

REPLACEMENT SYSTEM VARIANCE REQUEST

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application for the proposed replacement system which does not comply with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System from the rules.
2. A system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.

Handwritten: Town CAPM

GENERAL INFORMATION

Permit No. 3020 E Town of AUGUSTA
 Date Permit Issued 7/11/94
MONTH DAY YEAR
 Property Owner's Name: GERARD VEILLEUX Tel. No. 622-2525
 System's Location: CHURCHILL ROAD
STREET
AUGUSTA Maine 04330
TOWN ZIP
 Property Owner's Address: Box 1150 RFD 1
(if different from above) STREET
AUGUSTA ME 04330
TOWN STATE ZIP

SPECIFIC INSTRUCTIONS TO THE:

LPI:
 If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, they you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:
 If after completing the Application, you find that a variance for the proposed replacement system is needed, then complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:
 It has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

The OWNER shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

Gerard J. Valleux 7/11/94
 PROPERTY OWNER'S SIGNATURE DATE

VARIANCE CATEGORY	VARIANCE REQUESTED	LIMIT OF LPI'S APPROVAL AUTHORITY		VARIANCE REQUESTED TO:	
SOILS Soil Profile Soil Condition from HHE-200	Ground Water Table	to 6"		OLD FLEED LAND inches	
	Restrictive Layer	to 6"		inches	
	Bedrock	to 10"		inches	
SETBACK DISTANCES (IN FEET)	FROM:	TREATMENT TANK	DISPOSAL AREA	TREATMENT TANK	DISPOSAL AREA
Potable Water Supplies	1. Well: > 2000 gal/day	100'	300'		
	2. Well: < 2000 gal/day				
	a. Neighbor's	50'	60'		
	b. Property Owner's	25'	50'	40'±	68'±
	3. Water Supply Line	See note 'a'			
Waterbodies	1. Perennial	50'	60'		
	2. Intermittent	15'	20'		
	3. Manmade drainage ditch	10'	15'		
Downhill Slope	Greater than 3:1 (33%)	5'	10'		
Buildings	1. With Basement	5'	10'		
	2. Without Basement	5'	10'		
Property Line		4'	5'		

OTHER

1. Fill extension Grade—to 3:1

2.

3.

Footnotes:

- a. This setback distance cannot be reduced by variance. See Table 6-2.
- b. Written Permission from the owner of a well is required when a replacement system will be located less than 100 feet but closer to that well than the system it is replacing.
- c. Sufficient distance shall be maintained to assure that the top of the fill does not extend to the 3:1 slope.

John W. Laska
SITE EVALUATOR'S SIGNATURE

7/6/94
DATE

LPI STATEMENT

I, *Ray R. Laska*, LPI for the Town of *Angus* have conducted an on-site inspection for the proposed replacement system and have determined to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Wastewater Disposal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in **Comments** Section below and return to the applicant.

—OR—

b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in **Comments** Section below as to why the proposed replacement system is not being recommended.

Comments:

Ray R. Laska
LPI'S SIGNATURE

7/11/94
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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

7/14/94
 Department of Human Services
 Division of Health Engineering
 (207)289-3826

PROPERTY ADDRESS	
Town Or Plantation	AUGUSTA
Street division Lot #	CHURCH HILL ROAD
PROPERTY OWNERS NAME	
Last: VEILLEUX First: GERARD	
Applicant Name:	
Mailing Address of Owner/Applicant (if Different)	CHURCHILL ROAD BOX 1150 RFD 1 AUGUSTA, ME 04330

Ruff inspection 7/18/94 need dam's seal.

AUGUSTA 3020 TOWN COPY

Date Permit Issued: 7/16/94 \$ 116.00 If Double Fee Charged

Local Plumbing Inspector Signature: [Signature] L.P.I. # 850

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]
 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

<p>THIS APPLICATION IS FOR:</p> <p>1. <input type="checkbox"/> NEW SYSTEM 2. <input checked="" type="checkbox"/> REPLACEMENT SYSTEM 3. <input type="checkbox"/> EXPANDED SYSTEM 4. <input type="checkbox"/> EXPERIMENTAL SYSTEM</p> <p>SEASONAL CONVERSION to be completed by the LPI</p> <p>5. <input type="checkbox"/> SYSTEM COMPLIES WITH RULES 6. <input type="checkbox"/> CONNECTED TO SANITARY SEWER 7. <input type="checkbox"/> SYSTEM INSTALLED - P# _____ 8. <input type="checkbox"/> SYSTEM DESIGN RECORDED AND ATTACHED</p> <p>IF REPLACEMENT SYSTEM: YEAR FAILING SYSTEM INSTALLED <u>1964</u> THE FAILING SYSTEM IS: 1. <input type="checkbox"/> BED 3. <input checked="" type="checkbox"/> TRENCH <u>STEEL SEPTIC</u> 2. <input type="checkbox"/> CHAMBER 4. <input checked="" type="checkbox"/> OTHER: <u>TANK</u></p> <p>SIZE OF PROPERTY: <u>1 ACRE ±</u> ZONING: <u>RESIDENTIAL</u></p>	<p>THIS APPLICATION REQUIRES:</p> <p>1. <input type="checkbox"/> NO RULE VARIANCE 2. <input type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form 3. <input checked="" type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form a. <input checked="" type="checkbox"/> Requiring Local Plumbing Inspector Approval b. <input type="checkbox"/> Requires State and Local Plumbing Inspector Approval 4. <input type="checkbox"/> MINIMUM LOT SIZE VARIANCE</p> <p>DISPOSAL SYSTEM TO SERVE:</p> <p>1. <input checked="" type="checkbox"/> SINGLE FAMILY DWELLING 2. <input type="checkbox"/> MODULAR OR MOBILE HOME 3. <input type="checkbox"/> MULTIPLE FAMILY DWELLING 4. <input type="checkbox"/> OTHER _____ SPECIFY _____</p>	<p>INSTALLATION IS:</p> <p>COMPLETE SYSTEM</p> <p>1. <input checked="" type="checkbox"/> NON-ENGINEERED SYSTEM 2. <input type="checkbox"/> PRIMITIVE SYSTEM (Includes Alternative Toilet) 3. <input type="checkbox"/> ENGINEERED (+ 2000 gpd)</p> <p>INDIVIDUALLY INSTALLED COMPONENTS:</p> <p>4. <input type="checkbox"/> TREATMENT TANK (ONLY) 5. <input type="checkbox"/> HOLDING TANK _____ GAL 6. <input type="checkbox"/> ALTERNATIVE TOILET (ONLY) 7. <input type="checkbox"/> NON-ENGINEERED DISPOSAL AREA (ONLY) 8. <input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY) 9. <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</p> <p>TYPE OF WATER SUPPLY <u>EXISTING DRILLED WELL</u></p>
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DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p>TREATMENT TANK</p> <p>1. <input checked="" type="checkbox"/> SEPTIC: <input checked="" type="checkbox"/> Regular <u>OR</u> <input checked="" type="checkbox"/> Low Profile 2. <input type="checkbox"/> AEROBIC</p> <p>SIZE: <u>1000</u> GALS.</p>	<p>WATER CONSERVATION</p> <p>1. <input checked="" type="checkbox"/> NONE 2. <input type="checkbox"/> LOW VOLUME TOILET 3. <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM 4. <input type="checkbox"/> ALTERNATIVE TOILET</p> <p>SPECIFY: _____</p>	<p>PUMPING</p> <p>1. <input checked="" type="checkbox"/> NOT REQUIRED 2. <input type="checkbox"/> MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION) 3. <input type="checkbox"/> REQUIRED DOSE: _____ GALS.</p>	<p>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)</p> <p style="font-size: 1.2em; text-align: center;"><u>TWO BEDROOM SINGLE FAMILY DWELLING</u></p> <p>DESIGN FLOW: <u>180</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>1</u></td> <td style="text-align: center;"><u>D</u></td> </tr> </table> <p>DEPTH TO LIMITING FACTOR: <u>26</u></p>	PROFILE	CONDITION		<u>1</u>	<u>D</u>	<p>SIZE RATINGS USED FOR DESIGN PURPOSES</p> <p>1. <input type="checkbox"/> SMALL 2. <input type="checkbox"/> MEDIUM 3. <input type="checkbox"/> MEDIUM-LARGE 4. <input checked="" type="checkbox"/> LARGE 5. <input type="checkbox"/> EXTRA LARGE</p>
PROFILE	CONDITION					
<u>1</u>	<u>D</u>					

SITE EVALUATOR STATEMENT - Design subject to local, state and federal ordinances.

On 4/25/94 + 7/6/94 (date) 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. as per variance.

[Signature] 168 7-6-94
 Site Evaluator Signature SE# Date

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 HHE-200 Rev. 11/86

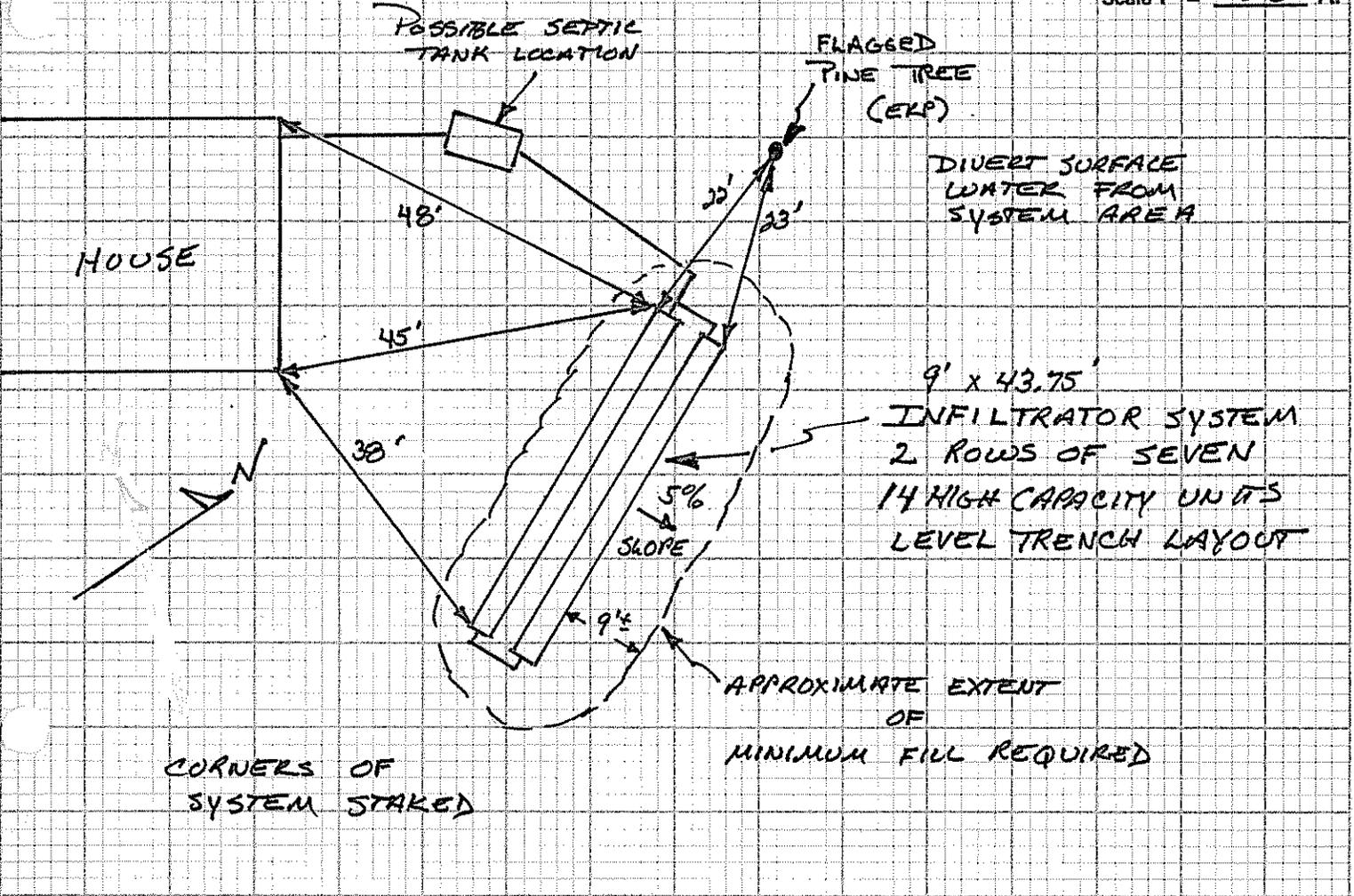
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: **AUGUSTA** Street, Road, Subdivision: **CHURCHILL ROAD** Owners Name: **GERARD VEILLEUX**

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS
Depth of Fill (Upslope) 10"
Depth of Fill (Downslope) 14 1/2"

CONSTRUCTION ELEVATIONS
Reference Elevation is 0
Bottom of Disposal Area -53"
Top of Distribution Lines or Chambers -37"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION (ERP)
FLAGGED NAIL IN FLAGGED PINE TREE 35" ABOVE EXISTING GRADE AT TREE.

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = Ft.
Horizontal: 1 inch = Ft.

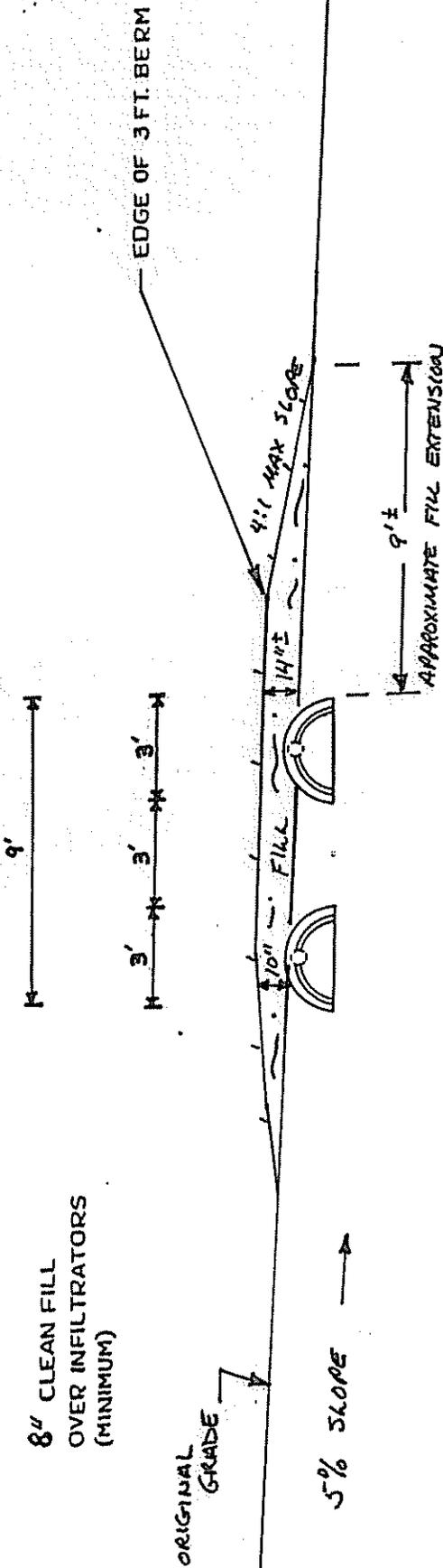
(SEE ATTACHED INFILTRATOR DIAGRAM)

John A. L...
Site Evaluator Signature

168
SE#

7-6-94
Date

INFILTRATOR CROSS-SECTION 5%



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 AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE
 FILL UNDER INFILTRATORS TO BE GRAVELLY LOAMY COARSE SAND TEXTURE.
 FILL AROUND INFILTRATORS TO BE GRAVELLY LOAMY COARSE SAND TEXTURE.

SITE EVALUATOR: <i>John W. Lord Jr.</i> SE # <u>168</u>		PERCENT SLOPE: <u>5%</u>
OWNER: <u>GERARD VEULEUX</u>	NUMBER OF INFILTRATORS: <u>2</u>	ROWS OF SEVEN: <u>14</u>
LOCATION: <u>AUGUSTA</u>	ELEVATIONS:	
DATE: <u>7-6-94</u>	SCALE: <u>1 INCH = 5 FEET</u>	REFERENCE PI: <u>0</u>
		BOTTOM TRENCH #1: <u>-53"</u>
		BOTTOM TRENCH #2: <u>-53"</u>