

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services  
Division of Health Engineering, Section 10 SHS  
(207) 207 5672 FAX (207) 287 4172

## PROPERTY LOCATION

>> Caution Permit Required - Attach In Space Below <<

Street or Road: **125 HOBART STREET**

Subdivision, Lot #:

PORTLAND  
Date Permit Issued: **5 12 04**

8915

TOWN COPY

\$ **1101010101**

# Double Fee Charged

*Christie Wisley*  
Local Plumbing Inspector Signature

L.P.I. # **061410**

## OWNER/APPLICANT INFORMATION

Name (last, first, MI): **WISSLEY ANN** Owner Applicant

Mailing Address of: **125 HOBART ST PORTLAND, ME 04102**

Daytime Tel. #: **772-2613**

Municipal Tax Map # **197** Lot # **H009**

## Owner or Applicant Statement

I state and acknowledge 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.

## Caution: Inspections Required

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

*Christie Wisley* 5/10/04  
Signature of Owner/Applicant Date

(1st) Date Approved

Local Plumbing Inspector Signature

(2nd) Date Approved

## PERMIT INFORMATION

### TYPE OF APPLICATION

- First Time System
- Replacement System  
Type Replaced: \_\_\_\_\_  
Year Installed: \_\_\_\_\_
- Expanded System
  - Minor Expansion
  - Major Expansion
- Experimental System
- Seasonal Conversion

### THIS APPLICATION REQUIRES

- No Rule Variance
- First Time System Variance
  - Local Plumbing Inspector Approval
  - State & Local Plumbing Inspector Approval
- Replacement System Variance
  - Local Plumbing Inspector Approval
  - State & Local Plumbing Inspector Approval
- Minimum Lot Size Variance
- Seasonal Conversion Approval

### SIZE OF PROPERTY

**14,000 SQ. FT.**  sq. ft.  acres

### DISPOSAL SYSTEM TO SERVE

- Single Family Dwelling Unit, No. of Bedrooms: **2**
- Multiple Family Dwelling, No of Units: \_\_\_\_\_
- Other: \_\_\_\_\_

### SHORELAND ZONING

Yes  No

### SPECIFY

Current Use  Seasonal  Year Round  Undeveloped

### TYPE OF WATER SUPPLY

- Drilled Well
- Dug Well
- Private
- Public
- Other:

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

### TREATMENT TANK

- Concrete
    - Regular
    - Low Profile
  - Plastic
  - Other: \_\_\_\_\_
- CAPACITY **1000** gallons

### DISPOSAL FIELD TYPE & SIZE

- Stone Bed
  - Stone Trench
  - Proprietary Device
    - Cluster orroy
    - Linear
    - Regular
    - H-20 loaded
  - Other: \_\_\_\_\_
- SIZE **750** sq. ft.  lin. ft.  
**15 PLASTIC CHAMBERS**

### GARBAGE DISPOSAL UNIT

- No
- Yes >> Specify one below:
  - Multi-compartment tank
  - \_\_\_\_\_ tanks in series
  - Increase in tank capacity
  - Filter on tank outlet

### DESIGN FLOW

- 180** gallons per day  
BASED ON:
- Table 501.1 (dwelling unit(s))
  - Table 501.2 (other facilities)
- SHOW CALCULATIONS  
- for other facilities -

### SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN  
**B / D / 3**

AT Observation Hole • **TP 1**  
Depth **13** "  
OF MOST LIMITING SOIL FACTOR

### DISPOSAL FIELD SIZING

- Small - 2.0 sq.ft./gpd
- Medium - 2.6 sq.ft./gpd
- Medium-Large - 3.3 sq.ft./gpd
- Large - 4.1 sq.ft./gpd
- Extra-Large - 5.0 sq.ft./gpd

### PUMPING

- Not required
- May be required
- Required >> Specify only fo engineered or experimental systems

**2 BEDROOMS AT 90 GALLONS PER DAY EACH**

3.0 Section 503.0 (meter readings  
ATTACH WATER-METER DATA

## SITE EVALUATOR STATEMENT

I certify that on **11/15/03** (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 (10-144A CMR 241).

*Albert Frick*  
Site Evaluator Signature

**63**  
SE #

**11/10/2003**  
Date

**ALBERT FRICK**

**(207) 839-5563**

**ALBERTFRICK@WORLDNET.ATT.NET**

Site Evaluator Name Printed

Telephone Number

E-mail Address

ALBERT FRICK ASSOCIATES - 95A COUNTY ROAD ROAD GORHAM, MAINE 04038 - (207) 839-5563

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator

HHE-200 Rev. 8/01

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services  
 Division of Health Engineering, Station 10 SHS  
 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation <b>PORTLAND</b>	Street, Road Subdivision <b>125 HOBART STREET</b>	Owner's Name <b>ANN WISSLEY</b>
<div style="display: flex; justify-content: space-between;"> <span>SITE PLAN</span> <span>Scale 1" = <u>50</u> Ft. or as shown</span> </div>		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  Test Pit  Boring  
 " Depth of Organic Horizon Above Mineral Soil

Observation Hole \_\_\_\_\_  Test Pit  Boring  
 " Depth of Organic Horizon Above Mineral Soil

Depth (inches)	Texture	Consistency	Color	Mottling
0			DARK	
10	VERY FINE SANDY LOAM	FRIABLE	BROWN	
15			PALE YELLOW BROWN	FEW, FAINT
20	VERY FINE SANDY LOAM & SILTS	FIRM	OLIVE BROWN	COMMON, DISTINCT
30				
40				
50				

Depth (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification <b>8 D</b>	Slope ____ %	Limiting Factor <b>13</b>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile	Condition		

Soil Classification	Slope ____ %	Limiting Factor	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile	Condition		

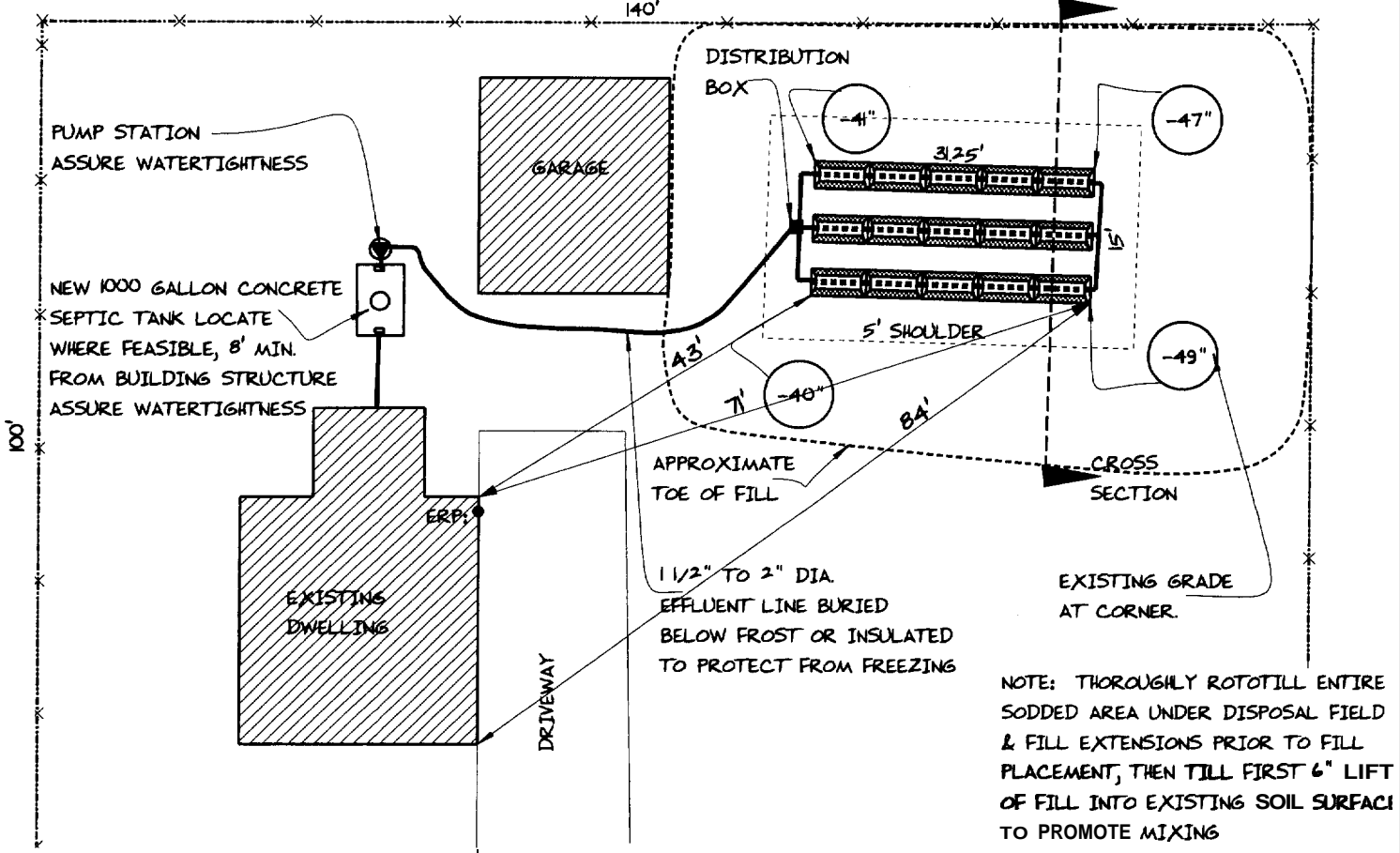
*Albert Frick*  
 Site Evaluator Signature

163  
 SE •

*11/10/2003*  
 Date

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



FILL REQUIREMENTS

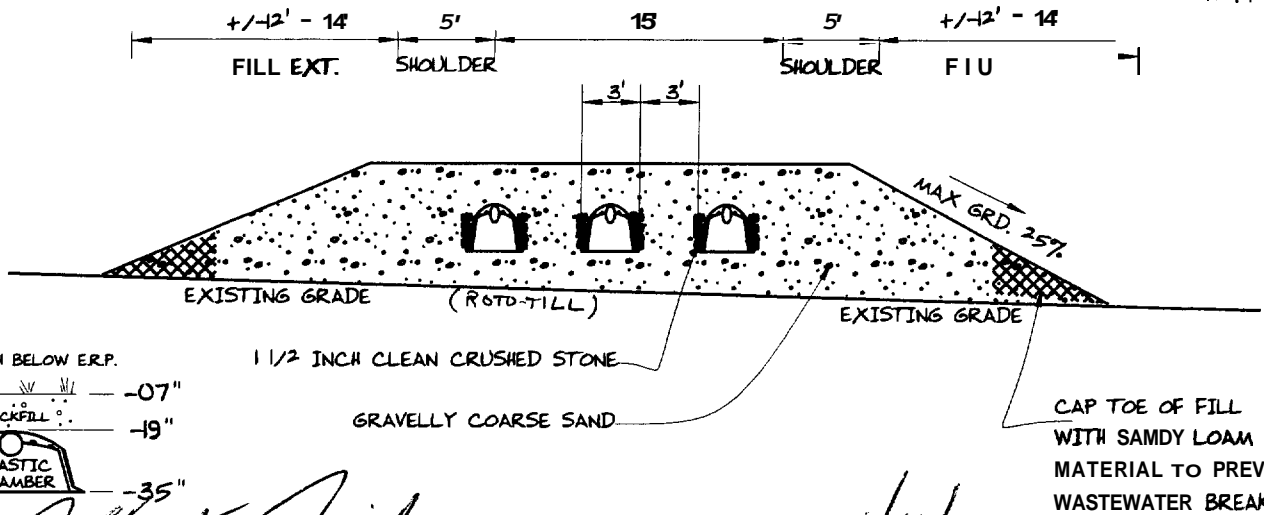
CONSTRUCTION ELEVATIONS

ELEVATION REFERENCE POINT

Depth of Fill (Upslope)	= 34" - 40"	Finished Grade Elevation	SEE DETAIL	Location & Description	BOTTOM OF SIDING 33" ABOVE GRADE
Depth of Fill (Downslope)	= 33" - 42"	Top of Distribution Pipe or Proprietary Device		Reference Elevation is:	0.0" or -----
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Area		SCALE:	

DISPOSAL AREA CROSS SECTION

SCALE:  
 VERTICAL: 1" = 5 FT  
 HORIZONTAL: 1" = 10 FT



Site Evaluator Signature

163 SE \*

Date

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**Albert Frick Associates, Inc.**  
**Soil Scientists & Site Evaluators**

95A County Road Gorham, Maine 04038  
 (207) 839-5563

PORTLAND TOWN	125 HOBART STREET LOCATION	ANN WISSLEY APPLICANT'S NAME
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1) **The** Plumbing and Subsurface Wastewater Disposal Rules adopted by the State of Maine, Department of Human Services pursuant to **22 M.R.S.A. § 42** (the "Rules") are incorporated herein by reference and made a part of this application and shall be consulted by the owner/applicant, the system ~~installer~~ and/or building contractor for ~~further construction~~ details and material specifications. The system Installer should contact Albert Frick Associates, Inc. 839-5563, if there **are** any questions **concerning** materials, procedures or designs. The system ~~installer~~ and/or building contractor installing the system shall be solely responsible for compliance with the Rules and with all state and municipal laws and ordinances **pertaining** to the permitting, inspection and construction of **subsurface** wastewater disposal systems.

2) This application is intended to represent facts pertinent to the Rules only. It shall be the responsibility of the owner/applicant, system Installer and/or building contractor to determine compliance with and to obtain permits under all applicable local, state and/or federal laws and regulations (including, without limitation, Natural Resources Protection Act, wetland regulations, zoning ordinances, subdivision regulations, Site Location of Development Act and minimum lot **size** laws) before installing this system or considering the property on which the system is to be installed a "buildable" lot. It is **recommended** that a wetland scientist be consulted regarding wetland regulations.

Prior to the commencement of construction/installation, the local plumbing inspector shall inform the owner/applicant and ~~Albert~~ Frick **Associates, Inc** of any local ordinances which are more restrictive ~~than~~ the Rules in order that the design may be amended. All designs are subject to review by local, state and/or federal authorities. ~~Albert~~ Frick Associates, Inc.'s liability shall be limited to revisions required by regulatory agencies pursuant to laws or regulations in effect at ~~the time~~ of preparation of this application.

3) **All** information shown on this application relating to property lines, well locations, subsurface **structures** and underground facilities (such as utility lines, **drains**, **septic** systems, **water** lines, etc.) **are** based solely upon information provided by the owner/applicant and **has been** relied upon by Albert Frick Associates, Inc. in preparing this application. The owner/applicant shall review **this** application prior to ~~the~~ start of **construction** and confirm this information.

4) Installation of a garbage (~~grinder~~) disposal is not recommended. If one is installed, an additional 1000 gallon septic tank or a septic tank filter should be connected in series to the proposed septic tank.

5) ~~The system user shall avoid introducing kitchen grease or fats into this system.~~ **Chemicals** such as septic tank **cleaners** **and** or **chlorine** (such as from water treatment) and controlled or hazardous substances shall not be disposed of in ~~this system~~.

TOWN	LOCATION	APPLICANT'S NAME
PORTLAND	125 HOBART STREET	ANN WISSLEY

6) The septic tank should be pumped within two years of installation and subsequently as recommended by the pump service, but in no event should the septic tank be pumped less often than every three years.

7) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on this application without a re-evaluation of the system as proposed. If the system is supplied by public water or a private service with a water meter, the water consumption per period should be divided by the number of days to calculate the average daily water consumption (water usage (cu. ft.) x 7.48 cu. ft. (gallons per cu. ft.) divided by the # of days in period).

8) The general minimum setbacks between a well and septic system serving a single family residence is 100-300 feet, unless the local municipality has a more stringent requirement. A well installed by an abutter within the minimum setback distances prior to the issuance of a permit for the proposed disposal system may void this design.

9) When a gravity system is proposed: BEFORE CONSTRUCTION/INSTALLATION BEGINS, the system installer or building contractor shall review the elevations of all points given in this application and the elevation of the existing and/or proposed building drain and septic tank inverts for compatibility to minimum slope requirement. In gravity systems, the invert of the septic tank(s) outlet(s) shall be at least 4 inches above the invert of the distribution box outlet at the disposal area. When an effluent pump is required, provisions shall be made to make certain that surface ground water does not enter the septic tank or pump station. An alarm device warning of a pump failure shall be installed. Also, when pumping is required of a chamber system, install a "T" connection in the distribution box and place 3 inches of stone or a splash plate in the first chamber. Insulate gravity pipes, pump lines and the distribution box as necessary to prevent freezing.

10) On all systems, remove the vegetation, organic duff and old fill material from under the disposal area and any fill extension. On sites where the proposed system is to be installed in natural soil, scarify the bottom and sides of the excavated disposal area with a rake. Do not use wheeled equipment on the scarified soil surface. For systems installed in fill, scarify the native soil by roto-tilling to a depth of at least 8 inches over the entire disposal and fill extension area to prevent glazing and to promote fill bonding. Place fill in loose layers no deeper than 8 inches and compact thoroughly before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage). Do not use wheeled equipment on the scarified soil area until after 12 inches of fill is in place. Keep equipment off the chambers. Divert the surface water away from the disposal area by ditching or shallow swales.

11) Unless noted otherwise, fill shall be gravelly coarse sand which contains no more than 5% fines (silt and clay).

12) Do not install systems on loamy, silty, or clayey soils during wet periods since soil smearing/glazing may seal off the soil interface.

13) Seed all filled and disturbed surfaces with perennial grass seed, then mulch with hay or equivalent



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