

Map 9 / Lot 11A

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 #: Prescott Road

PROPERTY OWNERS NAME

Last: Cobb First: Ken

Applicant Name: _____

Mailing Address of Owner/Applicant (if Different): RFD #5 Augusta, ME 04330

Map 11A Not Installed

AUGUSTA PERMIT # 1,240 TOWN COPY

Date Permit Issued: 11/30/87 \$ 410.00 FEE Double Fee Charged

Local Plumbing Inspector Signature: [Signature] L.P.I. # 1108

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] Date: 11/30/87

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.

Local Plumbing Inspector Signature _____ Date Approved _____

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
 - Requiring Local Plumbing Inspector Approval
 - Requires State and Local Plumbing Inspector Approval
- MINIMUM LOT SIZE VARIANCE

INSTALLATION IS:

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM
(Includes Alternative Toilet)
- ENGINEERED (+2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK _____ GAL
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

SEASONAL CONVERSION

to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# _____
- SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER _____ SPECIFY _____

SIZE OF PROPERTY: 6+ Acres ZONING: Residential

TYPE OF WATER SUPPLY

Drilled Well Proposed

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: _____

PUMPING

- NOT REQUIRED
- MAY BE REQUIRED
(DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: 50 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

Three Bed Rooms

20x60
3.3

DESIGN FLOW: 364
(GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>3</u>	<u>D</u>

DEPTH TO LIMITING FACTOR: 13

SIZE RATINGS USED FOR DESIGN PURPOSES

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

- BED 1200 Sq. Ft.
- CHAMBER _____ Sq. Ft.
 REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

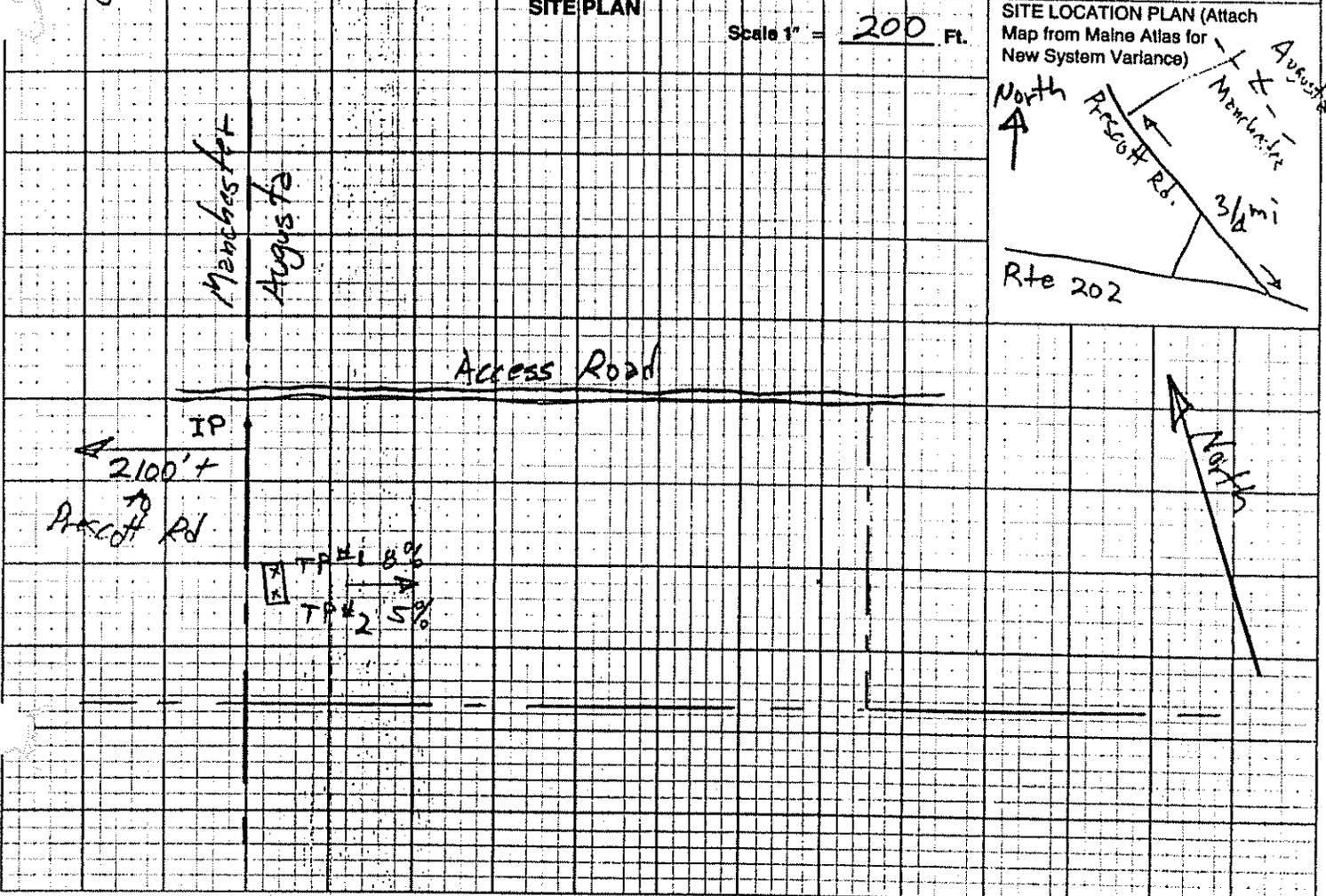
On 22 Nov 87 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Charles H. King Site Evaluator Signature 094 SE# 27 Nov 87 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: Augusta Street, Road, Subdivision: Prescott Road Owners Name: Ken Cobb



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

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

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

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	Loam	Loose	Dark Brown	None
6	Loamy	Very	Reddish	None
10	Sand	Friable	Brown	Few
15				
20		Restrictive Layer		Few
25	Sandy	Very	Tan	
30	Loam	Firm		
40				
50				

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	Loam	Loose	Reddish Brown	None
6	Sandy	Friable	Brown	None
10	Loam	Friable	Brown	Few
15				
20	Sandy	Very	Tan	Few
25	Loam	Firm		
30				
40				
50				

Soil Profile 3 Classification C Slope 8 % Limiting Factor 14
 Ground Water
 Restrictive Layer
 Bedrock

Soil Profile 3 Classification D Slope 5 % Limiting Factor 13
 Ground Water
 Restrictive Layer
 Bedrock

Charles H. King
Site Evaluator Signature

094
SF#

27 Nov 87

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Augusta

Street, Road, Subdivision

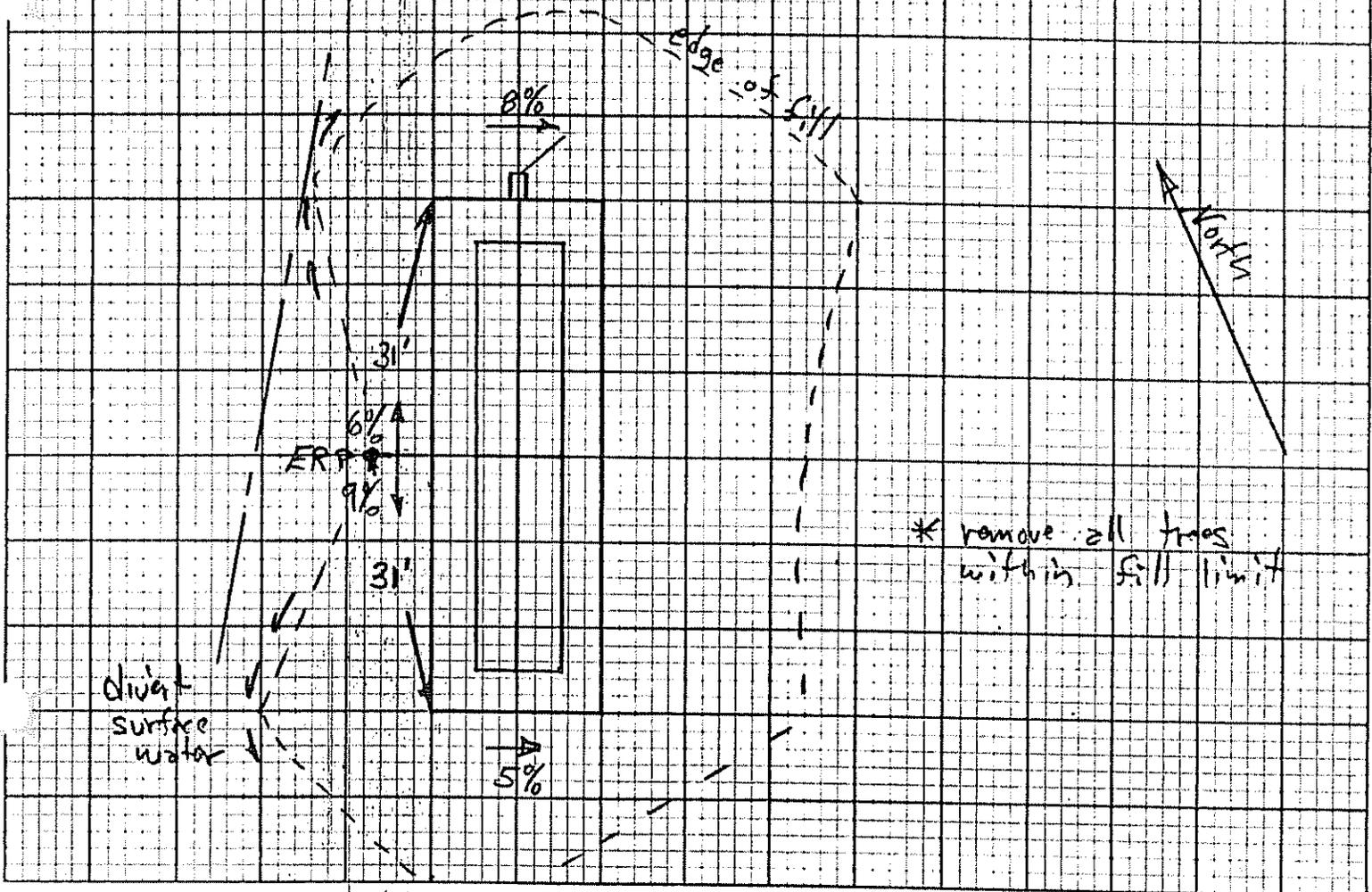
Prescott Road

Owners Name

Ken Cobb

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 23'
Depth of Fill (Downslope) 46'

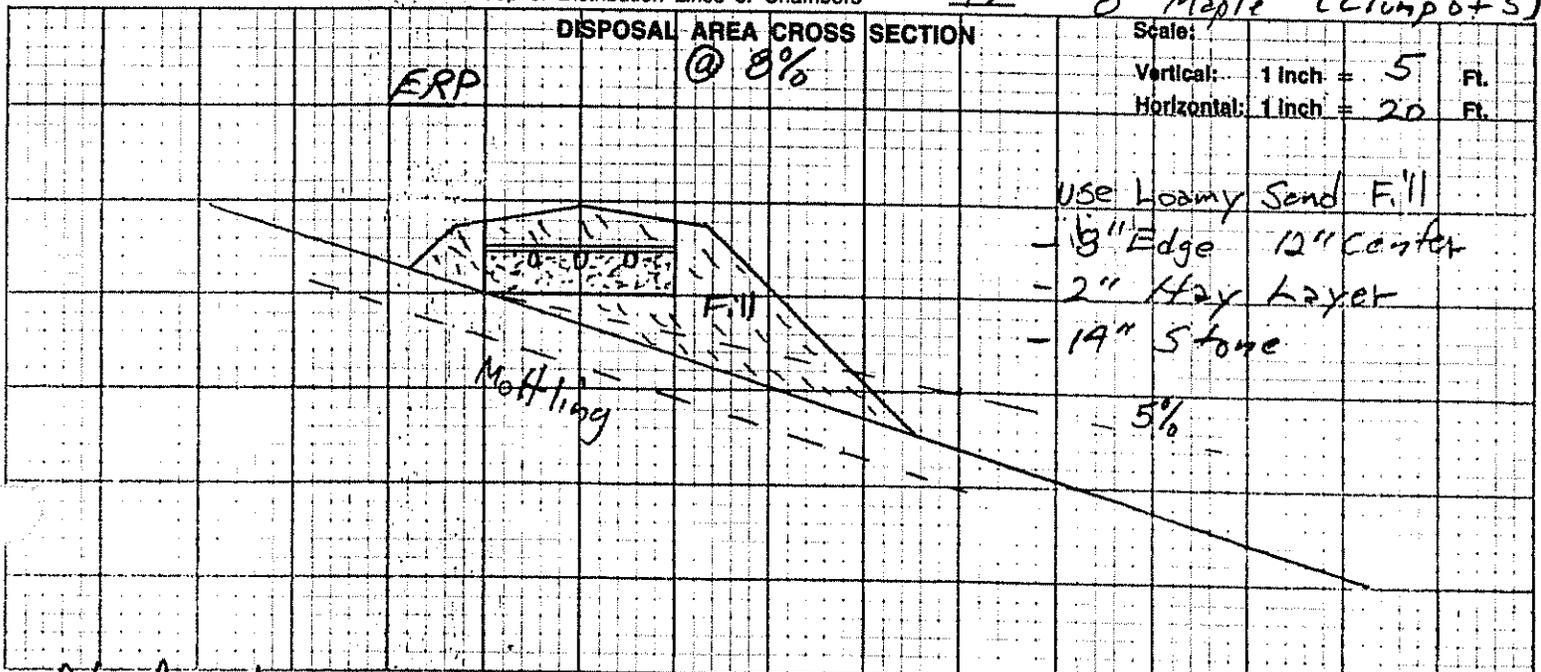
CONSTRUCTION ELEVATIONS

Reference Elevation is 0"
Bottom of Disposal Area -60"
Top of Distribution Lines or Chambers -42"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

Flagged Nail in 8" Maple (clump of 5)

DISPOSAL AREA CROSS SECTION



Scale:

Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 20 Ft.

- Use Loamy Sand Fill
- 5" Edge 12" center
- 2" Hay Layer
- 14" Stone
- 5%

Charles H. King
Site Evaluator Signature

094
SE#

27 Nov 87
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: Ken Cobb

System's Location: Prescott Road
street

Property Owner's Address RFD #5
street

Augusta ME 04330
Town state zip

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 variance request has received written endorsement from the elected municipal officers.
- 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 Seasonal Conversion, Shoreland Zoning or Resource Protection.
- 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. _____
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	3	15
DEPTH TO GROUNDWATER	13"	15
SIZE OF PROPERTY	6+ Acres	15
TERRAIN	Side Slope	3
WATERBODY SETBACK	250' +	5
WATER SUPPLY	Drilled	3
TYPE OF DEVELOPMENT	Single Family	0
DESIGN FLOW	min + 33%	5
SEPARATION DISTANCE	min	0
ADDITIONAL TREATMENT	None	0
TOTAL POINT ASSESSMENT		61

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 indicate the municipality's position in regards to the variance request. The LPI shall also inform the Division of Health Engineering of any facts 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 Municipal or Shoreland Zoning ordinances, and has been shown to the Code Enforcement Officer.

CONCLUSIONS: I, George A. Saucy Jr., 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 on the application.

Signature of L.P.I.

12-8-87
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).

To permit construction of one 3 bedroom single family dwelling

(Attach additional sheets, if needed)

I, Ken Cobb Agent for Beth Cobb, am the owner prospective owner of the subject property. I understand that the installation illustrated 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 Department of Human Services and make any corrections the Department finds necessary. By signing this 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.

Ken Cobb for Beth Cobb

11/30/87

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.

This site nearly meets the requirements for a new system installation without a variance. The restrictive layer and mottling are very close together here. There is very little up slope drainage over this site as it is nearly at the top of a knoll. No extraordinary measures are required here to insure proper system operation

(Attach additional sheets, if needed)

I, Charles H. King 094, 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, I certify that 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.

Charles H. King

27 Nov 1987

Signature of Site Evaluator

Date

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

We the undersigned Officer(s) are aware that the applicant is applying to the Division of Health Engineering for a variance to the Subsurface Wastewater Disposal Rules as indicated in the application and that the proposed system does not meet the requirements of the Rules. The proposed variance request does does not comply with all Town Zoning requirements and the Municipality does does not endorse the variance request. If endorsed, the Town accepts the responsibility for any required enforcement of the Rules should the system malfunction.

Robert J. ...

Councilman

12/7/87

...

Councilman

12-7-87

Ronald ...

Councilman

12-7-87

Municipal Officer's Signature

Officer Title

Date

Municipal Officer's Signature

Officer Title

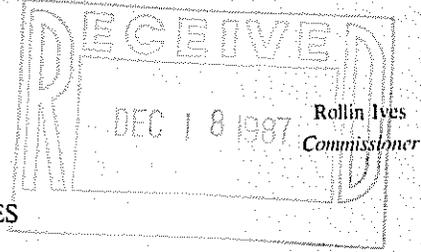
Date

Municipal Officer's Signature

Officer Title

Date

John R. McKernan, Jr.
Governor



STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

December 15, 1987

Kenneth Cobb
RFD #5
Augusta, ME 04333

Subject: New System Variance approval, Cobb property, Westerly lot,
Prescott Rd., Augusta

Dear Mr. Cobb:

The Division has reviewed your completed Application for a new system variance to the Subsurface Wastewater Disposal Rules. A new disposal system cannot be installed on the 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 13 inches below grade.

The Division approves of the application dated November 22, 1987 by Charles H. King, SE.

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

George A. Soucy, Jr., 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.

Very truly yours,

James A. Jacobsen
James A. Jacobsen
Wastewater and Plumbing Control
Division of Health Engineering

JAJ/lb

cc/George Soucy, LPI
Charles King, SE