

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 #: CONY ROAD

PROPERTY OWNERS NAME

Last: TOBIAS First: DWAYNE

Applicant Name: _____

Mailing Address of Owner/Applicant (If Different): 112 EASTERN AVE. 3-D AUGUSTA, ME.

AUGUSTA TOWN COPY

Caution: Permit No. 1854

The Subsurface Wastewater Disposal System shall not be installed until the permit is issued by the Local Plumbing Inspector.

Date Permit Issued: 4-10-90 \$ 120.00 FEE If Double Fee Charged

Local Plumbing Inspector Signature: [Signature] L.P.I. #: 80A

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] 4-10-90

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] 7/27/90

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

DISPOSAL SYSTEM TO SERVE:

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

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

SIZE OF PROPERTY: 5 ACRES

ZONING: _____

TYPE OF WATER SUPPLY

DALLED WELL TO BE AT LEAST 100' FROM SYSTEM

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
(DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: _____ GALS.

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

3 BEDROOM RESIDENTIAL + 66%

DESIGN FLOW: 450 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>9</u>	<u>D</u>

DEPTH TO LIMITING FACTOR: 10

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

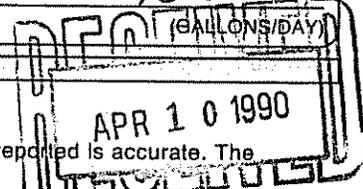
- BED _____ Sq. Ft.
- CHAMBER 1125 Sq. Ft.
 - REGULAR
 - H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On 3-22-90 (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] 132 3-23-90

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

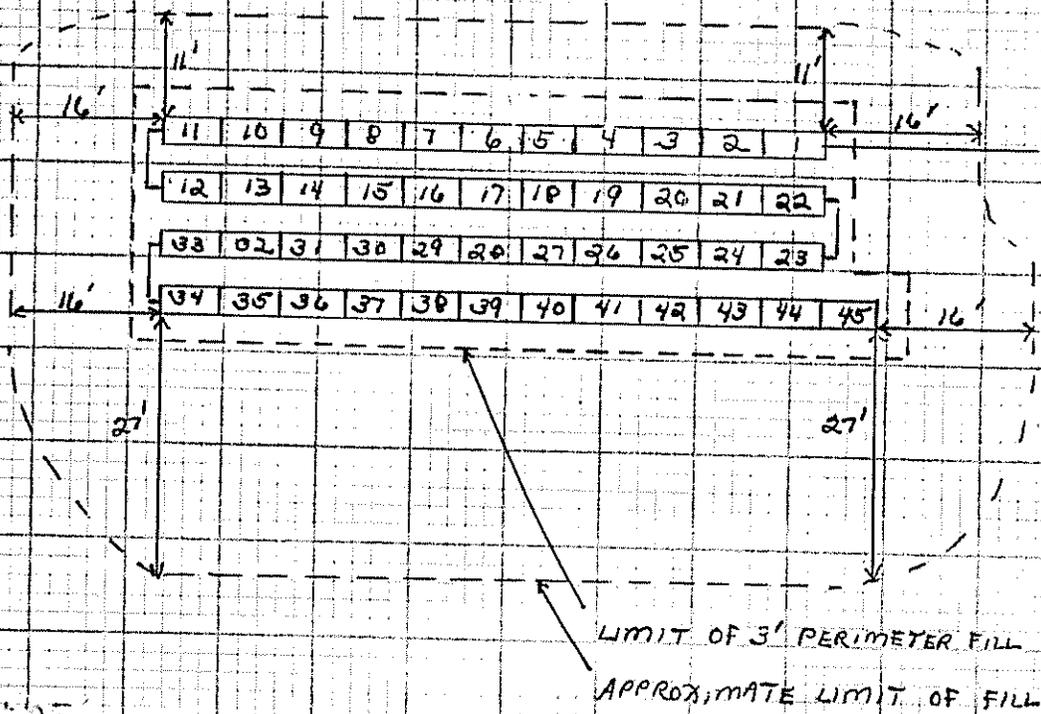
AUGUSTA

CONY ROAD

TOBIAS, DWAYNE

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft



FILL REQUIREMENTS

Depth of Fill (Upslope)

39"

Depth of Fill (Downslope)

39"

CONSTRUCTION ELEVATIONS

Reference Elevation is

0'00"

Bottom of Disposal Area

SEE

Top of Distribution Lines or Chambers

ENCLOS.

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

BENCHMARK NAIL IN

STAKE IN GROUND

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = Ft.

Horizontal: 1 inch = Ft.

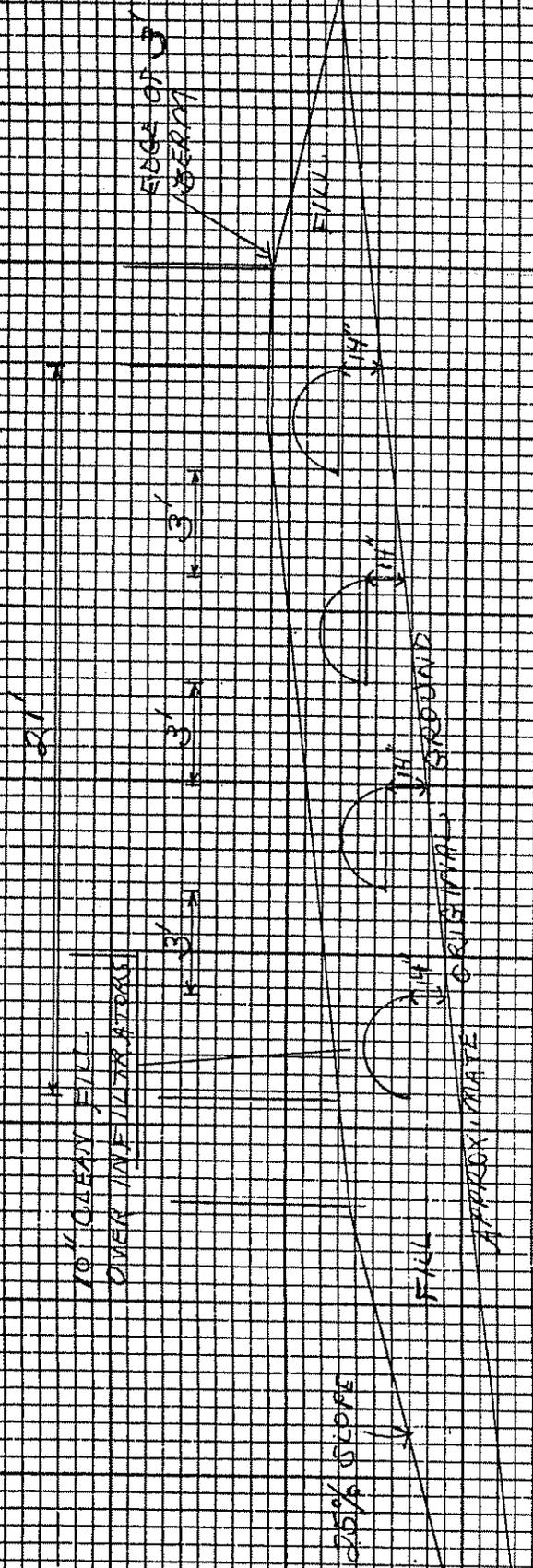
SEE ENCLOSURE

Tom Adams
Site Evaluator Signature

132
SE#

3-23-90
Date

INFILTRATOR CROSS SECTION



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED

ORIGINAL GRADE

FILL UNDER INFILTRATORS TO BE SANDY LOAM TEXTURE.

FILL AROUND INFILTRATORS TO BE SANDY LOAM TEXTURE

SITE EVALUATOR:

TERRY D. ADAMS

OWNER:

WAYNE TOBIAS

LOCATION:

AUGUSTA

DATE:

3/22/90

SCALE: 1/2" = 5'

NUMBER OF INFILTRATORS:

45

ELEVATIONS:

REFERENCE PT. 0.00' BOTTOM TRENCH #1

BOTTOM TRENCH #2 -20" BOTTOM TRENCH #3 -28" 13

BOTTOM TRENCH #4 -36" 11

PERCENT SLOPE:

11%

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: TOBIAS, DWAYNE

System's Location: CONY ROAD

Property Owner's Address: 112 EASTERN AVE. 3 D
(if different from above) AUGUSTA, ME. 04330

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:

- The variance request has the approval of the LPI.
- The Municipal Officials have indicated that the variance does not conflict with any local wastewater disposal ordinances.
- 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.
- The proposed system does not conflict with any provision controlling subsurface wastewater disposal in the Shoreland Zone.
- The site offers potential for a system which will dispose of the wastewater with minimal threat to public health, safety, or welfare.
- 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)

1. to allow system on soil with 10" to SECTION OF CODE
 2. limiting factor 6. B. 3
 3. _____

IF VARIANCE REQUEST IS FOR SEC. 8.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	<u>9D</u>	<u>10</u>
Depth to Groundwater	<u>10"</u>	<u>3</u>
Size of Property	<u>5 ACRES</u>	<u>10</u>
Terrain	<u>SIDESLOPE</u>	<u>3</u>
Waterbody Setback	<u>>250</u>	<u>5</u>
Water Supply	<u>DRILLED</u>	<u>3</u>
Type of Development	<u>RES.</u>	<u>0</u>
Design Flow	<u>+66%</u>	<u>10</u>
Separation Distance	<u>+100%</u>	<u>10</u>
Additional Treatment		
TOTAL POINT ASSESSMENT		<u>54</u>

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, George A. Sweeney 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 by the application.

George A. Sweeney Jr. SIGNATURE OF LPI 4-18-98 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).

I request to build on this site. It is inherited property and I wish to continue to reside in this area as I have all my life.

(ATTACH ADDITIONAL SHEETS, IF NEEDED)

I, *Deane Toliver*, 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.

Deane Toliver
SIGNATURE OF OWNER
 SIGNATURE OF PROSPECTIVE PURCHASER

4-10-90
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.

I believe the system to have designed with added size and fill will function properly.

(ATTACH ADDITIONAL SHEETS, IF NEEDED)

I, *Terry Adams*, 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.

Terry Adams
SIGNATURE OF SITE EVALUATOR

3-23-90
DATE

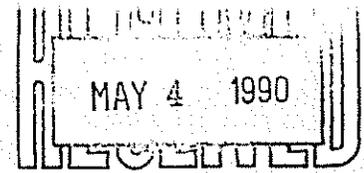
MUNICIPAL OFFICER(s) (Selectman, Councilman, Alderman, Mayor, Town Manager)

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.

[Signature]
SIGNATURE FOR THE MUNICIPALITY

City Manager
TITLE

4-10-90
DATE



John R. McKernan, Jr.
Governor

Robin Ives
Commissioner

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

May 3, 1990

Dwayne Tobias
112 Eastern Avenue 3D
Augusta ME 04330

SUBJECT: Approval of New System Variance Request, Tobias property, Cony Road, Augusta

Dear Mr. Tobias:

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 10 inches below grade.

The Division approves of the application dated 3/23/90 by Terry Adams, SE.

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

George 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,

Wallace W. Hinckley
Manager, Plumbing Control Program

WWH/lid

cc: George Soucy, Jr., LPI
Terry Adams, SE