SCOTT SELWOOD

Original to be sent to Division of Health Engineering, Augusta, Maine 04333 by the LPI

This Application Is For: ○ New System ○ Expanded System ○ Conversion Permit ○ Experimental System ● Replacement Of Entire System ○ Disposal Area Only

An Application For Subsurface Wastewater Disposal Permit

This Is NOT A Permit; This Form When Completed Must Be Presented To The Local Plumbing Inspector To Obtain A Permit

Town	Street, Road, Etc. / If On Water Body, Give Name	Plumbing Permit No.	Date Of Plumbing Permit
Augusta	Riverside Drive	19506 ES	11-15-78

Owner Of Property	Tel. No.	Name Of Applicant / Owner's Agent	Tel. No.
Scott Selwood	622-9072		

Street	Street
Riverside Drive	

Town	State	Zip Code	Town	State	Zip Code
Augusta	Maine	04330			

Owner's Signature	Date	Applicants Signature	Date
X [signature]	11-15-78		

Size Of Lot	Is Lot Zoned?	Type Of Zoning	Subdivision Name	Lot No.
50,000 ± ● Sq. Feet ○ Acres	○ Yes ● No			

The Water Supply For This Property Is: ○ Dug Well, depth _____; ○ Drilled Well, depth _____; ○ Spring, depth _____;
Surface water ○ Body ○ Course—○ with disinfection, ○ without disinfection. Public Utility, name Augusta Water Dist.

SITE INVESTIGATION

Show Location Of Pits on Site Plan on Page 2

	Soil Profile No. ■ Pit ☐ Boring	Soil Profile No. ☐ Pit ☐ Boring	Soil Profile No. ☐ Pit ☐ Boring	Soil Profile No. ☐ Pit ☐ Boring
Thickness and Description of each soil stratum	Organic Strata: 0	Organic Strata	Organic Strata	Organic Strata
	1st Strata: DARK BROWN F.S.L. Inches 10" M.L.	1st Strata Inches	1st Strata Inches	1st Strata Inches
	2nd Strata: Red BROWN F.S.L. Inches 26" M.L.	2nd Strata Inches	2nd Strata Inches	2nd Strata Inches
	3rd Strata Inches	3rd Strata Inches	3rd Strata Inches	3rd Strata Inches
	4th Strata Inches	4th Strata Inches	4th Strata Inches	4th Strata Inches
Depth from bottom of organic horizon to:	Total Depth of Observation Hole Inches: 36	Total Depth of Observation Hole Inches	Total Depth of Observation Hole Inches	Total Depth of Observation Hole Inches
	Max. Seasonal Water Table Mottling ● None Evident Inches	Max. Seasonal Water Table Mottling ○ None Evident Inches	Max. Seasonal Water Table Mottling ○ None Evident Inches	Max. Seasonal Water Table Mottling ○ None Evident Inches
	Impervious Layer Clay, Etc. ● None Evident Inches	Impervious Layer Clay, Etc. ○ None Evident Inches	Impervious Layer Clay, Etc. ○ None Evident Inches	Impervious Layer Clay, Etc. ○ None Evident Inches
	Bedrock Inches ○ None Evident Type of Bedrock: 36	Bedrock Inches ○ None Evident Type of Bedrock	Bedrock Inches ○ None Evident Type of Bedrock	Bedrock Inches ○ None Evident Type of Bedrock
	Surface Slope 8.5 %	Surface Slope %	Surface Slope %	Surface Slope %
	Soil Group: 2 / Soil Condition: A (Per Table 9-1 Code II)	Soil Group / Soil Condition (Per Table 9-1 Code II)	Soil Group / Soil Condition (Per Table 9-1 Code II)	Soil Group / Soil Condition (Per Table 9-1 Code II)

On 11-14-78 (date), a site investigation for this project was completed. I conducted this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the following type and size of private sewage disposal system. I also recommend the proposed private sewage disposal system layout and location shown on page 2.

Signature: Gerald C Poulin
Date Signed: 11-14-78
Site Evaluator License Number: 79

DISPOSAL SYSTEM PROPOSED

Show Location of System and Details on Disposal Plan on Page 2

SYSTEM:
● Combined System
○ Separated System
If separated system—type of human waste disposal system to be used:
○ Sealed Vault Privy
○ Open Pit Privy
○ Compost Toilet
○ Chemical Toilet
○ Incinerator Toilet

TREATMENT TANK
○ Aerobic Tank
● Septic Tank
● Concrete
○ Fiberglass
○ Metal
Size in Gallons: 1250 Gal.
Number of Bedrooms: 6

SUBSURFACE ABSORPTION AREA/TYPE
● Bed System No. of Beds 1
Length 70 ft Width 20 ft
○ Chamber System Number _____
○ Type A ○ Single File
○ Type B ○ Cluster
○ Special System Length _____ ft
N/A Width _____ ft
○ Laundry System Type A _____
No. of Chambers: N/A Type B _____

SIZE
○ Small
○ Medium
● Med.-Large
○ Large
○ Extra-Large

Design Flow: 416 GPD

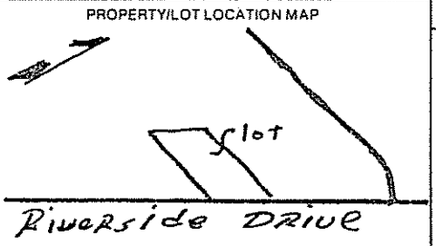
Name and type of establishment if other than private home:
2-UNIT APARTMENT
SYSTEM DESIGN BASED ON WATER METER READING

SITE MODIFICATION
Fill will be: 12 in. uphill 32 in. downhill

DETAILS
○ A Distribution Box is required
Pumping is—○ required ● is not required
The dose will be _____ Gallons

DISTANCES
● Yes ○ No: The proposed subsurface absorption area will be located at least 100 feet from any and all wells; springs; surface water bodies and courses (lake, pond, ocean, brook, stream, river); swamps; marshes; and bogs.
● Yes ○ No: The proposed subsurface absorption area will be located at least 300 feet from any and all springs producing 2000 gallons or more of water per day and any public water supplies.

PROPERTY/LOT LOCATION MAP



WAIVER ○ State Variance Required ○ Replacement Variance Required ● None Required

FOR THE USE OF LPI ONLY

○ Denial: Application is denied for the following reasons; portions of the Code II are cited.
Form is incomplete (_____ pg.) as to ○ General info., ○ Site Investigation, ○ System Proposed, ○ Site Plan, ○ Disposal System Plan, ○ Cross-Section, ○ Statement. See section 4.1
○ Site Investigation indicates site is ○ unsuitable for disposal system. ○ Unsuitable for system proposed.
○ System Proposed does not conform to Code _____
○ Site Investigation indicates site modifications are necessary.
● Acceptance: Application for permit is approved ○ with condition specified, comply with Section _____ ● without condition.

Richard P. Baker 11-15-78

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

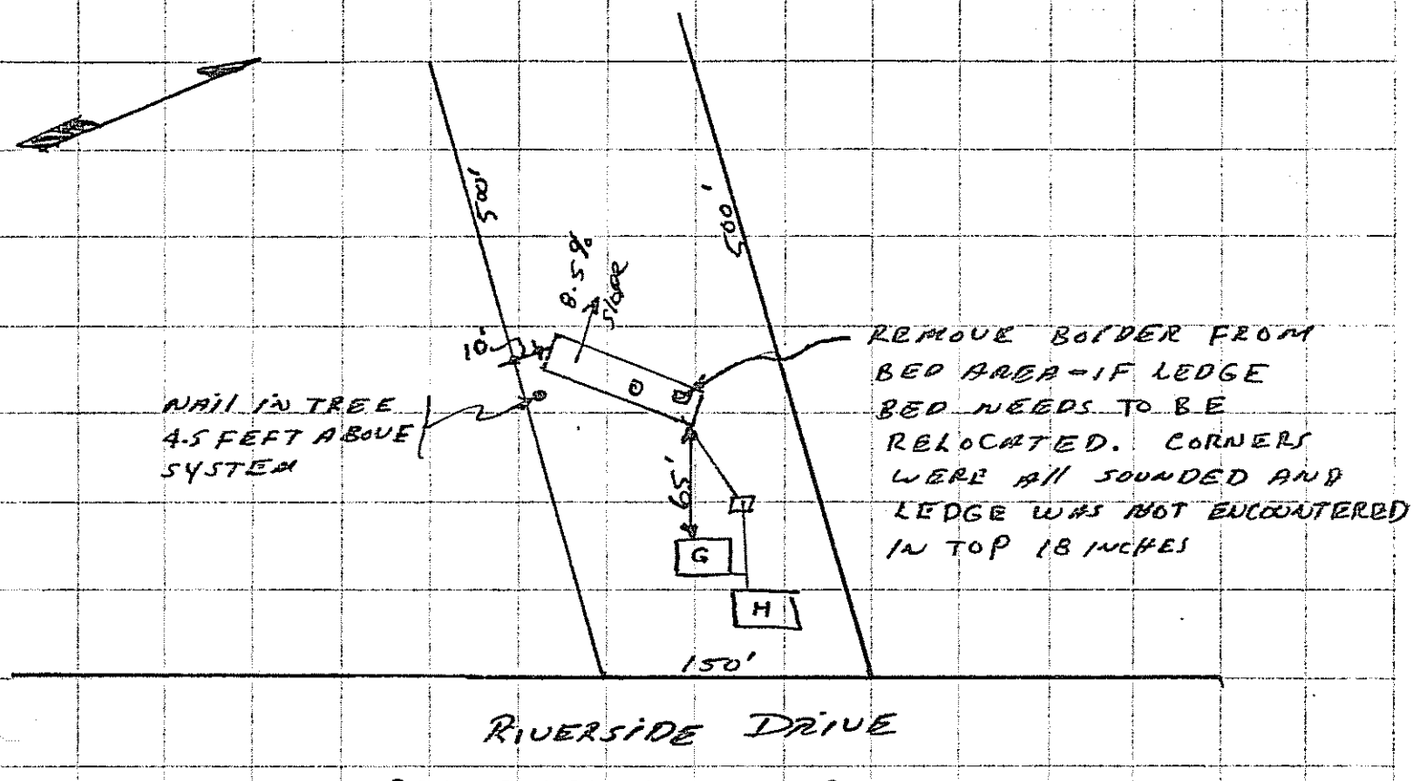
(For systems disposing of less than 2000 gallons per day)

Town: AUGUSTA

Street, Road, etc. Riverside Drive
If on water body, give name

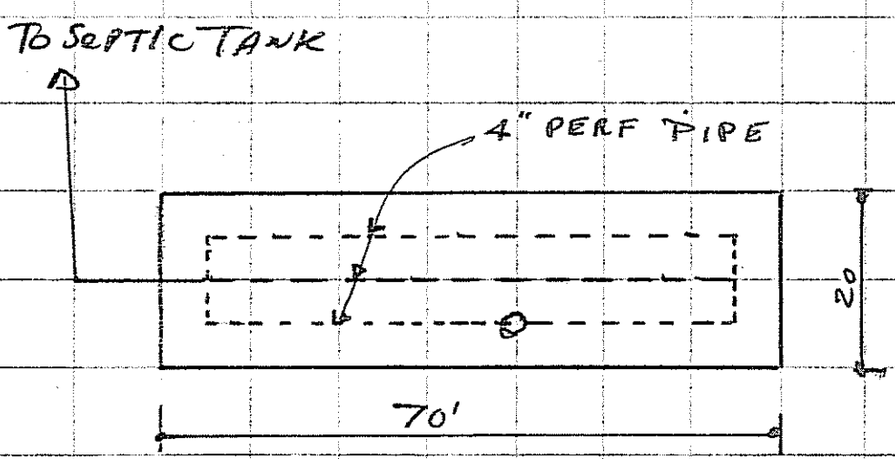
Owner of Property: Scott Selwood

Site Plan — Scale 1" = 100 ft.

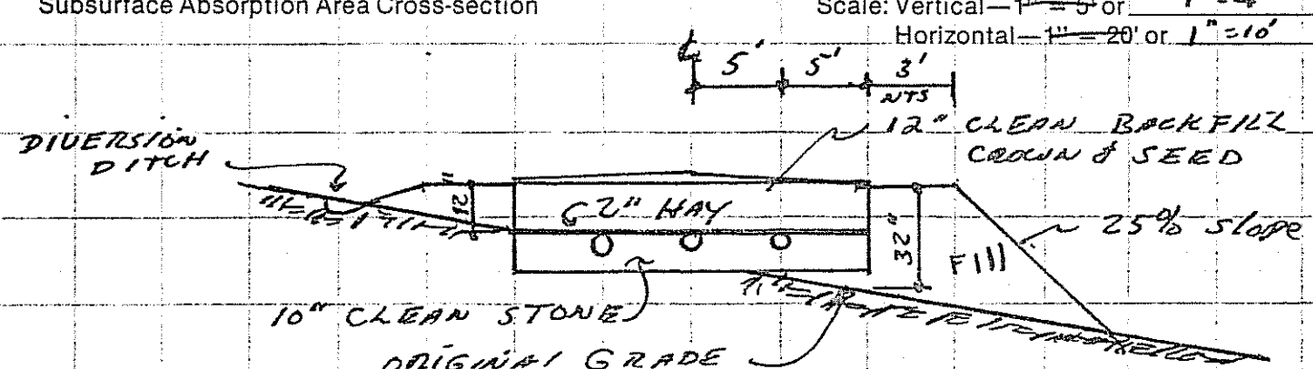


● Designates Elevation Reference Point ○ Designates Test Pit

Private Sewage Disposal Plan — Scale 1" = 20' or _____



Subsurface Absorption Area Cross-section — Scale: Vertical — ~~1" = 5'~~ or 1" = 4'; Horizontal — ~~1" = 20'~~ or 1" = 10'



Site Evaluators Signature: Gerald C Poulin — Date: 11-14-78 — License Number: 79

HHE-200 1/78

Statement: (no permit may be issued unless signed)

I certify that all the information submitted to be true and correct; and I understand that issuance of a permit is based upon the information and plans submitted by the applicant. I also understand that any falsification of this application is reason to deny a permit to install a private sewage disposal system and that the permit is valid for a six (6) month period from the date of permit issuance. I understand that no guarantee is intended or implied by reason of any advice or approval given by the Administrative Authority or its agent.

Signature Required

Date: 11-15-78

Applicant: _____

Owner: Scott Selwood

BY GCP DATE 11-13-78 SUBJECT Disposal Area SHEET NO. 1 OF 1
CHKD. BY _____ DATE _____ Scott Selwood JOB NO. _____

Meter Readings by Augusta Water District

Quarter	1976 (C.f.)	1977 (C.f.)	1978 (C.f.)
1st	8800	4400	5000
2nd	4700	4200	5900 Sm Pool
3rd	4200	5300 Sm Pool	8500 Lg Pool
4th	4400	4000	

In determining ave. use do not use 1st quarter 1976, 3rd quarter 1977, and 2nd & 3rd quarter 1978

$$\text{Ave Use}/\text{Quarter} = \frac{4700+4200+4400+4400+4200+4000+5000}{7}$$

$$= 4414 \text{ Cubic Feet / Quarter}$$

Ave Use

$$\text{Gal}/\text{Day} = (4414 \text{ c.f.})(7.48 \text{ G/c.f}) / 90 \text{ Day/Quarter}$$

$$= 367 \text{ G.P.D.}_{\text{Ave.}}$$

Highest Month

$$\text{Gal/Day} = (5000 \text{ c.f})(7.48 \text{ G/c.f}) / 90 \text{ Days/Quarter}$$

$$= 416 \text{ GPD}_{\text{High}}$$

Area required for Med. Large system per State of Maine Plumbing Codes is 3.3 sq. ft. / GPD

Area req for Ave. Use = (367 GPD)(3.3 sq.ft/GPD) = 1211 ft^2

Area req for Highest use = (416 GPD)(3.3 sq.ft./GPD) = 1371 ft^2

Note - 1 clothes washer effluent is directed to an old well and does not enter the system.

Therefore if system is designed for highest months use there is room for an increase in use.

Use 20 X 70 Bed ($A = 1400\ ft^2$)
1250 Gal. Septic Tank