

CITY OF PORTLAND, MAINE  
 Application for Permit to Install Wires

Permit No. 59019

Issued 6-20-72

Portland, Maine June 28, 1972

To the City Electrician, Portland, Maine:

The undersigned hereby applies for a permit to install wires for the purpose of conducting electric current, in accordance with the laws of Maine, the Electrical Ordinance of the City of Portland, and the following specifications:

(This form must be completely filled out — Minimum Fee, \$1.00)

Owner's Name and Address Paul S. Johnson 32 Pleasant Ave. Portland  
 Contractor's Name and Address E. E. Johnson 240 Portland  
 Location Littleton Ave. Use of Building Dwelling

Number of Families 1 Apartments Stores Number of Stories 2  
 Description of Wiring: New Work Additions Alterations

Pipe .. Cable Metal Molding BX Cable Plug Molding (No. of feet)  
 No. Light Outlets Plugs Light Circuits Plug Circuits  
 FIXTURES: No. Fluor. or Strip Lighting (No. feet)  
 SERVICE: Pipe Cable Undergound No. of Wires 3 Size 3- No. 2  
 METERS: Relocated Added H. P. Amps Total No. Meters 1  
 MOTORS: Number Phase No. Motors Volts Starter  
 HEATING UNITS: Domestic (Oil) Commercial (Oil) Phase H.P.  
 Electric Heat (No of Rooms) Phase H.P.

APPLIANCES: No. Ranges Watts Brand Feeds (Size and No.)  
 Water Elec. Heaters 1 Watts 4500  
 Miscellaneous Watts

Transformers Air Conditioners (No. Units) Extra Cabinets or Panels  
 Will commence July 15 1972 Ready to cover in Signs (No Units)  
 Amount of Fee \$ 7.50 19 Inspection July 17 1972

Signed Paul S. Johnson

DO NOT WRITE BELOW THIS LINE

SERVICE ..					
VISITS: 1	2	3	4	5	6
...	7	8	9	10	11
REMARKS:	12				

CS 282

INSPECTED BY

(OVER)

## Replacement System Variance Request

### THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an Application for the proposed replacement system which is in noncompliance with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements with LPI approval limitations can be met.

1. The replacement system is correcting a malfunction or an unlicensed wastewater discharge system.
2. A replacement system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system does not conflict with Seasonal Conversion Permit (30 / RSA § 3223) or with Mandatory Shoreland Zoning (12 MRSA § 4811).
6. The replacement system is determined by the Site Evaluator of LPI to be the most practical method to treat and dispose of the wastewater.

#### GENERAL INFORMATION

Town of Portland-Little Diamond Isle

Town Code

Permit No.  E

Date Permit Issued 3/14/88  
month/day/yr.

Property Owner's Name: Little Diamond Island Association Twp. No. \_\_\_\_\_

System's Location: Sandy Beach Road  
Street

Little Diamond Island MAINE Zip \_\_\_\_\_  
Town

Property Owner's Address: 40 Paul Stevens  
(if different from above) 32 Pleasant Street 772-3846  
Street

Portland Maine Zip \_\_\_\_\_  
Town State

#### Specific Instructions to the:

**LPI:** If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, then you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before Issuing a Permit. (See reverse side for Comments Section and your signature)

**Site Evaluator:** If after completing the Application, you find that a variance for the proposed replacement system is needed, then complete the Replacement Variance Request with your signature on reverse side of form.

**Property Owner:** It has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

The Owner shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

Little Diamond Island Association  
Paul Stevens Clerk  
Property Owner's Signature Date 3/19/88



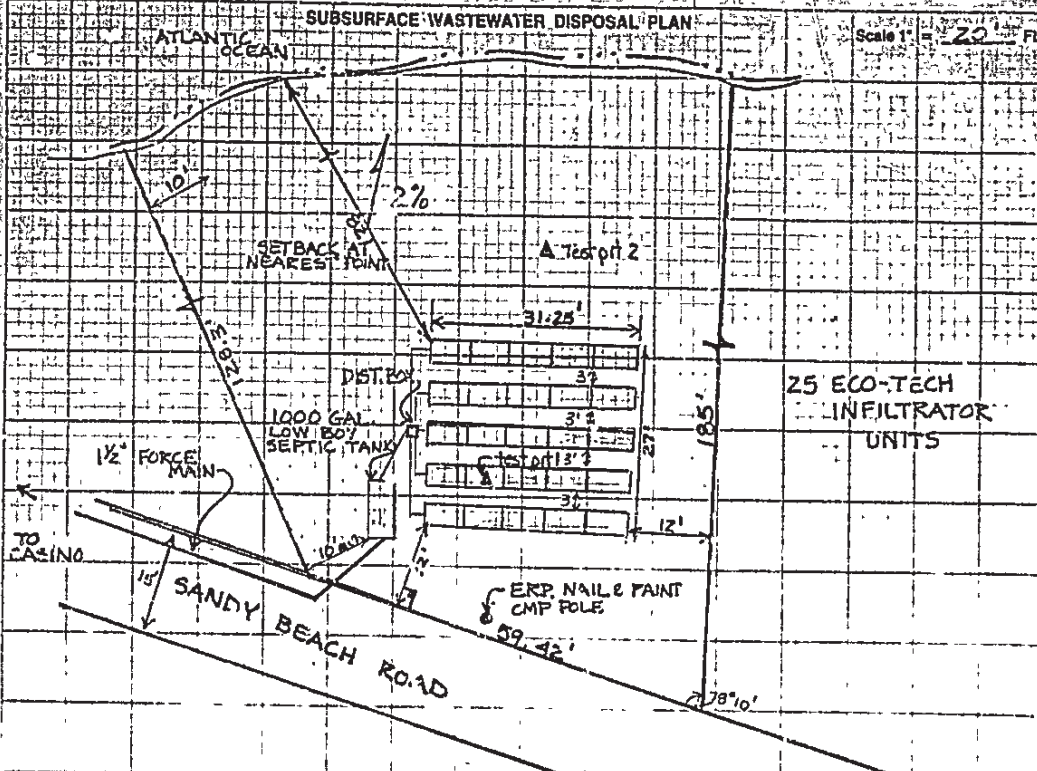
Variance Category	Variance Requested	Limit of LPI's Approval Authority		Variance Requested to:	
Soils Soil Profile Soil Condition from HHE-200	Ground Water Table	to 6"			inches
	Restrictive Layer	to 6"			inches
	Bedrock	to 10"			inches
Setback Distances (in feet)	From	Treatment Tank	Disposal Area	Treatment Tank	Disposal Area
Potable Water Supplies	1. Well > 2000 gal/day	100a	300a		
	2. Well < 2000 gal/day				
	a. Neighbor's	100b	100b		
	b. Property Owner's	50'	60'		
	3. Water Supply Line	See Note 'a'			
Waterbodies	1 Perennial	60'	60'		82'
	2 Intermittent	25'	25'		
	3 Manmade drainage ditch	15'	15'		
Downhill Slope	Greater than 3:1 (33%)	5'	10'		
Buildings	1 With basement	See Note 'a'	15'		
	2 Without basement		10'		
Property Line		5'	5'		
Other Specify: <u>Variance is requested for setback distance for system and treatment tank from perennial high water.</u>					
Footnotes: a. This setback distance cannot be reduced by variance. See Table 6-2 b. A variance to reduce the 100 foot setback distance to a minimum of 80 feet may be granted only with the neighbor's written permission. c. Sufficient distance shall be maintained to assure that the top of the fill does not extend to the 3:1 slope. <u>Dana R. Martell, PE</u> 03-09-88 Site Evaluator's Signature Date					
LPI Statement I, <u>Ed Jorda</u> , LPI for the Town of <u>Polk</u> have conducted an on-site inspection for the proposed replacement system and have determined, to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b): --- a. I <input checked="" type="checkbox"/> approve, <input type="checkbox"/> do not approve) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant. or: --- b. I find that one or more of the requested Variances exceeds my approval authority as LPI. I <input type="checkbox"/> recommend, <input type="checkbox"/> do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended. Comments: _____ <u>Ed Jorda</u> LPI's Signature 5/14/88 Date					
FOR USE BY THE DEPARTMENT ONLY: The Department has reviewed the variance(s) and ( <input type="checkbox"/> does, <input type="checkbox"/> does not ) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter. _____ Signature of the Department Date					



# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

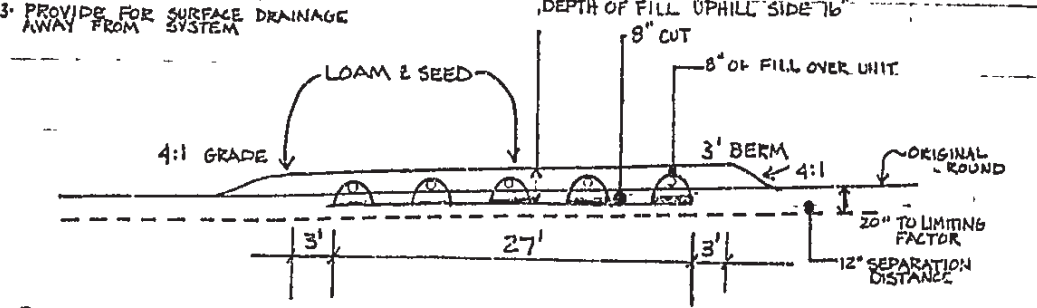
Department of Human Services  
Division of Health Engineering

Town, City, Plantation: **LITTLE DIAMOND ISLAND**  
Street, Road, Subdivision: **SANDY BEACH ROAD**  
Owners Name: **LITTLE DIAMOND ASSOC.**



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION	
Depth of Fill (Upslope)	16"	Reference Elevation is	00 at na!		
Depth of Fill (Downslope)	17"	Bottom of Disposal Area	-4.0'	PK NAIL AND FLAG ON	
		Top of Distributor Lines or Chambers	-2.9'	CMP POLE AT R.O.W.	

\* NOTES  
1- REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS  
2- INFIL. BOTTOM MAX GRADE 1/100'  
3- PROVIDE FOR SURFACE DRAINAGE AWAY FROM SYSTEM

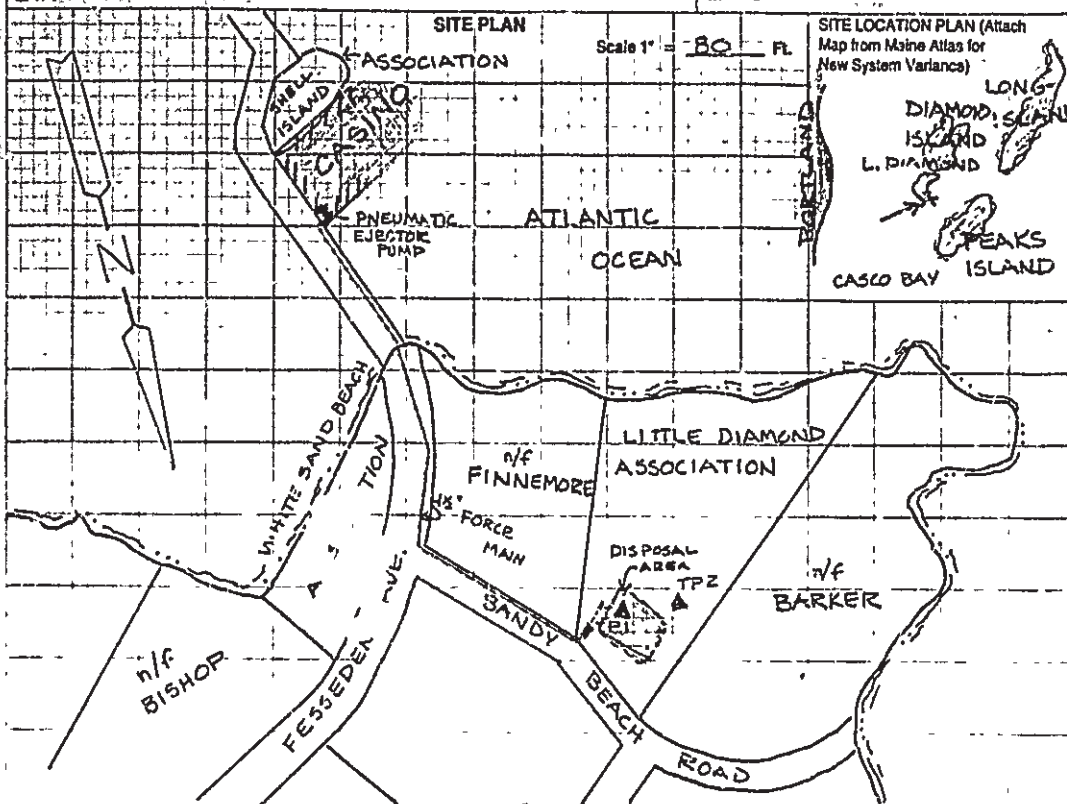


*Dana R. Norton, PE*  
Site Evaluator Signature  
148 SE#  
03.09.88 Date  
Page 3 of 3  
HHE 200 Rev 1 84

**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**

Department of Human Services  
Division of Health Engineering

Town, City, Plantation: **LITTLE DIAMOND ISLAND** Street, Road, Subdivision: \_\_\_\_\_ Owner Name: **LITTLE DIAMOND ISLE. ASSOC.**



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

Observation Hole TP 1  Test Pit  Boring

Depth of Organic Horizon Above Mineral Soil \_\_\_\_\_

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	FR	BROWN	
6	SANDY LOAM	FR	BROWN	
10	LOAMY SAND	FR	YEL. BROWN	
15	HEAVY SAND	FR	BROWN	
20	SANDY	FR	BEIGE	COMMON
30		FIRM		
40				
50				

Soil Profile: 4 Classification: 2 Slope: 2% Limiting Factor: 32

Ground Water  Restrictive Layer  Bedrock

Observation Hole TP 2  Test Pit  Boring

Depth of Organic Horizon Above Mineral Soil \_\_\_\_\_

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	FR	BROWN	
6	LOAM	FR	BROWN	
10	SANDY	FR	YELLOW	
15	SANDY	FR	BROWN	
20	SANDY	FR	BROWN	
30		FIRM	BEIGE	COMMON
40				
50				

Soil Profile: 4 Classification: 2 Slope: 2% Limiting Factor: 20

Ground Water  Restrictive Layer  Bedrock

*Dana R. Morton, PE*  
Site Evaluator Signature

143  
SE#

10-6-87  
Date



**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**

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

**PROPERTY/ADDRESS**

Town or Plantation: LITTLE DIAMOND ISLE

Street Subdivision Lot #: SANDY BEACH ROAD

**PROPERTY OWNERS NAME(S)**

LITTLE DIAMOND ISLAND ASSOC.

Applicant Name: % Paul Stevens, clerk

Mailing Address of Owner/Applicant (if different): 32 Pleasant Street  
Portland, Maine 04101

PORTLAND PERMIT # 2,792 TOWN COPY

DATE 03.15.1988 FEE 40

Signature: [Signature] L.P.I. # 123

**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 \_\_\_\_\_ Date \_\_\_\_\_

**Caution: Inspection Required**

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Signature: [Signature] L.P.I. # 123 Date Approved: MAR 29 1988

**PERMIT INFORMATION**

**THIS APPLICATION IS FOR:**

1.  NEW SYSTEM

2.  REPLACEMENT SYSTEM

3.  EXPANDED SYSTEM

4.  SEASONAL CONVERSION

5.  EXPERIMENTAL SYSTEM

**THIS APPLICATION REQUIRES:**

1.  NO RULE VARIANCE REQUIRED

2.  NEW SYSTEM VARIANCE  
Attach New System Variance Form

3.  REPLACEMENT SYSTEM VARIANCE  
Attach Replacement System Variance Form

4.  Requires State and Local Plumbing Inspector Approval

**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

6.  ALTERNATIVE TOILET (ONLY)

7.  NON-ENGINEERED DISPOSAL AREA (ONLY)

8.  ENGINEERED DISPOSAL AREA (ONLY)

9.  SEPARATED LAUNDRY SYSTEM

**IF REPLACEMENT SYSTEM:**

YEAR FAILING SYSTEM INSTALLED \_\_\_\_\_

**THE FAILING SYSTEM IS:**

1.  BED 3.  TRENCH

2.  CHAMBER 4.  OTHER overboard discharge

**DISPOSAL SYSTEM TO SERVE:**

1.  SINGLE FAMILY DWELLING

2.  MODULAR OR MOBILE HOME

3.  MULTIPLE FAMILY DWELLING

4.  OTHER PUBLIC BUILDING  
SPECIFY \_\_\_\_\_

**SIZE OF PROPERTY** 362 ac

**ZONING** LOCAL

**TYPE OF WATER SUPPLY**

CITY OF PORTLAND

**DESIGN DETAIL'S (SYSTEM LAYOUT SHOWN ON PAGE 2)**

**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  
(DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)

3.  REQUIRED

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

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

• 80 people 5 gals/day  
400 GPD

• Kitchen Sink  
50 GPD

• Bathroom Sink  
25 GPD

**DESIGN FLOW: 475 GPD**  
(GALLONS/DAY)

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

PROFILE A | CONDITION C

DEPTH TO LIFTING FACTOR: 20

**SIZE RATINGS USED FOR DESIGN PURPOSES**

1.  SMALL

2.  MEDIUM

3.  MEDIUM-LARGE

4.  LARGE

5.  EXTRALARGE

**DISPOSAL AREA TYPE/SIZE**

1.  BED \_\_\_\_\_ Sq. Ft.

2.  CHAMBER \_\_\_\_\_ Sq. Ft.

RECT. R  H 20

3.  TRENCH \_\_\_\_\_ Linear Ft.

4.  OTHER: infiltrators

**SITE EVALUATOR STATEMENT**

SITE EVALUATION WAIVED BY LOCAL OPTION

on August 14, 1987 (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: [Signature] SE# 143 Date: 03/09/88