

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.: 14 Maple Street Plumbing Permit No.: 23973 EP Date Of Plumbing Permit: 10/18/79
 If On Water Body, Give Name: _____

Owner Of Property: Edward Robinson Tel. No.: 870 Name Of Applicant Owner's Agent: _____ Tel. No.: _____

Street: _____

Town: Augusta State: Maine Zip Code: _____

Owner's Signature: Edward Robinson Date: _____ Applicant's Signature: _____ Date: _____

Size Of Lot: 3.0± Sq. Feet Acres Is Lot Zoned? 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 _____

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

Soil Profile No.	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
Organic Strata	Organic Strata	Organic Strata	Organic Strata	Organic Strata	Organic Strata	Organic Strata
1st Strata <u>brown sand</u>	1st Strata					
Inches <u>2'</u>	Inches	Inches	Inches	Inches	Inches	Inches
2nd Strata <u>olive sand (silty)</u>	2nd Strata					
Inches <u>2'</u>	Inches	Inches	Inches	Inches	Inches	Inches
3rd Strata <u>brown silt loam</u>	3rd Strata					
Inches <u>2'</u>	Inches	Inches	Inches	Inches	Inches	Inches
4th Strata <u>grey silt loam</u>	4th Strata					
Inches <u>10"</u>	Inches	Inches	Inches	Inches	Inches	Inches
Total Depth of Observation Hole Inches <u>22'</u>	Total Depth of Observation Hole Inches					
Max. Seasonal Water Table Mottling <u>8</u> Inches <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling _____ Inches <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling _____ Inches <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling _____ Inches <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling _____ Inches <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling _____ Inches <input type="radio"/> None Evident	Max. Seasonal Water Table Mottling _____ Inches <input type="radio"/> None Evident
Impervious Layer Clay, Etc. <u>12-13</u> Inches <input type="radio"/> None Evident	Impervious Layer Clay, Etc. _____ Inches <input type="radio"/> None Evident	Impervious Layer Clay, Etc. _____ Inches <input type="radio"/> None Evident	Impervious Layer Clay, Etc. _____ Inches <input type="radio"/> None Evident	Impervious Layer Clay, Etc. _____ Inches <input type="radio"/> None Evident	Impervious Layer Clay, Etc. _____ Inches <input type="radio"/> None Evident	Impervious Layer Clay, Etc. _____ Inches <input type="radio"/> None Evident
Bedrock <input checked="" type="radio"/> None Evident Type of Bedrock _____	Bedrock <input type="radio"/> None Evident Type of Bedrock _____	Bedrock <input type="radio"/> None Evident Type of Bedrock _____	Bedrock <input type="radio"/> None Evident Type of Bedrock _____	Bedrock <input type="radio"/> None Evident Type of Bedrock _____	Bedrock <input type="radio"/> None Evident Type of Bedrock _____	Bedrock <input type="radio"/> None Evident Type of Bedrock _____
Surface Slope <u>10</u> %	Surface Slope _____ %	Surface Slope _____ %	Surface Slope _____ %	Surface Slope _____ %	Surface Slope _____ %	Surface Slope _____ %
Soil Group <u>I</u> Soil Condition <u>D</u> # <u>4</u> Per Table 9-1 Code II	Soil Group _____ Soil Condition _____ Per Table 9-1 Code II	Soil Group _____ Soil Condition _____ Per Table 9-1 Code II	Soil Group _____ Soil Condition _____ Per Table 9-1 Code II	Soil Group _____ Soil Condition _____ Per Table 9-1 Code II	Soil Group _____ Soil Condition _____ Per Table 9-1 Code II	Soil Group _____ Soil Condition _____ Per Table 9-1 Code II

On 9-21-79 (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: Stephen P. Jones Site Evaluator License Number: _____
 Date Signed: 9-20-79

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

SYSTEM:	TREATMENT TANK	SUBSURFACE ABSORPTION AREA/TYPE	SIZE	SITE MODIFICATION
<input 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	<input type="radio"/> Aerobic Tank <input checked="" type="radio"/> Septic Tank <input type="radio"/> Concrete <input type="radio"/> Fiberglass <input type="radio"/> Metal Size in Gallons: <u>1000</u> Gal. Number of Bedrooms: <u>1</u>	<input checked="" type="radio"/> Bed System No. of Beds <u>1</u> Length <u>44</u> ft Width <u>10</u> ft <input type="radio"/> Chamber System Number _____ <input type="radio"/> Type A <input type="radio"/> Single File <input type="radio"/> Type B <input type="radio"/> Cluster <input type="radio"/> Special System Length _____ ft Width _____ ft <input type="radio"/> Laundry System Type A _____ Type B _____ No. of Chambers _____	<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 <u>125</u> GPD	Fill will be: <u>28</u> in. uphill <u>40</u> in. downhill DETAILS <input checked="" type="radio"/> A Distribution Box is required Pumping is— <input type="radio"/> required <input checked="" type="radio"/> is not required The dose will be _____ Gallon DISTANCES <input type="radio"/> Yes <input type="radio"/> No: The proposed subsurface absorption area will be located at least 100 feet from any and all wells or springs; surface water bodies and courses (lake, pond, ocean, brook, stream, river); swamps, marshes, and bogs. <input type="radio"/> Yes <input type="radio"/> No: The proposed subsurface absorption area will be located at least 300 feet from any and all wells or springs producing 2000 gallons or more of water per day and any public water supplies.

PROPERTY/LOT LOCATION MAP

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 _____ without condition

Signed LPI: Richard P. Baker Date: 10/18/79

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT
(For systems disposing of less than 2000 gallons per day)

Town

Street, Road, etc

Owner of Property

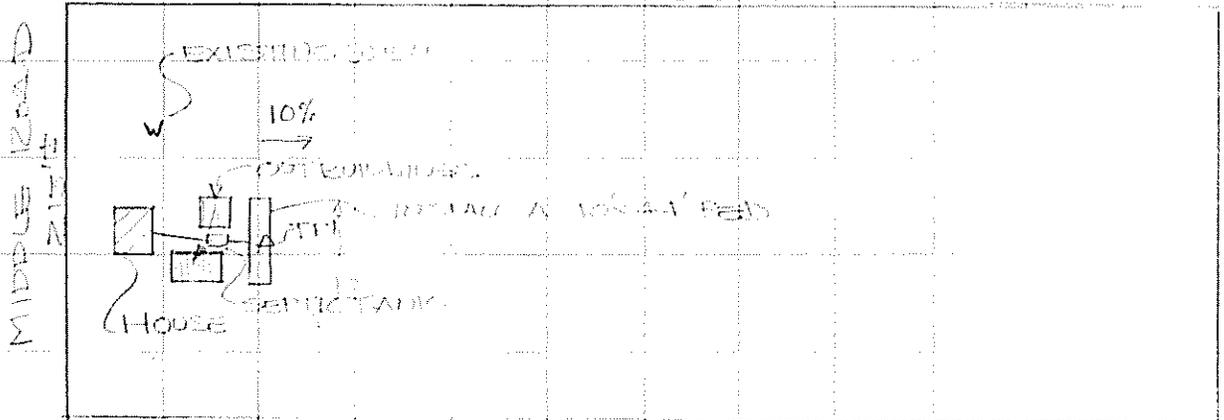
AUGUSTA

If on water body, give name

EDWARDS

Site Plan

Scale 1" = 120 ft.



Private Sewage Disposal Plan

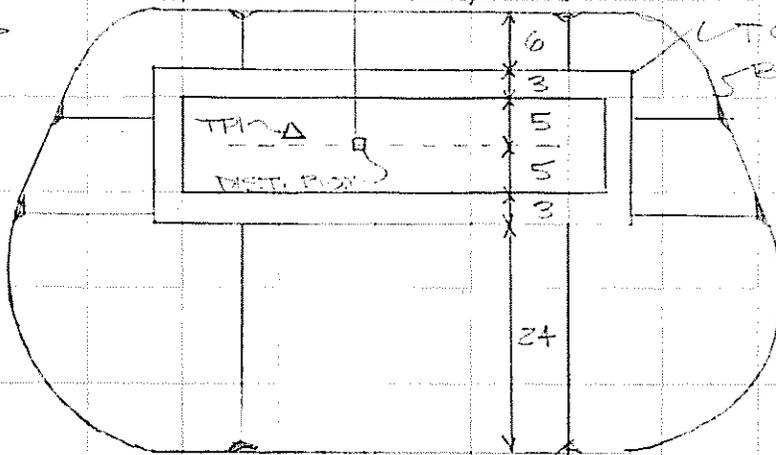
OUTBUILDING (NO FOOD)

SEPTIC TANK

Scale 1" = 20' or

INSTALL A 44' LONG BY 10' WIDE BED WITH ONE DISTRIBUTION LINE 34' LONG

OUTBUILDING TO BE REMOVED

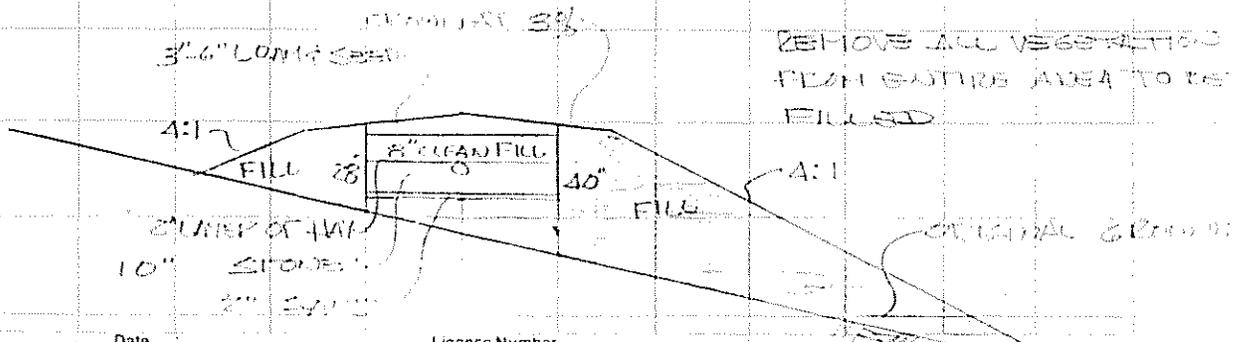


TOP OF FILL
BOTTOM OF FILL

FILL AS NECESSARY OVER PIPES AND SEPTIC TANK. GRADE TO PROMOTE DRAINAGE AROUND BED.

Subsurface Absorption Area Cross-section

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



Site Evaluators Signature

Date

License Number

Stephen E. Fournier

7-30-79

124

Signature Required

HHE-200

Statement: (no permit may be issued unless signed)

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 agent.

Date:

Edward Robinson
10-18-79

Applicant

Owner:

STATEMENTS

STATEMENT OF OWNER

I, _____, 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. This system is to replace an existing direct discharge or subsurface wastewater disposal system. Should the proposed replacement 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.

Edward Robinson 10/18/79
Signature of Owner Date

STATEMENT OF SOIL EVALUATOR

I, Stephen E. Fox, 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.

Stephen E. Fox
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, _____, 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 replacement subsurface wastewater disposal system on this property.

Based upon my conclusions, I permit the installation of the sewage disposal system as proposed and shown on the HHE-200 FORM.

Signature of Local Plumbing Inspector Date

WAIVER CONDITIONS

- A. **APPLICABILITY.** These variances relate to existing single family dwellings only. Any variances requested on the reverse side of this application must maintain as near as possible the requirements of the Part II, Plumbing Code on "Subsurface Wastewater Disposal Regulations". For example, if a disposal area can be 90 feet from the owner's well then the 90 feet is to be allowed; not the bare minimum of 60 feet. If the restriction is such that it is less than the requirements here given, then a state variance is required. Any variances or waiver requests not covered in this agreement involving other types of structures or other conditions require submission to the Division for review. All local ordinances must be complied with.
- B. **SOIL EVALUATOR'S RESPONSIBILITIES.** The property shall be visited by a qualified soil evaluator who shall investigate the site and complete the HHE-200 FORM recommending a wastewater disposal system which can best conform with the requirements of the Code. The investigator shall inform his client that a waiver is required and indicate so on the HHE-200 FORM. He should then refer his client to the local Plumbing Inspector.
- C. **LOCAL PLUMBING INSPECTOR'S RESPONSIBILITIES.** The Local Plumbing Inspector shall review the soil evaluation HHE-200 FORM and complete the waiver request form attached. Once it is determined that the waiver request is the most practical approach to correcting the applicant's problem, the Local Plumbing Inspector shall see that the statement portions of the waiver form are completed by the homeowner and the soil evaluator before giving final approval.
- D. **RECORDS.** A copy of the waiver request forms and the associated HHE-200 FORMS shall be provided to the homeowner, the soil evaluator, the L.P.I. 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.
- E. **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.
- F. **SECTION OF THE CODE WHICH CAN BE WAIVED.** The authority of issuing waivers at the municipal level is restricted to those sections specifically identified on the check-off portion of the waiver request form.
- G. **RESCINDING OF WAIVER RIGHTS.** If the Division, in its review of these waivers, finds that a local plumbing inspector or soil evaluator exceeds the limits and limitations spelled out in this agreement, the Division will remove this privilege from that individual.
- H. **HOLDING TANKS.** The Local Plumbing Inspector is authorized to permit the use of holding tanks in replacement situations (not to include privies) where this is the most practical alternative to serve an EXISTING SEASONAL, SINGLE FAMILY DWELLING. A minimum of 1500 gallon holding tank, along with associated alarms, may be permitted by the local plumbing inspector.

October 16, 1979

Mr. Edward Robinson
Middle Road, RFD 3
Augusta, ME 04330

Subject: Variance to the Maine Plumbing Code, Part II, Edward Robinson property, Middle Road, Augusta

Dear Sir:

This is to acknowledge receipt of the following items:

A completed HME-200 Form by Stephen Fournier SE.; a completed HME-215 Form signed by Edward Robinson, property owner; Stephen Fournier, SE., and Richard Baker, LPL. The above is accepted as a complete application for variance to the Maine Plumbing Code, Part II. A replacement subsurface disposal system cannot be installed on the subject property in full compliance with the Maine Plumbing Code, Part II, because of the installation of a 44'x10' bed system in 10 inches of fill over category 1D soil with mottling at 8 inches and an impervious layer at 12 inches with the following reductions:

1. Distance from disposal area to owner's well from 100' to 65';
2. Distance from treatment tank to owner's well from 100' to 65';
3. Size of disposal area from 54'x20' required to 44'x10' proposed based on a daily design flow of 105 gallons per day instead of 264 gallons per day.

The proposed system is designed to service a one bedroom structure with no washing facilities which is inhabited by two people. The structure has no internal toilet facilities at present, with gray water disposal area. The proposed system is designed to handle kitchen sink wastewater and bathroom wastewater with no laundry facilities.

Due to the severe nature of the variance request, this office has serious reservations about recommending approval of this variance request, but will recommend approval if the enclosed deed covenant is strictly adhered to and properly recorded in the appropriate Registry of Deeds with proof of the recording submitted to this office and the local plumbing inspector prior to issuance of the permit.

In consideration of the HME-200 Form dated September 30, 1979, along with the recommendations and justifications noted on the HME-215 Form, this office hereby grants the responsible local plumbing inspector the authority to waive certain provisions of the Maine Plumbing Code, Part II, for the following replacement disposal system under the authority of Section 3.6 of the Code.

Mr. Edward Robinson
October 16, 1979
Page 2

The installation of a 1000 gallon septic tank followed by a 44'x10' bed system.

At least 28 inches and 40 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 Chapter 9 of the Maine Plumbing Code, Part II.

In all other respects the installation is to comply with the Maine Plumbing Code, Part II, Private Sewage Disposal Regulations 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.

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. Brew
Plans & Standards Review
Division of Health Engineering

DPB/h

cc: Stephen Fournier, SE
Richard Baker, LPI ✓
enc. Covenant