



STATE OF MAINE
DEPARTMENT OF HEALTH AND WELFARE

AUGUSTA, MAINE 04330

DAVID E. SMITH
COMMISSIONER

May 30, 1975

Mr. William Bean
Legion Post #205
Eastern Avenue
Augusta, ME 04330

Subject: Sanitary Waste Disposal via Holding Tank,
American Legion Post #205, Eastern Avenue, Augusta

Dear Mr. Bean:

It is our understanding that you wish to find an alternative to your existing wastewater disposal method due to the very high pumping costs you are experiencing. Unfortunately, as explained to you previously, a holding tank is an expensive alternative that should only be considered as a last resort. It is our opinion that the Post should not have even considered the property under the circumstances.

In light of the above, we would like to add however, that considerable advances in wastewater technology have occurred over the past year and a half.

Specifically, we have learned that should you elevate a system high enough, and dose with a pump once or twice a day, that a system large enough will work. This is with the provision that the water table is not too high.

Therefore, this office is willing to entertain some type of experimental system providing you keep the holding tanks for reserve. Please contact this office for more details.

Yours very truly,

A handwritten signature in cursive script that reads "W. Clough Toppan".

W. Clough Toppan, Sanitary Engineer
Plans and Standards Review
Division of Health Engineering

WCT/mm
cc: Richard Baker, LPI



STATE OF MAINE
DEPARTMENT OF HEALTH AND WELFARE
AUGUSTA, MAINE 04330

DEAN FISHER, M. D.
COMMISSIONER

September 7, 1973

American Legion Post #205
c/o Mr. Steven Allen, Commander
Allen's Transfer
Willow Street
Augusta, Maine 04330

Subject: Waiver for Holding Tank
At Legion Post #205, Eastern Avenue,
Augusta

Dear Sir:

In consideration of your application and agreement and supplementary information recently submitted and on the recommendation of the Local Plumbing Inspector, this office will grant the right to properly install a holding tank for sewage. This requires that the tank be pumped when necessary and that the tank effluent be taken to a public sewage treatment plant for final disposal. If none is available, then the place of disposal will be one approved by officials of the town in which disposal is to take place, including the Health Officer.

This variance is for installation of 1,000 gallons or more of holding tank capacity with level indication. Tanks are to be suitably anchored to counteract buoyancy when being pumped.

Approval is subject to permit and inspection by the Local Plumbing Inspector at the time of installation. Approval of operation to be subject to local ordinances, if any, and subject to approval of the municipal officers, including the Health Officer.

Yours very truly,

James L. Faulken

For → Donald H. Hoxie
Acting Director
Division of Health Engineering

JLF:mm

cc: George Smith, LPI
Maurice R. Guillemette, Health Officer

April 29, 1980

American Legion Post 205
Attention: Mr. William Bean
Route 17
Augusta, Maine 04330

Subject: Variance to the Maine Plumbing Code, Part II, American Legion property, Route 17, Augusta

Dear Sir:

This is to acknowledge receipt of the following items:

A completed HHE-200 Form by Stephen Goodwin, SE.; a completed HHE-215 Form signed by William Bean, property owner; Stephen Goodwin, SE., and Richard Baker, LPI. The above is accepted as a complete application for variance to the Maine Plumbing Code, Part II. A new 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 cluster of 35 type 'B' chamber units in fill over category SD soils with mottling at an unknown depth and an impervious layer at 12 inches, the reasons for the variance request.

The proposed system design calls for 12 inches of fill material over the existing fill surface prior to installation of the chambers. This will maintain a greater than 12 inch separation from the bottom of the chamber area to any limiting factor.

This office would make the following recommendations concerning the actual installation of the wastewater disposal system on the subject property;

1. That the actual installation of the system be done during a period when the fill material is very dry;
2. Under the area of the bed and the fill extension a layer of approximately 4 to 6 inches of sandy type material be placed and rotatiled into the existing fill material to encourage better infiltration of the wastewater;
3. That the 3 foot fill extension at a slope of 3% be extended a distance of approximately 7 or 8 feet.

In consideration of the HHE-200 Form dated November 24, 1979, 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 Maine Plumbing Code, Part II, for the following new disposal system under the authority of Section 3.6 of the Code.

American Legion
April 29, 1980
Page 2

The conversion of the existing holding tank into a treatment tank to service the structure. This conversion is acceptable provided that the liquid working capacity of the tanks is a minimum of 1500 gallons and that the baffles are installed in accordance with those required by the plumbing code. The effluent from this converted tank to flow to a pump chamber pumping to a cluster of 35 type 'B' chambers at a dose of 300 gallons.

At least 32 inches and 32 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 HNE-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. Breau
Plans & Standards Review
Division of Health Engineering

DPB/lh

cc: Richard Baker, LPI ✓
Stephen Goodwin, SE

Application For: New System Expanded System

Application For Subsurface Waste Water Disposal Permit

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

City/Town: Augusta Street No. Route 17 # On Water Table: None Disposal System No. 23 021EP Date Of Plumbing Permit: 6-3-80

Number Of Property: American Legion Post 205 Name Of Applicant: Bill H. Bean Telephone: 622 4357

Address: Route 17 City: Augusta State: Maine Zip Code: 04330

Applicant's Signature: William H. Bean Date: 6-3-80 Applicant's Signature: [Blank] Date: [Blank]

Area Of Lot: 10± Sq. Feet Acres Is Lot Zoned? Yes No Zoning: 71A Subdivision Name: N/A

The Water Supply For This Property Is: Dug Well, depth: [Blank] Drilled Well, depth: [Blank]

Surface Water: Body Course - with disinfection without disinfection. Public Utility Name: [Blank]

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

Soil Profile No.	Soil Profile No.	Soil Profile No.	Soil Profile No.
Soil Profile No. <u>ORIGINAL</u> <input type="checkbox"/> Pa <u>1</u> <input checked="" type="checkbox"/> Borings	Soil Profile No. <u>2</u> <input type="checkbox"/> Pa <u>X</u> Borings	Soil Profile No. <u>[Blank]</u> <input type="checkbox"/> Pa <u>[Blank]</u> Borings	Soil Profile No. <u>[Blank]</u> <input type="checkbox"/> Pa <u>[Blank]</u> Borings
Organic Strata: <u>0"</u>	Organic Strata: <u>12" mixed</u>	Organic Strata: <u>[Blank]</u>	Organic Strata: <u>[Blank]</u>
1st Strata: <u>32" f.s.l. to</u>	1st Strata: <u>loam & f.s.l.</u>	1st Strata: <u>[Blank]</u>	1st Strata: <u>[Blank]</u>
2nd Strata: <u>loam, var.</u>	2nd Strata: <u>20" loam stratified</u>	2nd Strata: <u>[Blank]</u>	2nd Strata: <u>[Blank]</u>
3rd Strata: <u>mixed, fine silty clay</u>	3rd Strata: <u>stratified, sandy, silty clay</u>	3rd Strata: <u>[Blank]</u>	3rd Strata: <u>[Blank]</u>
4th Strata: <u>[Blank]</u>	4th Strata: <u>[Blank]</u>	4th Strata: <u>[Blank]</u>	4th Strata: <u>[Blank]</u>
Total Depth of Observation Hole: <u>32</u> inches	Total Depth of Observation Hole: <u>32</u> inches	Total Depth of Observation Hole: <u>[Blank]</u> inches	Total Depth of Observation Hole: <u>[Blank]</u> inches
Max. Seasonal Water Table Molding: <u>12</u> inches	Max. Seasonal Water Table Molding: <u>unknown</u> inches	Max. Seasonal Water Table Molding: <u>[Blank]</u> inches	Max. Seasonal Water Table Molding: <u>[Blank]</u> inches
Impervious Layer Clay, Etc: <u>12</u> inches	Impervious Layer Clay, Etc: <u>12</u> inches	Impervious Layer Clay, Etc: <u>[Blank]</u> inches	Impervious Layer Clay, Etc: <u>[Blank]</u> inches
Bedrock: <input checked="" type="checkbox"/> None Evident	Bedrock: <input checked="" type="checkbox"/> None Evident	Bedrock: <input type="checkbox"/> None Evident	Bedrock: <input type="checkbox"/> None Evident
Surface Slope: <u>2-4 %</u>	Surface Slope: <u>0-2 %</u>	Surface Slope: <u>[Blank]</u>	Surface Slope: <u>[Blank]</u>
Soil Group: <u>F D</u>	Soil Group: <u>Substrate F D</u>	Soil Group: <u>[Blank]</u>	Soil Group: <u>[Blank]</u>

Date: 11/5/79 Signature: Stephen E. Goodwin Site Evaluation License Number: 65

Date Signed: November 24, 1979

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

SYSTEM: <input type="checkbox"/> Combined System <input type="checkbox"/> Separated System <input type="checkbox"/> Separated system - type of human waste disposal system to be used <input type="checkbox"/> Sealed Vault Privy <input type="checkbox"/> Open Pit Privy <input type="checkbox"/> Compost Toilet <input type="checkbox"/> Chemical Toilet <input type="checkbox"/> Incinerator Toilet	TREATMENT TANK <input type="checkbox"/> Aerobic Tank <input checked="" type="checkbox"/> Septic Tank <input type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass <input type="checkbox"/> Metal Capacity: <u>1500</u> Gallons Number of Bedrooms: <u>7/1A</u>	SUBSURFACE ABSORPTION AREA/TYPE <u>71A</u> <input type="checkbox"/> Bed System No. of Beds: <u>[Blank]</u> Length: <u>[Blank]</u> ft. Width: <u>[Blank]</u> ft. <input checked="" type="checkbox"/> Chamber System Number: <u>35</u> <input type="checkbox"/> Type A <input type="checkbox"/> Single File <input checked="" type="checkbox"/> Type B <input checked="" type="checkbox"/> Cluster <input type="checkbox"/> Special System Length: <u>71A</u> Width: <u>[Blank]</u> <input type="checkbox"/> Leachate System Type A Type B No. of Chambers: <u>71A</u>	SIZE <input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Mod. Large <input checked="" type="checkbox"/> Large <input type="checkbox"/> Extra Large Design flow: <u>600</u> GPD	SITE MODIFICATION Fill will be: <u>32" depth</u> <u>32" in diameter</u> DETAILS <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>300</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, lakes, ponds, ocean, brook, stream, river, swamps, marshes and flood plains. <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, springs producing 2000 gallons or more of water per day and any public water supplies.
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Location of disposal system: American Legion Hall
85 members
20 25' tented 1/4"
sub. night
Decem

PROPERTY/LOT LOCATION MAP: 1.5 miles Route 17 TO PORTLAND

FOR THE USE OF LPI ONLY

Denial. Application denied for the following reasons, portions of the Code-B are cited:
 Site Plan - Disposal System Plan Cross Section Statement See section 4.1
 Site Investigation is for this site is: inadequate for disposal system unsuitable for system proposed
 System Proposed does not conform to Code-B
 Site Investigation is not adequate for this site
 Variance. Applicant's proposal is approved with conditions specified, comply with Section 3.6.

Signature: Richard P. Baker Date: 6-3-80 HHE 200-10

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

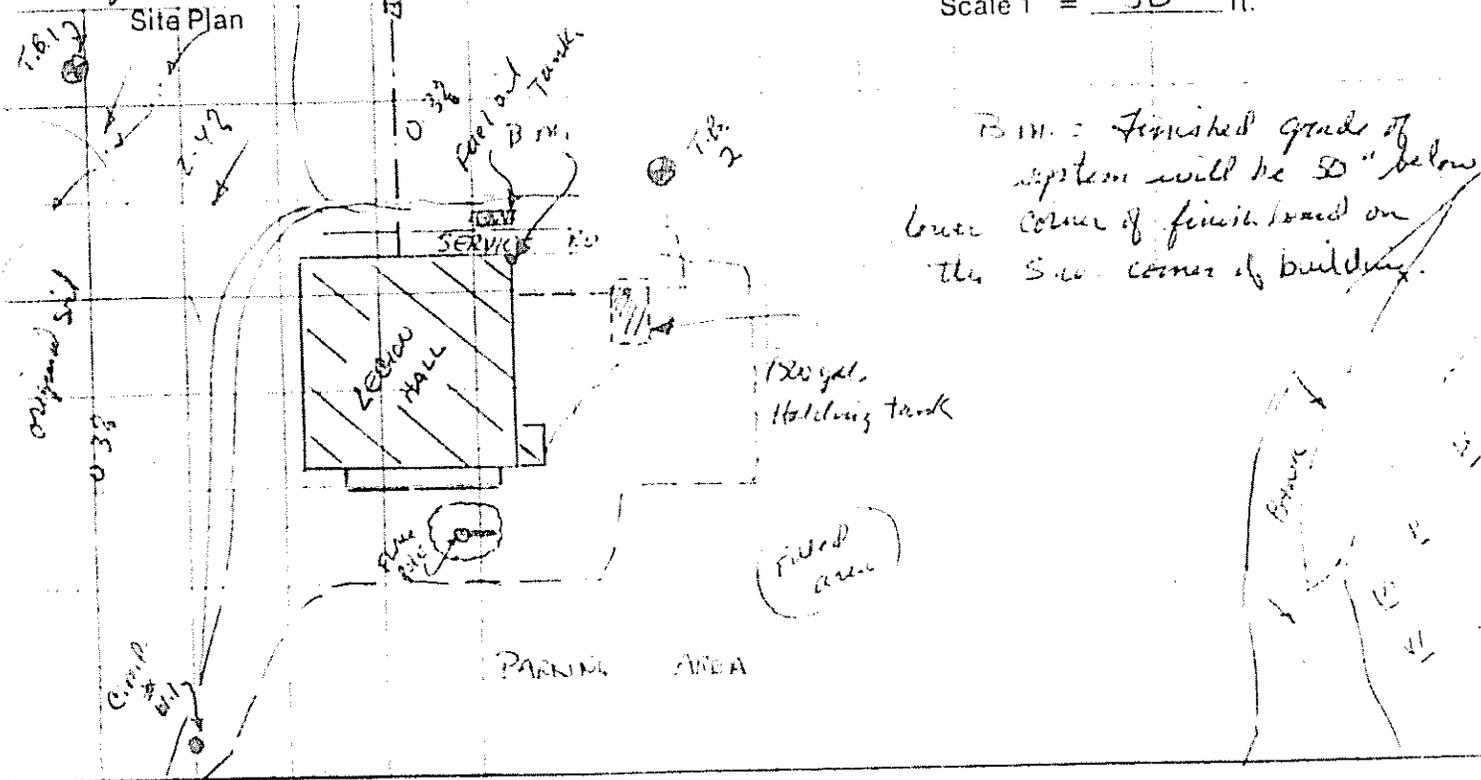
Owner of Property

American Legion Post # 205

Scale 1" = 50' ft.

Augusta

Street Road, or
Route 17
If on water body give name



B.M. = Finished grade of system will be 50" below lower corner of finish board on the SW corner of building.

ROUTE 17

TO AUGUSTA →

● Designates Elevation Reference Point

⊙ Designates Test Pit

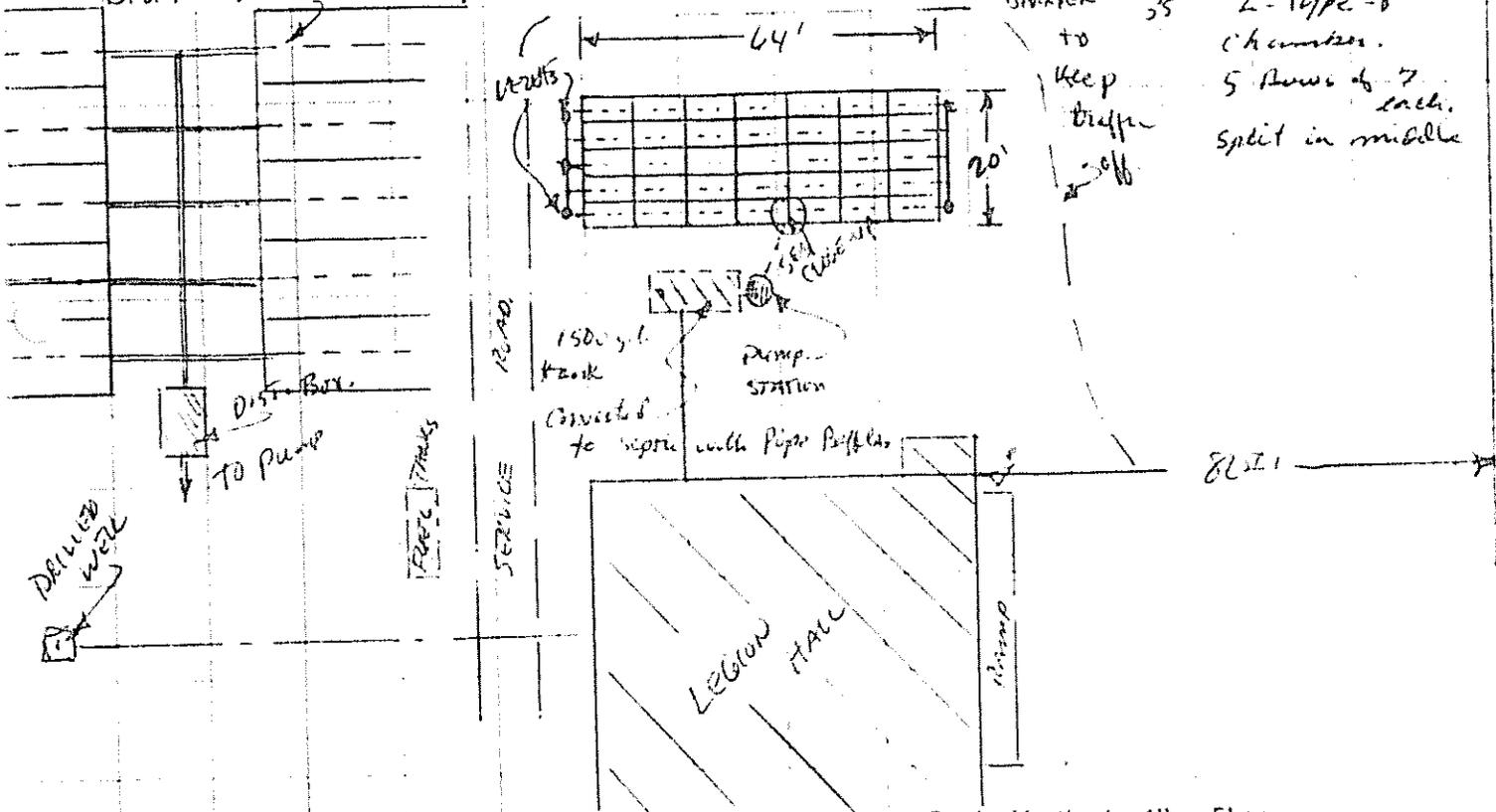
Private Sewage Disposal Plan

Scale 1" = 20' or 30'

DIST. SYSTEM CLOSE-UP.

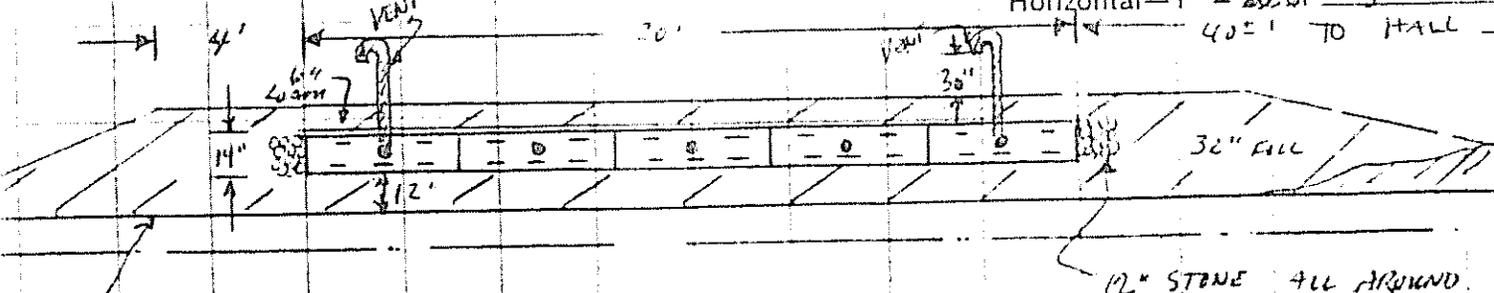
SUGGEST SOME TYPE OF

35' L-Type-B Chamber. 5 Rows of 7 each. Split in middle



Subsurface Absorption Area Cross-section

Scale: Vertical—1" = 5' or
Horizontal—1" = 20' or 5'



SYSTEM NOT IN ORIGINAL CROUND
Soil surface now

12" STONE ALL AROUND

Site Evaluators Signature

Date

License Number

65

Signature Required

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.

Date

6-3-80

Applicant

William H. Bean

STATE VARIANCE FORM

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>6-3-80</u> <small>MONTH DAY YEAR</small>	EVALUATOR NUMBER <u>00067</u>	<table border="1" style="border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px; text-align: center;">2</td> <td style="width: 20px; height: 20px; text-align: center;">3</td> <td style="width: 20px; height: 20px; text-align: center;">0</td> <td style="width: 20px; height: 20px; text-align: center;">2</td> <td style="width: 20px; height: 20px; text-align: center;">1</td> </tr> </table> ES <small>PERMIT NUMBER</small>	2	3	0	2	1
2	3	0	2	1					
ADDRESS OF SYSTEM'S LOCATION <u>Route 17</u> <small>ST LOT NUMBER</small>		<u>Augusta</u> <small>STREET ROAD NAME SUBDIVISION</small>		<u>MAINE</u> <small>STATE</small>					
<u>American Legion Post</u> <small>NAME OF OWNER</small>		<u>205</u> <small>MAILING ADDRESS</small>	<u>AUGUSTA</u> <small>MAILING ADDRESS</small>	<u>MAINE</u> <small>MAILING ADDRESS</small>					
				<u>04330</u> <small>ZIP CODE</small>					

DESCRIPTION OF SPECIFIC WAIVER	SECTION OF CODE
1. <u>Request to replace existing Holding tank with pump</u>	<input type="checkbox"/> . <input type="checkbox"/> <input type="checkbox"/>
2. <u>35 Type-B chambers on 8-D soil</u>	<input type="checkbox"/> . <input type="checkbox"/> <input type="checkbox"/>
3. _____	<input type="checkbox"/> . <input type="checkbox"/> <input type="checkbox"/>

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.
- 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, William H Bean, 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.

William H Bean 29 Nov 79
Signature of Owner Date

STATEMENT OF SOIL EVALUATOR

I, Steve Goodwin, 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.

Stephen E. Goodwin 11/24/79
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 Baber, 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 Baber 6-3-80
Signature of Local Plumbing Inspector Date

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.

Proposed system is designed for 600 g.p.d. average with some periods of higher usage expected at dances. Present Holding tank should allow this without too much problem.

Additional fill would have to be installed approx. 32" on the soil surface as it is now.

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