

M95L9

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.

Town LPI

GENERAL INFORMATION

Permit No. # 2137 E

Town of Augusta

Date Permit Issued 5/2/91 MONTH/DAY/YEAR

Property Owner's Name: JUDY LEINO Tel. No. 10-622-9215

System's Location: OUTLET RD STREET

Augusta Maine 04330 ZIP

Property Owner's Address: RR #7 Box 1725 STREET

(if different from above) 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.

MAY 3 1991

Judith D. Leino

PROPERTY OWNER'S SIGNATURE

5-3-91

DATE

M9549

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

PROPERTY ADDRESS

Town Or Plantation: AUGUSTA

Street Subdivision Lot #: OUTLET RD.

PROPERTY OWNERS NAME

Last: LEINO First: JUDY

Applicant Name:

Mailing Address of Owner/Applicant (if Different): RR #7 Box 1925 Augusta, ME 04330

PERMIT INFORMATION

AUGUSTA

Date Permit Issued: 5-16-91

Local Plumbing Inspector Signature: [Signature]

L.P.I. #: 850

FEE: \$410.00

TOWN COPY Double Fee Charged

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.

Judith D. Leino 5-3-91

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 _____

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
 - Requiring Local Plumbing Inspector Approval
 - Requires State and Local Plumbing Inspector Approval
- MINIMUM LOT SIZE VARIANCE

INSTALLATION IS:

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM
(Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK _____ GAL
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

SEASONAL CONVERSION

to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# _____
- SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED 1970±

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: HOLDING TANK

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER _____ SPECIFY _____

SIZE OF PROPERTY: 22,000± FF

ZONING: SHORELAND

TYPE OF WATER SUPPLY

DRILLED WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1,000 GALS.

WATER CONSERVATION

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: _____

PUMPING

- NOT REQUIRED
- MAY BE REQUIRED
(DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

2 BEDROOM

240

24 (10 1/2 VOL FEUS#)

DESIGN FLOW: 216

(GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
EXISTING FILL	B
OVER B	D

DEPTH TO LIMITING FACTOR: 24 IN FILL

SIZE RATINGS USED FOR DESIGN PURPOSES

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

- BED _____ Sq. Ft.
- CHAMBER 432 Sq. Ft.
 - REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On 4-4-91 (date) I 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.

[Signature]
Site Evaluator Signature
(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

181
SE#

4-12-91
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

AUGUSTA

Street, Road, Subdivision

118.57

Owners Name

LEINO

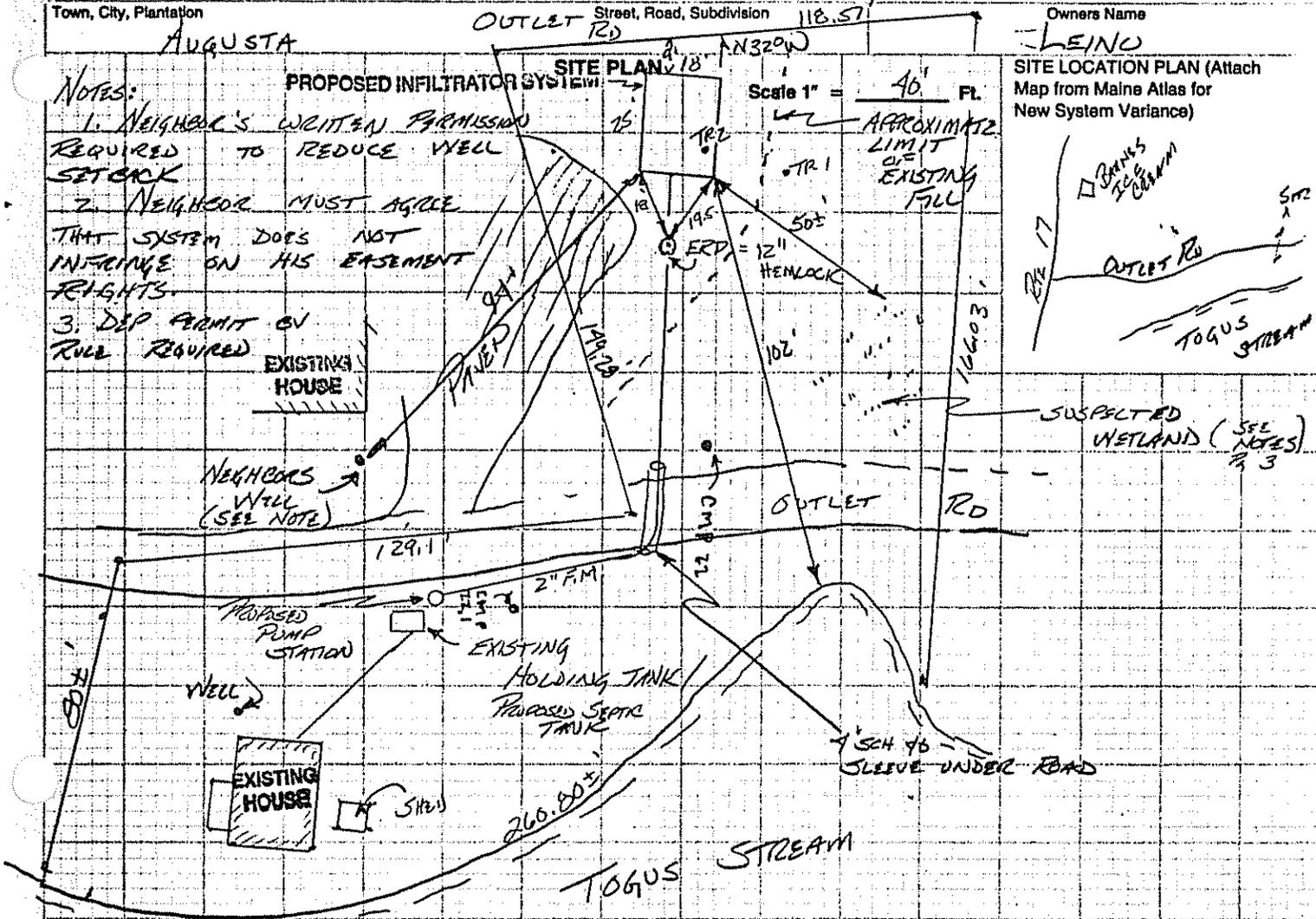
NOTES:

1. NEIGHBOR'S WRITTEN PERMISSION REQUIRED TO REDUCE WELL SETBACK
2. NEIGHBOR MUST AGREE THAT SYSTEM DOES NOT INTERFERE ON HIS EASEMENT RIGHTS.
3. DEP PERMIT ON ROLL REQUIRED

PROPOSED INFILTRATOR SYSTEM

Scale 1" = 40' Ft.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP-1 Test Pit Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	SILT	FRIABLE	REDDISH	NONE
6	LOAM		BROWN	EVIDENT
10				
15	SILTY CLAY	FIRM	OLIVE	
20				
30				
40				
50				
60				

Soil Profile B Classification D Slope 2-5% Limiting Factor B Ground Water Restrictive Layer Bedrock

Observation Hole TP-2 Test Pit Boring

N/A " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0		FRIABLE	BROWN	NONE
6				EVIDENT
10	GRAVELLY			
15	SANDY LOAM			
20	FILL			
30		FIRM		
40				
50				
60				

Soil Profile 3 Classification B Slope 0% Limiting Factor Z₁ Ground Water Restrictive Layer Bedrock

[Signature]
Site Evaluator Signature

181
SE#

4-12-91
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

Street, Road, Subdivision

Owners Name

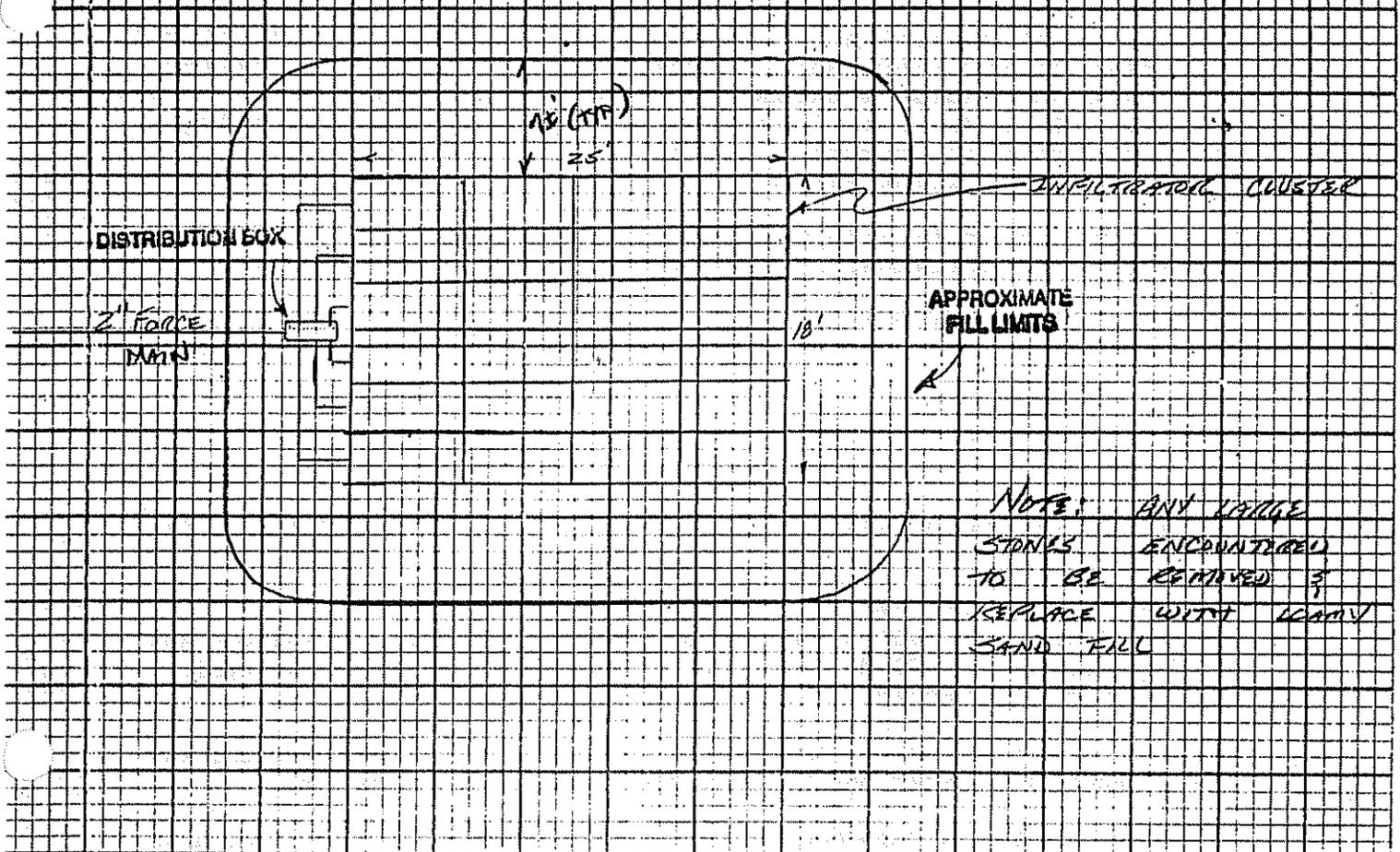
Augusta

OUTLET RB

LEINO

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope)

12"

Depth of Fill (Downslope)

12"

CONSTRUCTION ELEVATIONS

Reference Elevation is

0"

Bottom of Disposal Area

-50"

Top of Distribution Lines or Chambers

-35"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

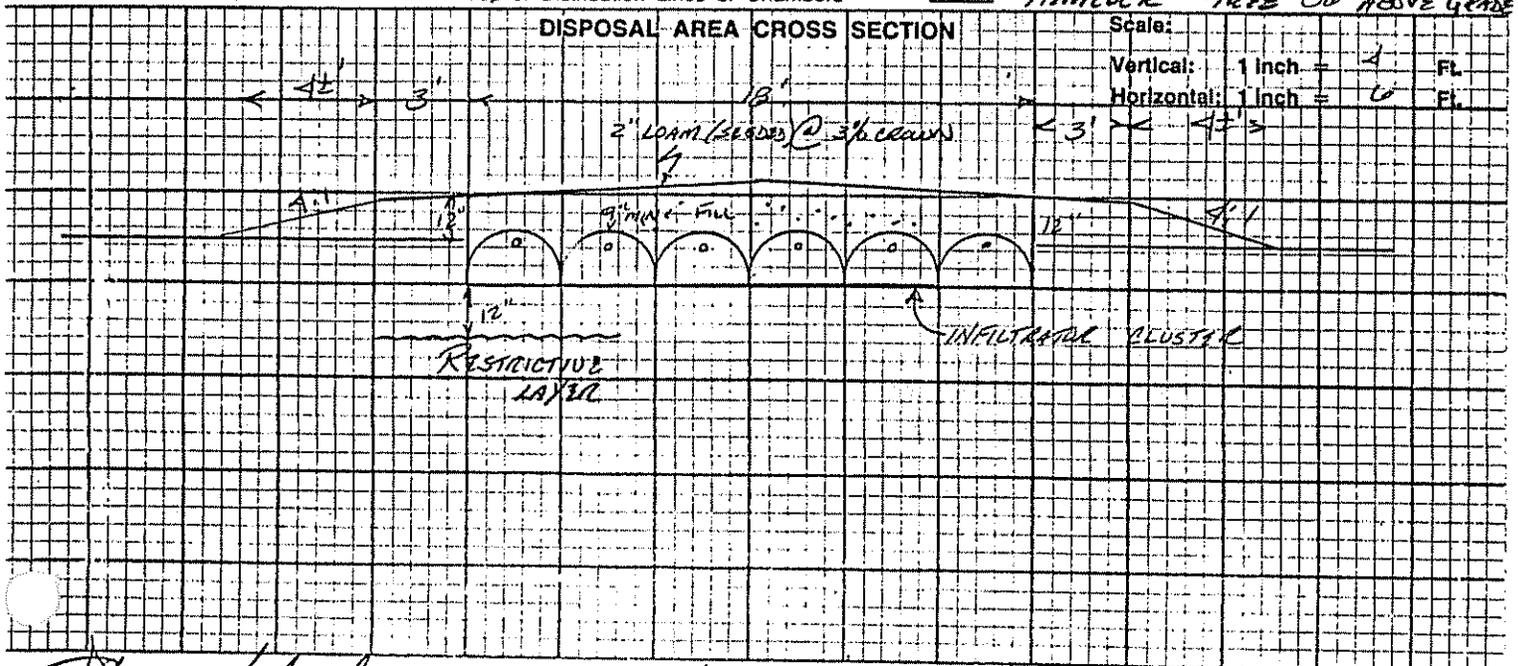
FLAGGED NAIL IN 12" HEMLOCK TREE 36" ABOVE GROUND

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 2' Ft.

Horizontal: 1 inch = 6' Ft.



John Michael
Site Evaluator Signature

101
SE#

4-12-91
Date

NOTES

1. Site evaluations conform to criteria of the "State of Maine-Subsurface Wastewater Disposal Rules-Capt 241" latest revision. Other environmental concerns are not evaluated and may require additional professional opinions. The delineation of wetlands when needed is to be performed by competent consultants engaged in such practice and may affect the suitability of particular sites.
2. All construction to conform to specifications in the "State of Maine-Subsurface Wastewater Disposal Rules-Chapt 241" latest revision.
3. Wells to be located a minimum 100' from disposal system. Systems to be a minimum 20' from structures with foundations 15' from other structures.
4. Property lines shown are as provided by owner/owner's agent no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
5. A septic tank outlet filter is recommended when installing a mechanical garbage disposal.
6. Pump stations, when required, shall be watertight to prevent infiltration. Pumps shall be installed to manufacturers specifications and sized for actual installed T.D.H.. For uninterrupted service during repair duplex pumps are required.
7. Force mains and pressure lines shall be flushed of foreign material and pumps checked for proper on/off cycle before being put in service.
8. Applicability of design must be reevaluated when location of structures are substantially different than shown on the site plan, or when other appurtenances(I.E. swimming pools) are considered.
9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion controls.
10. Provide low profile tanks when determined needed in the field. All tanks may be field located at least 8' from structures.
11. All components subject to freezing must be adequately insulated.
12. The LPI shall inform the owner and designer of local ordinances exceeding the "Rules" prior to issuing a permit, so that necessary amendments can be made.
13. All designs are subject to Local, State, or Federal review. Designers liability shall be limited to required revisions. In no case shall liability exceed designers fee.

The owner/applicants signature on page one acknowledges their understanding of the "Notes".

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP)
PERMIT BY RULE NOTIFICATION FORM

(For use with DEP Regulation, Chapter 305, Section 1)

PLEASE TYPE OR PRINT IN BLACK INK ONLY

Name of Applicant: Judith I. Leino

Address: RFD #7, Box 1725 Town/City: Augusta

State: ME Zip Code: 04330 Tel. No.: 207-622-6926

LOCATION OF ACTIVITY

Name of Water Body (or Freshwater Wetland Map and Location Numbers): Togus Stream

Name of Nearest Road and Directions to Site: Outlet RD (take first left off Rt. 17 onto Outlet RD after Barnes ice cream, site is .7 m. down Outlet RD on right)

Town/City: Augusta County: Kennebec

Description of Project: Installation of subsurface wastewater disposal system (see attached design)
Also attached are photographs of location and a location map

Attach to this form a location map with project site clearly marked. Either a USGS topographical map from an outdoor supply, hardware or book store or The Maine Atlas and Gazetteer map is acceptable. Permission has been granted by Delorme Mapping Company to copy the atlas for this purpose only. A map must accompany this permit form.

STATEMENT OF INTENT

I am filing notice of my intent to carry out work which meets the requirements for Permit by Rule under DEP Regulation, Chapter 305, Section 1. I will comply with all standards listed in paragraph 1(C)(1) "All Projects" and of the paragraph(s) checked below:

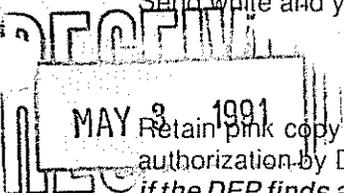
- | | | |
|-------------------------------------|----------|---|
| <input checked="" type="checkbox"/> | 1(C)(2) | Disturbance of Soil Material Adjacent to a Wetland or Water Body |
| <input type="checkbox"/> | 1(C)(3) | Intake Pipes and Water Monitoring Devices |
| <input checked="" type="checkbox"/> | 1(C)(4) | Maintenance, Repair and Replacement of Structures |
| <input type="checkbox"/> | 1(C)(5) | Moorings (Permanent Anchoring Structures) |
| <input type="checkbox"/> | 1(C)(6) | Movement of Rocks or Vegetation by Hand |
| <input type="checkbox"/> | 1(C)(7) | Outfall Pipes (Including Ditches and Drain Tiles) |
| <input type="checkbox"/> | 1(C)(8) | Riprap |
| <input type="checkbox"/> | 1(C)(9) | Crossings (Utility Lines, Pipes and Cables) |
| <input type="checkbox"/> | 1(C)(10) | Stream Crossings (Bridges, Culverts and Fords) |
| <input type="checkbox"/> | 1(C)(11) | Maintenance, Repair and Minor Modification of State Transportation Facilities |

I authorize staff of the Departments of Environmental Protection, Inland Fisheries & Wildlife and Marine Resources to access the project site for the purpose of determining compliance with the rules.

Signature of Applicant: Judith I. Leino Date: 5-3-91

Send white and yellow form with attachments to the

Maine Department of Environmental Protection
State House Station 17
Augusta, Maine 04333



Retain pink copy as record of permit. Permits are valid upon receipt by the DEP for two years. No further authorization by DEP will be issued after project completion. *Permits issued under this section are invalid if the DEP finds any application standard has not been met. Work carried out in violation of any standard is subject to enforcement action, including a fine of up to \$25,000 for each day of violation.* April 1990