Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 04/05/18

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department
Division of Health E
(207) 287-5672 F

PROPERTY LOCATION

>> CAUTION: LPI APPROVAL REQUIRED <<

City, Town, or Plantation	Portland
Street or Road	32 Ice Pond Drive
Subdivision, Lot #	

Town/City _____ Permit # _____

Date Permit Issued ___/___/___ Fee: $ _____ Double Fee Charged ☐

_____ LPI # _____
Local Plumbing Inspector Signature

☐ Owner ☐ Town ☐ State

OWNER/APPLICANT INFORMATION

Name (last, first, MI) ☐ Owner ■ Applicant
Carson, Dustin & Sarah

Mailing Address of Owner/Applicant: 24 Bear Run, Gorham, Maine 04038

Daytime Tel. #: (207) 314-3596

The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. This Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map # _____ Lot # _____

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 1/19/18

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

_____ (1st) date approved
_____ Local Plumbing Inspector Signature _____ (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION
- ■ 1. First Time System
- ☐ 2. Replacement System
  - Type replaced: _____
  - Year installed: _____
- ☐ 3. Expanded System
  - ☐ a. <25% Expansion
  - ☐ b. >= 25% Expansion
- ☐ 4. Experimental System
- ☐ 5. Seasonal Conversion

THIS APPLICATION REQUIRES
- ■ 1. No Rule Variance
- ☐ 2. First Time System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector
- ☐ 3. Replacement System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector
- ☐ 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 Treatment Tank (only)
- ☐ 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
0.46 ☐ SQ. FT. ■ ACRES

SHORELAND ZONING
☐ Yes ■ No

DISPOSAL SYSTEM TO SERVE
- ■ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
- ☐ 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. Other: _____

CAPACITY: 1,000 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: 1008 ■ 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
270 gallons per day
BASED ON:
- ■ 1. Table 4A (dwelling unit(s))
- ☐ 2. Table 4C (other facilities)
  SHOW CALCULATIONS
  — for other facilities —
- ☐ 3. Section 4G (meter readings)
  ATTACH WATER METER DATA

SOIL DATA
PROFILE: 2 CONDITION: AIII
at Observation Hole # TP-1
Depth 21 "
of Most Limiting Soil Factor
Bedrock

DISPOSAL FIELD SIZING
- ☐ 1. Medium—2.6 sq. ft. / gpd
- ■ 2. Medium—Large 3.3 sq. f.t / gpd
- ☐ 3. Large—4.1 sq. ft. / gpd
- ☐ 4. 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

LATITUDE AND LONGITUDE
at center of disposal area
Lat. N43 d 42 m 5.2 s
Lon. W70 d 15 m 54.8 s
if g.p.s. state margin of error: 20'

SITE EVALUATOR STATEMENT

I certify that on 1-15-17 (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).

Dave V. Chapman — Site Evaluator Signature
293 — SE #
01/18/18 — Date

Dave Chapman — Site Evaluator Name Printed
(207) 200-2129 — Telephone Number
dchapman@sebagotechnics.com — Email Address

Designed with SeptiCAD v3

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

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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Sta
(207) 287-5672 Fax: (207) 287-4

CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
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Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
Portland	32 Ice Pond Drive	Dustin & Sarah Carson

SITE PLAN Scale 1" = 50 ft.

NOTES:
1. This is not a survey. All property lines, building locations and site features have been approximately located, unless otherwise shown.
2. Septic tank and disposal field must be located at least 8' and 20' from a full foundation.
3. Scarify all ground to be filled. Remove vegetation and organic loam topsoil. Scarify soil to a depth of 6 inches by mixing gravelly coarse sand with native soil using a rototiller or a backhoe bucket with teeth. Do not use a backhoe bucket without teeth because it can compact and smear the underlying soil.
4. Insulate the Distribution Box (D-Box).
5. Review the Eljen Geotextile Sand Filter (GSF) Design and Installation Manual before installing this system.

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

Observation Hole # B-1 ☐ Test Pit ■ Boring

" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–18	Sandy Loam	Friable	Brown	
18–24			Reddish Brown	
24–48	Bedrock			

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
2	AIII	5	21"	☐ Groundwater ☐ Restrictive Layer ■ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
				☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature: Dan V. Chapman | SE #: 293 | Date: 01/18/18

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 1
(207) 287-5672 Fax: (207) 287-3165

CITY OF PORTLAND, MAINE RESURGAM
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Portland	32 Ice Pond Drive	Dustin & Sarah Carson

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft

BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Backfill (upslope)	36-22"	Finished Grade Elevation (at Row 1)	-6"	Location & Description: 12" Oak
Depth of Backfill (downslope)	40-24"	Top of Pipe (at Row 1)	-14"	Nail 15" Above Ground
		Bottom of Eljen Units (at Row 1)	-25"	Reference Elevation is 0.0" or:

NOTE: SCARIFY ALL GROUND SURFACE TO BE FILLED. USE GRAVELLY COARSE SAND WITHIN 3' OF ELJENS. REMAINING FILL: LOAMY SAND (no clay)

DISPOSAL FIELD CROSS SECTION

Scales:
Verticle: 1" = 5
Horizontal: 1" = 5

ROW #	1	2	3
TOP	-14"	-16"	-19"
BOTTOM	-25"	-27"	-30"

TOP OF ROW #1 INLET AT -14"

Site Evaluator Signature	SE #	Date	
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