

STATE VARIANCE FORM

Burrough, Stephen

The purpose of this agreement is to waive certain provisions of the MAINE STATE PLUMBING CODE, PART II on subsurface wastewater disposal systems.

TOWN/CITY CODE <u>11020</u>	LPI NUMBER <u>360</u>	DATE PERMIT ISSUED <u>8 9 79</u> <small>MONTH DAY YEAR</small>	EVALUATOR NUMBER <u>106</u>	PERMIT NUMBER <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">2</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px; text-align: center;">9</td> <td style="width: 20px; text-align: center;">6</td> <td style="width: 20px; text-align: center;">0</td> <td style="width: 20px; text-align: center;">ES</td> </tr> </table>	2	3	9	6	0	ES
2	3	9	6	0	ES					
ADDRESS OF SYSTEM'S LOCATION <u>7 Pleasant Hill Road</u>										
<small>ST./LOT NUMBER</small>		<small>STREET, ROAD NAME/SUBDIVISION</small>			<small>ZIP CODE</small>					
<u>Stephen Burroughs</u>		<u>7 Pleasant Hill Road</u>			<u>04330</u>					
<small>NAME OF OWNER</small>		<small>MAILING ADDRESS</small>			<small>ZIP CODE</small>					

DESCRIPTION OF SPECIFIC WAIVER	SECTION OF CODE			
1. <u>Allow one portion of system to set on mottled area.</u>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">4</td> <td style="width: 20px; text-align: center;">4</td> <td style="width: 20px;"></td> </tr> </table>	4	4	
4	4			
2. <u>Allow system to touch prop line, septic tank 2' from house, Chambers 10' from house, fill on neighbors land if agreeable</u>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">4</td> <td style="width: 20px; text-align: center;">7</td> <td style="width: 20px;"></td> </tr> </table>	4	7	
4	7			
3. <u>Reduced size due to lack of area + reduced use</u>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">9</td> <td style="width: 20px; text-align: center;">3</td> <td style="width: 20px;"></td> </tr> </table>	9	3	
9	3			

WAIVER CONDITIONS

- A. **APPLICABILITY.** The Department has authority to waive requirements as stated in Section 3 of the Maine State Plumbing Code, Part II. Submission of this waiver application is to be in no way construed as an automatic approval of the waiver(s) requested. All local ordinances must be complied with. In all other respects, the installation will comply with the Part II, Code and in accordance to the attached HHE-200 FORM.
- B. **SOIL EVALUATOR'S RESPONSIBILITIES.** When an undeveloped property is found to be unsuitable for subsurface wastewater disposal by a licensed soil evaluator, the evaluator shall inform the property owner of such. If the property owner wishes to request a variance to the requirements of applicable 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 a HHE-200 FORM. The evaluator shall list the specific variances necessary plus describe on the back of the State Variance Form, in detail, the proposed system design and location. The evaluator shall further describe in detail how the specific site limitations are to be overcome, and provide any support documentation necessary prior to consideration by the Division of Health Engineering.
- C. **LOCAL PLUMBING INSPECTOR'S RESPONSIBILITIES.** The Local Plumbing Inspector shall review all state variance requests prior to their 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 soil evaluator.
- D. **PROPERTY OWNER'S RESPONSIBILITIES.** The owner of any undeveloped property found unsuitable for subsurface wastewater disposal by a licensed soil evaluator may apply to the Division of Health Engineering for a variance under the requirements of appropriate rules. The property owner is advised that decisions on variance requests are based on a complete review of all pertinent facts by the Division of Health Engineering and that an approval is by no means certain. The property owner shall provide factual information to the soil evaluator, the LPI, and the Division in regards to his past actions and proposed future use of the property.
- E. **RECORDS.** A copy of the waiver request forms and the associated HHE-200 FORMS shall be provided to the homeowner, the soil evaluator, for the municipal files, and other copies determined to be necessary, with the original copy forwarded to the Division with a copy of the plumbing permit.
- F. **LOG OF WAIVERS ISSUED.** The plumbing inspector shall maintain a chronological log of all waivers granted. The total of the waivers granted for each calendar year shall be noted in the annual report which is submitted to the town and to the Division.
- G. Any request for a variance to replace an existing system in excess of specified Replacement Variance tolerance shall be completed on the State Variance Form accompanied by a completed HHE-200 FORM.

STATEMENTS

STATEMENT OF OWNER

I, Stephen Burroughs, the undersigned, am the owner of the property indicated in the application and state that the property is not for sale in the foreseeable future. I understand that the installation explained above and illustrated on the HHE-200 Form accompanying this request is not in total compliance with the Maine State Plumbing Code. I have completed the back side of this form, elaborating on my reasons for requesting said waiver(s). Should the proposed system malfunction or create any nuisance or environmental problems or affect my water supply, I release all concerned with this waiver provided they have performed their duties in a reasonable and proper manner. Further, should a malfunction occur, I will take every step possible to correct it. If any defects or inadequacies appear, I will promptly notify the Department of Human Services and subsequently make such corrections as the Department shall find necessary.

Stephen Burroughs 6-1-79
Signature of Owner Date

STATEMENT OF SOIL EVALUATOR

I, Roger J Weber, the undersigned certify that the information I have submitted on the HHE-200 Form accurately represents the conditions that exist on the applicant's property. A waiver to the Maine State Plumbing Code is necessary since no system can be installed which will completely satisfy all Code provisions. In my judgement as a licensed evaluator I certify that the proposed system design on my HHE-200 form is the best alternative available and that the system will function properly as per the justifications outlined on the back side of this waiver application.

Roger J Weber 26 May 1979
Signature of Soil Evaluator Date

Municipality's Findings

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, Richard B. Baker, the undersigned, have visited the above property and find that it is not possible to conform to certain provisions of the Plumbing Code. The waiver request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property.

Based upon my conclusions, I (do), (do not) recommend the issuance of a special permit for the installation as proposed and as shown on the HHE-200 Form.

Richard B. Baker 6-1-79
Signature of Local Plumbing Inspector Date

JUSTIFICATIONS

OWNER:

The owner must elaborate below the reasons for requesting the waiver(s) on the front side of this form.

NOTE: Please attach another sheet of paper if additional space is required.

SOIL EVALUATOR:

The soil evaluator must state the reasons why the waiver request should be granted and according to professional judgment why the proposed subsurface system design will function properly.

The situation is an existing dwelling & lot of approx 4700 sq ft. The area available for disposal area is, excluding road right of way, approx 44' x 18' x 46' x 27'. This is estimating R of W at 50'.

1. Reduction to Mattling: Request to reduce need for excess fill in opposite corners of system. Fill is needed due to slope as indicated by elevation readings. Excess fill may cause settling & future malfunctioning of system.
2. Minimum Distance Reductions: Request due to lack of available area to install system. Chambers to be 10' from house & septic tank 2'. A clay berm to be installed around perimeter of fill to force water down into soil & stop possible seepage toward house. Seepage toward house also slowed by setting system into soil & eliminating another soil interface.
3. Reduce size of system: Lack of workable area necessitates this. As is, if neighbors agree fill will extend onto their land. Requested size of system also correlates with applicants present usage of water which is approximately 2100 cu. ft. every 3 months or 175-200 GPD. Flow reduction valve for showers & sinks & low volume flush should be used.

Diversion is required around system. Land behind dwelling slopes dramatically toward house. Diversion may also require an agreement with the neighbors, especially on right.

NOTE: Please attach another sheet of paper if additional space is required.

This Application Is For: New System Conversion Permit Replacement Of Entire System Disposal Area Only
 Expanded System Experimental System

An Application For Subsurface Wastewater Disposal Permit This Is NOT A Permit; This Form When Completed Must Be Presented To The Local Plumbing Inspector To Obtain A Permit

Town: Augusta Street, Road, Etc.: Pleasant Hill Road Plumbing Permit No.: 23960EP Date Of Plumbing Permit: 8-9-79

If On Water Body, Give Name: _____

Owner Of Property: Stephen Burroughs Tel. No.: 622-9714 Name Of Applicant Owner's Agent: _____ Tel. No.: _____

Street: 7 Pleasant Hill Road

Town: Augusta State: Maine Zip Code: 04330

Owner's Signature: X Steven Burroughs Date: 6-1-79 Applicant's Signature: _____ Date: _____

Size Of Lot: APPROX 4000 Is Lot Zoned? Sq. Feet Acres Yes No Type Of Zoning: _____ Subdivision Name: _____ Lot No.: _____

The Water Supply For This Property Is: Dug Well, depth _____; Drilled Well, depth _____; Spring, depth _____; Surface water Body Course with disinfection, without disinfection. Public Utility, name: Augusta Water District

SITE INVESTIGATION Show Location Of Pits on Site Plan on Page 2

Thickness and Description of each soil strata encountered	Soil Profile No. <u>1</u>	Soil Profile No.	Soil Profile No.	Soil Profile No.
	<input checked="" type="checkbox"/> Pit <input type="checkbox"/> Boring	<input type="checkbox"/> Pit <input type="checkbox"/> Boring	<input type="checkbox"/> Pit <input type="checkbox"/> Boring	<input type="checkbox"/> Pit <input type="checkbox"/> Boring
Organic Strata <u>Sod</u>	Organic Strata	Organic Strata	Organic Strata	Organic Strata
<u>2-0</u>				
1st Strata <u>Sil</u>	1st Strata	1st Strata	1st Strata	1st Strata
Inches <u>0-5</u>	Inches	Inches	Inches	Inches
2nd Strata <u>Gritty Sil</u>	2nd Strata	2nd Strata	2nd Strata	2nd Strata
Inches <u>5-20</u>	Inches	Inches	Inches	Inches
3rd Strata <u>Gritty Sil</u>	3rd Strata	3rd Strata	3rd Strata	3rd Strata
Inches <u>20+</u>	Inches	Inches	Inches	Inches
4th Strata	4th Strata	4th Strata	4th Strata	4th Strata
Inches	Inches	Inches	Inches	Inches
Depth from bottom of organic horizon to:	Total Depth of Observation Hole Inches <u>32</u>	Total Depth of Observation Hole Inches	Total Depth of Observation Hole Inches	Total Depth of Observation Hole Inches
	Max. Seasonal Water Table Mottling <u>5 inches</u> <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling <input type="radio"/> None Evident
	<u>Heavy at 18</u> Inches	Inches	Inches	Inches
	Impervious Layer Clay, Etc. <input checked="" type="radio"/> None Evident	Impervious Layer Clay, Etc. <input type="radio"/> None Evident	Impervious Layer Clay, Etc. <input type="radio"/> None Evident	Impervious Layer Clay, Etc. <input type="radio"/> None Evident
Bedrock <input checked="" type="radio"/> None Evident	Bedrock <input type="radio"/> None Evident	Bedrock <input type="radio"/> None Evident	Bedrock <input type="radio"/> None Evident	
Type of Bedrock	Type of Bedrock	Type of Bedrock	Type of Bedrock	
Surface Slope <u>5</u> %	Surface Slope %	Surface Slope %	Surface Slope %	
Soil Group <u>9</u> Soil Condition <u>D</u>	Soil Group Soil Condition	Soil Group Soil Condition	Soil Group Soil Con	
Per Table 9-1 Code II	Per Table 9-1 Code II	Per Table 9-1 Code II	Per Table 9-1 Code II	

On 14 April 1979 (date), a site investigation for this project was completed. I conducted this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the following type and size of private sewage disposal system. I also recommend the proposed private sewage disposal system layout and location shown on page 2.

Signature: Roger J. Jelleber Site Evaluator License Number: 106

Date Signed: 25 May 1979

DISPOSAL SYSTEM PROPOSED Show Location of System and Details on Disposal Plan on Page 2

SYSTEM: <input checked="" type="radio"/> Combined System <input type="radio"/> Separated System If separated system—type of human waste disposal system to be used: <input type="radio"/> Sealed Vault Privy <input type="radio"/> Open Pit Privy <input type="radio"/> Compost Toilet <input type="radio"/> Chemical Toilet <input type="radio"/> Incinerator Toilet	TREATMENT TANK <input type="radio"/> Aerobic Tank <input checked="" type="radio"/> Septic Tank <input checked="" type="radio"/> Concrete <input type="radio"/> Fiberglass <input type="radio"/> Metal Size in Gallons: <u>1000</u> Number of Bedrooms: <u>3</u>	SUBSURFACE ABSORPTION AREA/TYPE <input type="radio"/> Bed System No. of Beds _____ Length _____ ft Width _____ ft <input type="radio"/> Chamber System Number <u>12</u> <input type="radio"/> Type A <input type="radio"/> Single File <input checked="" type="radio"/> Type B <input checked="" type="radio"/> Cluster <input type="radio"/> Special System Length _____ ft Width _____ ft <input type="radio"/> Laundry System Type A _____ Type B _____ No. of Chambers: _____	SIZE <input type="radio"/> Small <input type="radio"/> Medium <input type="radio"/> Med.-Large <input checked="" type="radio"/> Large <input type="radio"/> Extra-Large Design Flow _____ GPD	SITE MODIFICATION Fill will be: _____ in. uphill <u>28</u> in. downhill
				DETAILS Unless sufficient grade <input checked="" type="checkbox"/> A Distribution Box is required Pumping is— <input checked="" type="checkbox"/> required <input type="checkbox"/> is not required The dose will be <u>70</u> Gallons
DISTANCES <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: The proposed subsurface absorption area will be located at least 100 feet from any and all wells; springs; surface water bodies and courses (lake, pond, ocean, brook, stream, river); swamps; marshes; and bogs. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: The proposed subsurface absorption area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies.				

PROPERTY/LOT LOCATION MAP

Location—roads, landmarks

WAIVER State Variance Required Replacement Variance Required None Required

FOR THE USE OF LPI ONLY

Denial: Application is denied for the following reasons; portions of the Code II are cited. Form is incomplete (____ pg.) as to General info., Site Investigation, System Proposed, Site Plan, Disposal System Plan, Cross-Section, Statement. See section 4.1

Site Investigation indicates site is unsuitable for disposal system. Unsuitable for system proposed.

System Proposed does not conform to Code _____

Site investigation indicates site modifications are necessary.

Acceptance: Application for permit is approved with condition specified, comply with Section 4.4-4.7-9-3
 without condition.

Signed LPI: Richard A. Babu Date: 6-1-79 HHE-200 1/78

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

(For systems disposing of less than 2000 gallons per day)

Town: Augusta Street, Road, etc: Pleasant Hill Road Owner of Property: Stephen Burroughs
 If on water body, give name: _____

Site Plan
 See below

Scale 1" = _____ ft.

Elevation Readings
 A - 1.60 28"
 B - 2.40 18"
 C - 2.40 18"
 D - 3.90 0

Lot dimensions taken from deed
 unaware of any recent survey

⊙ Designates Elevation Reference Point

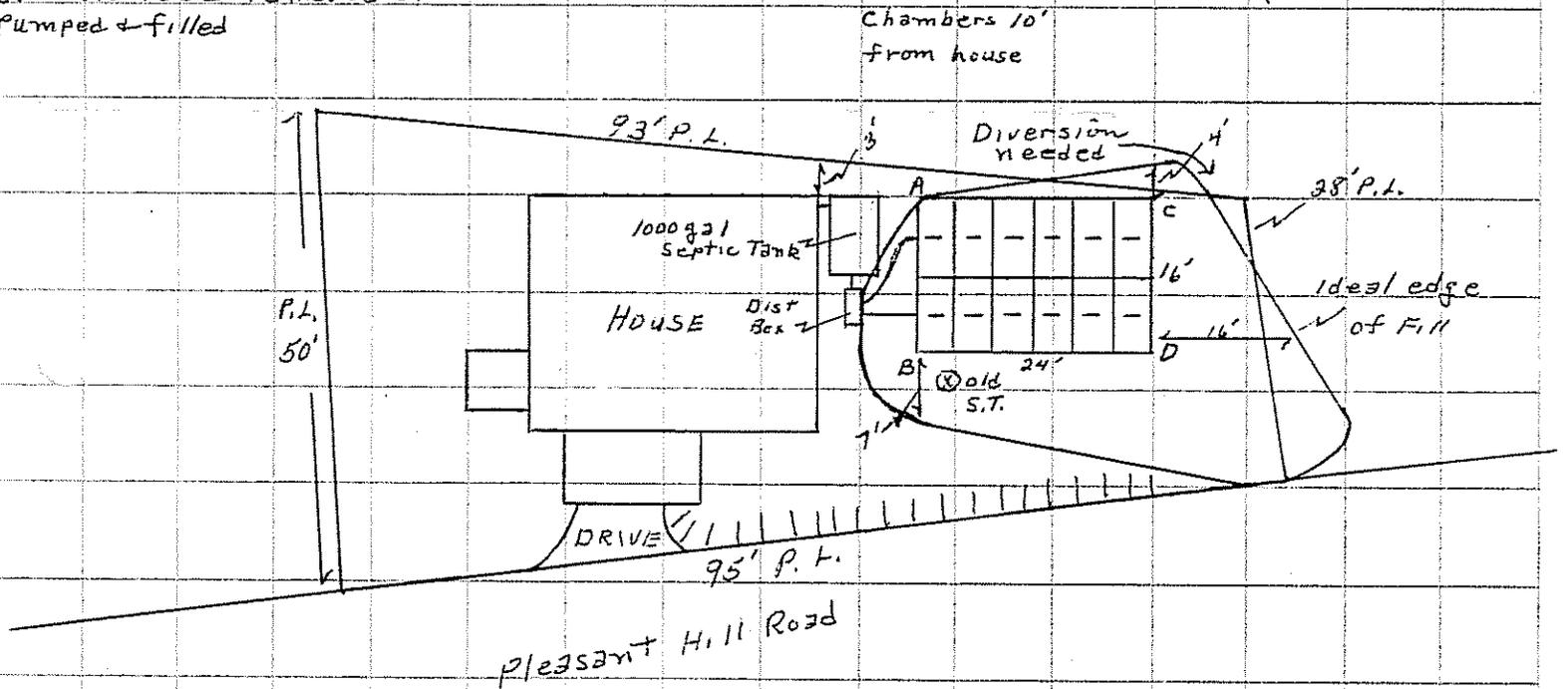
○ Designates Test Pit

Private Sewage Disposal Plan

Scale 1" = 20' or _____

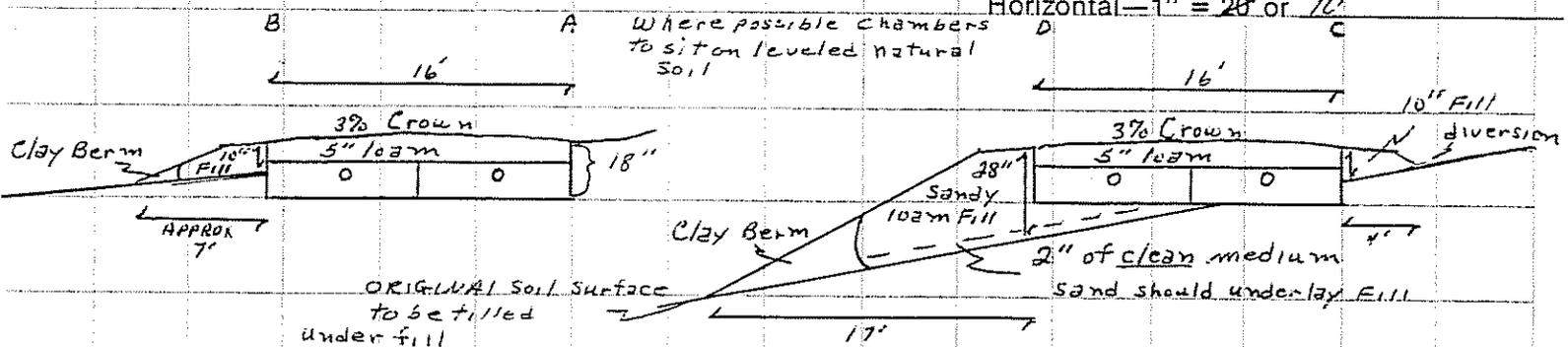


Old S.T. to be removed or
 pumped & filled



Subsurface Absorption Area Cross-section

Scale: Vertical - 1" = 5' or _____
 Horizontal - 1" = 20' or 10' _____



Site Evaluator's Signature

Date

License Number

Roger Miller

26 May 1979

106

Signature Required

HHE-200 1/78

Date: 6-1-79

Applicant:

Owner: Stephen Burroughs

I certify that all the information submitted to be true and correct; and I understand that issuance of a permit is based upon the information and plans submitted by the applicant. I also understand that any falsification of this application is reason to deny a permit to install a private sewage disposal system and that the permit is valid for a six (6) month period from the date of permit issuance. I understand that no guarantee is intended or implied by reason of any advice or approval given by the Administrative Authority or its staff.