

96475

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering  
(207) 287-6672 FAX (207) 287-4173

**PROPERTY LOCATION**

Town or Plantation: Portland

Street: Riverside St. & Wenden Ave

Subdivision Lot #: 270 Riverside St

**PROPERTY OWNERS NAME**

PORTLAND 5945 TOWN COPY

Date Permit Issued: 10/26/96

\$ 45 FEE  If Double Fee Charged

L.P.I. # 0134

Local Plumbing Inspector Signature

Last Tidy-up (or Wash) First:

Mailing Address of Owner: P.O. Box 15399

Portland ME 04112-5399

Daytime Tel. #

Municipal Tax Map # \_\_\_\_\_ Page # \_\_\_\_\_

**Owner Statement**

I state that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or 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 Application.

Local Plumbing Inspector Signature \_\_\_\_\_ Date Approved \_\_\_\_\_

**PERMIT INFORMATION**

**THIS APPLICATION IS FOR:**

- First Time System
- Multi-User System
- Replacement System
- Expanded System
  - One-time exempted
  - Non-exempted
- Experimental System
- Seasonal Conversion

**THIS APPLICATION REQUIRES:**

- No Rule Variance
- First Time System Variance (Municipal)
- First Time System Variance (State)
- Replacement System Variance
  - Local Plumbing Inspector approval
  - State & Local Plumbing Inspector approval
- Minimum Lot Size Variance
- Seasonal Conversion Variance

**DISPOSAL SYSTEM COMPONENT(S)**

- Non-Engineered System
- Primitive System
- Alternative Toilet  
Specify \_\_\_\_\_
- Non-Engineered Treatment Tank
- Holding Tank \_\_\_\_\_ Gallons
- Non-Engineered Disposal Area (only)
- Separated Laundry System
- Engineered System (+2000 gpd)
- Engineered Treatment Tank (only)
- Engineered Disposal Area (only)

**SIZE OF PROPERTY**

1.02 AC

**DISPOSAL SYSTEM TO SERVE:**

- Single Family Dwelling Unit
- Multiple Family Dwelling Unit  
Number of Units \_\_\_\_\_
- Other Commercial  
SPECIFY \_\_\_\_\_

**TYPE OF WATER SUPPLY**

**SHORELAND ZONING**

Yes  No

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

**TREATMENT TANK**

- Concrete EXISTING
  - Regular
  - Low Profile
- Plastic

SIZE 1000 Gallons

**DISPOSAL AREA TYPE/SIZE**

- Stone Bed 400 Sq. Ft.
- Proprietary Device \_\_\_\_\_ Sq. Ft.
  - Clustered  Linear
  - Regular  H-20
- Trench \_\_\_\_\_ Lin. Ft.
- Other \_\_\_\_\_

**GARBAGE DISPOSAL UNIT**

- No
- Yes
  - Multi-compartment tank
  - Tank in series
  - Increase in tank capacity
  - Filter on tank outlet

**CRITERIA USED FOR DESIGN FLOW**  
(Show Calculations)

10 employees

10 x 15 gpd/employee

DESIGN FLOW: 150  
(Gallons/Day)

**PROFILE & DESIGN CLASS**

PROFILE B DESIGN C

DEPTH TO MOST LIMITING FACTOR >18

**DISPOSAL AREA SIZING**

- Small 2.0
- Medium 2.60
- Medium-Large 3.30
- Large 4.10
- Extra-Large 5.00

**PUMPING**

- Not required
- May be required
- Required

DOSE \_\_\_\_\_ Gallons

**SITE EVALUATOR'S STATEMENT**

On 10/15/96 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules.

Site Evaluator Signature: [Signature] SE # 203 Date: 10/15/96 Page 1 of 2

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION.

Town, City or Plantation

Street, Road or Subdivision

Name of Owner

96475

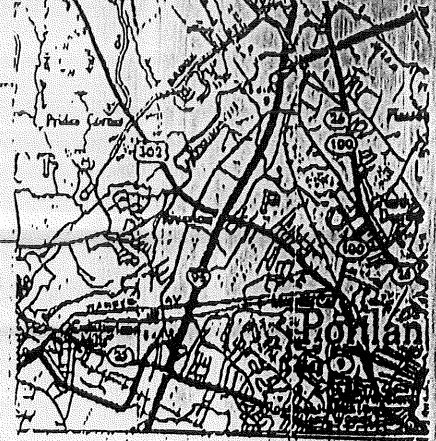
Portland

Riverside ST. Warren Ave

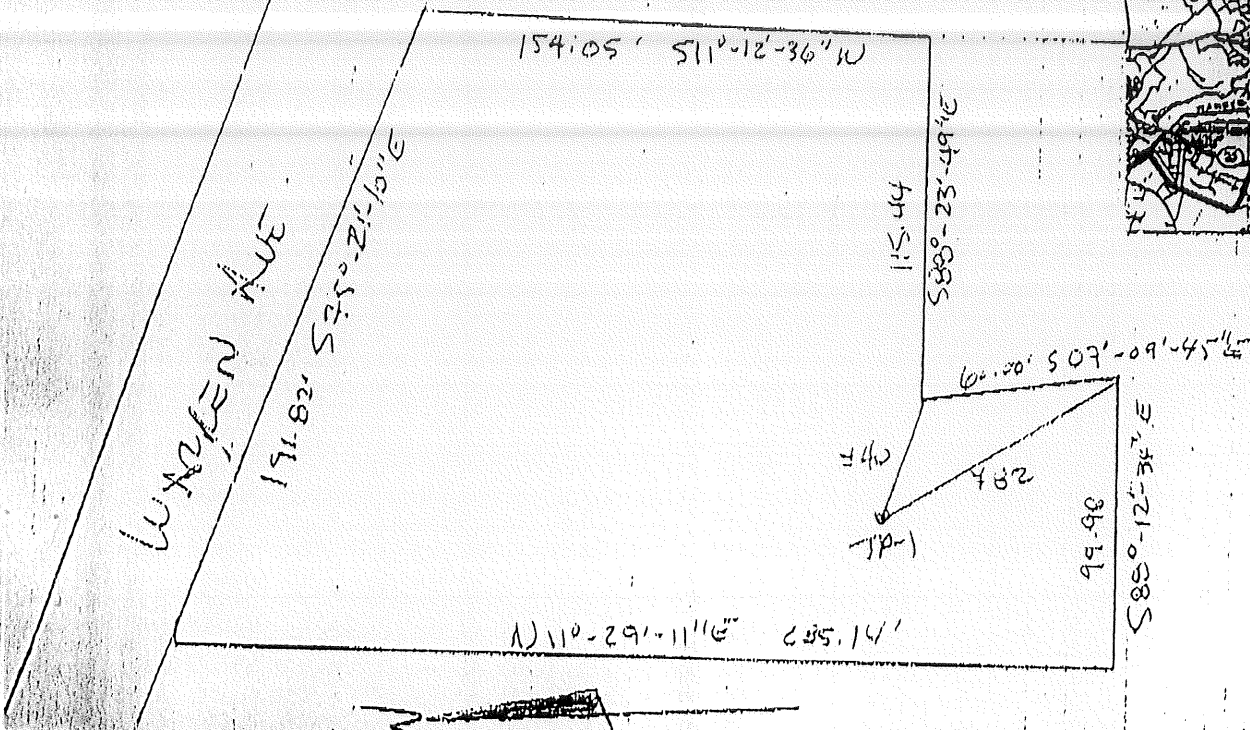
Tidy-Up Care Wash

SITE PLAN

Scale: 1" = 60 Ft. or as shown



Riverside ST



## SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP-1  Test Pit  Boring

Observation Hole \_\_\_\_\_  Test Pit  Boring

Depth of Organic Horizon Above Mineral Soil

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

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	Sandy loam	fr. soft	7.5YR 5/6	
5	Sandy loam	fr. soft	7.5YR 5/6	
10	Sandy loam	fr. soft	7.5YR 5/6	
15	Sandy loam	fr. soft	7.5YR 5/6	
20	Limit of Excavation			
30				
40				
50				

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
5				
10				
15				
20				
30				
40				
50				

Soil Profile C Class C Slope 0 % Limiting Factor >18  
 Ground Water  
 Restrictive Layer  
 Bedrock

Soil Profile \_\_\_\_\_ Class \_\_\_\_\_ Slope \_\_\_\_\_ % Limiting Factor \_\_\_\_\_  
 Ground Water  
 Restrictive Layer  
 Bedrock

## General Notes

(attachment to form HHE-200)

1. The nature of the site evaluation profession is one of interpretation of soil and site conditions. We, in the field, attempt to both provide a satisfactory service to the client, and comply by the rules by which we are bound - The Maine State Plumbing Code. If at any time you, the client, are not satisfied with the service provided or the results found, it is your right to hire another site evaluator for a second opinion.
  2. Property information is supplied by the owner, applicant or representative. Such information presented herein shall be verified as correct by the owner or applicant prior to signing this application.
  3. All work shall be in accordance with the Maine Subsurface Wastewater Disposal Rules dated 7/95, as amended.
  4. All work should be performed under dry conditions only (for disposal area).
  5. No vehicular or equipment traffic to be allowed on disposal area. Disposal field shall be constructed from outside the corner stakes located in the field. The downslope area is also to be protected in the same manner.
  6. Backfill, if required, is to be gravelly coarse sand to coarse sand texture and to be free of foreign debris. If backfill is coarser than original soil, then mix top 4" of backfill and original soil with rototiller.
  7. No neighboring wells are apparent (unless so indicated) within 100' of disposal area. Owner or applicant shall verify this prior to signing the application.
  8. Minimum separation distances required (unless reduced by variance or special circumstance).
 

a) any well to disposal area:	100'
b) any well to septic tank:	100'
c) septic tank or disposal area to lake, river, stream or brook:	100' for major watercourse, 50' for minor water course
d) house to treatment tank:	8'
e) house to disposal area:	20'
- Other separation distances per Plumbing Code.
9. Location of septic system near a wetland may require a separate permit. As such, the owner, prior to construction of the septic system, shall hire a professional to evaluate proximity of adjacent wetlands and prepare necessary permit applications.
  10. Garbage disposals are not recommended and, if installed, are done so at the owner's risk. The additional waste load requires increased maintenance frequency, higher potential for failure, and larger septic tanks.
  1. Pump stations, when required, shall be installed watertight to prevent infiltration of ground and/or surface water.
  2. Force mains and pressure lines shall be flushed of any foreign material and pumps shall be check for proper on/off cycle before being put into service.
  3. Force mains, pump stations, and/or gravity piping subject to freezing shall be installed below frost line or adequately insulated.