

Application ID Number: 2004-6011

Delete

Save

C

Department: Building

Status: Approved with Conditions

Reviewer: Jeanine Bourke

Comments:

[Empty text box for comments]

Approval Date: 06/28/2004

Given On Date: [Empty text box]

OK to Issue Permit

Name: Jeanine Bourke

Date: 06/28/2004

Date 2: [Empty text box]

Conditions Section:

Add New Condition From

Add New Condition

Delete Condition

Prior to the drilling of the well, this office must be notified of the exact location due to the potential setback reduction to the disposal field.

[Large empty text box for additional conditions]

Create Date: 06/28/2004 By: jmb

Update Date: 06/28/2004 By: jmb

Give copy to Applicant
Copy one for file

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health, Engineering, Skilled Care & SHS
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION		>> Caution: Permit Required - Attach In Space Below <<	
City, Town, or Plantation	PEAKS ISLAND	PORTLAND Date Permit Issued: <u>6/25/04</u> <i>Jennie Burke</i> Local Plumbing Inspector Signature	8971 TOWN COPY
Street or Road	110 LEDGEWOOD ROAD		\$ <u>1110.00</u> FEE <input type="checkbox"/> If Double Fee Charged
Subdivision, Lot *			L.P.I. # <u>0.7.3.2</u>
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	SOMERS FRED	Owner	Applicant
Mailing Address of	13904 WAVERLY CREEK COURT		
<input type="checkbox"/> Owner <input type="checkbox"/> Applicant	CHANTILLY, VA 20151		
Daytime Tel. *	301-602-4053	Municipal Tax Map *	087 Lot * E 002
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.	
Signature of Owner/Applicant		Local Plumbing Inspector Signature	
Date		(1st) Date Approved	
		(2nd) Date Approved	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENTS
1. <input checked="" type="checkbox"/> First Time System 2. <input type="checkbox"/> Replacement System Type Replaced: _____ Year Installed: _____ 3. <input type="checkbox"/> Expanded System a. <input type="checkbox"/> Minor Expansion b. <input type="checkbox"/> Major Expansion 4. <input type="checkbox"/> Experimental System 5. <input type="checkbox"/> Seasonal Conversion	1. <input checked="" type="checkbox"/> No Rule Variance 2. <input type="checkbox"/> First Time System Variance a. <input type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 3. <input type="checkbox"/> Replacement System Variance a. <input type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 4. <input type="checkbox"/> Minimum Lot Size Variance 5. <input type="checkbox"/> Seasonal Conversion Approval	1. <input checked="" type="checkbox"/> Complete Non-Engineered System 2. <input type="checkbox"/> Primitive System (graywater & old toilet) 3. <input type="checkbox"/> Alternative Toilet, specify: _____ 4. <input type="checkbox"/> Non-Engineered Treatment Tank (only) 5. <input type="checkbox"/> Holding Tank, _____ Gallons 6. <input type="checkbox"/> Non-Engineered Disposal Field (only) 7. <input type="checkbox"/> Separated Laundry System 8. <input type="checkbox"/> Complete Engineered System (2000 gpd) 9. <input type="checkbox"/> Engineered Treatment Tank (only) 10. <input type="checkbox"/> Engineered Disposal Field (only) 11. <input type="checkbox"/> Pre-treatment, specify: _____ 12. <input type="checkbox"/> Miscellaneous components
SIZE OF PROPERTY 25,000 SQ. FT. +- <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> acres	DISPOSAL SYSTEM TO SERVE 1. <input checked="" type="checkbox"/> Single Family Dwelling Unit, No. of Bedrooms: - & 2. <input type="checkbox"/> Multiple Family Dwelling, No of Units: _____ 3. <input type="checkbox"/> Other: _____ SPECIFY Current Use <input checked="" type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY 1. <input checked="" type="checkbox"/> Drilled Well 2. <input type="checkbox"/> Dug Well 3. <input type="checkbox"/> Private 4. <input type="checkbox"/> Public 5. <input type="checkbox"/> Other.
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
1. <input checked="" type="checkbox"/> Concrete a. <input checked="" type="checkbox"/> Regular b. <input type="checkbox"/> Low Profile OR 2. <input checked="" type="checkbox"/> Plastic 3. <input type="checkbox"/> Other: _____ CAPACITY <u>1000</u> gallons	1. <input type="checkbox"/> Stone Bed 2. Stone Trench 3. <input checked="" type="checkbox"/> Proprietary Device a. <input type="checkbox"/> Cluster orroy c. <input checked="" type="checkbox"/> Linear b. <input checked="" type="checkbox"/> Regular d. <input type="checkbox"/> H-20 loaded 4. <input type="checkbox"/> Other: _____ SIZE <u>1008</u> <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft. 24 ELJEN IN DRAIN UNITS	1. <input checked="" type="checkbox"/> No 3. <input type="checkbox"/> Maybe 2. <input type="checkbox"/> Yes >> Specify one below: a. <input type="checkbox"/> Multi-compartment tank b. <input type="checkbox"/> _____ tanks in series c. <input type="checkbox"/> Increase in tank capacity d. <input checked="" type="checkbox"/> Filter on tank outlet	270 gallons per day BASED ON: 1. <input checked="" type="checkbox"/> Table 501.1 (dwelling unit(s)) 2. <input type="checkbox"/> Table 501.2 (other facilities) SHOW CALCULATIONS - for other facilities -
SOIL DATA & DESIGN CLASS PROFILE <u>A</u> CONDITION <u>2</u> DESIGN <u>TP</u> Depth <u>36</u> " OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING 1. <input type="checkbox"/> Small - 2.0 sq.ft./gpd <input checked="" type="checkbox"/> Medium - 4.1 sq.ft./gpd 4. <input type="checkbox"/> Large - 4.1 sq.ft./gpd 5. <input type="checkbox"/> Extra-Large - 5.0 sq.ft./gpd	PUMPING 1. <input type="checkbox"/> Not required engineered or experimental systems: DOSE: _____ Gallons	3 BEDROOM DWELLING @ 90 G.P.D. 3. <input type="checkbox"/> Section 503.0 (meter readings ATTACH WATER-METER DATA)

SITE EVALUATOR STATEMENT

I certify that on 10/3/03 (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 2.1).

Site Evaluator Signature: Albert Frick SE # 163 Date: 5/20/2004

ALBERT FRICK

(207) 839-5563

ALBERTFRICK@WORLDNET.ATT.NET

Site Evaluator Name Printed: ALBERT FRICK ASSOCIATES - 95A COUNTY ROAD ROAD GORHAM, MAINE 04038 - (207) 839-5563

E-mail Address

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

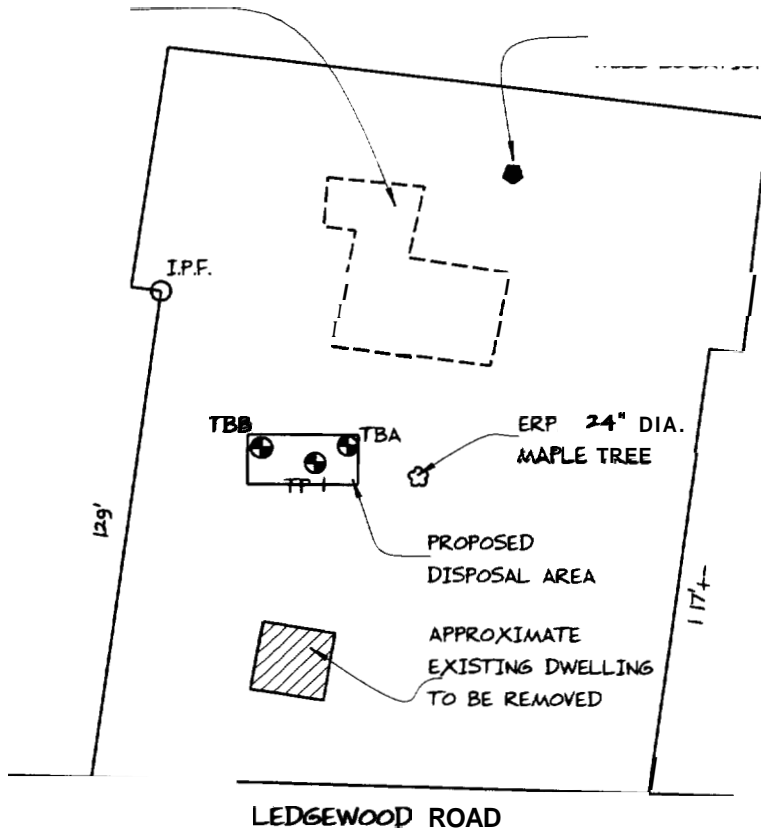
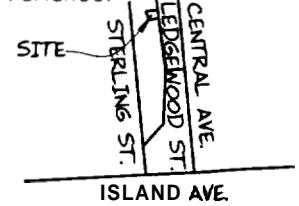
Maine Department of Human Services
 Division of Health Engineering, Station 10 SHS
 (207) 287-5672 FAX (207) 287-4172

Owner's Name
RED SOMERS

SITE PLAN

Scale 1" = 50+- Ft
 or as shown

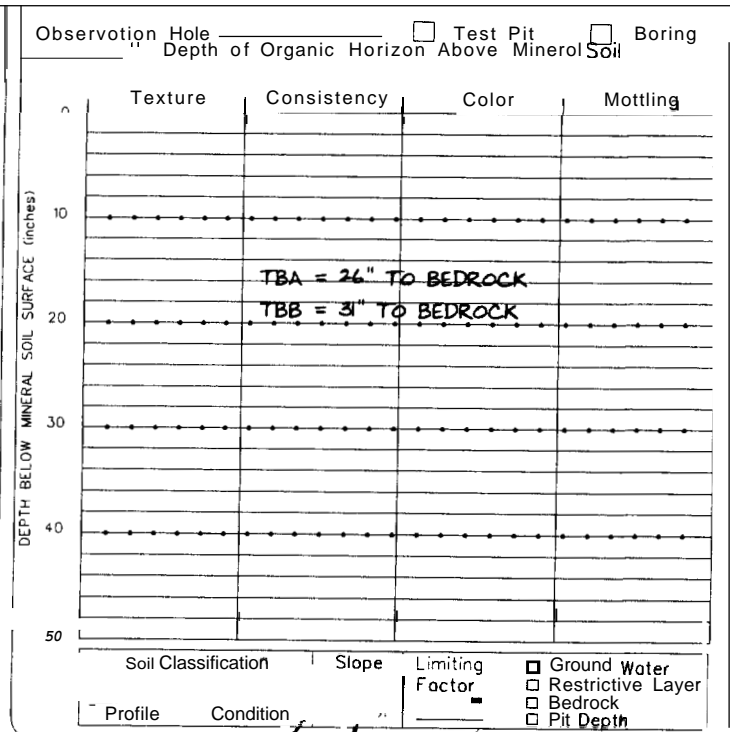
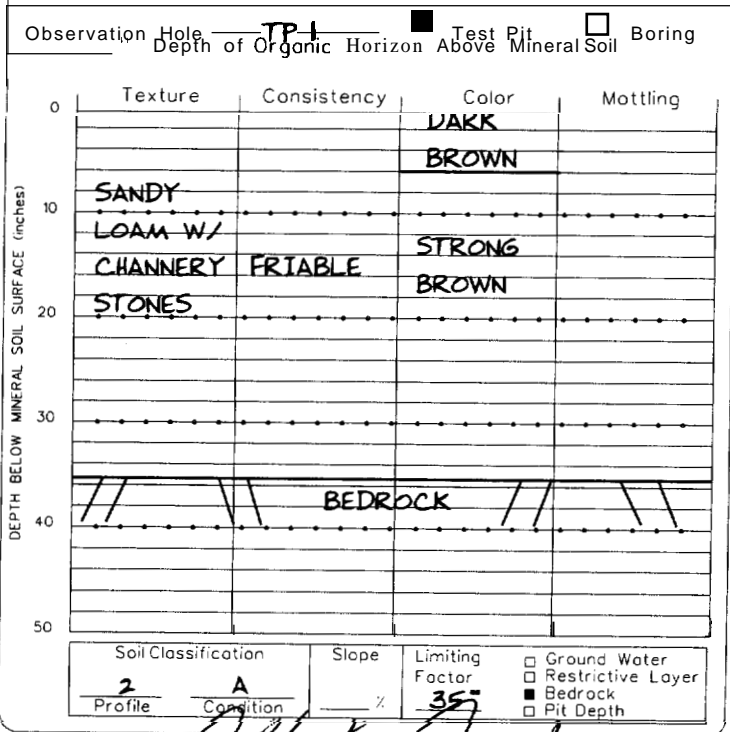
SITE LOCATION PLAN
 (Attach Map from Maine Atlas for New System Variance)



NOTE: PROPERTY LINES PER TOWN TAX MAP

REDUCTION IN SETBACKS BETWEEN A SINGLE FAMILY BEDROCK WELL AND THEIR OWN FIRST TIME, LESS THAN 100 GPD DISPOSAL FIELD

DEPTH OF WELL CASING OR LINER SEAL BELOW GROUND LEVEL	REDUCTION IN THE MINIMUM 100 FT. SETBACK DISTANCE
>40 FEET TO 55 FEET	100 DOWN TO 90 FEET
>55 FEET TO 70 FEET	100 DOWN TO 80 FEET
>70 FEET TO 86 FEET	100 DOWN TO 70 FEET
>86 FEET	100 DOWN TO 60 FEET



Albert Frick
 Site Evaluator Signature

163
 SE

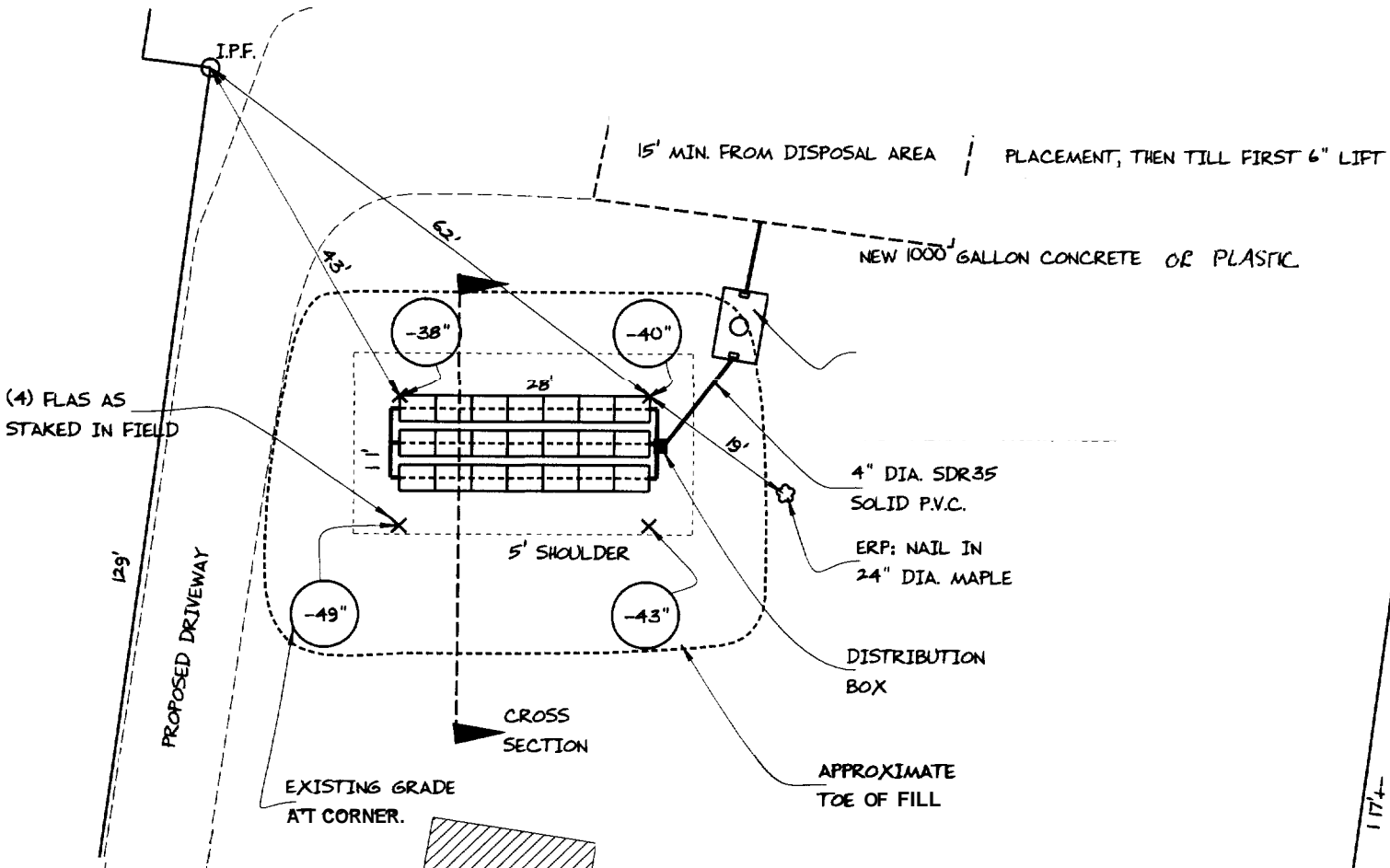
5/20/2004
 Date

Page 2 of 3
 HHE-200 Rev. 10/02

Town, City, Plantation
PEAKS ISLAND

Street, Road, Subdivision
110 LEDGEWOOD ROAD

Owner's Name
FRED SOMERS



FILL REQUIREMENTS

Depth of Fill (Upslope) : 19" - 21"
 Depth of Fill (Downslope) : 24" - 30"
 DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation
 Top of Distribution Pipe or Proprietary Device
 Bottom of Disposal Area

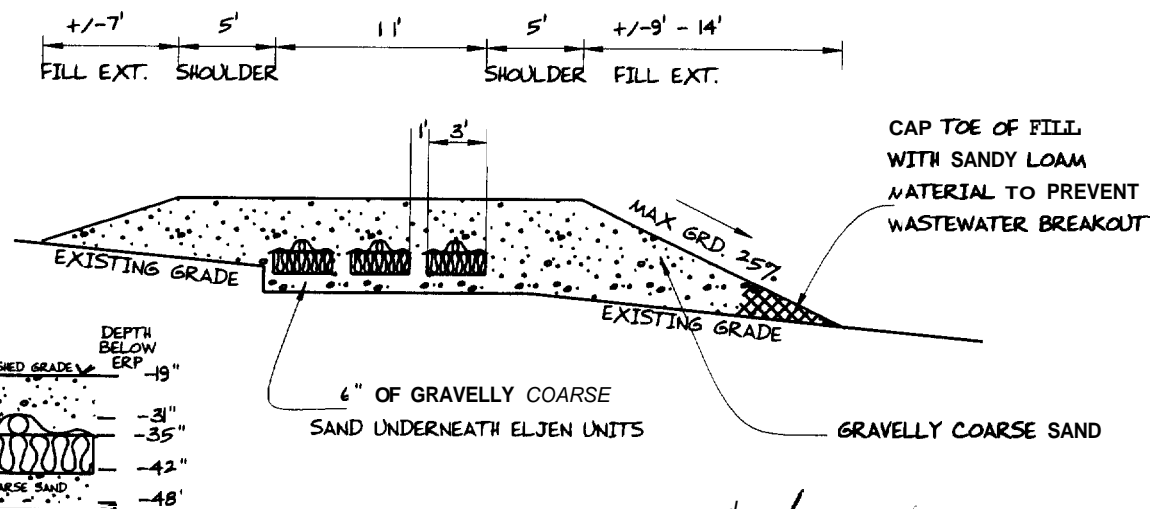
SEE
 DETAIL
 BELOW

ELEVATION REFERENCE POINT

Location & Description: NAIL IN 24" DIA. MAPLE TREE, 40" ABOVE BASE
 Reference Elevation is: 0.0 or -----

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

DISPOSAL AREA CROSS SECTION



Albert Frick
 Site Evaluator Signature

163
 SE

5/20/2004
 Date



Albert Frick Associates, Inc.
Soil Scientists & Site Evaluators
95A County Road Gorham, Maine 04038
(207) 899-5569

PCUTLAND PEAKS IKAND	LEDGEWOOD ROAD	FRED SOMERS
TOWN	LOCATION	APPLICANT'S NAME

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 <u>PORTLAND PEAKS 1K AND</u>	LOCATION <u>LEDGEWOOD ROAD</u>	APPLICANT'S NAME <u>FRED SOMERS</u>
--------------------------------------	-----------------------------------	--

- 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



Albert Prick Associates, Inc.
Soil Scientists & Site Evaluators

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