JAMES TIERNEY

APPLICATION AND AGREEMENT

TO WAIVE CERTAIN PROVISIONS OF THE PLUMBING CODE

I, JAMES TIERNEY (owner), hereby apply to the Maine State Department of Human Services for permission authorizing the responsible Plumbing Inspector to waive certain provisions of the Plumbing Code for an installation in connection with a dwelling or building at RT 105 (street), AUGUSTA (city or town).

This may include materials, methods, dimensions or conditions not specifically approved by the Plumbing Code. Please draw a brief sketch of the property's location on the back of this form so an inspector can find it. Include landmarks, route numbers and street names.

Section of Code to be waived.	Description of specific waiver
1. T-9-1	INSTALL 8 TYPE "F" CHAMBERS ON 2-C SOIL
2. T-4	REDUCE WELL - SYSTEM DIST. TO 10'
3. T-4	" DWELLING - SYSTEM DIST TO 15'

(If additional space is needed, attach a list)

In all other respects, the installation will comply with the Code. The installation will be made in accordance with the ATTACHED PLAN. A permit is to be issued by the Plumbing Inspector if he is in agreement. The undersigned stipulates that he is the owner and occupant of the building involved and that the building is not for sale in the foreseeable future. The installation will be made by: _____, License No. _____.

If any defects or inadequacies appear, I will promptly notify the State Department of Human Services and subsequently make such corrections as the Department shall find necessary

Owner's signature X James Tierney

NOTE: A PLAN TO SCALE MUST BE ATTACHED

Winter address X 34 Grove St. Augusta, Me

Summer address X South Belfast Ave. " "

Telephone X 6238112 Date May 16, 1978

THE FOLLOWING TO BE FILLED IN BY THE PLUMBING INSPECTOR

I am (Local), (~~Alternate~~) Plumbing Inspector for the town of AUGUSTA. I have examined the plans for the installation described above and I find the building to be in my jurisdiction.

I (~~do~~), (~~do not~~ DO NOT) recommend the issuance of a special permit for the installation as described above.

Signed Richard P. Baker

Date 11-16-78

Return this form to the Division of Health Engineering, Department of Human Services, Augusta, Maine. NO permit shall be issued for this waiver until the Local Plumbing Inspector receives notification from this office.

10/1/75 ATT: BRUCE JOHNSON

ORIGINAL To be sent to Division of Health Engineering, Augusta, Maine 04333 by the LPI

MAINE DEPARTMENT OF HEALTH AND WELFARE APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT	Septic systems discharging at least than [illegible] gal/day	This is NOT a permit, this form when completed must be presented to the Local Plumbing Inspector to obtain a permit	Page 1 of 2

Town: Augusta | Street Rt. 105 If on water body give name: Togus Pond | Permit No. | Date

Name of property: James Tierney, 34 Grove St. Augusta, Maine | Owner's address | Size of lot: 55 x 150± ○ Sq. feet ○ Acres

If a type of establishment other than private home | Is lot Zoned? ☒ Yes ○ No | Type of Zoning: ☒ Residential ○ Commercial ○ Resource Protection

Name of applicant owner's agent

If you plan to use a previous subdivision approval in lieu of site investigation, please submit one of the following:
○ Deed restriction re. private sewage disposal
○ Copy of the subdivision's soils report
○ Soils report from a State Agency

Applicant's address (rt. Box, etc.) | Tel. No. 623-8116 | Zip code

Subdivision name | Lot No.

Applicant's signature ☒ James Tierney | Date ☒ May 16, 1978

Owner's signature ☒ James Tierney | Date ☒ May 16, 1978

This application is for ☒ New System ○ Expanded System ☒ Replacement System ☒ Replacement of ○ Treatment Tank Only ○ Disposal Area Only

The water supply for this property is ○ Dug well, depth ____ lining ____ ☒ Drilled well, depth ____ lining steel ; Spring ○ ____ lining ____ ; Surface water ○ Well ○ Cistern ○ with disinfection ○ without disinfection ○ Public Utility, name ____

SITE INVESTIGATION

Show location of pits and/or borings on sketch on page 2 and refer to completed sample form and Chapter 4 of the Code, II.

Soil Profile No.	Soil Profile No.	Soil Profile No.	Soil Profile No.	Soil Profile No.
☒ Pit ☒ Boring	☐ Pit ☐ Boring	☐ Pit ☐ Boring	☐ Pit ☐ Boring	☐ Pit ☐ Boring
Organic strata Gravel fill 6" inches	Organic strata inches	Organic strata inches	Organic strata inches	Organic strata inches
1st strata Mottled brown 16 sandy loam inches	1st strata inches	1st strata inches	1st strata inches	1st strata inches
2nd strata Yellow brown 7 sandy loam inches	2nd strata inches	2nd strata inches	2nd strata inches	2nd strata inches
3rd strata inches	3rd strata inches	3rd strata inches	3rd strata inches	3rd strata inches
Total Depth of observation hole inches 44	Total Depth of observation hole inches	Total Depth of observation hole inches	Total Depth of observation hole inches	Total Depth of observation hole inches
Max. Ground water table—mottling 38" inches ○ None Evident	Max. Ground water table—mottling inches ○ None Evident	Max. Ground water table—mottling inches ○ None Evident	Max. Ground water table—mottling inches ○ None Evident	Max. Ground water table—mottling inches ○ None Evident
Impervious layer, clay, etc. inches ☒ None Evident	Impervious layer, clay, etc. inches ○ None Evident	Impervious layer, clay, etc. inches ○ None Evident	Impervious layer, clay, etc. inches ○ None Evident	Impervious layer, clay, etc. inches ○ None Evident
Bedrock inches ☒ None Evident Type of Bedrock	Bedrock inches ○ None Evident Type of Bedrock	Bedrock inches ○ None Evident Type of Bedrock	Bedrock inches ○ None Evident Type of Bedrock	Bedrock inches ○ None Evident Type of Bedrock
Surface slope 3 %	Surface slope %	Surface slope %	Surface slope %	Surface slope %
Soil Group & Condition per Table 9-1 of the Code, II: 2-C	Soil Group & Condition per Table 9-1 of the Code, II:	Soil Group & Condition per Table 9-1 of the Code, II:	Soil Group & Condition per Table 9-1 of the Code, II:	Soil Group & Condition per Table 9-1 of the Code, II:

On 11/22/1977 (date), a site investigation for this project was completed. I supervised this soil evaluation and certify that the profiles shown 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 of Registered Certification Number: Ellen W. Richard | ○ Soil Scientist ☒ Geologist 37 ○ Soil Engineer ○ Other, must show current letter of certification to LPI

Date signed 4/26/77 Received 7/12/77

PRIVATE SEWAGE DISPOSAL SYSTEM PROPOSED

Show location of system and details on sketches on page 2, and refer to completed sample form

SYSTEM:
☒ COMBINED SYSTEM
SEPARATED SYSTEM (separated system—type of human waste disposal plan to be used)
Sealed Vault Privy
Open Pit Privy
Compost Toilet
Incinerator Toilet
Chemical Toilet
Other, describe

See Chapter 9 of the Code, II

TREATMENT TANK:
☒ Septic Tank
☒ Concrete
○ Fiberglas
○ Metal
Manufacturer—
Size in gallons 1000

○ Aerobic Tank
Manufacturer—
Model No.
Size in gallons

SUBSURFACE ABSORPTION AREA

Type	Size
○ French System Total trench length ____	○ Very Small ○ Small ○ Medium ☒ Medium Large ○ Large ○ Extra Large
○ Bed System Length ____ Width ____	
☒ Chamber System Number 8 ○ Type A ☒ Type E ○ Single File ☒ Cluster	
○ Mound System Length ____ Width ____ at base	
○ Spread System Length ____ Radius ____	
○ Nondischarge System Bed Length ____ Width ____ Holding Tank Size ____ Gal. Manufacturer ____ ○ Alarm device provided, type ____	

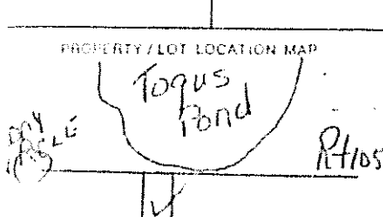
See waiver?

SITE MODIFICATION
Fill is—☒ required, ○ not required
Fill will be 16 inches deep

DETAILS
○ A Distribution Box is required
Pumping is—☒ required, ○ is not required
The Dose will be 75± gallons

DISTANCES
○ Yes ☒ No The proposed subsurface absorption area will be located at least 100 feet from any and all wells; springs; ____ courses ____ pond, ocean, brook, stream, river; swamps, marshes; and bogs.
☒ Yes ○ 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

FOR THE USE OF LPI ONLY

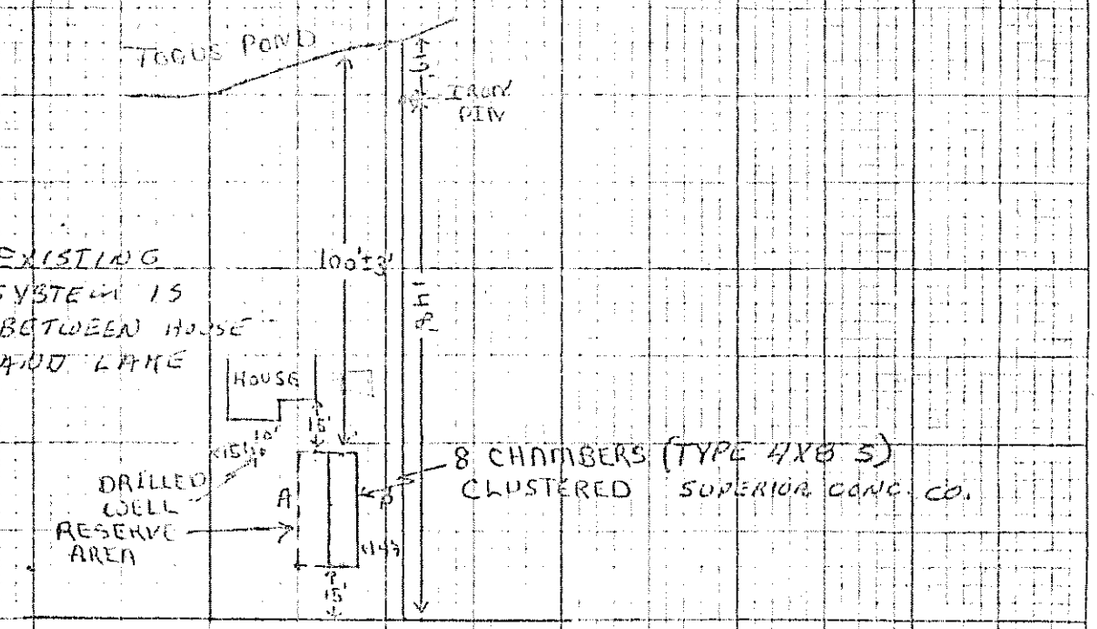
○ Denial Application is denied for following reasons, portions of the Code II are cited.
Form is incomplete ____ pg.) as to ( ) General info. ( ) Site Investigation. ( ) System Proposed. ( ) Site Plan ( ) Disposal System Plan. ( ) Cross Section. ( ) Statement See Section 2.3
○ Site Investigation indicates site is ( ) totally unsuitable for disposal system; Sections 4.5 and 9.5, Table 9-1 Group 9 and 10 ( ) Unsuitable for system proposed, Sections 4.3, 4.6, 9.5, Table 9-1
○ System Proposed does not conform to Code; See Sections 9 ____
○ Site Investigation indicates site modifications are necessary; See Sections ( ) 4.3. ( ) 4.4. ( ) 4.6. ( ) 8.7. ( ) ____
○ Miscellaneous ____ See Section ____
☒ Acceptance Application for permit is approved ( ) with condition specified comply with Section ____ ( ) without condition.
Signed LPI ____ Date ____ HHE - 200 5/75

APPLICATION FOR PRIVATE SEWAGE DISPOSAL PERMIT

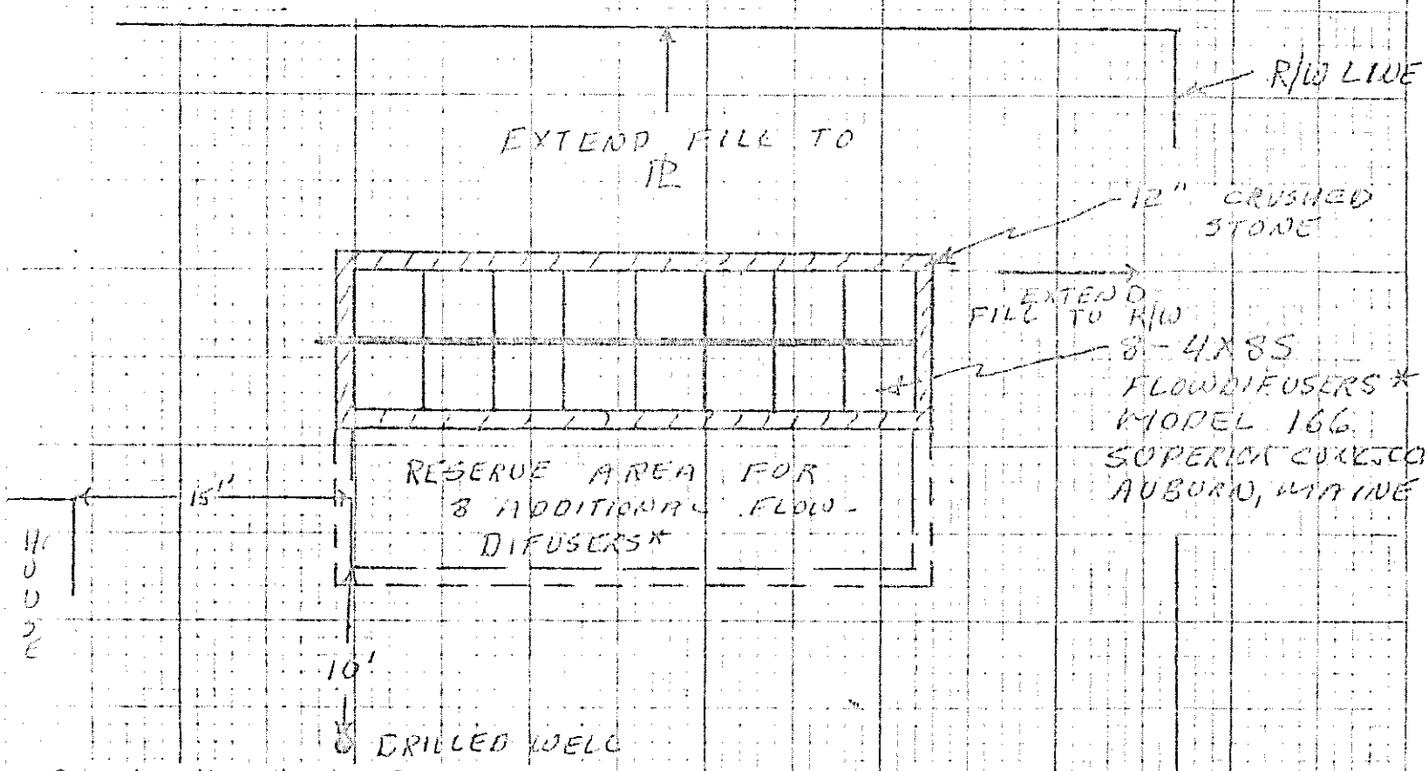
(For systems disposing of less than 2000 gallons per day)

Town	Street, Road, etc.	Owner of property
Augusta	Rt. 105 If on water body, give name: Togus Pond	James Tierney

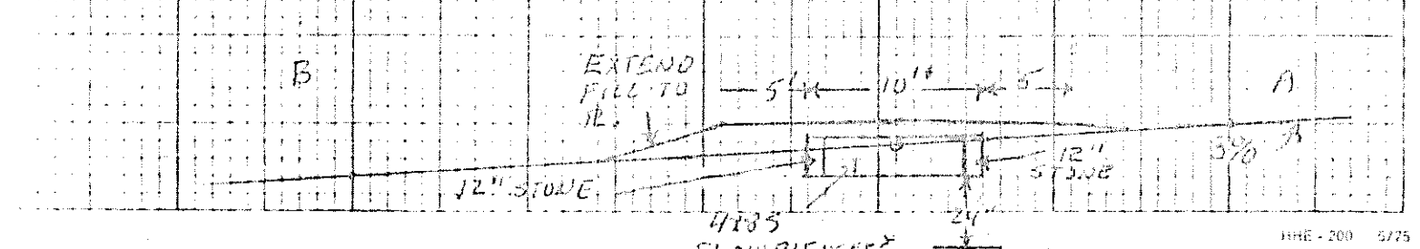
Site Plan — Scale 1" = [illegible] Ft. or 1" = 50'



Private Sewage Disposal Plan — Scale 1" = 20' or



Subsurface Absorption Area Cross-section — Scale: Vertical — 1" = 5' or
Horizontal — 1" = 20' or



HHE - 200 5/75

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 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.

Signature Required

Date: May 16, 1978

Applicant: James Tierney

Owner: James Tierney

July 14, 1981

Mr. James Tierney
34 Grove Street
Augusta, ME 04330

Subject: Replacement System Variance, Tierney property, Route 105, Togus Pond, Augusta

Dear Mr. Tierney:

This letter is being written as a result of your visit to this office on Thursday, July 9, 1981, concerning the above referenced property. During your visit an HHE-200 Form with system design by William Rideout showing the proposed 16 unit chamber system was evaluated.

As indicated to you, due to the reduction in separation distance from the proposed system to two neighboring wells, this office would not be able to grant the variance request although one neighbor has agreed to sign a release form, the second neighbor whose property is presently up for sale, has not indicated approval for the reduction and this would create a legal problem with this office granting a variance. Since the proposed system would be closer to his well than the existing system and also slightly upslope, for this reason it was decided that the best course of action at this time would be to continue with the present system and to conserve water usage as much as possible.

Other possible alternatives discussed which may or may not be feasible include the following:

1] Explore potential for an easement to land across Route 105 to a vacant lot, however this would require crossing a major road and the lot across the street may have problems with shallow bedrock soils;
2] Approach the new neighbors if property is sold in hopes of obtaining release form for reduction in well setback;
3] Installation of a holding tank to service the structure. However, this is an expensive proposition and would only be considered as a last possible alternative by this office.

The final alternative short of installation of a holding tank would be the installation of a disposal system to the rear of the property. This alternative would only be considered if the present system proves to be a bad malfunction and a release form still cannot be obtained for a reduction in the setback distance to the neighboring wells. Before this alternative would receive final approval, this office would probably want to visit the property at least one more time.

If you have any questions, please do not hesitate to contact this office.

Very truly yours,

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

DPB/lh
cc: William Rideout, SE
Dick Baker, LPI