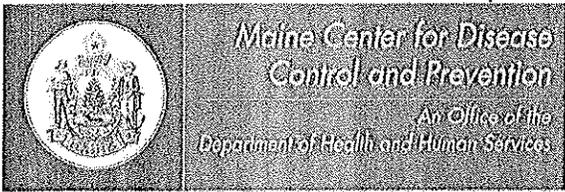


9/7/12



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
Property Owner's Name:	KATHRYN BRANDT	Tel. No.:	485-0195
System's Location:	180 INGRAHAM MOUNTAIN ROAD		
Property Owner's Address:	180 INGRAHAM MTN ROAD, AUGUSTA, ME	Zip Code:	04330
e-mail address:			

The subsurface wastewater disposal system design for this 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)	SECTION OF RULE
1. VARIANCE FOR SOIL CONDITION AII (10 INCHES)	SECTION 4A
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.	
SYSTEM CONSISTS OF SEPTIC TANK, PUMP STATION, AND 20 FT X 60 FT CRUSHED STONE DISPOSAL SYSTEM.	
I, WILLIAM P BROWN 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.	
 SIGNATURE OF SITE EVALUATOR	8/29/2012 DATE

PROPERTY OWNER	
I, KATHRYN BRANDT am the <input checked="" type="checkbox"/> owner <input type="checkbox"/> 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.	
 SIGNATURE OF OWNER AGENT FOR THE OWNER	9/7/12 DATE

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all variance requests prior to rendering a decision.

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) approve the requested variance. I (will will not) issue a permit for the system's installation as proposed by the application.

LPI Signature

Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all variance requests prior to rendering a decision.

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) approve the requested variance. I (will will not) issue 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).

	CHARACTERISTICS	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		
TOTAL POINT ASSESSMENT:		

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

SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept Health & Human Services
Div. of Environmental Health, 11SHS
(207)287-5672 FAX (207)287-3165

PROPERTY LOCATION

Town, Plantation: **AUGUSTA**

Street or Road: **180 INGRAHAM MOUNTAIN ROAD**

Subdivision, Lot #:

OWNER/APPLICANT INFORMATION

Name (last, first, MI): **BRANDT, KATHRYN** Owner Applicant

Mailing Address of Owner/Applicant: **180 INGRAHAM MTN ROAD
AUGUSTA, ME 04330**

Daytime Tel. #: **207/485-0195**

\$250 - fee
\$15 - state fee

AUGUSTA PERMIT #66112

Date Permit Issued: **9/7/12** \$ **265** fee

TOWN COPY

LPI # **1137**

Municipal Tax Map # **4** Lot # **95A**

OWNER OR APPLICANT STATEMENT

I state 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] **9/7/12**
Signature of Owner/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.

[Signature] **10/13/12**
Local Plumbing Inspector Signature (1st) Date Approved

11/15/12
(2nd) Date Approved

PERMIT INFORMATION

<p>TYPE OF APPLICATION</p> <p><input type="checkbox"/> 1. First Time System</p> <p><input checked="" type="checkbox"/> 2. Replacement System Type replaced PLASTIC CHAMB. Year installed 1980'S</p> <p><input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. <25% Expansion <input type="checkbox"/> b. >25% Expansion</p> <p><input type="checkbox"/> 4. Experimental System</p> <p><input type="checkbox"/> 5. Seasonal Conversion</p>	<p>THIS APPLICATION REQUIRES</p> <p><input type="checkbox"/> 1. No Rule Variance</p> <p><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</p> <p><input checked="" type="checkbox"/> 3. Replacement System Variance <input checked="" type="checkbox"/> a. Local Plumbing Inspector approval <input type="checkbox"/> b. State & Local Plumbing Inspector approval</p> <p><input type="checkbox"/> 4. Minimum Lot Size Variance</p> <p><input type="checkbox"/> 5. Seasonal Conversion Permit</p>	<p>DISPOSAL SYSTEM COMPONENTS</p> <p><input type="checkbox"/> 1. Complete Non-engineered System</p> <p><input type="checkbox"/> 2. Primitive System (graywater & alt. toilet)</p> <p><input type="checkbox"/> 3. Alternative Toilet, specify _____</p> <p><input type="checkbox"/> 4. Non-Engineered Treatment Tank (only)</p> <p><input type="checkbox"/> 5. Holding Tank, _____ gallons</p> <p><input checked="" type="checkbox"/> 6. Non-engineered Disposal Field (only)</p> <p><input type="checkbox"/> 7. Separated Laundry System</p> <p><input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more)</p> <p><input type="checkbox"/> 9. Engineered Treatment Tank (only)</p> <p><input type="checkbox"/> 10. Engineered Disposal Field (only)</p> <p><input type="checkbox"/> 11. Pretreatment, specify: _____</p> <p><input checked="" type="checkbox"/> 12. Miscellaneous Components</p>
<p>SIZE OF PROPERTY</p> <p>17 <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES</p>	<p>DISPOSAL SYSTEM TO SERVE:</p> <p><input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 4</p> <p><input type="checkbox"/> 2. Multiple Family Dwelling Unit, No. of Units: _____</p> <p><input type="checkbox"/> 3. Other _____ (specify)</p> <p>Current Use <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped</p>	<p>TYPE OF WATER SUPPLY</p> <p><input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private</p> <p><input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other</p>
<p>SHORELAND ZONING</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p>TREATMENT TANK</p> <p><input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile</p> <p><input type="checkbox"/> 2. Plastic</p> <p><input type="checkbox"/> 3. Other EXISTING</p> <p>CAPACITY 1000 GAL.</p>	<p>DISPOSAL FIELD TYPE & SIZE</p> <p><input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench</p> <p><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</p> <p><input type="checkbox"/> 4. Other _____</p> <p>SIZE 1200 <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.</p>	<p>GARBAGE DISPOSAL UNIT</p> <p><input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe</p> <p>If Yes or Maybe, specify one below:</p> <p><input type="checkbox"/> a. multi-compartment tank</p> <p><input type="checkbox"/> b. _____ tanks in series</p> <p><input type="checkbox"/> c. increase in tank capacity</p> <p><input type="checkbox"/> d. Filter on Tank Outlet</p>	<p>DESIGN FLOW</p> <p>360 gallons per day</p> <p>BASED ON:</p> <p><input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s))</p> <p><input type="checkbox"/> 2. Table 4C (other facilities)</p> <p>SHOW CALCULATIONS for other facilities</p>
<p>SOIL DATA & DESIGN CLASS</p> <p>PROFILE CONDITION 3 / All</p> <p>at Observation Hole # TP-1</p> <p>Depth 10 "</p> <p>of Most Limiting Soil Factor</p>	<p>DISPOSAL FIELD SIZING</p> <p><input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd</p> <p><input checked="" type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd</p> <p><input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd</p> <p><input type="checkbox"/> 4. Extra-Large - 5.0 sq. ft./gpd</p>	<p>EFFLUENT/EJECTOR PUMP</p> <p><input type="checkbox"/> 1. Not Required</p> <p><input type="checkbox"/> 2. May Be Required</p> <p><input checked="" type="checkbox"/> 3. Required</p> <p>Specify only for engineered systems</p> <p>DOSE _____ gallons</p>	<p><input type="checkbox"/> 3. Section 4G (meter readings)</p> <p>ATTACH WATER METER DATA</p> <p>LATITUDE AND LONGITUDE at center of disposal area</p> <p>Lat. 44 d 21 m 21 s</p> <p>Lon. 69 d 39 m 31 s</p> <p>if gps, state margin of error: 30 ft.</p>

SITE EVALUATOR'S STATEMENT

I certify that on **8/29/12** (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).

[Signature] **188** **8/29/2012**
Site Evaluator Signature SE# Date

WILLIAM P BROWN **293-2110**
Site Evaluator Name Printed Telephone Number

E-mail Address

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5872 FAX 207 287-4165

Town, City, Plantation

AUGUSTA

Street, Road, Subdivision

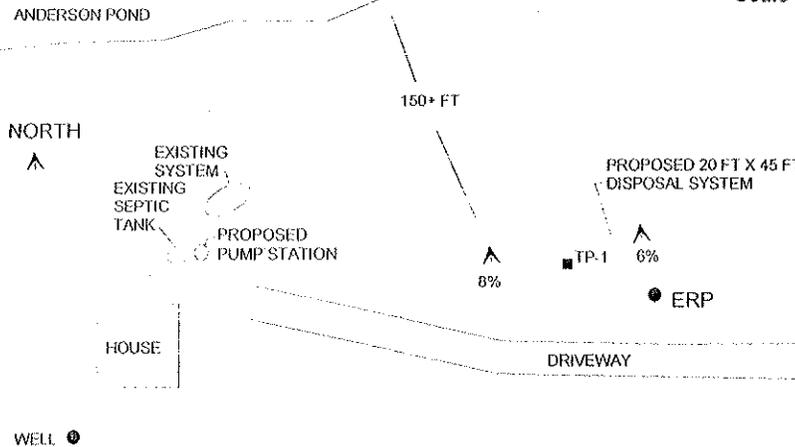
180 INGRAHAM MOUNTAIN ROAD

Owner or Applicant Name

KATHRYN BRANDT

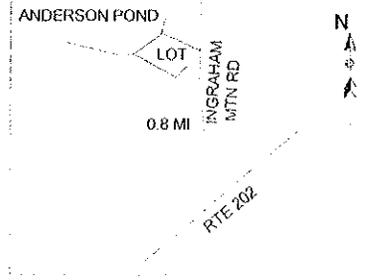
SITE PLAN

Scale 1" = 100 Ft.



SITE LOCATION PLAN

(Attach map from Maine Atlas for First Time System Variance)



ERP TO TP-1 = 40'

THE PROPOSAL IS TO KEEP THE EXISTING SEPTIC TANK IN SERVICE, INSTALL A 3 FOOT DIAMETER PUMP STATION, 2 INCH DIAMETER FORCE MAIN, AND A 20 FT BY 60 FT CRUSHED STONE DISPOSAL SYSTEM. A "POLY-LOC" EFFLUENT FILTER WILL BE INSTALLED IN THE SEPTIC TANK.

THE WELL IS AT LEAST 100 FT FROM THE DISPOSAL SYSTEM. THE DISPOSAL SYSTEM IS OVER 150 FT FROM THE POND..

SOIL PROFILE DESCRIPTION AND CLASSIFICATION

Observation Hole #	TP-1	Test Pit	Boring
0"	Depth of organic horizon above mineral soil		
Texture	Consistency	Color	Mottling
SANDY LOAM	FRIABLE	DARK YELLOWISH BROWN	NONE
10"	REFUSAL		
50"	Soil Profile	Classification Condition	Slope Percent
	3	All	6-8 %
			Limiting Factor Depth
			10"
			Groundwater Restrictive Layer Bedrock

(Location of Observation Holes Shown Above)

Observation Hole #	Test Pit	Boring
"	Depth of organic horizon above mineral soil	
Texture	Consistency	Color
10"		
20"		
30"		
40"		
50"	Soil Profile	Classification Condition
		Slope Percent
		Limiting Factor Depth
		"
		Groundwater Restrictive Layer Bedrock

WILLIAM P BROWN

Site Evaluator Signature

188 SE #

8/29/2012 Date

Page 2 of 3
 HHE-200 Rev. 10/02

