

* Note: This applicant started out with replacement of old metal tank 5 x 2 for black waste & grey waste. Contractor damaged grey waste field, which required replacement grey waste field as well so permit was conditional for this single family house with tank farm.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION Maine Dept. Health & Human Services
Division of Health Engineering, 10 SHS
(207) 287-5572 Fax: (207) 287-3185

PROPERTY LOCATION		>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<	
City, Town, or Plantation	Augusta	AUGUSTA	PERMIT # 5905 TOWN COPY
Street or Road	46 Cross Hill Road		
Subdivision, Lot #			
		Date Permit Issued: 12/04/06	\$ 1,010.00 <input type="checkbox"/> If Double Fee Charged
OWNER/APPLICANT INFORMATION		L.P.I. # <u>100</u>	
Name (last, first, MI)	Sherwood, CAMDEN	Local Plumbing Inspector Signature: <u>[Signature]</u>	
Mailing Address of Owner/Applicant	46 Cross Hill Rd Augusta		
Daytime Tel. #		Municipal Tax Map # <u>4</u> Lot # <u>67</u>	

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 Local Plumbing Inspector to deny a Permit.
Robert S. Farrell
Signature of Owner or Applicant Date 12/4/06

CAUTION: INSPECTION REQUIRED
I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.
[Signature]
Local Plumbing Inspector Signature (Date) 12/4/06

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

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: <u>750</u> CAPACITY: _____ GAL.	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. cluster array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: <u>Intillator</u> SIZE: <u>172</u> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. multi-compartment tank <input type="checkbox"/> b. _____ tanks in series <input type="checkbox"/> c. increase in tank capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW <u>55</u> gallons per day BASED ON: <input type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input type="checkbox"/> 2. Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE CONDITION DESIGN <u>3, B, 1, 1</u> at Observation Hole # <u>1</u> Depth <u>17"</u> of Most Limiting Soil Factor <u>FI</u>	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Small--2.0 sq. ft. / gpd <input type="checkbox"/> 2. Medium--2.6 sq. ft. / gpd <input checked="" type="checkbox"/> 3. Medium--Large 3.3 sq. ft. / gpd <input type="checkbox"/> 4. Large--4.1 sq. ft. / gpd <input type="checkbox"/> 5. Extra Large--5.0 sq. ft. / gpd	EFFLUENT/EJECTOR PUMP <input checked="" type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May Be Required <input type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: _____ gallons	<input type="checkbox"/> 3. Section 503.0 (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. _____ d _____ m _____ s Lon. _____ d _____ m _____ s if g.p.s., state margin of error: _____

SITE EVALUATOR STATEMENT
 I certify that on 12/2/06 (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).
Robert S. Farrell SE # 009 Date 12/3/06
 Site Evaluator Signature Site Evaluator Name Printed Telephone Number Email Address
ROBERT S. FARRELL 207-622-3363 arwf@gwi.net

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator. HHE-200 Rev. 4/05

12/4/06 spoke with Brad Hanson about this.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
 Division of Health Engineering
 (207) 287-5672 Fax: (207) 287-3155

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

Augusta

46 Gros Hill Rd.

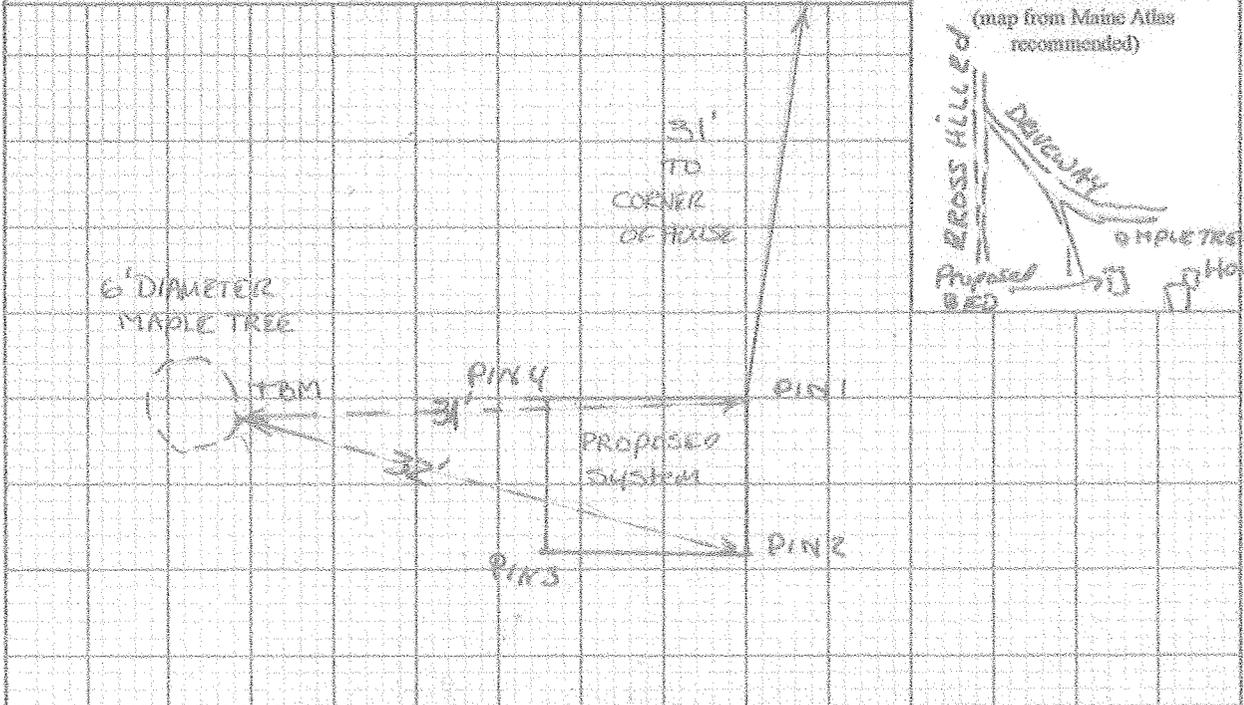
Camden Sherwood

SITE PLAN

Scale 1" = 10 ft. or as shown

SITE LOCATION PLAN

(map from Maine Atlas recommended)



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

Observation Hole Test Pit Boring
 2 grass" Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0 SANDY LOAM	Loose	DARK BROWN	
10 GRAVELLY SAND LOAM	Loose	grayish gray	
20 SILTY LOESS	firm	Light Gray	mottling ↓
30	stiff		
40			
50			

Soil Classification 3 B	Slope 5%	Limiting Factor 17"	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile Condition			

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

Texture	Consistency	Color	Mottling
0			
10			
20			
30			
40			
50			

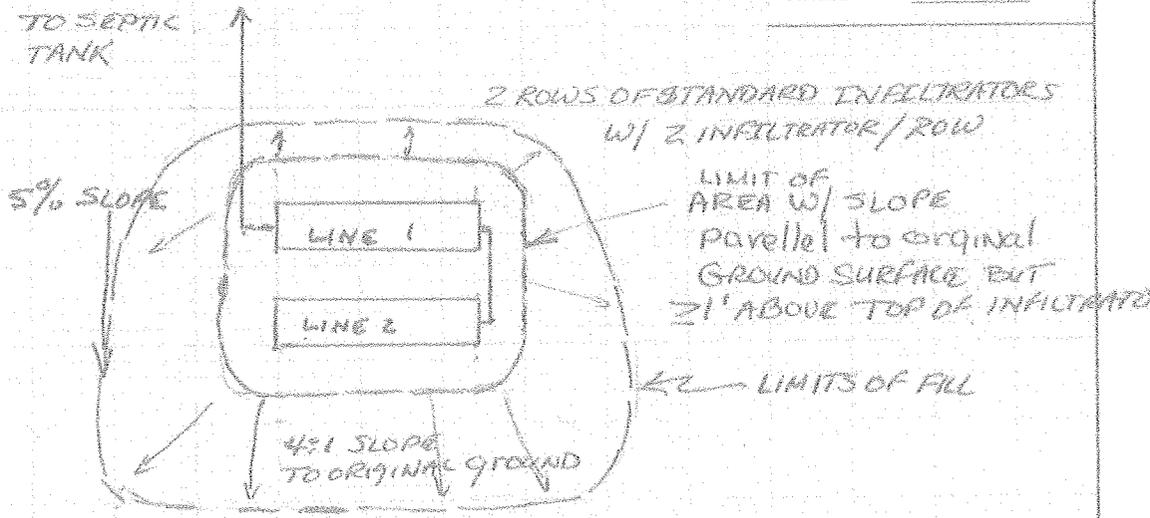
Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile Condition	%	"	

Robert J. Farrell
 Site Evaluator Signature

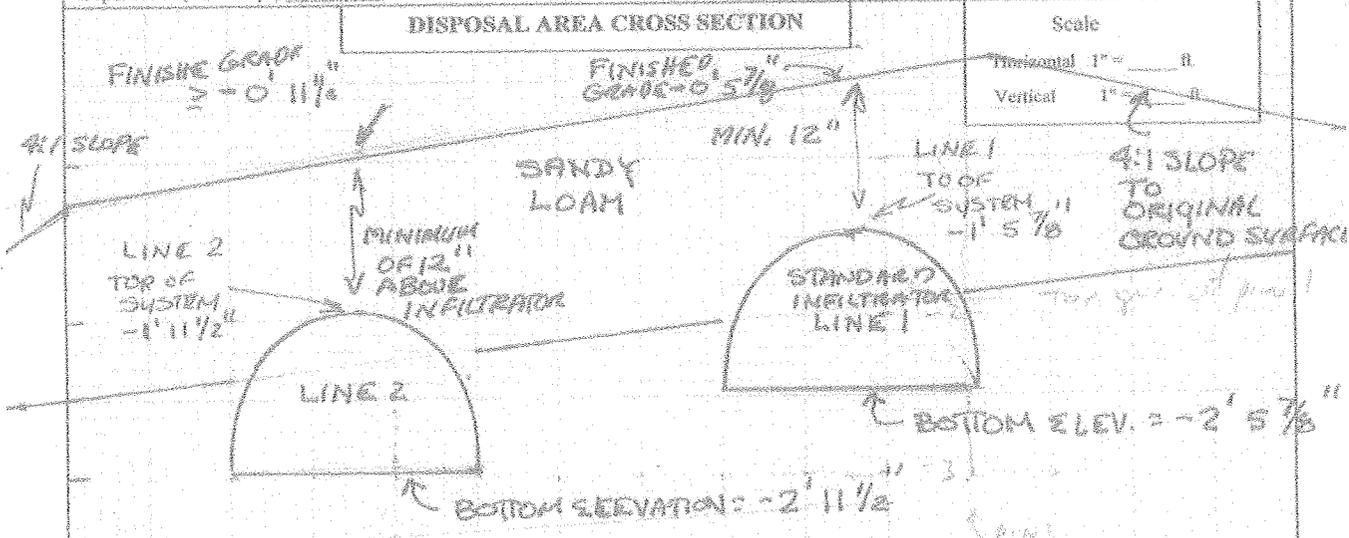
009
 SE #

12/3/06
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION		Department of Human Services Division of Health Engineering (207) 287-5672 Fax: (207) 287-3165
Town, City, Plantation Augusta	Street, Road, Subdivision 46 Cross Hill Road	Owner's Name Camden Sherwood
SUBSURFACE WASTEWATER DISPOSAL PLAN		SCALE: 1" = 10 FT.



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope) 1'6"	Finished Grade Elevation	AS SHOWN	Location & Description: 6" DIAMETER MAPLE NAIL at BASE
Depth of Fill (Downslope) 1'6"	Top of Distribution Pipe or Proprietary Device	AS SHOWN	Reference Elevation: 0.0 0
	Bottom of Disposal Area	AS SHOWN	



<i>Robert Daniel</i> Site Evaluator Signature	009 SE #	12/3/06 Date	Page 3 of 74 HHE-200 Rev. 8/01
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NOTES

- 1) The system has 2 rows of standard infiltrators with 2 infiltrators in each row attached in series.
- 2) Each row of infiltrators will have a splash plate at the entrance and an end plate at the end of the second row.
- 3) Remove the vegetation, scarify the original soil under the infiltrators, and fill extension areas. The surface of the mineral soil under the proposed system will be lined with a geotechnical fabric (6 oz/square yard) below the infiltrators. The sheets of fabric will be sufficiently overlapped so that separation does not occur during construction (this is usually a minimum of 6 inches of overlap on firm soil and will be larger on soft soils).
- 4) The bottom of infiltrators is to be level with a maximum grade tolerance of 1" per 100'.
- 5) Provide for surface drainage away from infiltrator area.
- 6) Fill around and above the infiltrators shall be sandy loam with no stones larger than 3" diameter.
- 7) The fill between the infiltrators is to be compacted by hand and is called "walk-in fill".
- 8) The top of the infiltrators will be covered with a filter fabric (4 oz/square yard).
- 9) The surface of the completed system will have a slope of 5% that extends at least 3 feet beyond the edge of the infiltrators.
- 10) The 4:1 slope fill extension will extend until it intersects the original ground surface.
- 11) Finished grade shall be seeded and mulched to prevent erosion.


Site Evaluator's Signature

008
SE #

12/3/06
Date