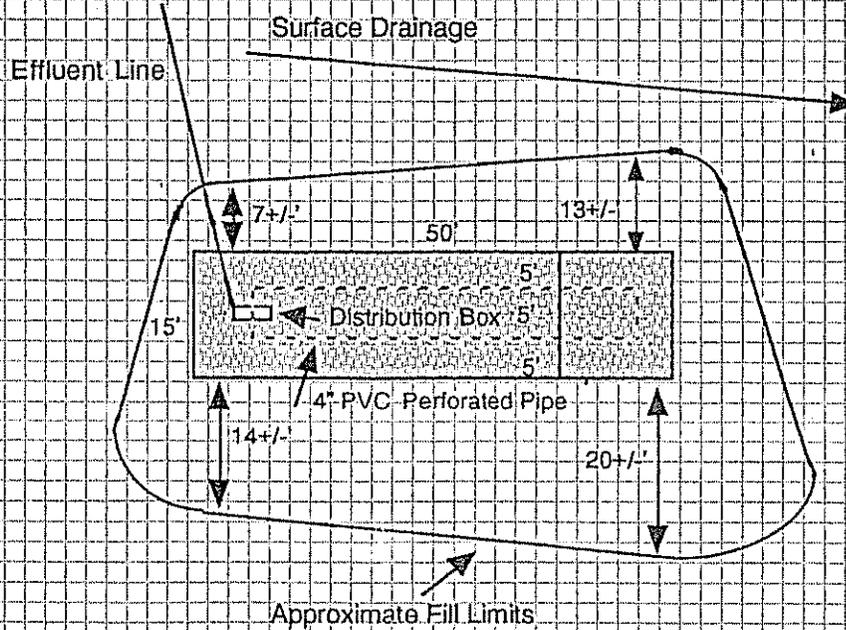
AUGUSTA

Street, Road, Subdivision
SPRING RD.

Owner's Name
ROBERT KILMER

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 16 to 32"
Depth of Fill (Downslope) 25 TO 41"

CONSTRUCTION ELEVATIONS

Reference elevation is 00"
Bottom of Disposal Area -32"
Top of Distribution Lines or Chamber -21"

ELEVATION REFERENCE POINT

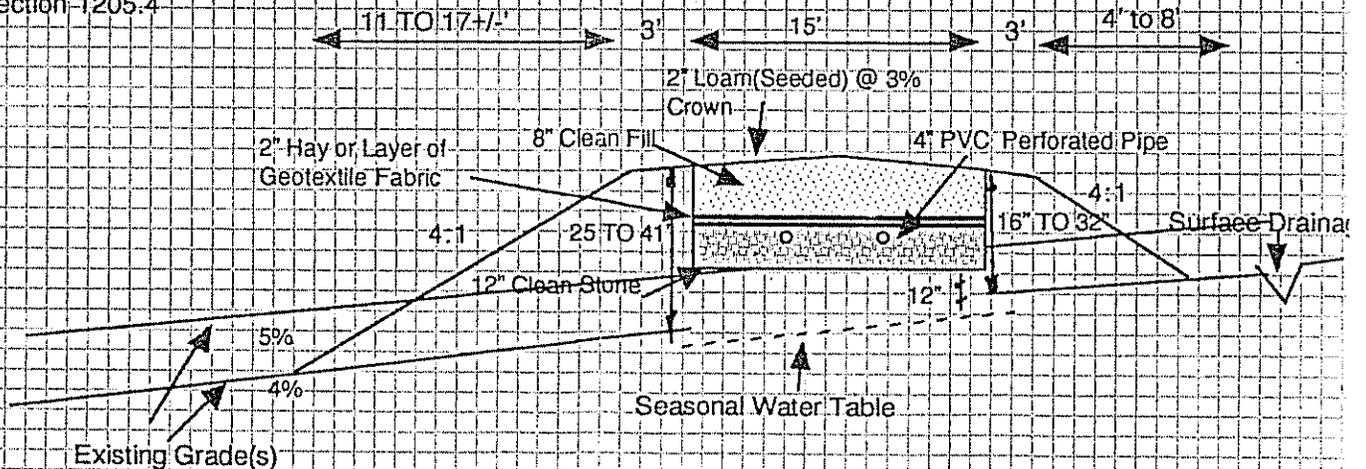
LOCATION & DESCRIPTION
GRADE STAKE MARKED 24"
ABOVE GROUND

DISPOSAL AREA CROSS SECTION

Note: All fill to be coarse, gravelly, sharp, clean, loamy sand. (See section 1205.4 of "Rules")

Scale:

Vertical: 1" = 4 Ft.
Horizontal: 1" = 10 Ft.



Site Evaluator Signature
Site Evaluator Signature

181
SE#

5/5/95
Date

GENERAL NOTES

1. Site evaluations conform to the criteria of the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241 latest revision. Other environmental concerns are not evaluated and may require additional professional opinions. the delineation of wetlands, when required, is to be performed by competent consultants experienced in such practice and may affect the suitability of particular sites.
2. All construction to conform to the specifications in the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.
3. Wells & structures must maintain setbacks from the disposal system as allowed or required in Chapter 4 "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.
4. Property lines as shown are as provided by owner/owner's agent no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
5. A septic tank filter is required when installing a mechanical garbage disposal or solids handling grinder pump.
6. Pump stations, when required, shall be installed watertight to prevent the infiltration of ground or surface water. Pumps shall be sized for actual installed T.D.H.. For uninterrupted service during repair duplex pumps are recommended.
7. Force mains and pressure lines shall be flushed of foreign material and pumps checked for proper on/off cycle before being put in service.
8. Applicability of the design must be reevaluated when the location of structures are substantially different than shown on the site plan, or when other appurtenances (ie: swimming pools) are added.
9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion controls.
10. Provide low profile tanks when determined as needed in the field. All tanks may be field located and meet the setback requirements of Chapt. 4 "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.
11. All components subject to freezing must be adequately insulated.
12. The LPI shall inform the owner and designer of any local ordinances exceeding the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" prior to issuing a permit so that necessary amendments can be made to the design.
13. Systems must be maintained as outlined in "Septic Systems-How They Work & How to Keep Them Working"-MDEP
14. All designs are subject to Local, State, or Federal review. Designers liability shall be limited to required revisions. In no case shall liability exceed designers fee.

The owner/applicants signature on page one acknowledges their understanding of the "General Notes"