

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services  
Division of Health Engineering, 10 SHS  
(207) 287-5672 Fax: (207) 287-3165

## PROPERTY LOCATION >> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

City, Town, or Plantation	PORTLAND
Street or Road	GREAT DIAMOND ISLAND
Subdivision, Lot #	

PORTLAND PERMIT # 10343 TOWN COPY

Date Permit Issued: 7/23/07 \$ 1110.00  Double Fee FEE Charged

[Signature] L.P.I. # 360  
Local Plumbing Inspector Signature

### OWNER/APPLICANT INFORMATION

Name (last, first, MI) GLICKMAN, AL  Owner  Applicant

Mailing Address of Owner/Applicant 888 SHORE RD  
CAPE ELIZABETH ME

Daytime Tel. # 207-899-6700

Municipal Tax Map # 83CA Lot # 1

**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.

Signature of Owner or 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 \_\_\_\_\_ (1st) date approved \_\_\_\_\_  
\_\_\_\_\_ (2nd) date approved \_\_\_\_\_

## PERMIT INFORMATION

**TYPE OF APPLICATION**

1. First Time System 3 each

2. Replacement System  
Type replaced: \_\_\_\_\_  
Year installed: \_\_\_\_\_

3. Expanded System each  
a. Minor Expansion  
 b. Major Expansion

4. Experimental System

5. Seasonal Conversion each

**THIS APPLICATION REQUIRES**

1. No Rule Variance

2. First Time System Variance  
a. Local Plumbing Inspector Approval  
b. State & Local Plumbing Inspector Approval

3. Replacement System Variance  
a. Local Plumbing Inspector Approval  
b. State & Local Plumbing Inspector Approval

4. Minimum Lot Size Variance

5. Seasonal Conversion Permit

**DISPOSAL SYSTEM COMPONENTS**

1. Complete Non-engineered System

2. Primitive System (graywater & alt. toilet)

3. Alternative Toilet, specify: \_\_\_\_\_

4. Non-engineered Disposal Area

5. Holding Tank, \_\_\_\_\_ gallons

6. Non-engineered Disposal Field (only)

7. Separated Laundry System

8. Complete Engineered System (2000 gpd or more)

9. Engineered Treatment Tank (only)

10. Engineered Disposal Field (only)

11. Pre-treatment, specify: \_\_\_\_\_

12. Miscellaneous Components

**SIZE OF PROPERTY**

10±  SQ. FT.  ACRES

**SHORELAND ZONING**

Yes  No

**DISPOSAL SYSTEM TO SERVE**

1. Single Family Dwelling Unit, No. of Bedrooms: 22

2. Multiple Family Dwelling, No. of Units: \_\_\_\_\_

3. Other: \_\_\_\_\_ (specify)

Current Use  Seasonal  Year Round  Undeveloped

**TYPE OF WATER SUPPLY**

1. Drilled Well  2. Dug Well  3. Private

4. Public  5. Other

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

**TREATMENT TANK**

1. Concrete  
a. Regular  
b. Low Profile

2. Plastic 3 @ 1000

3. Other: 1 EXISTING

CAPACITY: \_\_\_\_\_ GAL.

**DISPOSAL FIELD TYPE & SIZE**

1. Stone Bed  2. Stone Trench

3. Proprietary Device  
a. cluster array  c. Linear  
b. regular load  d. H-20 load

4. Other: \_\_\_\_\_

SIZE: 6534  sq. ft.  lin. ft.

**GARBAGE DISPOSAL UNIT**

1. No  2. Yes  3. Maybe

If Yes or Maybe, specify one below:

a. multi-compartment tank

b. \_\_\_\_\_ tanks in series

c. increase in tank capacity

d. Filter on Tank Outlet

**DESIGN FLOW**

1980 gallons per day  
BASED ON:

1. Table 501.1 (dwelling unit(s))

2. Table 501.2 (other facilities)

SHOW CALCULATIONS FOR other facilities

**4 SINGLE FAM UNITS**  
**104 BEDS 3 @ 6 BEDS**

**SOIL DATA & DESIGN CLASS**

PROFILE 3 CONDITION C DESIGN 1

at Observation Hole # \_\_\_\_\_

Depth 18"

of Most Limiting Soil Factor

**DISPOSAL FIELD SIZING**

1. Small---2.0 sq. ft. / gpd

2. Medium---2.6 sq. ft. / gpd

3. Medium---Large 3.3 sq. ft. / gpd

4. Large---4.1 sq. ft. / gpd

5. Extra Large---5.0 sq. ft. / gpd

**EFFLUENT/EJECTOR PUMP**

1. Not Required

2. May Be Required

3. Required

Specify only for engineered systems:  
DOSE: \_\_\_\_\_ gallons

ATTACH WATER METER DATA

**LATITUDE AND LONGITUDE**  
at center of disposal area

Lat. 44 d 05 m 43 s

Lon. 70 d 40 m 21 s

if g.p.s, state margin of error: ±10'

## SITE EVALUATOR STATEMENT

I certify that on 6/11/06 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

[Signature] Site Evaluator Signature

267 SE #

3/12/07 Date

ALAN L. BURNELL Site Evaluator Name Printed

781-5242 Telephone Number

ABURNELL@PINKHAMANDGREER.COM E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator. HHE-200 Rev. 8/01

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PORTLAND

GREAT DIAMOND ISLAND

AL GLICKMAN

SITE PLAN

Scale 1" = 100 ft. or as shown

SITE LOCATION PLAN  
 (map from Maine Atlas  
 recommended)

SEE ATTACHED

SEE ATTACHED

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

Observation Hole # 4  Test Pit  Boring  
4 " Depth of Organic Horizon Above Mineral Soil

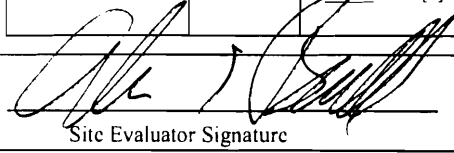
Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	SANDY LOAM	FRIABLE	DK. BROWN	
10			LGT. BROWN	
20	LOAMY SAND		LGT. OLIVE	COMMON
30		FIRM	OLIVE	
40				
50				

Soil Classification <u>3 C</u> Profile Condition	Slope <u>4</u> %	Limiting Factor <u>18</u> "	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
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Observation Hole \_\_\_\_\_  Test Pit  Boring  
 \_\_\_\_\_ " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
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Soil Classification _____ Profile Condition	Slope _____%	Limiting Factor _____"	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
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 Site Evaluator Signature

267 SE # 3/12/07 Date

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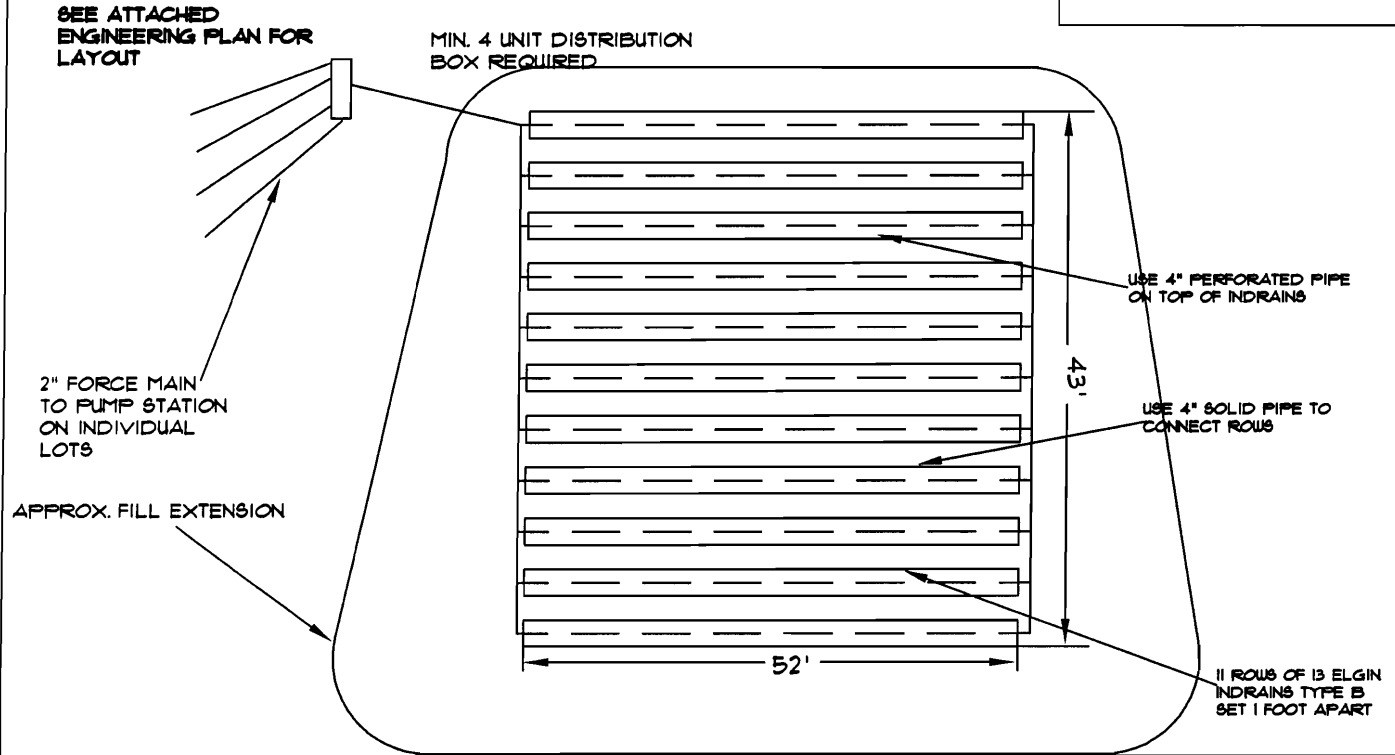
PORTLAND

GREAT DIAMOND ISLAND

AL GLICKMAN

**SUBSURFACE WASTEWATER DISPOSAL PLAN**

SCALE: 1" = 20 FT.



**FILL REQUIREMENTS**

**CONSTRUCTION ELEVATIONS**

**ELEVATION REFERENCE POINT**

Depth of Fill (Upslope) 24"  
 Depth of Fill (Downslope) 24-36"

Finished Grade Elevation 48'  
 Top of Distribution Pipe or Proprietary Device 46.9'  
 Bottom of Disposal Area 46'

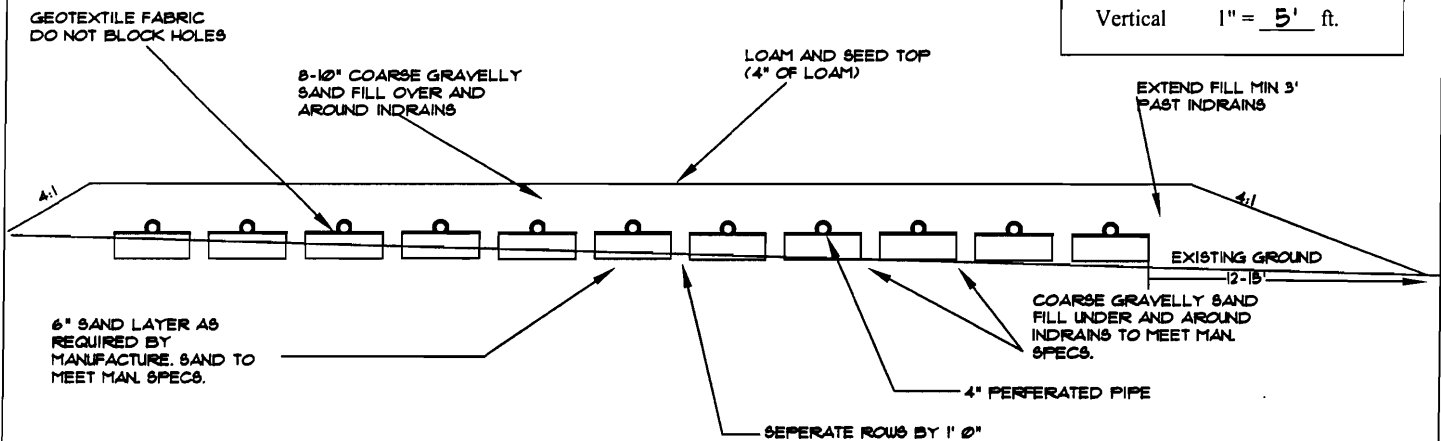
Location & Description: PROJECT BENCH MARK  
 Reference Elevation: 0"

**DISPOSAL AREA CROSS SECTION**

Scale

Horizontal 1" = 10' ft.

Vertical 1" = 5' ft.



*[Handwritten Signature]*  
 Site Evaluator Signature

267

SE #

3/12/07

Date

