

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

PROPERTY ADDRESS	
Town Or Plantation	AUGUSTA
Street / division Lot #	CHURCH HILL RD
PROPERTY OWNERS NAME	
SPORTSMAN ALLIANCE OF MAINE	
Last:	First:
Applicant Name:	
Mailing Address of Owner/Applicant (If Different)	MICHAEL A. LEE PRES. PO. BOX 2783 AUGUSTA ME 04338

AUGUSTA PERMIT # 1,670 TOWN COPY

Date Permit Issued: 10/30/89 \$ 140.00 FEE Charged Double Fee Charged

Local Plumbing Inspector Signature: [Signature] L.P.I. # 808

Owner/Applicant Statement
I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

[Signature] 6/14/89
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.

[Signature] 10-30-89
Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

<p>THIS APPLICATION IS FOR:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> NEW SYSTEM <input type="checkbox"/> REPLACEMENT SYSTEM <input type="checkbox"/> EXPANDED SYSTEM <input type="checkbox"/> EXPERIMENTAL SYSTEM <p>SEASONAL CONVERSION to be completed by the LPI</p> <ol style="list-style-type: none"> <input type="checkbox"/> SYSTEM COMPLIES WITH RULES <input type="checkbox"/> CONNECTED TO SANITARY SEWER <input type="checkbox"/> SYSTEM INSTALLED - P# _____ <input type="checkbox"/> SYSTEM DESIGN RECORDED AND ATTACHED <p>IF REPLACEMENT SYSTEM: YEAR FAILING SYSTEM INSTALLED _____ THE FAILING SYSTEM IS:</p> <ol style="list-style-type: none"> <input type="checkbox"/> BED <input type="checkbox"/> CHAMBER <input type="checkbox"/> TRENCH <input type="checkbox"/> OTHER: _____ <p>SIZE OF PROPERTY: <u>1 1/2</u> ACRE ZONING: <u>RESI. / COMM.</u></p>	<p>THIS APPLICATION REQUIRES:</p> <ol style="list-style-type: none"> <input type="checkbox"/> NO RULE VARIANCE <input checked="" type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form <input type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form <input type="checkbox"/> MINIMUM LOT SIZE VARIANCE <p>DISPOSAL SYSTEM TO SERVE:</p> <ol style="list-style-type: none"> <input type="checkbox"/> SINGLE FAMILY DWELLING <input type="checkbox"/> MODULAR OR MOBILE HOME <input type="checkbox"/> MULTIPLE FAMILY DWELLING <input checked="" type="checkbox"/> OTHER <u>OFFICE</u> SPECIFY _____ 	<p>INSTALLATION IS:</p> <p>COMPLETE SYSTEM</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> NON-ENGINEERED SYSTEM <input type="checkbox"/> PRIMITIVE SYSTEM (Includes Alternative Toilet) <input type="checkbox"/> ENGINEERED (+ 2000 gpd) <p>INDIVIDUALLY INSTALLED COMPONENTS:</p> <ol style="list-style-type: none"> <input type="checkbox"/> TREATMENT TANK (ONLY) <input type="checkbox"/> HOLDING TANK _____ GAL <input type="checkbox"/> ALTERNATIVE TOILET (ONLY) <input type="checkbox"/> NON-ENGINEERED DISPOSAL AREA (ONLY) <input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY) <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM <p>TYPE OF WATER SUPPLY <u>PROPOSED DRILLED WELL</u></p>
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DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p>TREATMENT TANK</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> SEPTIC: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Low Profile <input type="checkbox"/> AEROBIC <p>SIZE: <u>750 OR 1000</u> GALS.</p>	<p>WATER CONSERVATION</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> NONE <input type="checkbox"/> LOW VOLUME TOILET <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM <input type="checkbox"/> ALTERNATIVE TOILET <p>SPECIFY: _____</p>	<p>PUMPING</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> NOT REQUIRED <input type="checkbox"/> MAY BE REQUIRED (DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION) <input type="checkbox"/> REQUIRED <p>DOSE: _____ GALS.</p>	<p>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)</p> <p>OFFICE:</p> <p>3 FULL TIME EMPLOYEES 3 x 15 = 45 GPD</p> <p>10 (AVE.) AT MONTHLY CLUB MEETING 10 x 5.5 = 55 GPD</p> <p>45 + 55 =</p> <p>DESIGN FLOW: <u>100</u> (GALLONS/DAY)</p>				
<p>SOIL CONDITIONS USED FOR DESIGN PURPOSES</p> <table style="width: 100%;"> <tr> <th>PROFILE</th> <th>CONDITION</th> </tr> <tr> <td style="text-align: center;"><u>9</u></td> <td style="text-align: center;"><u>D</u></td> </tr> </table> <p>DEPTH TO LIMITING FACTOR: <u>11.</u></p>	PROFILE	CONDITION	<u>9</u>	<u>D</u>	<p>SIZE RATINGS USED FOR DESIGN PURPOSES</p> <ol style="list-style-type: none"> <input type="checkbox"/> SMALL <input type="checkbox"/> MEDIUM <input type="checkbox"/> MEDIUM-LARGE <input type="checkbox"/> LARGE <input checked="" type="checkbox"/> EXTRA LARGE (+ 66%) 	<p>DISPOSAL AREA TYPE/SIZE</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> BED <u>900</u> Sq. Ft. <input type="checkbox"/> CHAMBER _____ Sq. Ft. <input type="checkbox"/> REGULAR <input type="checkbox"/> H-20 <input type="checkbox"/> TRENCH _____ Linear Ft. <input type="checkbox"/> OTHER: _____ 	
PROFILE	CONDITION						
<u>9</u>	<u>D</u>						

SITE EVALUATOR STATEMENT

On MAY 26, 1989 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

[Signature] 192 JUNE 10, 1989
Site Evaluator Signature SE# Date

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

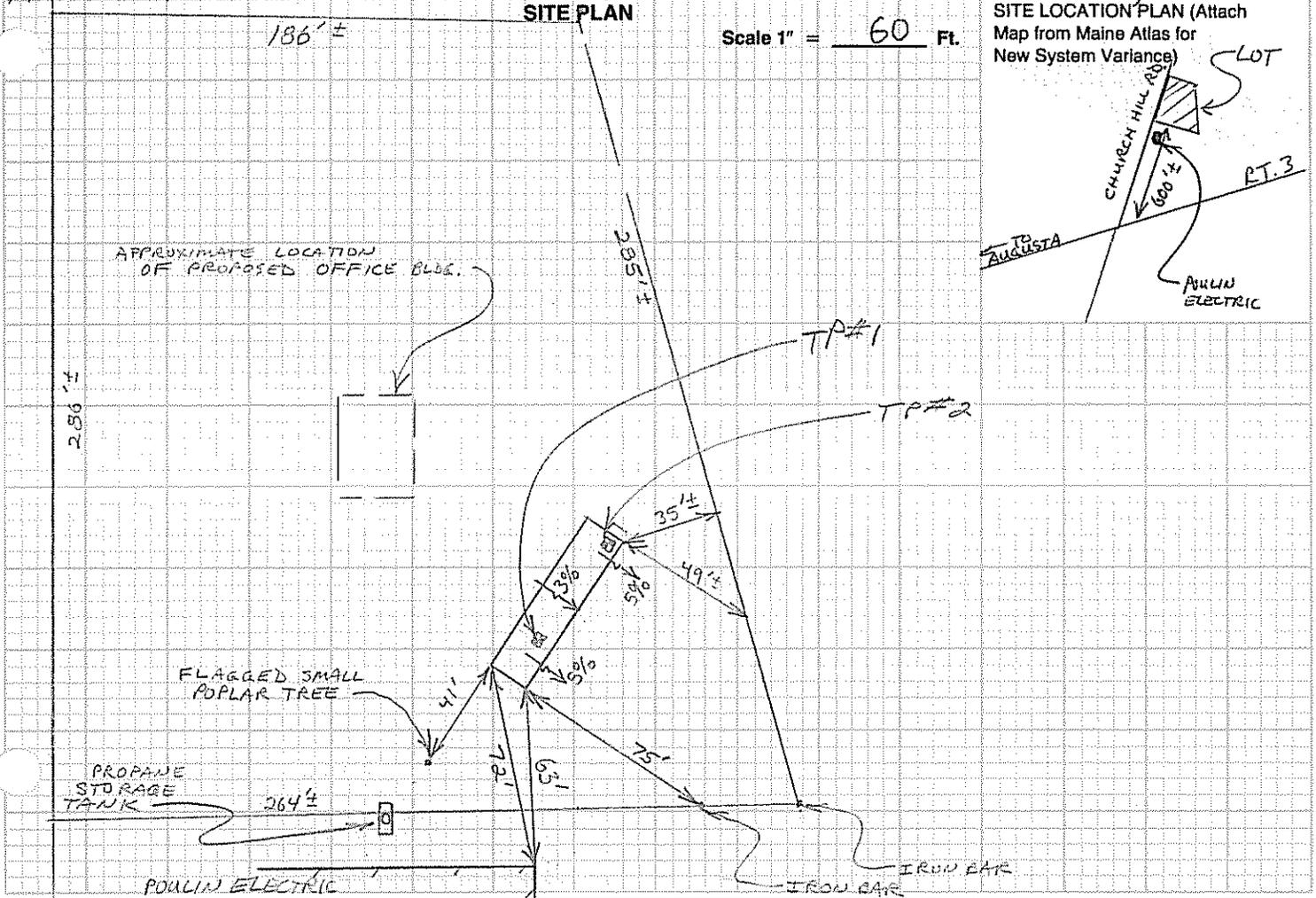
Street, Road, Subdivision

Owners Name
SPORTSMAN ALLIANCE OF MAINE
MICHAEL A. LEE, PRES.

AUGUSTA

CHURCH HILL RD.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)



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

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

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	SILT	FRIABLE	DARK BROWN	
6			BROWN	
10				FEW
15			GRAY-BROWN	COMMON
20		FIRM	GRAY	"DISTINCT"
25		VERY FIRM	DARK GRAY BROWN	
30	SILTY CLAY			
40				
50				

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

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	SILT	FRIABLE	DARK BROWN	
6			BROWN	
10				FEW
15			GRAY BROWN	COMMON
20		FIRM	GRAY	"DISTINCT"
25		VERY FIRM	DARK GRAY BROWN	
30	SILTY CLAY			
40				
50				

Soil Profile <u>9</u>	Classification <u>D</u> Condition	Slope <u>5</u> %	Limiting Factor <u>11</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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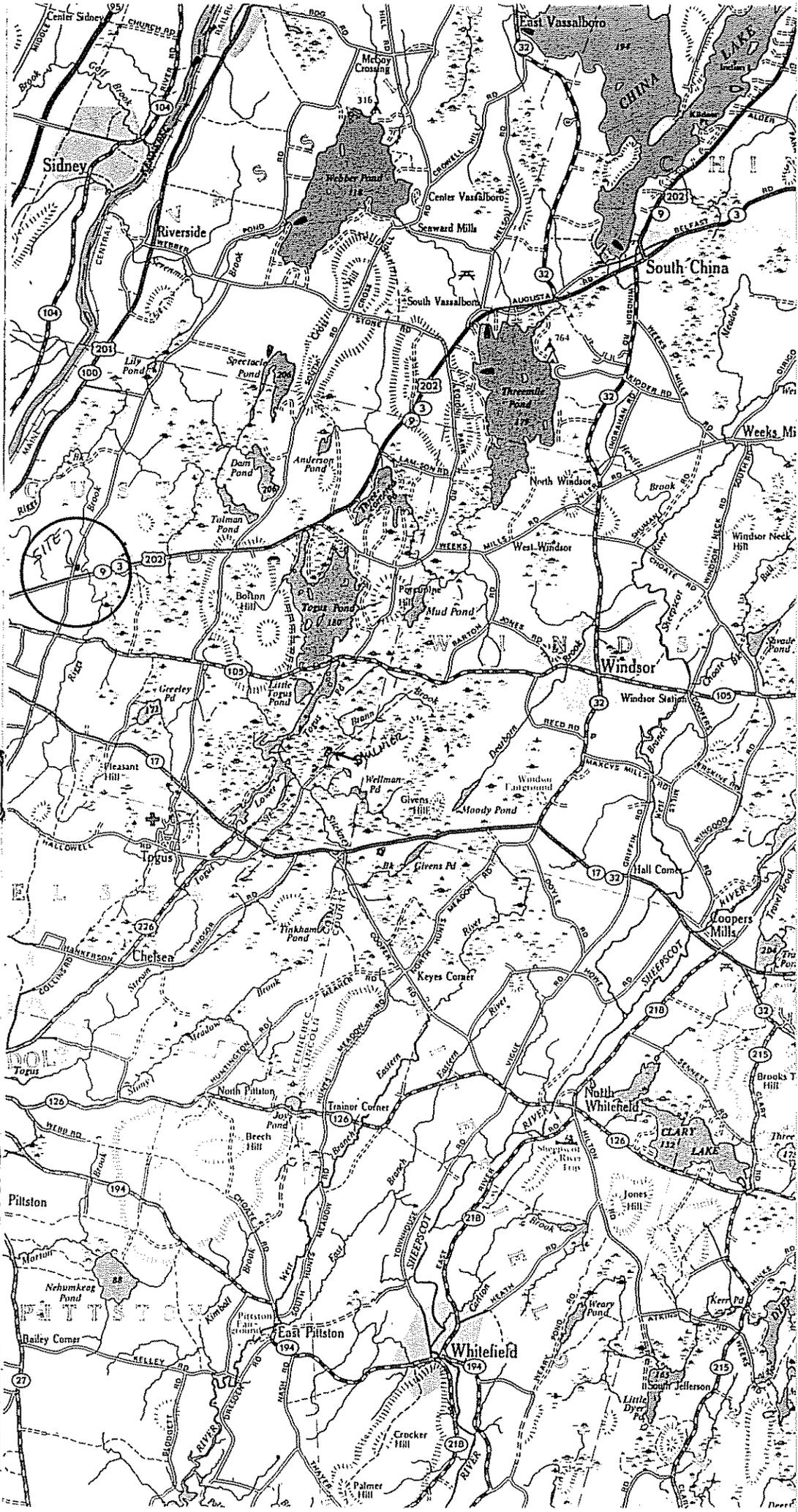
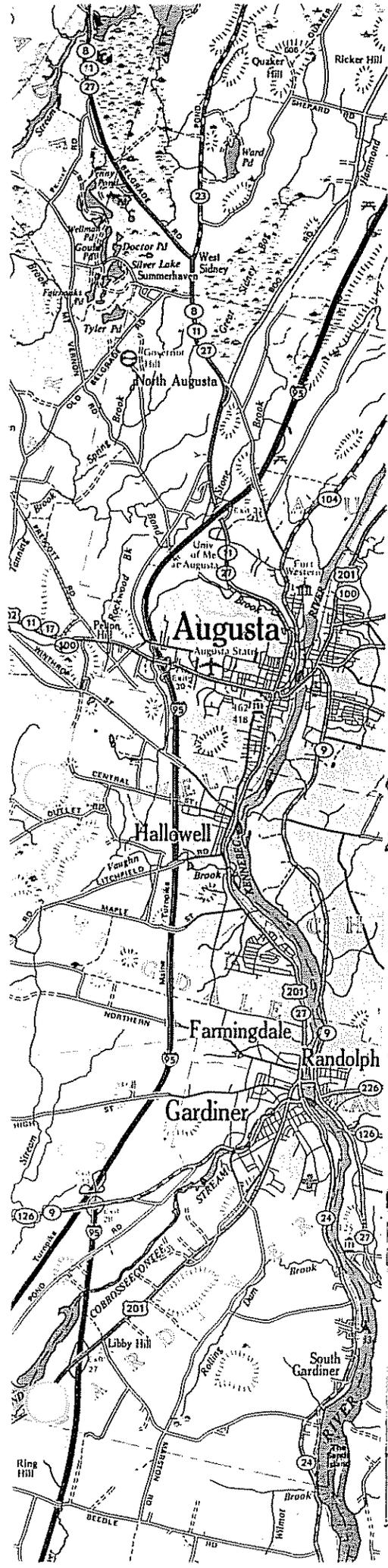
Soil Profile <u>9</u>	Classification <u>D</u> Condition	Slope <u>5</u> %	Limiting Factor <u>11</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Wu Aldrich
Site Evaluator Signature

192

SE#

JUNE 10, 1989
Date



NEW SYSTEM VARIANCE REQUEST

This form shall accompany an Application for a proposed new system which requires a Variance to certain provisions of the Subsurface Wastewater Disposal Rules. A check or money order for \$20.00 payable to the Treasurer of the State shall accompany this request form.

The local plumbing inspector shall not issue a Permit for the installation of a subsurface wastewater disposal system until approval has been received from the Department.

GENERAL INFORMATION

Town of AUGUSTA

Property Owner's Name: SPORTSMAN ALLIANCE OF MAINE

System's Location: CHURCH HILL RD.

Property Owner's Address: P.O. BOX 2783
(If different from above) AUGUSTA, ME 04338

VARIANCE CONDITIONS

The Department has the authority to vary the requirements of the Rules in accordance with CMR 241.16 of the Rules if all the following criteria are satisfied:

- a. The variance request has the approval of the LPI.
- b. The Municipal Officials have indicated that the variance does not conflict with any local wastewater disposal ordinances.
- c. The variance request demonstrates that there is no practical alternative for wastewater disposal, such as access to public sewer or the potential for an easement.
- d. The proposed system does not conflict with any provision controlling subsurface wastewater disposal in the Shoreland Zone.
- e. The site offers potential for a system which will dispose of the wastewater with minimal threat to public health, safety, or welfare.
- f. The property owner has indicated an awareness of the variance and any limitations or added costs the proposed system may require.

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator)

SECTION OF CODE

1. ORIGINAL SOIL WITH 11 INCHES TO GROUNDWATER SEC. 6.B.3.a
2. _____
3. _____

IF VARIANCE REQUEST IS FOR SEC. 6.B.3 SUITABLE SOIL CONDITIONS, FILL IN TABLE BELOW.

SOIL, SITE AND ENGINEERING FACTORS FOR ASSESSING NEW SYSTEM VARIANCE POTENTIAL

(SEE TABLE 16-1)

	CHARACTERISTIC	POINT ASSESSMENT
Soil Profile	9	10
Depth to Groundwater	11"	6
Size of Property	1 1/2 ACRE	2
Terrain	SIDE SLOPE	3
Waterbody Setback	> 250'	5
Water Supply	PROPOSED DRILLED WELL	3
Type of Development	COMMERCIAL 100 GPD*	5
Design Flow	MINIMUM + 80%	10 +
Separation Distance	MINIMUM + 100%	10
Additional Treatment	NONE	-
TOTAL POINT ASSESSMENT		54

* ONCE PER MONTH
PEAK FLOW. DAILY
FLOW DURING OFFICE
USE IS 45 GPD.

LOCAL PLUMBING INSPECTOR

The local plumbing inspector shall review all New System Variance requests prior to submission to the Division of Health Engineering. The LPI shall inform the Division of Health Engineering of any factors relative to the variance request not specifically noted by the property owner or the site evaluator.

The proposed system (does does not) conflict with any provision controlling subsurface wastewater disposal systems in the Shoreland Zone.

CONCLUSIONS: I, _____, the undersigned, have visited the above property and find that it is not possible to conform to certain provisions of the Rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property.

Therefore, I recommend the issuance of a permit for the system's installation as proposed by the application.

SIGNATURE OF LPI

DATE

STATEMENTS, JUSTIFICATIONS AND RESPONSIBILITIES

PROPERTY OWNER

The property owner shall provide accurate information to the Site Evaluator, the LPI, and the Department and elaborate below the reasons for requesting the variance(s).

(ATTACH ADDITIONAL SHEETS, IF NEEDED)

I, _____, am the owner prospective owner of the subject property. I understand that the installation on the Application is not in total compliance with the Rules. I have indicated my reasons for requesting the variance(s). 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
 SIGNATURE OF PROSPECTIVE PURCHASER

DATE

HAS REVIEW FEE BEEN ENCLOSED

SITE EVALUATOR

When an undeveloped 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 requirements of the Rules, and the Evaluator in his professional opinion feels the variance request is justified and that 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.

THE SYSTEM IS TO SERVE AN OFFICE WITH 3 FULL TIME EMPLOYEES. IN ADDITION MONTHLY MEETINGS ARE HELD WITH AN AVERAGE OF 10 PEOPLE. THE SYSTEM IS DESIGNED TO HANDLE THIS ONE PER MONTH PEAK FLOW. TO COMPENSATE FOR THE SOIL CONDITIONS, THE DISPOSAL AREA HAS BEEN INCREASED BY 80% (FROM 500 SQ.FT. TO 900 SQ.FT.) AND A MINIMUM OF 13 INCHES OF FILL IS TO BE ADDED UNDER THE DISPOSAL AREA TO INCREASE THE SEPARATION DISTANCE 100% (TO 24 INCHES). THIS SYSTEM IS OVERSIZED FOR DAILY USE, BUT ONCE A MONTH PEAK USE SHOULD BE TREATED ADEQUATELY.

(ATTACH ADDITIONAL SHEETS, IF NEEDED)

I, WILL ALDRICH, 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 judgement, 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.

Will Aldrich SE #192
SIGNATURE OF SITE EVALUATOR

JUNE 10, 1989
DATE

MUNICIPAL OFFICER(s) (Selectman, Councilman, Alderman, Mayor, Town Manager)

We the municipal Officer(s) of _____ have reviewed this application and are aware that the applicant is applying to the Division of Health Engineering for a variance to the Subsurface Wastewater Disposal Rules because the proposed system does not meet all requirements of the Rules. The proposed variance request does does not comply with all Municipal Ordinances relating to subsurface wastewater disposal.

SIGNATURE FOR THE MUNICIPALITY

TITLE

DATE

STATEMENTS, JUSTIFICATIONS AND RESPONSIBILITIES

PROPERTY OWNER

The property owner shall provide accurate information to the Site Evaluator, the LPI, and the Department and elaborate below the reasons for requesting the variance(s).

(ATTACH ADDITIONAL SHEETS, IF NEEDED)

I, SCOTT D. HALL, am the owner prospective owner of the subject property. I understand that the installation on the Application is not in total compliance with the Rules. I have indicated my reasons for requesting the variance(s). 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.

Scott D. Hall FOR THE SPORTSMAN'S ALLIANCE OF MAINE
 SIGNATURE OF OWNER
 SIGNATURE OF PROSPECTIVE PURCHASER

6/16/89
DATE

HAS REVIEW FEE BEEN ENCLOSED

SITE EVALUATOR

When an undeveloped 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 requirements of the Rules, and the Evaluator in his professional opinion feels the variance request is justified and that 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.

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(ATTACH ADDITIONAL SHEETS, IF NEEDED)

I, WILL ALDRICH, 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 judgement, 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.

Will Aldrich SE #192
SIGNATURE OF SITE EVALUATOR

JUNE 10, 1989
DATE

MUNICIPAL OFFICER(s) (Selectman, Councilman, Alderman, Mayor, Town Manager)

We the municipal Officer(s) of Augusta have reviewed this application and are aware that the applicant is applying to the Division of Health Engineering for a variance to the Subsurface Wastewater Disposal Rules because the proposed system does not meet all requirements of the Rules. The proposed variance request does does not comply with all Municipal Ordinances relating to subsurface wastewater disposal.

Richard J. Dumont
SIGNATURE FOR THE MUNICIPALITY

Councilman
TITLE

6-20-89
DATE



John R. McKernan, Jr.
Governor

Rollin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

July 3, 1989

Sportsmans Alliance of Maine
PO Box 2783
Augusta, ME 04338

Attn: Scott Hall

SUBJECT: Approval of New System Variance Request, Sportsmans Alliance of
Maine property, Church Hill Road, Augusta

Dear Gentlemen:

Our review of your Application for a New System Variance indicates that a new disposal system cannot be installed on your property in full compliance with the Rules. You have requested the following:

To allow a disposal system to be installed on soils that do not meet the minimum criteria. Specifically, the seasonal high groundwater table is located 11 inches below grade.

The Division approves of the application dated June 10, 1989 by Will Aldrich, SE.

Mr. Aldrich shall be retained to establish the system location and elevation at the time of construction.

Gary Fuller, the Local Plumbing Inspector shall issue a permit prior to the system's installation. The system shall be constructed in compliance with the submitted application.

Yours very truly,

A handwritten signature in cursive script that reads "Brent L. McCarthy".

Brent L. McCarthy
Wastewater & Plumbing Control
Division of Health Engineering

BLM/sw
cc: Gary Fuller, LPI
Will Aldrich, SE