

Vainey, David

Division of Health Engineering
Station No. 10
State House
Augusta, Maine 04333

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

HME-200
Page 1 of 2

This Is NOT A Permit; This Form When Completed Must Be Presented To The Local Plumbing Inspector To Obtain A Permit

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

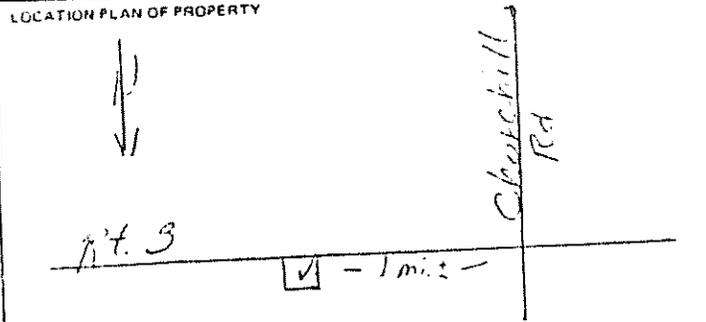
Variance: None Required Replacement System Variance With LPI Approval Dept. Review New System Variance

PROPERTY LOCATION: Augusta Town, Plantation Rt. 3 Street, (Box) _____ Subdivision Name _____ Lot No. _____

PROPERTY OWNER or APPLICANT: David Vainey

Mailing Address: RFD 1 Street 623-1410 Tel. No. _____

Windsor Town Maine State 04363 Zip Code

LOCATION PLAN OF PROPERTY: 

TYPE OF STRUCTURE, DESIGN FLOW: Single Family Dwelling Number of Bedrooms _____ Design Flow _____ GPD
Design Flow based on Minimum Moderate Conservative
 Reduction in Design Flow due to Water Conservation
If so, specify type (s) _____

Other Establishment, Specify ADD SUPPLY Type of Facility 1 EMPLOYEES - NON-PUBLIC
(Number of Employees, Seating Capacity, Building Size, etc.)
Design Flow 30 GPD If greater than 2000 GPD, Specify Professional Engineer _____

PROPERTY INFORMATION: Area of Property 10 Sq. Ft. Acres Zoned Not Zoned
If zoned, type of zoning GEN. PUR.
Property on Water Body, If so, Name of Water Body _____
Water Supply is: Public Utility Drilled Well _____ depth
 Dug Well _____ depth Well Point Spring Surface Water

SOIL PROFILE DESCRIPTION Location of Observation Holes shown on page 2

TEXTURAL DESCRIPTION OF EACH SOIL STRATS ENCOUNTERED	Observation Hole No. <u>1</u>	Observation Hole No. _____
	<input type="radio"/> Test Pit <input checked="" type="radio"/> Boring	<input type="radio"/> Test Pit <input type="radio"/> Boring
Organic Strata or (Existing Fill) _____ Thickness _____	Organic Strata or (Existing Fill) _____ Thickness _____	Organic Strata or (Existing Fill) _____ Thickness _____
1st Original Mineral Soil Strata <u>B. S.I.L.</u> Depth from 0" to <u>10"</u> Thickness <u>10"</u>	1st Original Mineral Soil Strata Depth from 0" to _____ Thickness _____	1st Original Mineral Soil Strata Depth from 0" to _____ Thickness _____
2nd <u>WOTTLED C/S</u> Depth from <u>10"</u> to <u>40"</u> Thickness <u>30"</u>	2nd Depth from _____ to _____ Thickness _____	2nd Depth from _____ to _____ Thickness _____
3rd Depth from _____ to _____ Thickness _____	3rd Depth from _____ to _____ Thickness _____	3rd Depth from _____ to _____ Thickness _____
4th Depth from _____ to _____ Thickness _____	4th Depth from _____ to _____ Thickness _____	4th Depth from _____ to _____ Thickness _____
Total Depth of Observation Hole _____	Total Depth of Observation Hole _____	Total Depth of Observation Hole _____
Maximum Seasonal High Ground <input type="radio"/> None evident <input checked="" type="radio"/> Water Table Depth <u>10"</u>	Maximum Seasonal High Ground <input type="radio"/> None evident <input type="radio"/> Water Table Depth _____	Maximum Seasonal High Ground <input type="radio"/> None evident <input type="radio"/> Water Table Depth _____
Depth to Restrictive Layer <input type="radio"/> None evident <input checked="" type="radio"/> <u>17"</u>	Depth to Restrictive Layer <input type="radio"/> None evident <input type="radio"/> _____	Depth to Restrictive Layer <input type="radio"/> None evident <input type="radio"/> _____
Depth to Bedrock <input type="radio"/> None evident <input checked="" type="radio"/>	Depth to Bedrock <input type="radio"/> None evident <input type="radio"/> _____	Depth to Bedrock <input type="radio"/> None evident <input type="radio"/> _____
PROFILE <u>9</u> CONDITION <u>D</u> SLOPE <u>7%</u>	PROFILE _____ CONDITION _____ SLOPE <u>0%</u>	PROFILE _____ CONDITION _____ SLOPE <u>0%</u>

DISPOSAL SYSTEM PROPOSED Location of system and Details on Proposed Plan on page 2

TYPE OF SYSTEM: Combined System Separated System

TREATMENT TANK: Septic Tank Aerobic Tank
Size 750 Gals.

DOSSAGE: Pumping is not required Pumping is required
The dose should be _____ Gals.
Dosage chamber capacity _____ Gallons

SUBSURFACE DISPOSAL AREA/TYP: Trench Disposal Area
Total linear feet of trench _____ ft.
Number of Trench lines _____ ft.
Length of each trench line _____ ft.
Depth of Stone _____ inches.
Reduction on trench length due to stone depth _____ ft.
 Bed Disposal Area
Total bed area _____ sq. ft.
Number of beds _____
Width _____ ft. Length _____ ft.
 Chamber Disposal Area
Total chamber area 96 sq. ft.
Number of chambers 1
Width 4 ft. Length 24 ft.
 If 20 required

SYSTEM SIZE RATING: Small Medium Medium Large Large Extra Large

DISPOSAL AREA ELEVATION: Depth of Upslope Fill required 21 inches.
Depth of Downslope Fill required 24 inches.
Reference Elevation Point established at 0 Elevation.
Disposal Area Bottom to be established at -53 Elevation.
Top of Distribution Lines or Top of Chambers -40 Elevation.

Yes No: The proposed subsurface disposal area will be located at least 100 feet from any and all wells, springs, surface water bodies and courses (lakes, ponds, ocean, brook stream, river), swamps, marshes, and bogs.
 Yes No: The proposed subsurface disposal 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.

FOR USE BY SITE EVALUATOR: VALID COPY WITH EMBOSSED SEAL
On 8/3/80 (date), a site investigation for this project was conducted. I examined the soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the above type and size of subsurface wastewater disposal system. I also recommend the proposed disposal system layout and location shown on page 2.

Signature of Site Evaluator: Richard G. Baker License Number 51
Date signed: 8/6/80

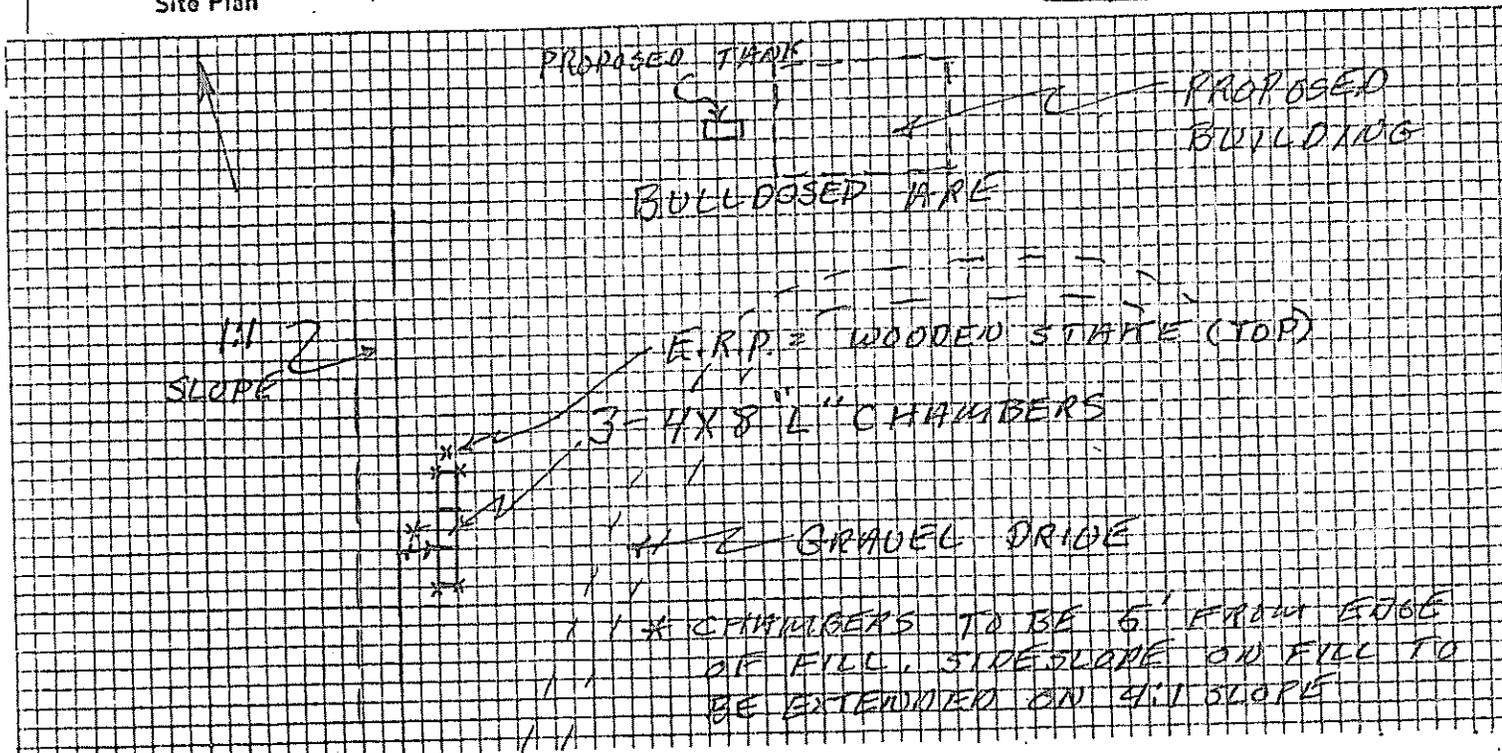
Signature of Owner/Applicant: David Vainey
Date signed: 11 Aug 80

Signature of LPI: Richard G. Baker PERMIT NO. 35250
Date: 8-7-80 Date Issued: 10 23 80

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

PROPERTY LOCATION <i>Augusta</i>	Town, Plantation <i>Pt. 3</i>	Street, Road <i>Street</i>	Subdivision Name	Lot No.
PROPERTY OWNER or APPLICANT <i>David Varney</i>	DISPOSAL AREA ELEVATION Depth of Upslope Fill required <i>21</i> inches. Depth of Downslope Fill required <i>30±</i> inches.		Reference Elevation Point established at <i>62</i> Elevation.	Disposal Area Bottom to be established at <i>-53</i> Elevation.
Site Plan			Top of Distribution Lines or Top of Chambers <i>-40</i> Elevation.	

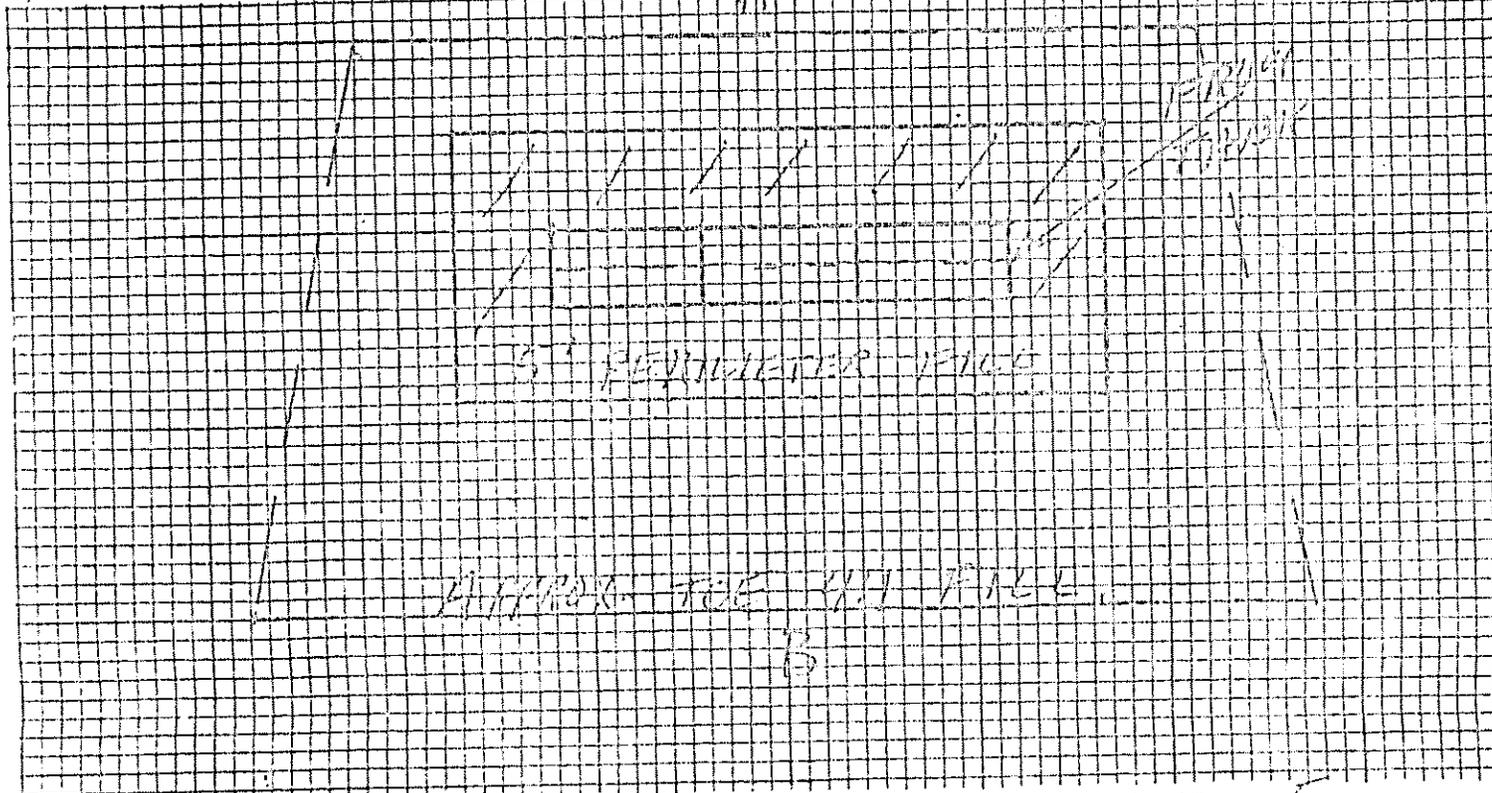
Scale 1" = 40 ft.



- ⊙ Designates Elevation Reference Point (ERP)
- ⊙ Designates Observation Hole (TP or B)

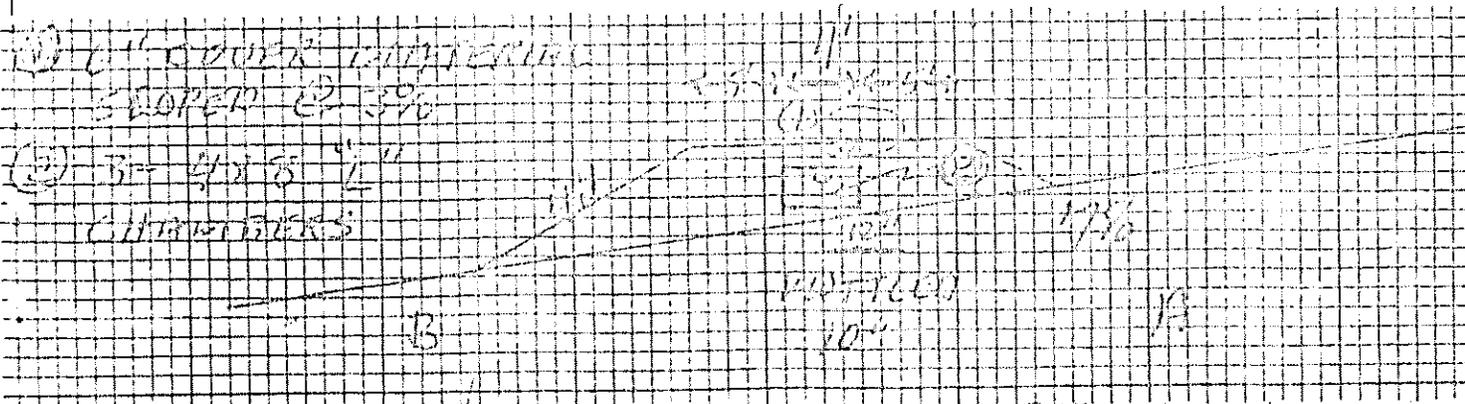
Subsurface Wastewater Disposal Plan

Scale 1" = 20' or 10'



Subsurface Wastewater Disposal Area Cross-section

Scale: Vertical: 1" = 5
Horizontal: 1" = 10



Site Evaluator's Signature

William J. Kelly

Date

8-6-80

License Number

51

New System Variance Request *Variances 601*

This form shall accompany an Application for a proposed new system which requires a Variance to certain provisions of the Subsurface Wastewater Disposal Rules.

GENERAL INFORMATION Town of AUGUSTA

Town Code Permit No. E Date Permit Issued _____ month/day/yr.

Property Owner's Name: DAVID WARNEY Tel. No. 633 1410

System's Location: RT 3 Street
AUGUSTA Town MAINE 04330 Zip

Property Owner's Address: RFD 1 Street
WINDSOR Town VT State 05365 Zip

VARIANCE CONDITIONS

1. The Department has the authority to vary the requirements of the Rules in accordance with 10-144A 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 officials or the Land Use Regulation Commission.
 - 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 (Section 5.B.2a) or Shoreland Zoning.
 - 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.
 2. The Local Plumbing Inspector shall not issue a Permit for the installation of a subsurface wastewater disposal system until written approval has been received from the Department.
- A check or money order to cover the \$10.00 review fee shall accompany this request form.

Specific Variance Requested (To be filled in by Site Evaluator)	SECTION OF CODE
1. <u>3 CHAMBERS ON 7-D SOIL</u>	<input type="text" value="6"/> . <input type="text" value="01"/>
2.	<input type="text" value=""/> . <input type="text" value=""/>
3.	<input type="text" value=""/> . <input type="text" value=""/>
4.	<input type="text" value=""/> . <input type="text" value=""/>
5.	<input type="text" value=""/> . <input type="text" value=""/>
6.	<input type="text" value=""/> . <input type="text" value=""/>

If Variance requested is for Sec. 6.B.3 Sutable Soil Conditions, fill in table below.

SOIL, SITE, AND OTHER FACTORS FOR ASSESSING NEW SYSTEM VARIANCE POTENTIAL (SEE TABLE 16-1)	Fill Box Below with appropriate information required	RELATIVE POTENTIAL (pts)			
		High	Moderate	Low	Not Recommended
SOIL PROFILE (FROM TABLE 6-1)	<u>9-D</u>		<u>10</u>		
DEPTH TO SEASONAL GROUND WATER TABLE	<u>10</u>		<u>10</u>		
SLOPE AT SITE OF DISPOSAL AREA	<u>7</u>	<u>10</u>			
SIZE OF PROPERTY	<u>10</u>	<u>15</u>			
GALLONS OF WASTEWATER PER DAY TO BE TREATED	<u>COMBI <150</u>	<u>10</u>			
SYSTEM DESIGN CRITERIA	<u>CONS</u>	<u>10</u>			
WATER SUPPLY <u>DRILLED WELL UPSLOPE</u>		<u>10</u>			
ZONING AND LAND USE	<u>GEN PER</u>	<u>10</u>			

70*
3/5 TOTAL

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). In addition, all the variance conditions listed on the front page must be documented.

Conduct the work as planned.

(Attach additional sheets, if needed)

I, David A. [Signature], am the owner prospective owner of the subject property. I understand that the installation illustrated on the HHE-200 Form 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. The Site Evaluator designing the system shall be retained to inspect the system during installation.

Signature of Owner
 Signature of Prospective Purchaser

Date

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 an HHE-200 FORM. 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.

The proposed system is located on a well drained slope. 3 chambers are approximately 5 square feet each. The system is designed to meet the minimum requirements.

I see no reason to deny this request.

(Attach additional sheets, if needed)

I, [Signature], S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Code requirements. In my judgement, I certify that the proposed system design on the HHE-200 form is the best alternative available, enhances the potential of the site for subsurface wastewater disposal, and that the system should function properly as per the justifications outlined on the application.

Signature of Site Evaluator

Date

LOCAL PLUMBING INSPECTOR: Richard P. Bahr 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, Richard P. Bahr, 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 HHE-200 Form.

Signature of L

Date



STATE OF MAINE

DEPARTMENT OF HUMAN SERVICES

RECEIPT NUMBER **347259**

DATE 8/11/80

HOW PAID

AMOUNT \$ 10.00

CHECK ID. NO. 01682

M.O. ID. NO. _____

BY J.P.S.

CASH

RECEIVED OF Dorothy Auto Parts

FOR Oil

APPROPRIATION # 1310 ACTIVITY # 500 U.S./C.O. 21615

▼ FOR AFDC USE ONLY ▼

CHECK ONLY IF NEW CASE

DISTRICT _____

CASE # _____

2



STATE OF MAINE

DEPARTMENT OF HUMAN SERVICES

RECEIPT NUMBER **347258**

8/11/80
AMOUNT \$ 10.00
Job

HOW PAID

CHECK ID. NO. 9671

M.O. ID. NO. _____

CASH

RECEIVED Donney's Auto Parts
Wauanes

APPROPRIATION # 4310 ACTIVITY # 5001 I.S./C.O. 2015

▼ FOR AFDC USE ONLY ▼

CHECK ONLY IF NEW CASE

DISTRICT _____

CASE # _____

August 7, 1980

Department of Human Services
Division of Health Engineering
Station 10
Augusta, Maine 04333

Attention: David P. Breau
Plans & Standards Review Section

Re: Variance to the State of Maine Subsurface Wastewater Disposal
Rules, David Varney's property, North Belfast Ave.

Dear Mr. Breau:

The Municipal Officials of Augusta are aware that David Varney, lot 48 on Assessors' Map 7 in our records, is applying for an approval from your Department for a variance to the Rules due to the following condition:

Bed on 9-D soil

We, the Municipal Officials of Augusta, understand that the property does not meet the minimum requirements of the Subsurface Wastewater Disposal Rules, but understand that David Varney is attempting to meet any special requirements or criteria for the New System Variance.

The proposed residence is within the jurisdiction of the City of Augusta.

If the variance is approved, and the disposal system should malfunction in the future, the Municipal Officials understand that they shall be obligated to take appropriate steps to insure correction of the malfunctioning system under the Malfunctioning Domestic Sewage Disposal Laws, Title 30, Section 4359.

Municipal Officials, Augusta,
Maine

2-15-31

August 7, 1980

Department of Human Services
Division of Health Engineering
Station 10
Augusta, Maine 04333

Attention: David B. Breau
Plans & Standards Review Section

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3 Chambers on 9-D soil

We, the Municipal Officials of Augusta, understand that the property does not meet the minimum requirements of the Subsurface Wastewater Disposal Rules, but understand that David Varney is attempting to meet any special requirements or criteria for the New System Variance.

The proposed business is within the jurisdiction of the City of Augusta.

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Municipal Officials,
Augusta, Maine

September 2, 1980

Mr. David Varney
RFD 1
Windsor, ME 04363

Subject: Variance to the Maine Subsurface Wastewater Disposal Rules, Varney property, Route 3, Augusta

Dear Sir:

This is to acknowledge receipt of the following items:

A completed MHE-200 Form by William Rideout, SE.; a completed MHE-215 Form signed by David Varney, property owner; William Rideout, SE., and Richard Baker, LPI. The above is accepted as a complete application for variance to the Subsurface Wastewater Disposal Rules. A new subsurface disposal system cannot be installed on the subject property in full compliance with the Rules, because of the installation of a cluster of 3 type 'B' chamber units on category 9D soils with a seasonal high water table at 10 inches and a restrictive layer at 17 inches, the reasons for the variance request.

In consideration of the MHE-200 Form dated August 6, 1980, along with the recommendations and justifications noted on the MHE-215 Form, this office hereby grants the responsible local plumbing inspector the authority to waive certain provisions of the Subsurface Wastewater Disposal Rules, for the following new disposal system under the authority of Section 16.A of the Rules.

The installation of a 750 gallon septic tank followed by a cluster of 3 type 'B' chamber units with a total bottom area of at least 96 square feet.

At least 21 inches and 24 inches of fill shall be applied on the uphill and downhill sides of the disposal field, respectively. The fill shall be of a texture similar to the original soil and will provide a 12 inch separation between the bottom of the disposal bed and the seasonal high water table and impervious layer. The fill must be extended in all directions as required by Section 11.D of the Subsurface Wastewater Disposal Rules.

This office points out that the rules require that the Site Evaluator, Mr. Rideout, be retained to stake out the system and elevations at the time of construction of the system.

In all other respects the installation is to comply with the Subsurface Wastewater Disposal Rules and follow the plan submitted with this proposal.

Please be advised that this approval is in no way to be construed as a guarantee of the system's performance. You are reminded that the correction of any future nuisance conditions is the responsibility of the property owner.

Mr. David Varney
September 2, 1980
Page 2

Final approval of the sewage portion is subject to permit by the Local Plumbing Inspector before the construction of this system. A completed HHE-200 Form must be submitted to him for processing. The inspector is to be notified before covering the work, and the work is to be left uncovered until his inspection. He shall be supplied with copies of approved plans for his reference at inspection. Approval is also subject to any local ordinances and state laws.

Very truly yours,


David P. Breaux
Plans & Standards Review
Division of Health Engineering

DPB/lh

cc: William Rideout, SE
Richard Baker, LPI ✓

September 2, 1980

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Windsor, ME 04363

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In consideration of the HHE-200 Form dated August 6, 1980, along with the recommendations and justifications noted on the HHE-215 Form, this office hereby grants the responsible local plumbing inspector the authority to waive certain provisions of the Subsurface Wastewater Disposal Rules, for the following new disposal system under the authority of Section 16.A of the Rules.

The installation of a 1000 gallon septic tank followed by a 80'x20' bed system.

At least 26 inches and 42 inches of fill shall be applied on the uphill and downhill sides of the disposal field, respectively. The fill shall be of a texture similar to the original soil and will provide a 12 inch separation between the bottom of the disposal bed and the seasonal high water table and impervious layer. The fill must be extended in all directions as required by Section 11.D of the Subsurface Wastewater Disposal Rules.

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Very truly yours,



David P. Breau
Plans & Standards Review
Division of Health Engineering

DPB/lh

cc: William Rideout, SE
Richard Baker, LPI ✓

City of Augusta

City Hall - Augusta Maine



PLUMBING INSPECTOR

Richard P. Baker
622-3041

August 7, 1980

Department of Human Services
Division of Health Engineering
Station 10
Augusta, Maine 04333

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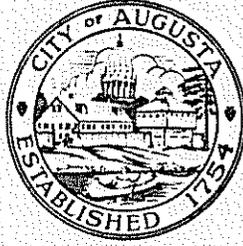
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Frederick L. Savage
Robert H. Whitcomb
Stanley J. Smith
James A. Thomas

Municipal Officials, Augusta,
Maine

City of Augusta

City Hall - Augusta Maine



PLUMBING INSPECTOR

Richard P. Baker
622-3041

August 7, 1980

Department of Human Services
Division of Health Engineering
Station 10
Augusta, Maine 04333

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Augusta, Maine