FORMS

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: Augusta

Street or Road: 8 Rod Rd

Subdivision: Red Maple #6

AUGUSTA PERMIT # 5527 TOWN COPY

Date Permit Issued: 5/25/05 $ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature

L.P.I. #

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Genest, Donald ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant: 172 Mt Vernon Ave Augusta, Me 04330

Daytime Tel. #: 623-1223

Municipal Tax Map # 2 Lot # 215 SL6

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 5/11/05

CAUTION: INSPECTION REQUIRED

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

5/25/05 (1st) date approved

Local Plumbing Inspector Signature — 9/29/05 (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

☒ 1. First Time System
☐ 2. Replacement System
Type replaced: ____
Year installed: ____
☐ 3. Expanded System
☐ a. Minor Expansion
☐ b. Major Expansion
☐ 4. Experimental System
☐ Seasonal Conversion

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 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

5.4 ☐ 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

To be
☒ 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 1000 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: 900 ☒ 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 501.1 (dwelling unit(s))
☐ 2. Table 501.2 (other facilities)
SHOW CALCULATIONS
---- for other facilites ---
☐ 3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE / CONDITION / DESIGN
3 / C / 1
at Observation Hole # 1
Depth 22"
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

SITE EVALUATOR STATEMENT

I certify that on 4/27/05 (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).

James W Marple — Site Evaluator Signature
S-304 — SE #
5/08/05 — Date

James W Marple — Site Evaluator Name Printed
589-4305 — Telephone Number
E-mail Address

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

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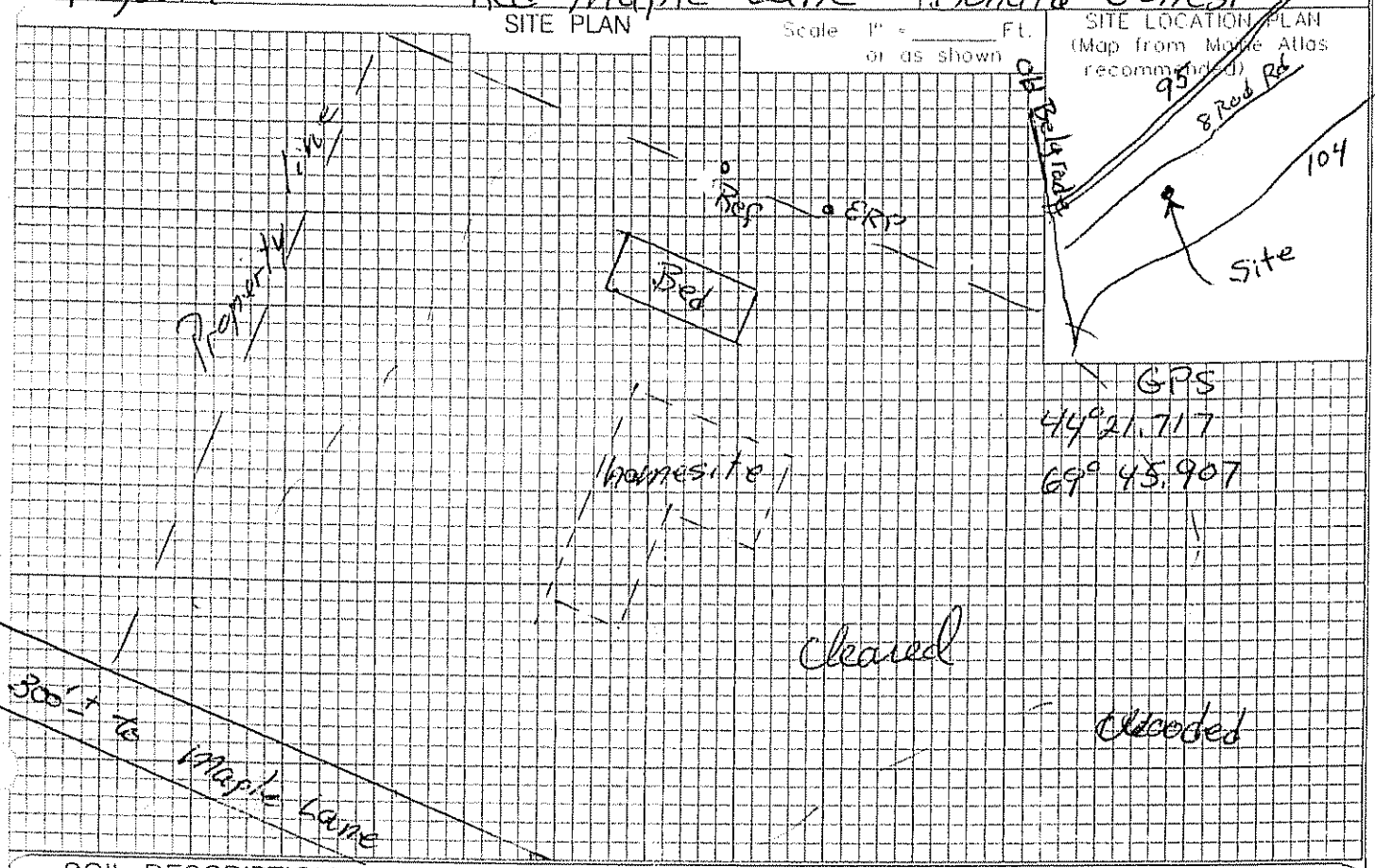
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: Augusta
Street, Road, Subdivision: Red Maple Lane
Owner's Name: Donald Genest

SITE PLAN

Scale 1" = _____ Ft. or as shown



SITE LOCATION PLAN
(Map from Maine Atlas recommended)

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

Observation Hole TP-1 ☐ Test Pit ☒ Boring
_____" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	Loam	Friable	Dark Brown	
			Red Brown	
10			Lite Brown	
20				Faint
		Firm	olive gray	
30				
40				
50				

Soil Classification		Slope	Limiting Factor	
3 (Profile)	C (Condition)	0 %	22"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole TP-2 ☐ Test Pit ☒ Boring
_____" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	Loam	Friable	Dark Brown	
			Red Brown	
10			Lite Brown	
20				None
		Firm		
30				
40				
50				

Soil Classification		Slope	Limiting Factor	
3 (Profile)	C (Condition)	0 %	24"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock ☐ Pit Depth

James W Maple — Site Evaluator Signature
S 304 — SE #
5/08/05 — Date

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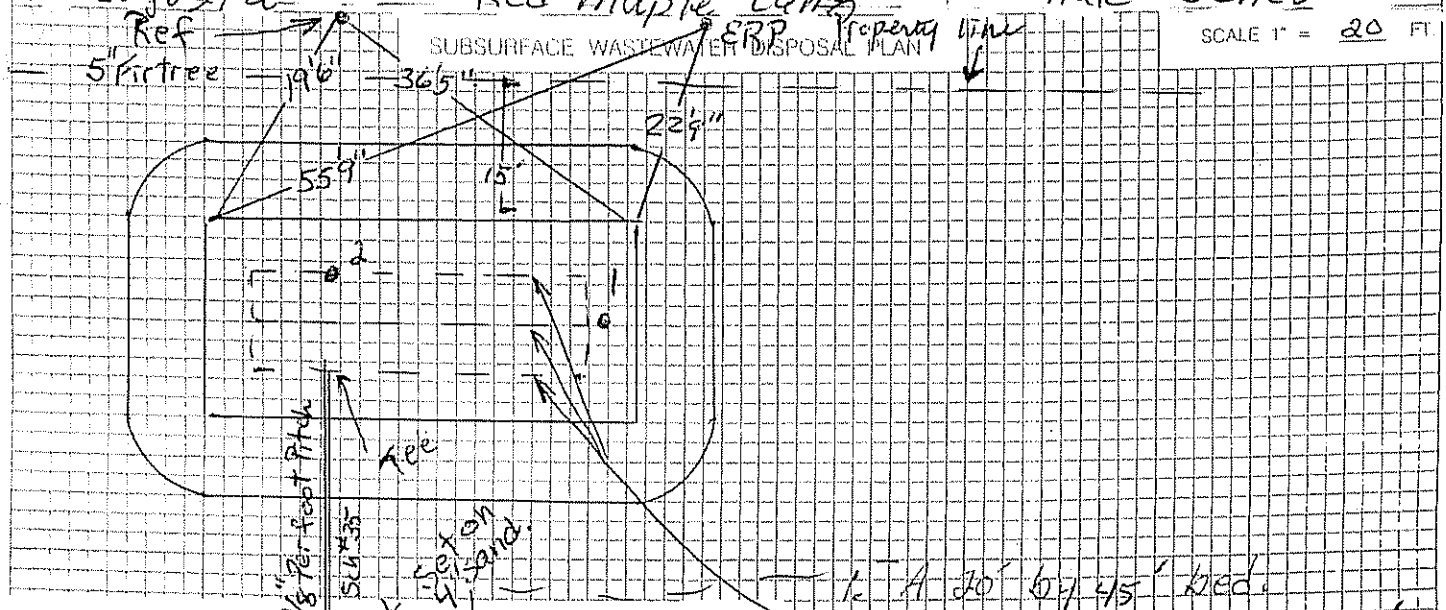
SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



1. A 20' by 45' bed.
2. 3, 4" distribution lines 35' long and spaced 5' apart.
3. Tank is 5' from slab or 8' from full foundation.
4. Bed is 15' from slab or 20' from full foundation.
5. Tank is 100' from owners well or 50' if monolithic tank is used.

Remove topsoil, roots, and organic matter under the required sand area or a proposed system, including the slope extensions of raised systems.
Maintain the existing characteristics of the underlying soil as much as possible.
Add the sand fill on the same day that the leach area is excavated.
Do not allow water to run into or over the system during construction.
Do not work wet or frozen soils.

Minimize machine movement to avoid soil compaction and destruction of the soil structure under and around the system. Be especially careful not to compact soil on the down slope side of the system.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	18"	Finished Grade Elevation	-42"	Location & Description: Anail 65" High in 20' Hemlock Tree
Depth of Fill (Downslope)	18"	Top of Distribution Pipe or Proprietary Device	-54"	Reference Elevation: -0-
		Bottom of Disposal Area	-65"	

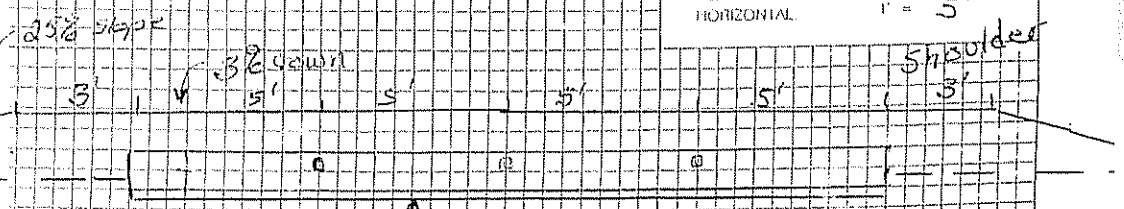
504.2.3 Field Determination of backfill: Due to the [illegible] of obtaining sieve analyses and the variability of backfill material, the following procedures can be used in the field to determine the suitability of backfill material. The backfill is suitable if the soil texture is loose single grains, the individual [illegible] grains can be readily seen (similar to salt or sugar grains) and feel, and the following conditions are observed: If squeezed in the hand when dry [illegible] the pressure is released but has enough roles to stain the lines in the palm of the hand, or if squeezed when moist, it will form a cast that will crumble when touched and bears very [illegible] handling, and it does not form a ribbon between the thumb and forefinger but has enough lines to stain the lines in the palm of the hand.

504.2.1 Coarse fragments: The upper limit of coarse fragments shall be 3 inches in diameter and approximately 5% by volume.

504.4.1 Extent of backfill material: The fill layer shall include any backfill beneath the disposal field, the shoulders, and the backfill material extensions surrounding the disposal field on all sides.

DISPOSAL AREA CROSS SECTION

SCALE:
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 5'



original grade 0%

1. Remove organic matter from under bed and fill extensions.
2. Bed bottom is level.
3. New fill and original soil to be tilled together for 4" transition horizen
4. 12" Clean Uniform Stone 3/4" to 2 1/2"

Filter fabric over Stone

5. Final grades 4" topsoil, seed, and mulch.

James W. Marple
Site Evaluator Signature

S 304
SE #

5/08/05
Date