

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS	
Town Or Plantation	MARIAVILLE
Street	BEECH HILL ESTATES
Subdivision Lot #	LOT 5
PROPERTY OWNERS NAME	
Last: NAUMOVITZ First: GARY	
Applicant Name:	PAUL MARTIN
Mailing Address of Owner/Applicant (If Different)	P O BOX 44 N. SULLIVAN, ME 04664

MARIAVILLE      PERMIT # 139      STATE COPY

Date Permit Issued: 01/12/92 - \$ 106.00 FEE  If Double Fee Charged

Ronald P. Dwyer L.P.I. # 161

Local Plumbing Inspector 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.*

Paul Martin      m30  
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.*

Ronald Dwyer      02-12-92  
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
- 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 N/A

**THE FAILING SYSTEM IS:**

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

**SIZE OF PROPERTY**      **ZONING**

6.1 ACRES      SHORELAND

**TYPE OF WATER SUPPLY**

EXISTING 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  
(DEPENDS ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

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

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

2 BED ROOM, SINGLE FAMILY DWELLING

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

PROFILE	CONDITION
<u>3</u>	<u>C</u>

DEPTH TO LIMITING FACTOR: 23

**SIZE RATINGS USED FOR DESIGN PURPOSES**

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

**DISPOSAL AREA TYPE/SIZE**

- BED 600 Sq. Ft.
- CHAMBER \_\_\_\_\_ Sq. Ft.  
 REGULAR  H-20
- TRENCH \_\_\_\_\_ Linear Ft.
- OTHER: \_\_\_\_\_

MINIMUM

DESIGN FLOW: 180  
(GALLONS/DAY)

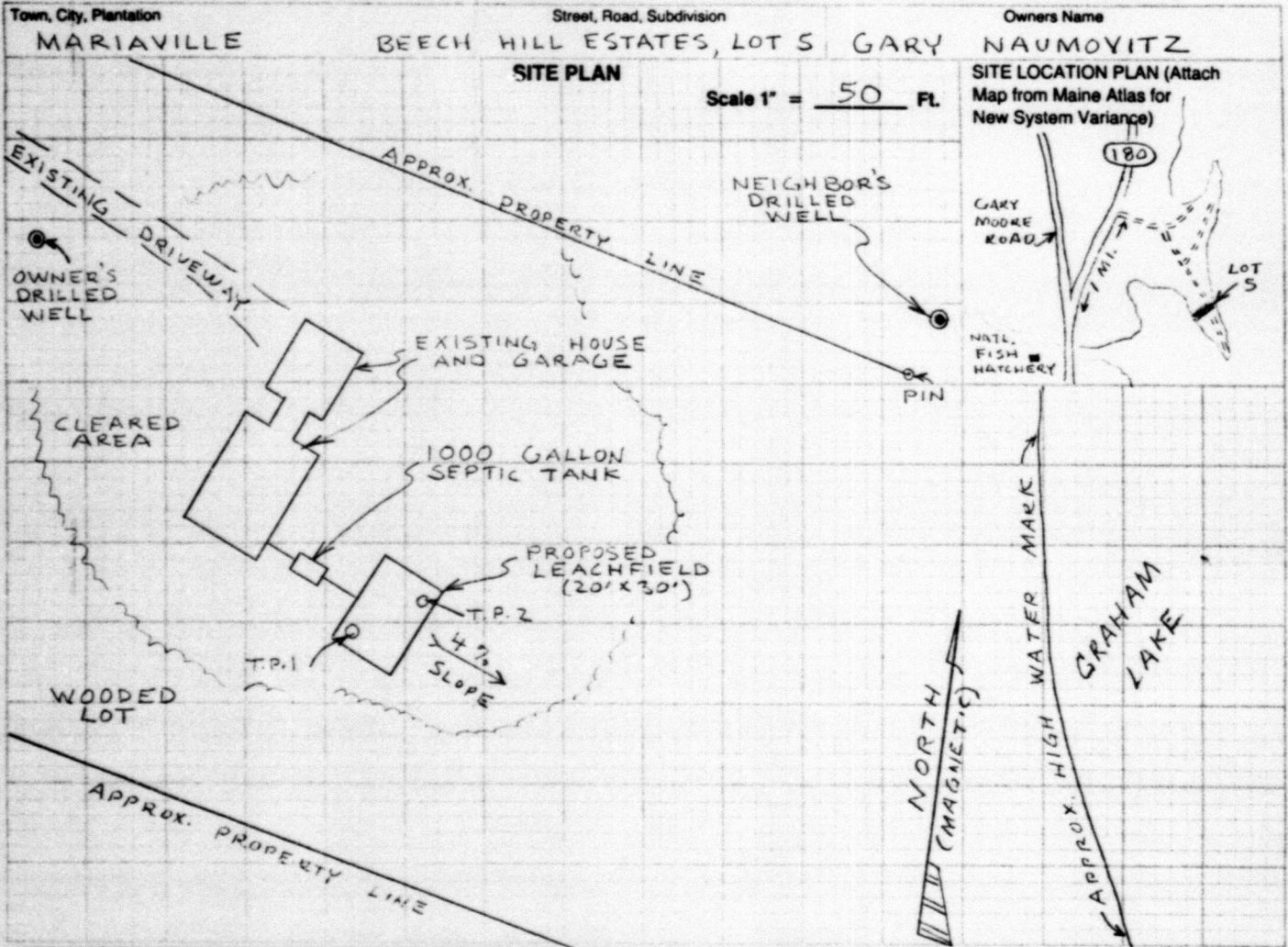
## SITE EVALUATOR STATEMENT

On NOV. 22, 1992 (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.

Jesse L. Davis      203      11/23/1992  
Site Evaluator Signature      SE#      Date

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering



## SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole T.P. 1  Test Pit  Boring  
 1" Depth of Organic Horizon Above Mineral Soil

Depth (Inches)	Texture	Consistency	Color	Mottling
0-5	LOAMY SAND	FRIABLE	BLACK	
5-10			STRONG BROWN	
10-15				
15-20			LIGHT BROWN	
20-30				COMMON MEDIUM FAINT
30-40		FIRM IN PLACE	BROWNISH OLIVE	
40-50				

Soil Profile: <u>3</u>	Classification: <u>C</u>	Slope: <u>4</u> %	Limiting Factor: <u>23</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
------------------------	--------------------------	-------------------	----------------------------	--

Observation Hole T.P. 2  Test Pit  Boring  
 1 1/2" Depth of Organic Horizon Above Mineral Soil

Depth (Inches)	Texture	Consistency	Color	Mottling
0-5	LOAMY SAND	FRIABLE	BLACK	
5-10			REDDISH-BROWN	
10-15			STRONG BROWN	
15-20			YELLOWISH BROWN	
20-30				COMMON MEDIUM FAINT
30-40	LOAMY FINE SAND	FIRM	OLIVE	
40-50				

Soil Profile: <u>3</u>	Classification: <u>C</u>	Slope: <u>4</u> %	Limiting Factor: <u>24</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
------------------------	--------------------------	-------------------	----------------------------	--

*Teresa L. Davis*  
Site Evaluator Signature

203  
SE#

11/23/1992  
Date

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation

Street, Road, Subdivision

Department of Human Services  
Division of Health Engineering

Owners Name

MARIAVILLE

BEECH HILL

GARY NAUMOVITZ

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' FL.



20' WIDE BY 30' LONG LEACHFIELD. FOUR CORNERS ARE STAKED OUT.

INSTALL 3 FT. WIDE BERM AROUND LEACHFIELD, BEFORE STARTING TO DROP OFF FILL EXTENSION AT 4:1 SLOPE.

E.R.P.

EXISTING HOUSE

BUILDING SEWER

1000 GALLON SEPTIC TANK

EFFLUENT LINE

DISTRIBUTION BOX MUST BE SET LEVEL ON A FIRM BASE AND INSULATED FROM FREEZING

4" DIA. PERF. PIPE, PLACED 5' ON CENTER.

BERM AND FILL EXTENSION- SANDY LOAM TO LOAMY SAND.

APPROX EDGE OF FILL EXTENSION

A

### FILL REQUIREMENTS

Depth of Fill (Upslope) 14"  
Depth of Fill (Downslope) 18-24"

### CONSTRUCTION ELEVATIONS

Reference Elevation is 0"  
Bottom of Disposal Area -52"  
Top of Distribution Lines or Chambers -41"

### ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

BOTTOM OF LOWEST LOG, 25" ABOVE GROUND, AT SE CORN OF HOUSE LOCATED 33' AT 309° FROM SCALE: SW CORN OF LEACHFIELD

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

DISPOSAL AREA AND FILL EXTENSION MUST BE SEEDED TO PREVENT EROSION. LOAM AND MULCH ENTIRE AREA.

### DISPOSAL AREA CROSS SECTION (ACROSS A-B ABOVE)

CLEAN, SANDY LOAM TO LOAMY SAND FILL 8-12" THICK OVER HAY OR FILTER FABRIC

DIVERT SURFACE WATER AWAY FROM LEACHFIELD

NO GREATER THAN 25% SLOPE (4:1) ON FILL EXTENSION BEYOND 3' BERM.

CROWN LEACHFIELD AND 3' BERM WITH 3% SLOPE

2" COMPRESSED HAY OR FILTER FABRIC PLACED OVER STONE

4% SLOPE

BERM AND FILL EXTENSION- USE SANDY LOAM TO LOAMY SAND.

4" DIA. PERF. PIPE PLACED 1" BELOW TOP OF STONE

BOTTOM OF LEACHFIELD (4 FT. BELOW E.R.P.) MUST BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.

MINIMUM DEPTH OF 12" OF CLEAN, UNIFORM SIZED STONE 3/4" TO 2 1/2" IN DIA. SHALL BE USED ON THE BOTTOM OF THE LEACHFIELD.

SCARIFY ORIGINAL GROUND SURFACE UNDER LEACHFIELD AND FILL EXTENSION.

(A MINIMUM 23 CUBIC YARDS OF STONE REQUIRED FOR THIS LEACHFIELD.)

*James L. Davis*

Site Evaluator Signature

SE

11/23/1992

Date