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Municipal Sewerage JRT CRT

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Div of Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation	WESTBROOK
Street or Road	22 WILLOW DRIVE
Subdivision, Lot #	

OWNER/APPLICANT INFORMATION

Name (last, first, MI)		
TULL	CHARLES	☐ Owner ■ Applicant
Mailing Address of Owner/Applicant	24 LEISURE LANE, LOT #36	
	DURHAM, ME 04222	
Daytime Tel. #	207-951-7431	

>> Caution: LPI APPROVAL REQUIRED <<

Town/City Westbrook Permit # 5822 State Copy 50

Date Permit Issued 1/2/24 Fee $ 270.00 Fee Charged ( )

Local Plumbing Inspector LPI 1281 Sig.

☐ Owner ☐ Applicant ☐ State

The Subsurface Wastewater Disposal System *shall not* be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map # 21 Lot # 26C

Owner or Applicant Statement

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.

Signature of Owner or Applicant — Date: 12/8/23

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature — (1st) Date Approved — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION

☐ 1. First Time System
■ 2. Replacement System
Type Replaced: TRENCH
Year Installed: 1959
☐ 3. Expanded System
☐ a. <25% Expansion
☐ b. ≥25% Expansion
☐ 4. Experimental System
☐ 5. Seasonal Conversion

THIS APPLICATION REQUIRES

☐ 1. No Rule Variance
☐ 2. First Time System Variance
☐ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector Approval
■ 3. Replacement System Variance
■ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector Approval
☐ 4. Minimum Lot Size Variance
☐ 5. Seasonal Conversion Approval

DISPOSAL SYSTEM COMPONENTS

1. ■ Complete Non-engineered System
2. ☐ Primitive System(graywater & alt toilet)
3. ☐ Alternative Toilet, specify:
4. ☐ Non-engineered Treatment Tank (only)
5. ☐ Holding Tank, Gallons
6. ~~☐ Non-engineered Disposal Field (only)~~
7. ☐ Separated Laundry System
8. ☐ Complete Engineered System(2000gpd+)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal field (only)
11. ☐ Pre-treatment, specify:
12. ☐ Miscellaneous Components

SIZE OF PROPERTY

0.25 ☐ sq. ft. ■ acres

SHORELAND ZONING

☐ Yes ■ No

DISPOSAL SYSTEM TO SERVE

1. ■ Single Family Dwelling Unit, No. of Bedrooms: 2
2. ☐ Multiple Family Dwelling, No of Units:
3. ☐ Other: (SPECIFY)

Current Use ☐ Seasonal ■ Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY

1. ☐ Drilled Well 2. ☐ Dug Well 3. ☐ Private
4. ■ Public 5. ☐ Other:

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ■ Concrete USE EXIST.
   a. ■ Regular IF OK
   b. ☐ Low Profile
2. ☐ Plastic
3. ☐ Other:

CAPACITY 1000 gallons

DISPOSAL FIELD TYPE & SIZE

1. ☐ Stone Bed 2. Stone Trench
3. ■ Proprietary Device
   a. ☐ cluster array c. ■ Linear
   b. ■ regular load d. ☐ H-20 loaded
4. ☐ Other:

SIZE: 864 ■ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ■ No 3. ☐ Maybe
2. ☐ Yes >> Specify one below:
   a. ☐ multi-compartment tank
   b. ☐ tanks in series
   c. ☐ increase in tank capacity
   d. ☐ Filter on tank outlet

DESIGN FLOW

180 gallons per day
BASED ON:
1. ■ Table 4A (dwelling unit(s))
2. ☐ Table 4C (other facilities)
SHOW CALCULATIONS
- for other facilities -
2 BEDROOMS AT 90 GALLONS PER DAY EACH
3. ☐ Section 4G (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION
5 / C

at Observation Hole # TP-1
Depth 36 "
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

1. ■ Medium - 2.6 sq.ft./gpd
2. ☐ Medium-Large - 3.3 sq.ft./gpd
3. ☐ Large - 4.1 sq.ft./gpd
4. ☐ Extra-Large - 5.0 sq.ft./gpd

EFFLUENT/EJECTOR PUMP

1. ☐ Not required
2. ☐ May be required
3. ■ Required

Specify only for engineered systems:
DOSE: 50-125 Gallons

LATITUDE AND LONGITUDE

at center of disposal area
Lat. 43 d 44 m 00 s
Lon. 70 d 20 m 40 s
if g.p.s, state margin of error 17'

SITE EVALUATOR STATEMENT

I Certify that on 8/28/23 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature — SE # 348 — Date 8/28/23

NORMAN "BUD" HARRIS (HARRIS SEPTIC SOLUTIONS, INC.) (207) 892-2435 harrisseptic@gmail.com

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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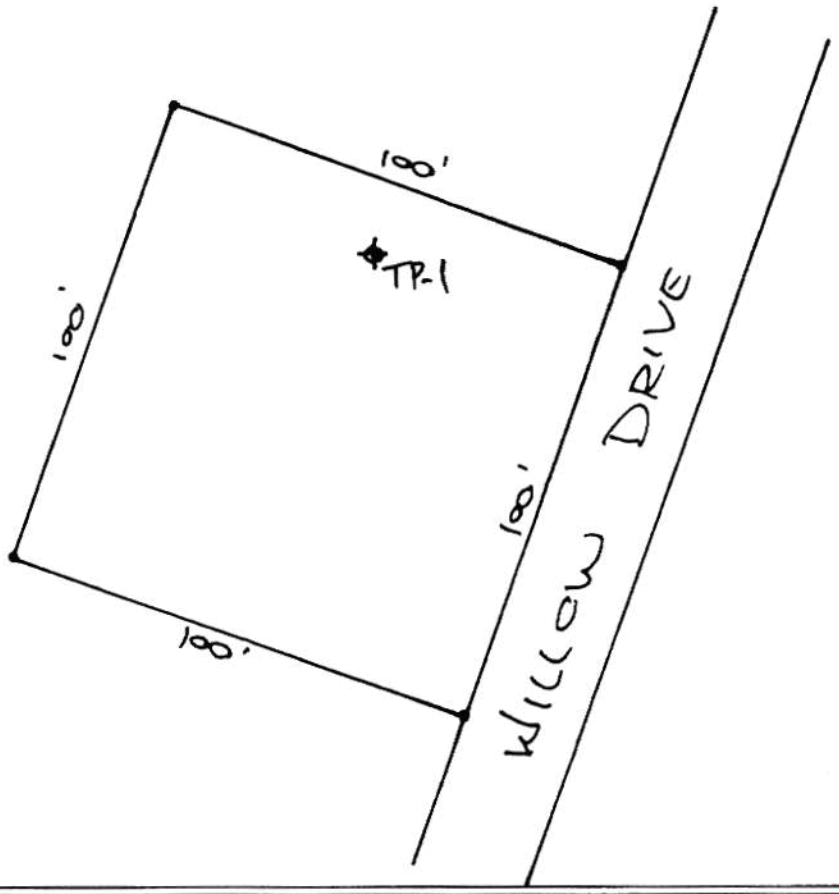
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Div of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-3165

Town, City, Plantation: WESTBROOK
Street, Road, Subdivision: 22 WILLOW DRIVE
Owner's Name: CHARLES TULL

SITE PLAN

Scale 1" = 40 ft. or as shown



SITE LOCATION PLAN



N

NORTH ORIENTATION APPROXIMATE

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP-1 ■ Test Pit ☐ Boring
0 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0–10	LOAMY SAND	VERY FRIABLE	DARK BROWN	
10–20	MEDIUM SAND	FRIABLE	YELLOW BROWN	
20–30	SAND	FRIABLE	LIGHT YELLOW BROWN	
30–40	FINE SAND	SOMEWHAT FIRM	PALE YELLOW BROWN	COMMON & DISTINCT
40–50				

Soil Classification		Slope	Limiting Factor	
5 Profile	C Condition	0 %	36"	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring
_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0–10				
10–20				
20–30				
30–40				
40–50				

Soil Classification		Slope	Limiting Factor	
Profile	Condition	%	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Site Evaluator Signature

#348 SE

8/28/23 Date

NORMAN "BUD" HARRIS (HARRIS SEPTIC SOLUTIONS, INC.) (207) 892-2435 harrisseptic@gmail.com

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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

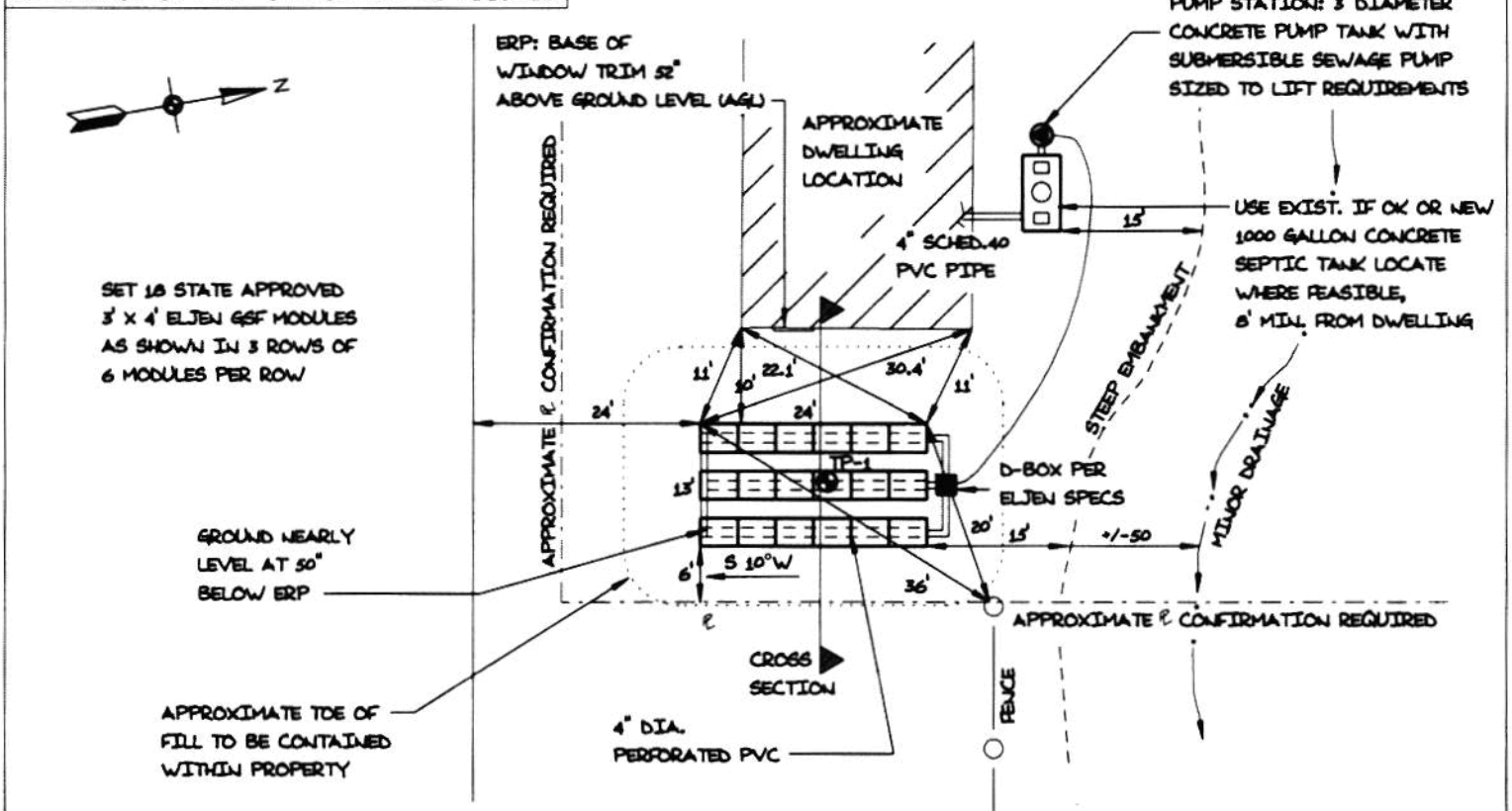
Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
WESTBROOK	22 WILLOW DRIVE	CHARLES TULL

INSTALLER TO CONFIRM ELEVATIONS NECESSARY TO OBTAIN PROPER GRAVITY DISTRIBUTION OR PUMP STATION MAY BE REQUIRED

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



- IT IS THE OWNER'S RESPONSIBILITY TO VERIFY THAT THERE ARE NO UNIDENTIFIED WELLS LOCATED WITHIN 100' OF DISPOSAL SYSTEM.
- ALL INFORMATION CONTAINED WITHIN THIS APPLICATION IS AS REPRESENTED BY OWNER, APPLICANT OR OWNER'S/APPLICANT'S REPRESENTATIVE. THE SITE EVALUATOR WILL NOT BE HELD RESPONSIBLE FOR ANY PERTINENT FACTORS NOT IDENTIFIED, DISCLOSED OR INACCURATELY DISCLOSED.

FILL REQUIREMENTS

Depth of Fill (Upslope)	: 11"
Depth of Fill (Downslope)	: 11"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	-39"
Top of Distribution Pipe or Proprietary Device	-51"
Bottom of Disposal Area	-62"

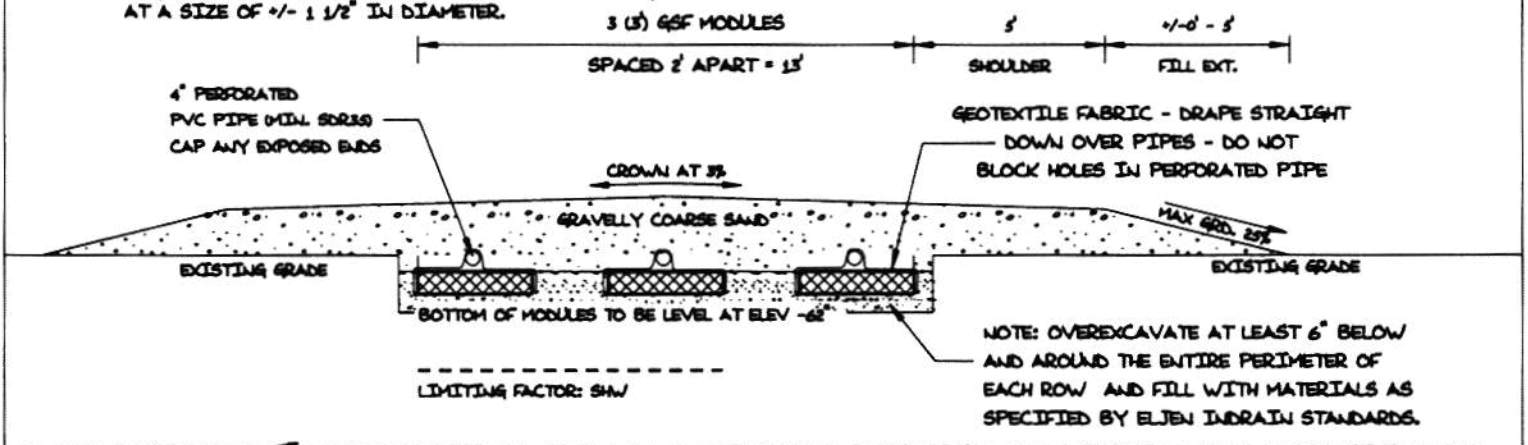
ELEVATION REFERENCE POINT

Location & Description BASE OF WINDOW TRIM 52" AGL
Reference Elevation -0"

DISPOSAL FIELD CROSS-SECTION

SCALES:
VERTICAL: 1" = 5 FT
HORIZONTAL: 1" = 5 FT

NOTES:
- GSF MODULES TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS
- BACKFILL TO BE GRAVELLY COARSE SAND FREE OF FINES AND ORGANIC DEBRIS
- FINAL GRADES SHALL BE LOAMED, SEEDED AND OR MULCHED TO PREVENT EROSION
- ANY STONE REQUIRED TO BE FREE OF FINES AND ORGANIC DEBRIS AT A SIZE OF +/- 1 1/2" IN DIAMETER.



- WHERE POSSIBLE, THE AREA UNDER THE DISPOSAL FIELD AND EXTENSIONS SHALL BE SCARIFIED 6 TO 8 INCHES TO CREATE A TRANSITION ZONE

Site Evaluator Signature — #348 SE — 8/28/23 Date

NORMAN "BUD" HARRIS (HARRIS SEPTIC SOLUTIONS, INC.) (207) 892-2435 harrisseptic@gmail.com

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CRT JRT

Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services

Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel: (207) 287-5672
Fax: (207) 287-4172; TTY: 1-800-606-0215

SUBSURFACE WASTEWATER DISPOSAL SYSTEM VARIANCE REQUEST

This form must accompany an application (HHE-200 Form) for any subsurface wastewater disposal system which requires a variance to provisions of the Subsurface Wastewater Disposal Rules. The Local Plumbing Inspector must not issue a permit for the installation of a subsurface wastewater disposal system requiring a variance from the Department of Health and Human Services until approval has been received from the Department.

GENERAL INFORMATION Town of WESTBROOK

Property Owner's Name: CHARLES TULL Tel. No.: 207-951-7431

System's Location: 22 WILLOW DRIVE

Property Owner's Address: 24 LEISURE LANE, LOT #36 Zip Code 04222

e-mail address: DURHAM, ME. CHARLEST888@HOTMAIL.COM

The subsurface wastewater disposal system design for the subject property requires a ☐ replacement system variance ☐ first time system variance to the Subsurface Wastewater Disposal Rules. This variance requires ☐ local approval ☐ local and state approval.

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator. Use additional sheets if needed.) **SECTION OF RULE**

1. 6' SETBACK - FIELD TO PROPERTY LINE — 8, TABLE 8A
2. 10' SETBACK - FIELD TO DWELLING — " "
3. 15' SETBACK - FIELD/TANK TO STEEP EMBANKMENT — " "

SITE EVALUATOR

When a property is found to be unsuitable for subsurface wastewater disposal by a licensed Site Evaluator, the Evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a variance to the Rules, and the Evaluator in his professional opinion feels the variance request is justified and the site limitations can be overcome, he shall document the soil and site conditions on the Application. The Evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The Evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department. Attach a separate sheet if necessary.

* CONFIRM WATER LINE >10' FROM ALL COMPONENTS
* CONFIRM PROPERTY LINES

I, NORMAN HARRIS, S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, the proposed system design on the attached Application is the best alternative available; enhances the potential of the site for subsurface wastewater disposal; and that the system should function properly.

SIGNATURE OF SITE EVALUATOR #348 DATE 8/28/23

PROPERTY OWNER

I, Matt Dow, am the ☐ owner ☑ agent for the owner of the subject property. I understand that the installation on the Application is not in total compliance with the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

☐ SIGNATURE OF OWNER
☑ AGENT FOR THE OWNER

12/8/23
DATE

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CRT JRT

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all variance requests prior to rendering a decision.
I, James DiEmedio, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (☐ does ☒ does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (☒ do ☐ do not) approve the requested variance. I (☒ will ☐ will not) issue a permit for the system's installation as proposed by the application.

J DiEmedio — LPI Signature

12/12/23 — Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all variance requests prior to forwarding to the Division of Environmental Health.
I, _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (☐ does ☐ does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (☐ do ☐ do not) recommend the issuance of a permit for the system's installation as proposed by the application.

_____ LPI Signature

_____ 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

Notes: 1. Variances for soil conditions may be approved at the local level as long as the total point assessment is at least the minimum allowed. (See Section 7.B.4 of the Subsurface Wastewater Disposal Rules for Municipal Review.)

2. Variances for other than soil conditions or soil conditions beyond the limit of the LPI's authority are to be submitted to the Department for review. (See Section 7.B.3 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.

SOIL, SITE AND ENGINEERING FACTORS FOR FIRST TIME SYSTEM VARIANCE ASSESSMENT WITH LIMITING SOIL DRAINAGE CONDITIONS (SEE TABLES 7C THROUGH 7M).

	CHARACTERISTIC	POINT ASSESSMENT
Soil Profile		
Depth to Groundwater/Restrictive Layer		
Terrain		
Size of Property		
Waterbody Setback		
Water Supply		
Type of Development		
Disposal Area Adjustment		
Vertical Separation Distance		
Additional Treatment		
	TOTAL POINT ASSESSMENT:	

Minimum Points (Check One): ☐ Outside Shoreland Zone-50 ☐ Inside Shoreland Zone-65 ☐ Subdivision-65

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CRT JRT

STATEMENT TO OWNER/APPLICANT

(Attachment to HHE-200)

A Site Evaluation as defined in The Maine Subsurface Wastewater Disposal Rules (August 3, 2015) is:

" The practice of investigating, evaluating, and reporting the basic soil and site conditions that apply to wastewater treatment and disposal along with a system design in compliance with this code."

All reported site features are interpreted from information supplied by the owner, applicant or representative. This information in turn is utilized as means to design a disposal system that complies with the Maine Subsurface Wastewater Disposal Rules. The owner, applicant, and/or representative prior to signing of this application must verify this information as correct.

Minimum separation distances required for disposal systems less than 1000 gpd (Unless reduced by variance)

Well (owner or neighbor) to disposal field 100'
Location of neighbor's wells is often difficult to observe. Many wells may be buried or hidden, making them unidentifiable. Confirmation from neighbor that their well is greater than 100' must be obtained prior to installation.

• Well to septic tank	50'
• Water supply line to any disposal component	10'
• Building (full basement) to disposal field	20'
• Building/Deck (no full basement) to disposal field	15'
• Building to Septic Tank	8'
• Waterbody (major) to any septic component	100'
• Waterbody (minor) to any septic component	50'
• Drainage ditches to disposal field	25'
• Property line to any septic component	10'*

* All fill material (fill extension) to be contained within property with 4:1 slope

If after review it is agreed that all information is accurate, the following steps should be taken.

1. Sign the Owner or Applicant Statement section on page 1 of the application
2. Sign any Variance forms or any special circumstance forms that may be attached
3. If required, secure any neighbor variance/release form signatures
4. Repeat signatures on all copies
5. Submit 3 copies to your local Code Enforcement for review and approval

Prior to installation it is recommended that all abutting property owners be notified.

OWNER SHOULD HAVE SEPTIC TANK PUMPED EVERY 3-4 YEARS

Harris Septic Solutions, Inc.
(207) 892-2435