

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering Station 10
 (207) 287-5672 FAX (207) 287-4112
 Attach to Space Below

PROPERTY LOCATION

Town: AUGUSTA
 City/Plantation: AUGUSTA
 Street or Road: 258 CHURCH HILL ROAD
 Subd. or Lot #: _____

Caution: Permit Required

AUGUSTA 4753 TOWN COPY
 Date Permit Issued: 9/24/01
 Local Plumbing Inspector Signature: [Signature]
 FEE: \$ 1201.00 Double Fee Charged
 L.P.I. #: 1801

OWNER/APPLICANT INFORMATION

Name (last, first MI): _____
 Owner: CHURCH HILL BAPTIST
 Address: RR#12 Box 1160
AUGUSTA, ME 04330
 Daytime Tel #: 626-0854

Municipal Tax Map # 7 Lot # 13

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 of Owner or Applicant: [Signature] Date: SEP 10 2001

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature: _____ Date Approved: _____

TYPE OF APPLICATION

1. First Time System
 2. Replacement System
 Type Replaced: _____
 Year Installed: _____

3. Expanded System
 a. Minor expansion
 b. Major expansion

4. Experimental System

5. Seasonal Conversion

± 4 sq ft acres acres

SHORELAND ZONING

Yes No

PERMIT INFORMATION

THIS APPLICATION REQUIRES

1. No Rule Variance
 2. First Time System Variance DESIGN FLOW
 a. Local Plumbing Inspector Approval SEE ATTACHED LETTER
 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 Approval

DISPOSAL SYSTEM TO SERVE

1. Single Family Dwelling Unit, No. of Bedrooms: _____
 2. Multiple Family Dwelling, No. of Units: _____
 3. Other: CHURCH
 SPECIFY _____

DISPOSAL SYSTEM COMPONENT(S)

1. Complete Non-engineered System
 2. Primitive System (graywater & all 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 _____

TYPE OF WATER SUPPLY

1. Drilled Well 2. Dug Well 3. Private
 4. Public 5. Other

TREATMENT TANK

1. Concrete
 a. Regular
 b. Low Profile
 2. Plastic
 3. Other: _____

CAPACITY: 2-1000 gallons

SOIL DATA & DESIGN CLASS

PROFILE: 8 1 D 1
 CONDITION: _____
 DESIGN: _____
 at Observation Hole # 2
 Depth: 12 - Elevation: _____
 OF MOST LIQUID: SOIL FACTOR: _____

DISPOSAL FIELD TYPE & SIZE

1. Stone Bed 2. Stone Trench
 3. Proprietary Device
 a. Cluster array c. Linear
 b. Regular load d. 11-20 load
 4. Other: _____

SIZE: 2000 sq ft lin. ft.

DISPOSAL FIELD SIZING

1. Small -- 2.0 sq ft/gpd
 2. Medium -- 2.6 sq ft/gpd
 3. Medium-Large -- 3.1 sq ft/gpd
 4. Large -- 4.1 sq ft/gpd
 5. Extra Large -- 5.0 sq ft/gpd

GARBAGE DISPOSAL UNIT

1. No 2. Maybe
 3. Yes >> Specify one below:
 a. Multi-compartment Tank
 b. Tanks in Series
 c. Increase in Tank Capacity
 d. Filter on Tank Outlet

PUMPING

1. Not Required
 2. May Be Required
 3. Required >> Specify only for engineered or experimental systems:
 DOSE: _____ gallons

DESIGN FLOW

450 gallons per day
 BASED ON:
 1. Table 901.1 (dwelling unit(s))
 2. Table 901.2 (other facilities)
 SHOW CALCULATIONS -- for other facilities --

4 GALLONS PER SEAT REDUCED TO 1.5 GALLONS PER SEAT X 300 SEATS
 3. Section 903.0 (meter readings) = 450 GPD
 ATTACH WATER METER DATA

SITE EVALUATOR STATEMENT

Certify that on 7/18/01 (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 (10-14-A CMR 241)

Signature: [Signature] SE #: 226 Date: 7/28/01
 Name: VAUGHN L. SMITH Telephone #: 724-5635

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

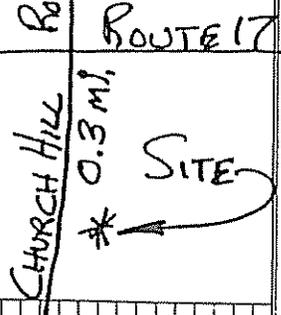
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: **AUGUSTA** Street/Road Subdivision: **CHURCH HILL ROAD** Owner Name: **CHURCH HILL BAPTIST**

SITE PLAN

Scale 1" = _____ Ft.
or as shown

SITE LOCATION PLAN
(Map from Maine Atlas recommended)



SEE ATTACHED PRELIMINARY
SITE PLAN ENTITLED
"NEW CHURCH BUILDING PROJECT"
PREPARED BY DIRIGO ENGINEERING
WITH INFORMATION ADDED BY VAUGHAN
SMITH ASSOCIATES.

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

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

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
10	SILT	FRIABLE	BROWN	NONE
20	LOAM			
30		FIRM	OLIVE	FEW FAINT
40				
50				

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

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
10	SILT	FRIABLE	BROWN	NONE
20	LOAM			
30		FIRM	OLIVE	FEW FAINT
40				
50				

Soil Classification: **8 D** Slope: **6%** Limiting Factor: **14"**
 Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

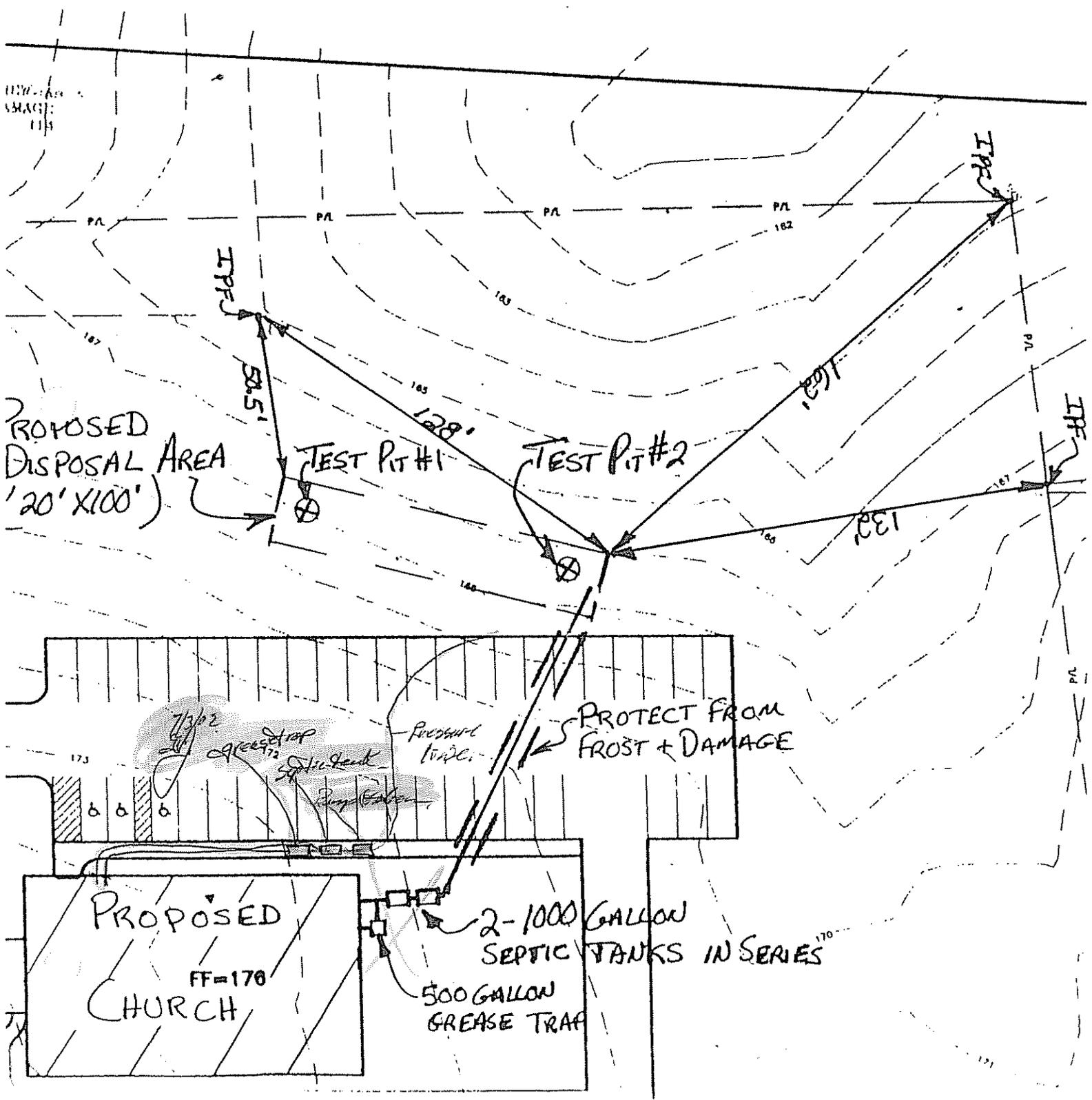
Soil Classification: **8 D** Slope: **7%** Limiting Factor: **12"**
 Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

Vaughan L. Smith
Evaluator Signature

226

7/28/01

11/20/02
MAG
11/19



PROPOSED
DISPOSAL AREA
'20' X 100')

TEST PIT #1

TEST PIT #2

PROTECT FROM
FROST & DAMAGE

PROPOSED
CHURCH
FF=170

2-1000 GALLON
SEPTIC TANKS IN SERIES

500 GALLON
GREASE TRAP

7/3/02
Grease trap
Septic tank

Protect from
frost

FIRST TIME SYSTEM VARIANCE REQUEST

This form shall accompany an Application (HHE-200) for a proposed first time system which requires a Variance to provisions of the Subsurface Wastewater Disposal Rules.

The local plumbing inspector shall not issue a permit for the installation of a first time subsurface wastewater disposal system requiring a variance from the Department of Human Services until approval has been received from them.

GENERAL INFORMATION		Town of <u>AUGUSTA</u>
Permit No. _____		Date Permit Issued _____
Property Owner's Name: <u>CHURCH HILL BAPTIST</u>		Tel. No.: <u>626-0854</u>
System's Location: <u>CHURCH HILL ROAD</u>		
Property Owner's Address: <u>RR#12 Box 1160</u>		
(if different from above) <u>AUGUSTA, ME 04330</u>		

VARIANCE CONDITIONS

The Department has the authority to vary the requirements of the Rules in accordance with Section 105.2 of the Rules CMR 241 if all the following criteria are satisfied:

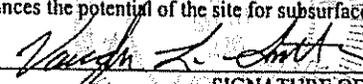
- a. The variance request has the approval of the LPI.
- b. The Municipal Officials have indicated that the variance does not conflict with any local wastewater disposal ordinances.
- c. The variance request demonstrates that there is no practical alternative for wastewater disposal, such as access to 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.

SOIL, SITE AND ENGINEERING FACTORS FOR NEW SYSTEM VARIANCE ASSESSMENT
(SEE TABLES 1900.1-1900.11)

Soil Profile	CHARACTERISTIC	POINT ASSESSMENT
Depth to Groundwater/Restrictive Layer		
Terrain		
Size of Property		
Waterbody Setback		
Water Supply		
Type of Development		
Disposal Area Adjustment		
Vertical Separation Adjustment		
Additional Treatment		
TOTAL POINT ASSESSMENT (Sec. 1904.5)		

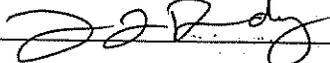
Minimum Points (Check one): Outside Shoreland-50 Inside Shoreland-65 Subdivision-65

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator)	SECTION OF
RULE	
1. <u>REDUCTION IN DESIGN FLOWS-4GPD TO 1.5GPD</u>	<u>TABLE 5.01.2</u>
2. _____	
3. _____	

SITE EVALUATOR	
<p>When a property is found to be unsuitable for subsurface wastewater disposal for a First Time System Variance 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.</p> <p>(Use Additional Sheets, if needed)</p> <p><u>THE PROPOSED CHURCH WILL HAVE APPROXIMATELY 100 ATTENDEES WHO WILL USE THE FACILITY TWICE WEEKLY. A WATER METER WILL BE INSTALLED AND READINGS WILL BE TAKEN AND RECORDED ON A REGULAR BASIS. SYSTEM SHALL BE REEVALUATED IF 50% OF DESIGN FLOW IS REACHED.</u></p>	
I, <u>VAUGHN L. SMITH</u> , 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.	DATE <u>9/5/01</u>
 SIGNATURE OF SITE EVALUATOR	

PROPERTY OWNER

I, Timothy J. Brady, 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.



SIGNATURE OF OWNER
 AGENT FOR THE OWNER

9/6/2001

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 for a First Time System Variance to the Subsurface Wastewater Disposal Rules because the proposed system does not meet all requirements of the rules. The proposed variance request does not comply with all Municipal Ordinances relating to subsurface wastewater disposal.



SIGNATURE FOR THE MUNICIPALITY

City Manager

TITLE

9/6/01

DATE

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all First Time System 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 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

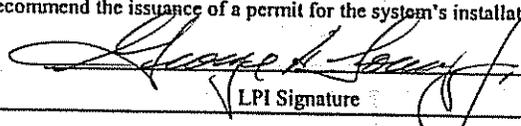
Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all First Time System Variance requests prior to forwarding to the Division of Health Engineering.

I, George A. Saccoccia, 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 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

9/6/01

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

- Note: 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 1902.0 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 1901.0 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.

FORMS

PROPERTY OWNER

I, Timothy J. Brady, 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.

Timothy J. Brady
SIGNATURE OF OWNER
 AGENT FOR THE OWNER
9/6/2001 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 for a First Time System 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]
SIGNATURE FOR THE MUNICIPALITY
City Manager
TITLE
9/6/01
DATE

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all First Time System 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 First Time System Variance requests prior to forwarding to the Division of Health Engineering. I, George A. Bouyer, 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, (do not) recommend the issuance of a permit for the system's installation as proposed by the application.

George A. Bouyer
LPI Signature
9/6/01
Date

FOR USE BY THE DEPARTMENT ONLY

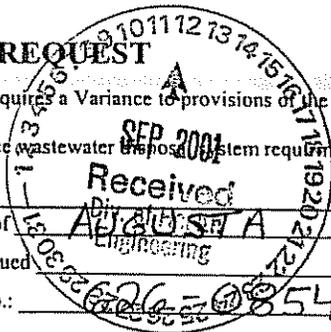
The Department has reviewed the variance(s) and does does not give its approval. Any additional requirements, recommendations, or reasons for the Variance ~~denial~~, are given in the attached letter.

Linda S. Robinson
SIGNATURE OF THE DEPARTMENT
9/21/01
DATE

- Note: 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 1902.0 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 1901.0 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.

FIRST TIME SYSTEM VARIANCE REQUEST

This form shall accompany an Application (HHE-200) for a proposed first time system which requires a Variance to provisions of the Subsurface Wastewater Disposal Rules. The local plumbing inspector shall not issue a permit for the installation of a first time subsurface wastewater disposal system requiring a variance from the Department of Human Services until approval has been received from them.



GENERAL INFORMATION

Permit No. _____ Town of _____
 Date Permit Issued _____
 Property Owner's Name: CHURCH HILL BAPTIST Tel. No.: 626-8854
 System's Location: CHURCH HILL ROAD
 Property Owner's Address: RR#12 Box 1160
 (if different from above) AUGUSTA, ME 04330

VARIANCE CONDITIONS

The Department has the authority to vary the requirements of the Rules in accordance with Section 105.2 of the Rules CMR 241 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.

SOIL, SITE AND ENGINEERING FACTORS FOR NEW SYSTEM VARIANCE ASSESSMENT
 (SEE TABLES 1900.1-1900.11)

	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 Adjustment		
Additional Treatment		
TOTAL POINT ASSESSMENT (Sec. 1904.5)		

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

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator) SECTION OF RULE _____

1. REDUCTION IN DESIGN FLOWS-4GPD TO 1.5GPD TABLE 5.01.2

2. _____

3. _____

SITE EVALUATOR

When a property is found to be unsuitable for subsurface wastewater disposal for a First Time System Variance 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.
 (Use Additional Sheets, if needed)

THE PROPOSED CHURCH WILL HAVE APPROXIMATELY 100 ATTENDEES WHO WILL USE THE FACILITY TWICE WEEKLY. A WATER METER WILL BE INSTALLED AND READINGS WILL BE TAKEN AND RECORDED ON A REGULAR BASIS. SYSTEM SHALL BE REEVALUATED IF 50% OF DESIGN FLOW IS REACHED.

I, VAUGHN L. SMITH, 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.

Vaughn L. Smith SIGNATURE OF SITE EVALUATOR 9/5/01 DATE



STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
DIVISION OF HEALTH ENGINEERING
10 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0010

ANGUS S. KING, JR.
GOVERNOR

KEVIN W. CONCANNON
COMMISSIONER

September 21, 2001

Timothy J. Brady
Church Hill Baptist
RR 12 Box 1160
Augusta ME 04330

SUBJECT: Approval, First Time System Variance Request, Church Hill Baptist property, Church Hill Road, Augusta

Dear Mr. Brady:

The Division has reviewed a first time system variance request for the subject property. The state variance required is to allow the installation of a subsurface wastewater disposal system with a reduction in the design flow from 4 gallons per day/seat to 1.5 gallons per day/seat. The system design prepared by Vaughn L. Smith, SE, dated 7-28-01, has been found to be in compliance with the Maine Subsurface Wastewater Disposal Rules, with the exceptions noted.

We approve the requested variance with the following requirements:

1. A permit for system installation is to be obtained from the Local Plumbing Inspector in advance of the start of system construction.
2. The system is to be installed in accordance with the submitted and approved system design. Should alterations to the design be required at the time of system construction, the system designer must be notified prior to making changes.
3. A water meter shall be installed to monitor the actual water use. The readings shall be recorded consistently on a weekly basis and shall not exceed the septic system capacity of 450 gallons per day in any period. The water use records shall be forwarded to this office for review at the end of each month until further notice. The first set of records shall be received by the first week of November 2001.
4. The variance approval is based only on the rules administered by this department. The approval does not relieve the property owner from compliance with all other state and local requirements for permitting, installing or utilizing the septic system.

By accepting this approval and the associated plumbing permit, the owner agrees to comply fully with the conditions of approval and the Subsurface Wastewater Disposal Rules.

Because installation and owner maintenance has a significant effect on the working order of onsite sewage disposal systems, including their components, the Division makes no representation or guarantee as to the efficiency and/or operation of the system, nor the water quality of the well.

Should you or others have any questions regarding this review and/or approval, please feel free to contact me at 287-5687.

Sincerely,

Linda S. Robinson
Wastewater & Plumbing Control Program
Division of Health Engineering
E-mail: linda.robinson@state.me.us

/lsr
cc: George Soucy, LPI
Vaughn L. Smith, SE



PRINTED ON RECYCLED PAPER

FORMS

PROPERTY OWNER

I, Timothy J. Brady, 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.

Timothy J. Brady
SIGNATURE OF OWNER
AGENT FOR THE OWNER

9/6/2001 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 for a First Time System 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] CITY MANAGER TITLE 9/6/01 DATE

SIGNATURE FOR THE MUNICIPALITY

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all First Time System 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 First Time System Variance requests prior to forwarding to the Division of Health Engineering.

I, George A. Boudreau, 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.

George A. Boudreau
LPI Signature

9/6/01
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.

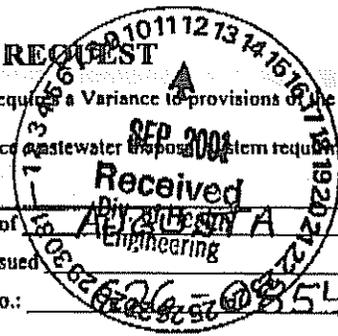
Linda S. Robinson
SIGNATURE OF THE DEPARTMENT

9/21/01
DATE

Note: 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 1902.0 for Municipal Review.)
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GENERAL INFORMATION

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 Date Permit Issued _____
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 System's Location: CHURCH HILL ROAD
 Property Owner's Address: RR#12 Box 1160
 (if different from above) AUGUSTA, ME 04330

VARIANCE CONDITIONS

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- 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.
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- 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.

SOIL, SITE AND ENGINEERING FACTORS FOR NEW SYSTEM VARIANCE ASSESSMENT
 (SEE TABLES 1900.1-1900.11)

	CHARACTERISTIC	POINT ASSESSMENT
Soil Profile		
Depth to Groundwater/Restrictive Layer		
Terrain		
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Water Supply		
Type of Development		
Disposal Area Adjustment		
Vertical Separation Adjustment		
Additional Treatment		
TOTAL POINT ASSESSMENT (Sec. 1904.5)		

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

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator) **SECTION OF RULE**

1. REDUCTION IN DESIGN FLOWS- 4 GPD TO 1.5 GPD TABLE 5.01.2

2. _____

3. _____

SITE EVALUATOR

When a property is found to be unsuitable for subsurface wastewater disposal for a First Time System Variance 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.

(Use Additional Sheets, if needed)
THE PROPOSED CHURCH WILL HAVE APPROXIMATELY 100 ATTENDEES WHO WILL USE THE FACILITY TWICE WEEKLY. A WATER METER WILL BE INSTALLED AND READINGS WILL BE TAKEN AND RECORDED ON A REGULAR BASIS. SYSTEM SHALL BE RE-EVALUATED IF 50% OF DESIGN FLOW IS REACHED.

I, VAUGHN L. SMITH, 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.

Vaughn L. Smith 9/5/01
 SIGNATURE OF SITE EVALUATOR DATE



STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
DIVISION OF HEALTH ENGINEERING
10 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0010

ANGUS S. KING, JR.
GOVERNOR

KEVIN W. CONCANNON
COMMISSIONER

September 21, 2001

Timothy J. Brady
Church Hill Baptist
RR 12 Box 1160
Augusta ME 04330

SUBJECT: Approval, First Time System Variance Request, Church Hill Baptist property, Church Hill Road, Augusta

Dear Mr. Brady:

The Division has reviewed a first time system variance request for the subject property. The state variance required is to allow the installation of a subsurface wastewater disposal system with a reduction in the design flow from 4 gallons per day/seat to 1.5 gallons per day/seat. The system design prepared by Vaughn L. Smith, SE, dated 7-28-01, has been found to be in compliance with the Maine Subsurface Wastewater Disposal Rules, with the exceptions noted.

We approve the requested variance with the following requirements:

1. A permit for system installation is to be obtained from the Local Plumbing Inspector in advance of the start of system construction.
2. The system is to be installed in accordance with the submitted and approved system design. Should alterations to the design be required at the time of system construction, the system designer must be notified prior to making changes.
3. A water meter shall be installed to monitor the actual water use. The readings shall be recorded consistently on a weekly basis and shall not exceed the septic system capacity of 450 gallons per day in any period. The water use records shall be forwarded to this office for review at the end of each month until further notice. The first set of records shall be received by the first week of November 2001.
4. The variance approval is based only on the rules administered by this department. The approval does not relieve the property owner from compliance with all other state and local requirements for permitting, installing or utilizing the septic system.

By accepting this approval and the associated plumbing permit, the owner agrees to comply fully with the conditions of approval and the Subsurface Wastewater Disposal Rules.

Because installation and owner maintenance has a significant effect on the working order of onsite sewage disposal systems, including their components, the Division makes no representation or guarantee as to the efficiency and/or operation of the system, nor the water quality of the well.

Should you or others have any questions regarding this review and/or approval, please feel free to contact me at 287-5887.

Sincerely,

Linda S. Robinson
Wastewater & Plumbing Control Program
Division of Health Engineering
E-mail: linda.robinson@state.me.us

lbr
cc: George Soucy, LPI
Vaughn L. Smith, SE



PRINTED ON RECYCLED PAPER



VAUGHN SMITH ASSOCIATES

Septic Design • Wetland Analysis • Soil Mapping

July 28, 2001

Department of Human Services
Bureau of Health
Division of Health Engineering
Attn: Jim Jacobson
10 State House Station
Augusta, Maine 04330

RE: Reduction of Design Flow for Church Hill Baptist Church

Dear Jim:

Please accept this letter as part of a New System Variance to the Maine State Plumbing Code, Section 5, Table 5.01.2, Design Flows for other facilities. The proposed church, located on Church Hill Road in Augusta, is designed for 300 seats. The current use is by approximately 100 attendees on mainly 2 days a week. According to the Table 5.01.2 of the Plumbing Code, a church has a 4 gallons per day per seat design flow.

I propose that the design flow be reduced to 1.5 gallons for day per seat for a total proposed design flow of 300 seats X 1.5 gpd = 450 gallons per day with the condition that a **water meter be installed to monitor the actual water use**. Additionally, if the actual water use indicates that 50% of design flow is reached, than the system shall be reevaluated for possible expansion.

I hope this information is sufficient and acceptable for the New System Variance to the Plumbing Code.

Sincerely,
VAUGHN SMITH ASSOCIATES

Vaughn L. Smith
Site Evaluator #226



VAUGHN SMITH ASSOCIATES

Septic Design • Wetland Analysis • Soil Mapping

July 28, 2001

Department of Human Services
Bureau of Health
Division of Health Engineering
Attn: Jim Jacobson
10 State House Station
Augusta, Maine 04330

RE: Reduction of Design Flow for Church Hill Baptist Church

Dear Jim:

Please accept this letter as part of a New System Variance to the Maine State Plumbing Code, Section 5, Table 5.01.2, Design Flows for other facilities. The proposed church, located on Church Hill Road in Augusta, is designed for 300 seats. The current use is by approximately 100 attendees on mainly 2 days a week. According to the Table 5.01.2 of the Plumbing Code, a church has a 4 gallons per day per seat design flow.

I propose that the design flow be reduced to 1.5 gallons for day per seat for a total proposed design flow of 300 seats X 1.5 gpd = 450 gallons per day with the condition that a **water meter be installed to monitor the actual water use**. Additionally, if the actual water use indicates that 50% of design flow is reached, than the system shall be reevaluated for possible expansion.

I hope this information is sufficient and acceptable for the New System Variance to the Plumbing Code.

Sincerely,
VAUGHN SMITH ASSOCIATES

Vaughn L. Smith
Site Evaluator #226