

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS	
Town Or Plantation	Augusta
Street	Leavitt Road
Subdivision Lot #	
PROPERTY OWNERS NAME	
Last:	Hanson, Jr.
First:	Henry R.
Applicant Name:	Henry R. Hanson, Jr.
Mailing Address of Owner/Applicant (If Different)	RFD 2, Box 1458 Augusta, Maine 04330

M11 L172

AUGUSTA	PERMIT #	533 ✓	TOWN COPY
Date Permit Issued: 8/9/85		\$ 19.00	FEE <input type="checkbox"/> Double Fee Charged
Local Plumbing Inspector Signature		L.P.I. #	17159

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.

Henry R. Hanson 5-28-85
 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

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- SEASONAL CONVERSION
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE REQUIRED
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
- Requires only Local Plumbing Inspector Approval
- Requires both State and Local Plumbing Inspector Approval

INSTALLATION IS COMPLETE SYSTEM

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

INDIVIDUALLY INSTALLED COMPONENTS:

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

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED 1965 ±

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: unknown

DISPOSAL SYSTEM TO SERVE:

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

SIZE OF PROPERTY **ZONING**

1 ± acre residential

TYPE OF WATER SUPPLY

existing drilled well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION

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

SPECIFY: _____

PUMPING

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

DOSE: _____ GALS.

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

2-bedroom, single family dwelling

sized per Table 7-1 of the SSWD Rules (10-144A CMR 241)

(moderate flow)

DESIGN FLOW: 240 gpd

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
9	E

DEPTH TO LIMITING FACTOR: mottling at surface

SIZE RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

- BED 1200 Sq. Ft.
- CHAMBER _____ Sq. Ft.
 REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

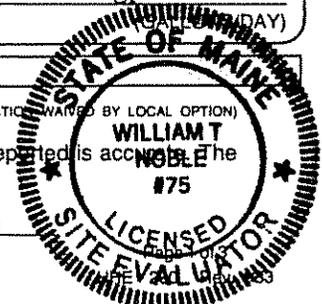
On 4-27-85 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

William G. Noble
 Site Evaluator or Professional Engineer's Signature

75
 SE#

4-29-85
 Date

* Local Plumbing Inspectors Signature if a Local Site Evaluation Waiver under a Local Option

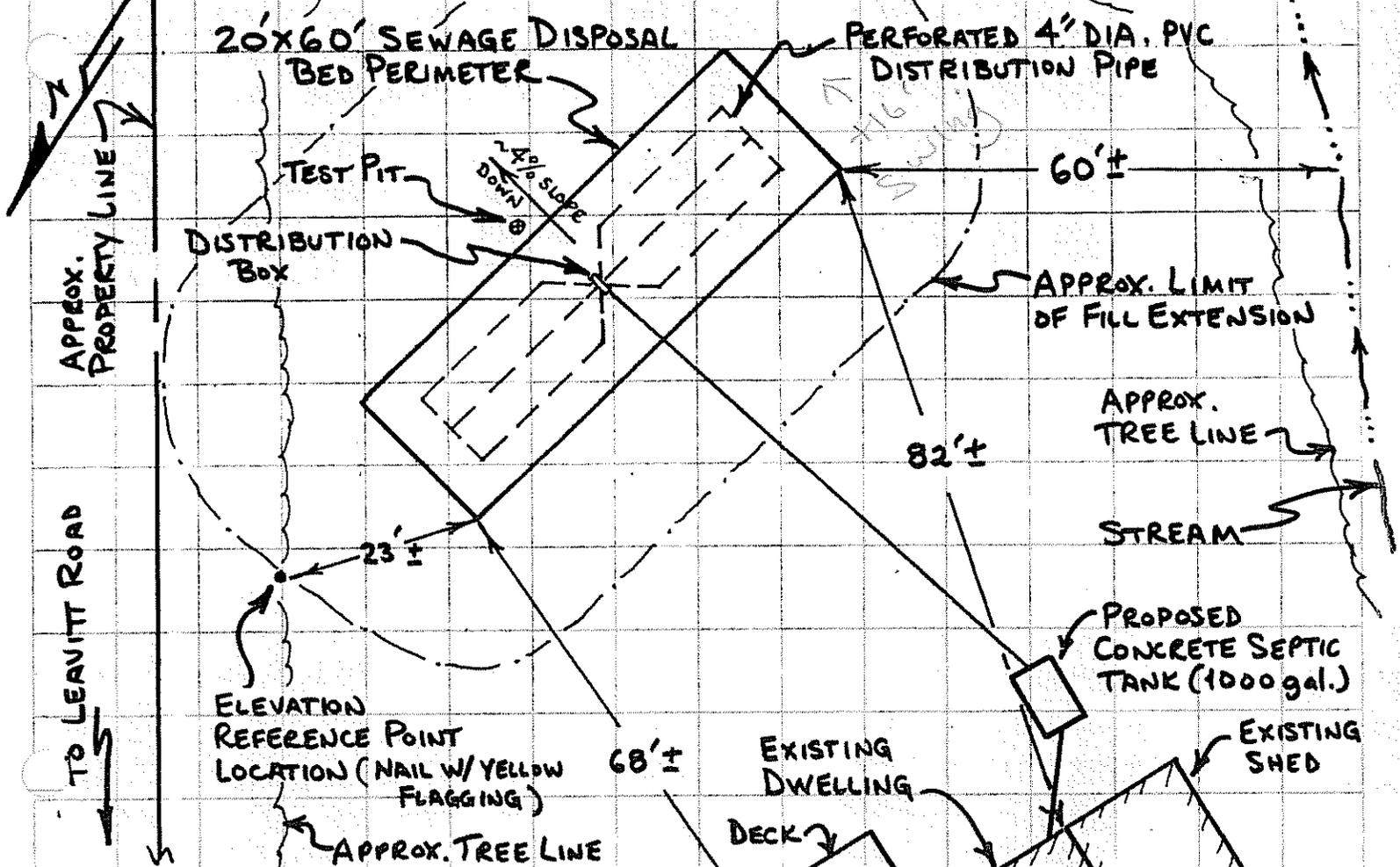


SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Parish: **AUGUSTA** Street, Road, Subdivision: **LEAVITT ROAD** Owners Name: **HENRY R. HANSON, JR.**

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' FL.



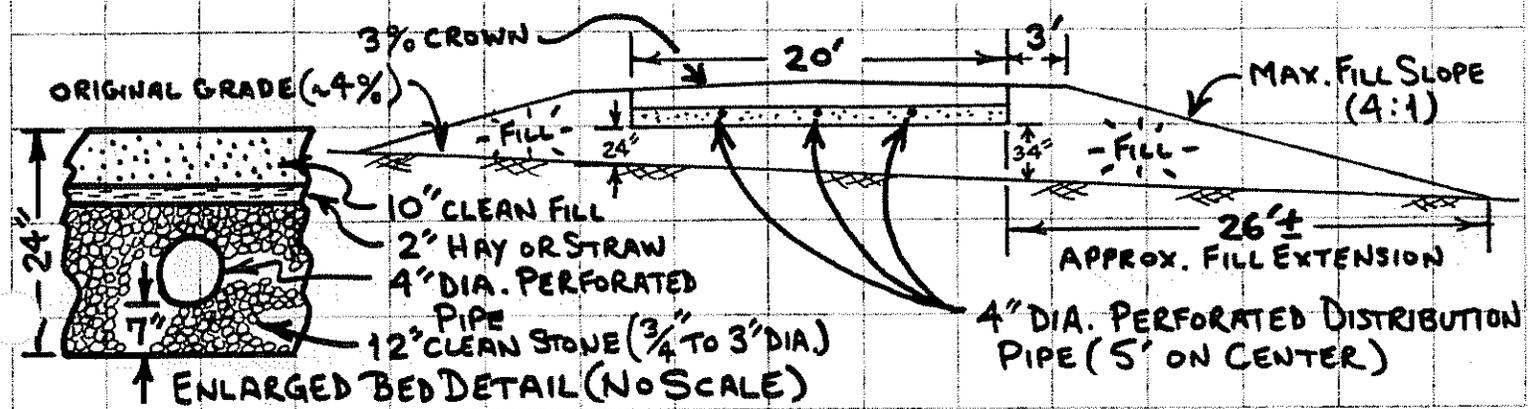
FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	48"	Reference Elevation is	100.0	NAIL WITH YELLOW FLAGGING IN WHITE PINE TREE, 15' ABOVE GROUND LEVEL AT TREE BASE.
Depth of Fill (Downslope)	58"±	Bottom of Disposal Area	109.5	
		Top of Distribution Lines	120.5	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = 10 Ft.
Horizontal: 1 inch = 10 Ft.

NOTES:

- BACKFILL & PERIMETER FILL TO BE SANDY LOAM OR COARSER.
- GRADE LAND AROUND DISPOSAL BED TO DIVERT WATER FROM AREA.
- REMOVE ORGANIC LAYER & SCARIFY THE SOIL SURFACE BEFORE INSTALLING FILL.
- REFER TO SECTIONS 11 & 12 IN SSWD RULES FOR FURTHER BED INSTALLATION DETAILS.



William J. Noble
Site Evaluator or Professional Engineer's Signature

75
SE #

4-29-85
Date

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 is in noncompliance 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 with LPI approval limitations can be met.

1. The replacement system is correcting a malfunction or an unlicensed wastewater discharge system.
2. A replacement 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 does not conflict with Seasonal Conversion Permit (30 MRSA § 3223) or with Mandatory Shoreland Zoning (12 MRSA § 4811).
6. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.

GENERAL INFORMATION

City of Augusta

Town Code 11020

Permit No. E

Date Permit Issued _____ month/day/yr.

Property Owner's Name: Henry R. Hanson, Jr. Tel. No. 623-4264

System's Location: Leavitt Road
Street

Augusta MAINE 04330
Town Zip

Property Owner's Address:
(if different from above) RFD 2, Box 1458
Street

Augusta Maine 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, then 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.

Henry R. Hanson, Jr.
Property Owner's Signature

5-2-85
Date

Variance Category	Variance Requested	Limit of LPI's Approval Authority		Variance Requested to:	
Soils Soil Profile Soil Condition from HHE-200	Ground Water Table	to 6"		0	inches
	Restrictive Layer	to 6"		10	inches
	Bedrock	to 10"			inches
Setback Distances (in feet)	From:	Treatment Tank	Disposal Area	Treatment Tank	Disposal Area
	Potable Water Supplies				
	1. Well: > 2000 gal/day	100a	300a		
	2. Well: < 2000 gal/day				
	a. Neighbor's	100b	100b		
	b. Property Owner's	50'	60'	60 ft. ±	70 ft. ±
	3. Water Supply Line	See Note 'a'			
Waterbodies	1. Perennial	60'	60'	45 ft. ±	60 ft. ±
	2. Intermittent	25'	25'		
	3. Manmade drainage ditch	15'	15'		
Downhill Slope	Greater than 3:1 (33%)	5'	10'		
Buildings	1. With basement	See Note	15'		
	2. Without basement	'a'	10'		
Property Line		5'	5'		

Other Specify:

Footnotes:

- a. This setback distance cannot be reduced by variance. See Table 6-2.
- b. A variance to reduce the 100 foot setback distance to a minimum of 80 feet may be granted only with the neighbor's written permission.
- c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope.

William J. Noble
Site Evaluator's Signature

4-29-85
Date

LPI Statement

I, Robert Stierro, LPI for the Town of Augusta, have conducted an on-site inspection for the proposed replacement system and have determined, to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

- a. (approve, do not approve) the variance request based on my authority to grant this variance
Note: If the LPI does not give his approval, he shall list his reasons for denial in **Comments** Section below and return to the applicant.
- or:
- b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend, do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments:

Robert Stierro
LPI's Signature

5/2/85
Date

FOR USE BY THE DEPARTMENT ONLY:

The Department has reviewed the variance(s) and (does, does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

Signature of the Department

Date



STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333



MICHAEL R. PETIT
COMMISSIONER

JOSEPH E. BRENNAN
GOVERNOR

May 9, 1985

Henry R. hanson, Jr.
RFD #2, Box 1458
Augusta, ME 04330

Subject: Replacement System Variance to the Maine Subsurface Wastewater Disposal Rules, Hanson property, Leavitt Road, Augusta

Dear Mr. Hanson:

This is to acknowledge receipt of the following items:

A completed HHE-200 Form by William T. Noble SE.; a completed HHE-204 Form signed by Henry R. Hanson, Jr., property owner; William T. Noble, SE., and Robert St. Pierre, LPI. The above is accepted as a complete application for variance to the Subsurface Wastewater Disposal Rules. A replacement subsurface disposal system cannot be installed on the subject property in full compliance with the Rules because of surface mottling on a 9E soil, the reasons for the variance request.

In consideration of the HHE-200 Form dated April 29, 1985, 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 replacement disposal system under the authority of Section 15.B of the Rules.

The installation of a 1000 gallon septic tank followed by a 1200 square foot disposal bed.

At least 48 inches and 58 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 24 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.

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.

Henry R. Hanson, Jr.

Page 2

May 9, 1985

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,



James A. Jacobsen
Wastewater and Plumbing Control
Division of Health Engineering

JAJ/dld

cc: William Noble, S.E.
Robert St. Pierre, LPI