

Town Copy

Department of Health and Human Services  
Maine Center for Disease Control and Prevention  
286 Water Street  
# 11 State House Station  
Augusta, Maine 04333-0011  
Tel: (207) 287-5672  
Fax: (207) 287-4172; TTY: 1-800-606-0215

### SUBSURFACE WASTEWATER DISPOSAL SYSTEM VARIANCE REQUEST

This form must accompany an application (HHE-200 Form) for any subsurface wastewater disposal system which requires a variance to provisions of the Subsurface Wastewater Disposal Rules. The Local Plumbing Inspector must not issue a permit for the installation of a subsurface wastewater disposal system requiring a variance from the Department of Health and Human Services until approval has been received from the Department.

**GENERAL INFORMATION** Town of Augusta, Maine

Property Owner's Name: Timothy A. & Victoria F. Ramsay Tel. No.: 207-485-5239

System's Location: 199 Pequoit Lake Road, Augusta, Maine

Property Owner's Address: 121 Dresden Ave., Gardiner, Maine Zip Code 04345

e-mail address: Tim.ramsay@myfairpoint.net

The subsurface wastewater disposal system design for the subject property requires a  replacement system variance  first time system variance to the Subsurface Wastewater Disposal Rules. This variance requires  local approval  local and state approval.

**SPECIFIC VARIANCE REQUESTED** (To be filled in by Site Evaluator. Use additional sheets if needed.)

1. Table 8A Disposal Field Setback from Wetland attached SECTION OF RULE 8K

To Major Water Course Variance from 100 feet

down to 58 feet (Tank 100 feet to 80 feet)

**SITE EVALUATOR**

When a property is found to be unsuitable for subsurface wastewater disposal by a licensed Site Evaluator, the Evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a variance to the Rules, and the Evaluator in his professional opinion feels the variance request is justified and the site limitations can be overcome, he shall document the soil and site conditions on the Application. The Evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The Evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department. Attach a separate sheet if necessary.

Siting of Disposal Field @ 100 feet from open water results in 58 foot setback from wetland

I, Andrew Dunbar, SE#302, S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, the proposed system design on the attached Application is the best alternative available; enhances the potential of the site for subsurface wastewater disposal; and that the system should function properly.

Andrew Dunbar SIGNATURE OF SITE EVALUATOR May 16, 2012 DATE

**PROPERTY OWNER**

I, Timothy A. Ramsay, am the  owner  agent for the owner of the subject property. I understand that the installation on the Application is not in total compliance with the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

T-A Ramsay SIGNATURE OF OWNER 7-10-12 DATE

SIGNATURE OF OWNER  
 AGENT FOR THE OWNER

**LOCAL PLUMBING INSPECTOR - Approval at local level**

The local plumbing inspector shall review all variance requests prior to rendering a decision.  
 I, Gary R. Fulk, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (  does  does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (  do  do not) approve the requested variance. I (  will  will not) issue a permit for the system's installation as proposed by the application.

Gary R. Fulk LPI Signature 7/10/12 Date

**LOCAL PLUMBING INSPECTOR - Referral to the Department**

The local plumbing inspector shall review all variance requests prior to forwarding to the Division of Environmental Health.  
 I, \_\_\_\_\_, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (  does  does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (  do  do not) recommend the issuance of a permit for the system's installation as proposed by the application.

\_\_\_\_\_  
 LPI Signature Date

**FOR USE BY THE DEPARTMENT ONLY**

The Department has reviewed the variance(s) and (  does  does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

\_\_\_\_\_  
 SIGNATURE OF THE DEPARTMENT DATE

- Notes: 1. Variances for soil conditions may be approved at the local level as long as the total point assessment is at least the minimum allowed. (See Section 7.B.4 of the Subsurface Wastewater Disposal Rules for Municipal Review.)  
 2. Variances for other than soil conditions or soil conditions beyond the limit of the LPI's authority are to be submitted to the Department for review. (See Section 7.B.3 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.

**SOIL, SITE AND ENGINEERING FACTORS FOR FIRST TIME SYSTEM VARIANCE ASSESSMENT WITH LIMITING SOIL DRAINAGE CONDITIONS (SEE TABLES 7C THROUGH 7M).**

	CHARACTERISTIC	POINT ASSESSMENT
Soil Profile		
Depth to Groundwater/Restrictive Layer		
Terrain		
Size of Property		
Waterbody Setback		
Water Supply		
Type of Development		
Disposal Area Adjustment		
Vertical Separation Distance		
Additional Treatment		
<b>TOTAL POINT ASSESSMENT:</b>		

Minimum Points (Check One):  Outside Shoreland Zone-50  Inside Shoreland Zone-65  Subdivision-65

**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**

Maine Dept. Health & Human Services  
Div of Environmental Health - 11 SHS  
4172

**PROPERTY LOCATION**

City, Town, or Plantation: Augusta, Maine

Street or Road: 199 Pegvoit Lake Rd

Subdivision, Lot #: ---

1500  
AUGUSTA PERMIT #6691 TOWN COPY  
Date/Permit Issued: 1/1 \$ 250.00 fee  
Wayne R. York LPI # 850  
Municipal Tax Map # 4 Lot # 150

**OWNER/APPLICANT INFORMATION**

Name (last, first, MI): Ramsay, Timothy A. Victoria  Owner  Applicant

Mailing Address of Owner/Applicant: 121 Dresden Ave Gardiner, Maine 04845

Daytime Tel. #: 207-485-5239

**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.

T. A. Ramsay 7-10-12  
Signature of Owner of 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.

Wayne R. York 7/30/12  
Local Plumbing Inspector Signature (1st) date approved  
8/1/12  
(2nd) date approved

**PERMIT INFORMATION**

**TYPE OF APPLICATION**

1. First Time System  
 2. Replacement System  
Type replaced: Cesspool  
Year installed: Unknown

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 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**

2.05  SQ. FT.  ACRES

**SHORELAND ZONING**

Yes  No

**DISPOSAL SYSTEM TO SERVE**

1. Single Family Dwelling Unit, No. of Bedrooms: 4  
 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 Lake Water

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

**TREATMENT TANK**

1. Concrete  
 a. Regular 3 TBD  
 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: 1188  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**

360 gallons per day  
BASED ON:  
 1. Table 4A (dwelling unit(s))  
 2. Table 4C (other facilities)  
SHOW CALCULATIONS for other facilities

**SOIL DATA & DESIGN CLASS**

PROFILE CONDITION: 31C  
at Observation Hole # 2  
Depth 15"  
of Most Limiting Soil Factor

**DISPOSAL FIELD SIZING**

1. Medium--2.6 sq. ft. / gpd  
 2. Medium--Large 3.3 sq. ft. / 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

3. Section 4G (meter readings)  
ATTACH WATER METER DATA

**LATITUDE AND LONGITUDE**  
at center of disposal area  
Lat. 44 d 20 m 38 s  
Lon. 69 d 38 m 11 s  
if g.p.s., state margin of error: \_\_\_\_\_

**SITE EVALUATOR STATEMENT**

I certify that on May 15, 2012 (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).

Andrew Dunbar 302 May 16, 2012  
Site Evaluator Signature SE # Date

Andrew Dunbar 207-582-7762 adunbar@thepreny.com  
Site Evaluator Name Printed Telephone Number E-mail Address

**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**

Maine Dept. Health & Human Services  
 Division of Environmental Health  
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation

*Augusta*

Street, Road, Subdivision

*199 Pequoit Lake Road*

Owner's Name

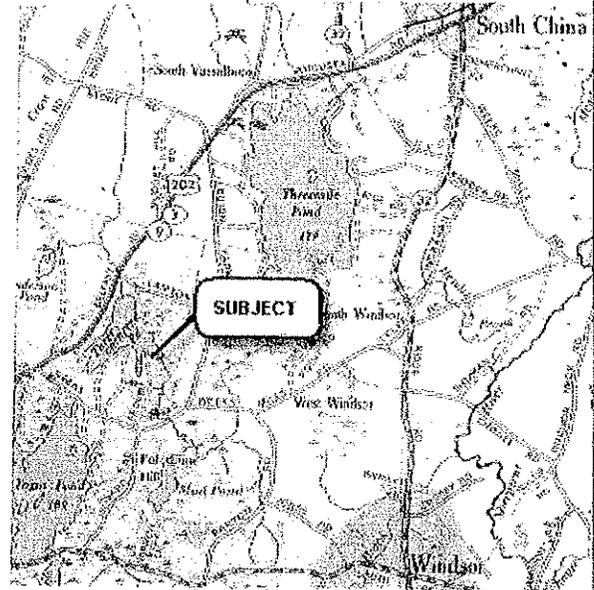
*Ramsay, Timothy A & Victoria F.*

**SITE PLAN**

Scale 1" =      ft. or as shown

**SITE LOCATION PLAN**  
 (map from Maine Atlas recommended)

*SEE  
 ATTACHED  
 SKETCH*



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

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

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0			Dark Brown	NONE
0-10	<i>Fine Sandy Loam</i>	<i>FRIMBLE</i>	<i>Yellowish Brown</i>	
10-20			<i>Brownish Gray</i>	
20-30		<i>FIRM</i>	<i>olive</i>	<i>FEW FAINT</i>
30-40				
40-50	<b>BEDROCK</b>			

Soil Classification <b>3 C</b> Profile Condition	Slope <b>0</b> %	Limiting Factor <b>16"</b>	<input type="checkbox"/> Ground Water <input checked="" type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
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Observation Hole 3  Test Pit  Boring  
1 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0			Dark Brown	NONE
0-10	<i>Fine Sandy Loam</i>	<i>FRIABLE</i>	<i>Yellowish Brown</i>	
10-20			<i>Brownish Gray</i>	
20-30		<i>FIRM</i>	<i>olive</i>	<i>FEW FAINT</i>
30-40				
40-50	<b>BEDROCK</b>			

Soil Classification <b>3 C</b> Profile Condition	Slope <b>0</b> %	Limiting Factor <b>15"</b>	<input type="checkbox"/> Ground Water <input checked="" type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
--	---------------------	-------------------------------	--

*Andrew Lumban* 302

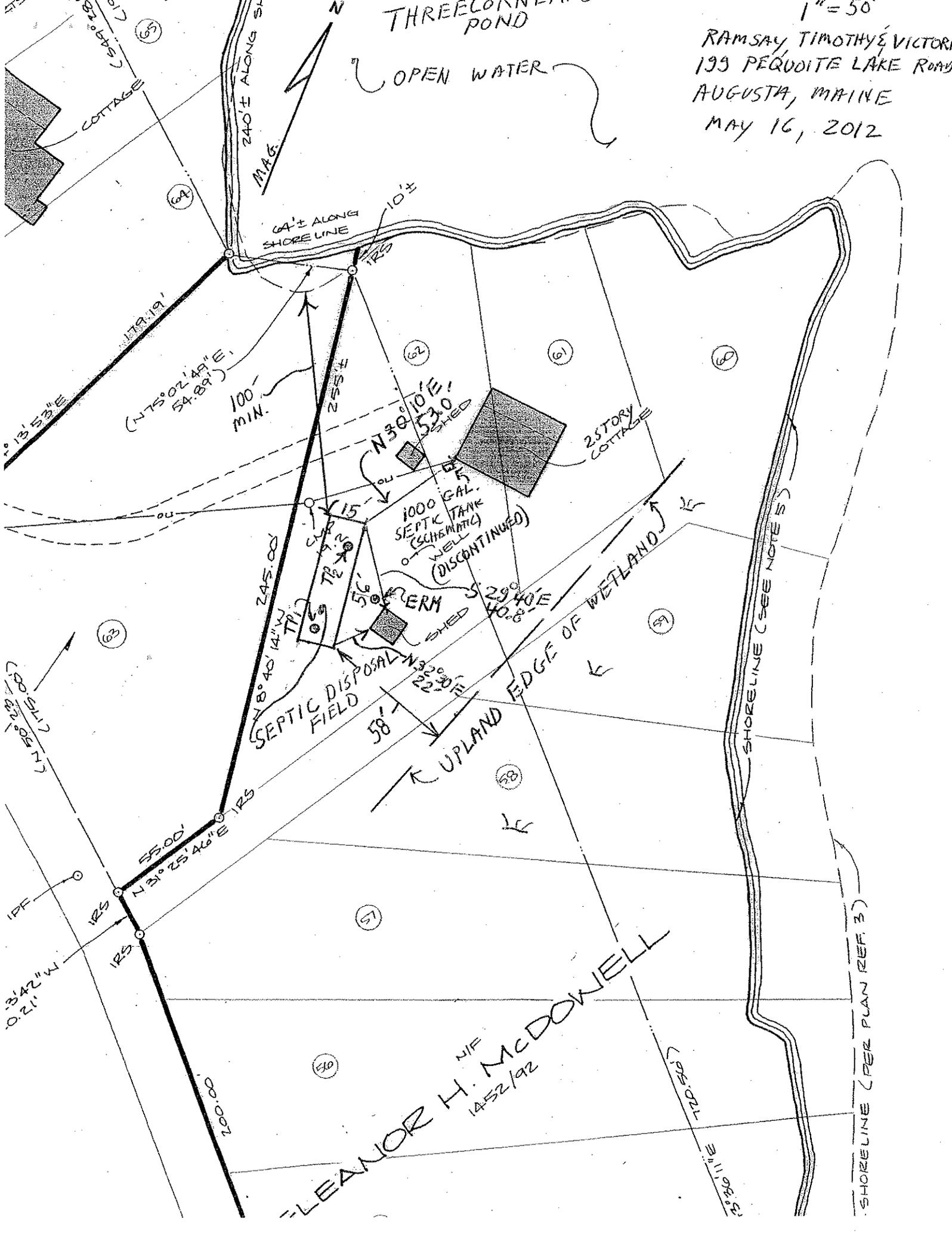
Site Evaluator Signature

SE #

*May 16, 2012*

Date

1" = 50'  
RAMSAY, TIMOTHY & VICTORIA  
199 PEQUOITE LAKE ROAD  
AUGUSTA, MAINE  
MAY 16, 2012



LEONOR H. McDOWELL  
1452/92

SHORELINE (PER PLAN REF. 3)

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Health & Human Services  
 Division of Environmental Health  
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

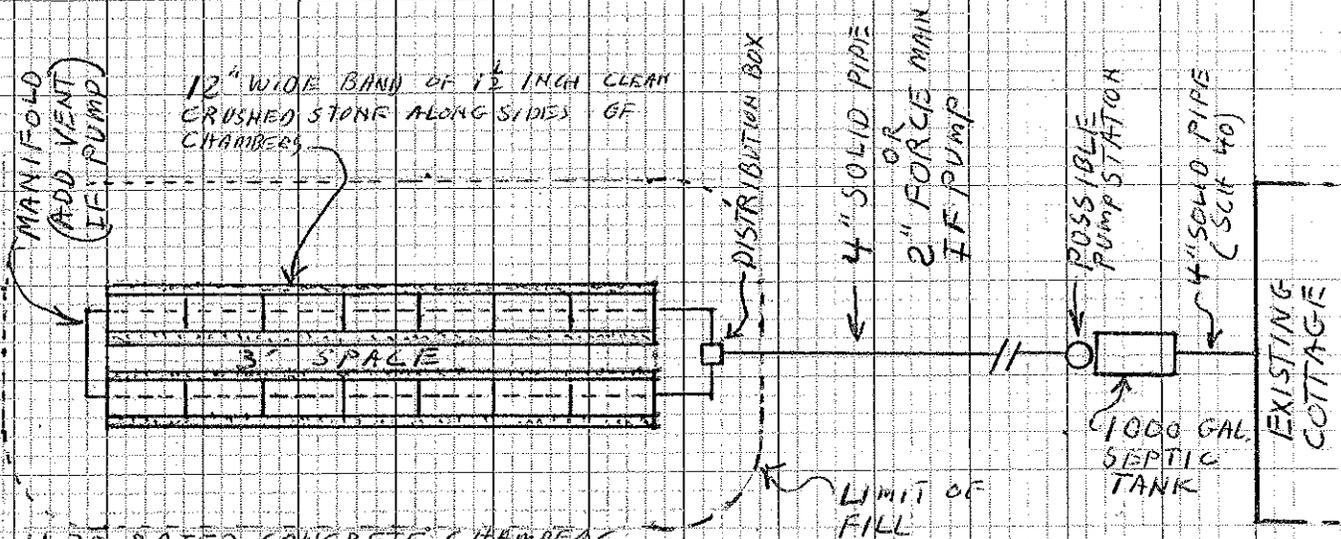
Augusta, Maine

199 Peguonite Lake Road

Ramsay, Timothy A & Victoria F.

## SUBSURFACE WASTEWATER DISPOSAL PLAN

0 [ ]  
 SCALE: 1" = 20 FT.

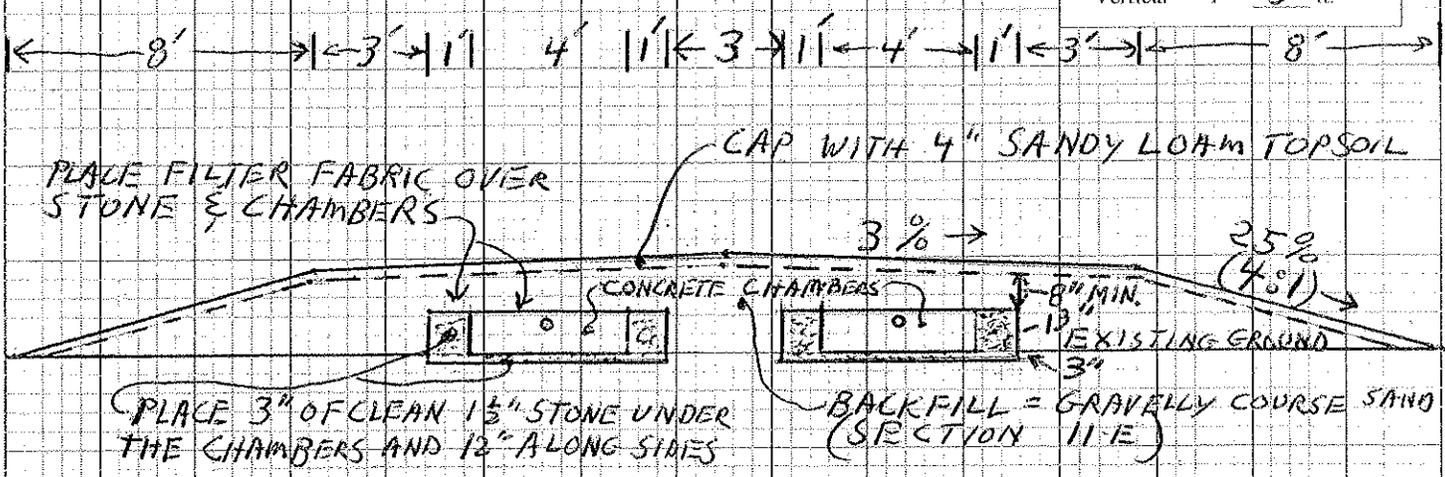


14 H-20 RATED CONCRETE CHAMBERS  
 4' x 8' x 13" IN TRENCHES  
 PROTECT & INSULATE COMPONENTS  
 AS APPROPRIATE

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	25"	Finished Grade Elevation	32"	Location & Description:	60d SPIKE
Depth of Fill (Downslope)	25"	Top of Distribution Pipe or Proprietary Device	16"	In 18" Hemlock #	Above Ground
		Bottom of Disposal Area = Bottom of Stone	0"	Reference Elevation:	69"

### DISPOSAL AREA CROSS SECTION

Scale  
 Horizontal 1" = 5 ft.  
 Vertical 1" = 5 ft.



Andrew Swanson 302  
 Site Evaluator Signature SE #

May 16, 2012  
 Date