

HOUSE SITE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Div. Environmental Health, 115HS
(207) 287-2070 Fax: (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	Perkins Township	Town/City	Perkins Township
Street or Road	Cherry Hill Road	Date Permit issued	10/11/22
Subdivision, Lot #	N/A	Fee: \$	265.00
OWNER/APPLICANT INFORMATION		Double Fee Charged ☐	
Name (last, first, MI)	Johnson Randall	Local Plumbing Inspector Signature	David S. [Signature]
Mailing Address of Owner/Applicant	50 Maine Street P.O. Box 424 Dixfield ME 04224	L.P.I. #	0769
Daytime Tel. #	207-490-4441	Fee: \$	state min fee \$
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.		Locally adopted fee	
Signature of Owner or Applicant		Copy: ☐ Owner ☐ Town ☐ State	
Date		The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued 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.	
9/26/22		Municipal Tax Map # FR026 Lot # 5.12	
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.		(1st) date approved	
Local Plumbing Inspector Signature		(2nd) date approved	

PERMIT INFORMATION	
TYPE OF APPLICATION	THIS APPLICATION REQUIRES
☒ 1. First Time System	☒ 1. No Rule Variance
☐ 2. Replacement System	☐ 2. First Time System Variance
Type replaced: _____	☐ a. Local Plumbing Inspector Approval
Year installed: _____	☐ b. State & Local Plumbing Inspector Approval
☐ 3. Expanded System	☐ 3. Replacement System Variance
☐ a. <25% Expansion	☐ a. Local Plumbing Inspector Approval
☐ b. >25% Expansion	☐ b. State & Local Plumbing Inspector Approval
☐ 4. Experimental System	☐ 4. Minimum Lot Size Variance
☐ 5. Seasonal Conversion	☐ 5. Seasonal Conversion Permit
SIZE OF PROPERTY	DISPOSAL SYSTEM TO SERVE
60 ±	☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 2
☐ 50. FT. ACRES	☐ 2. Multiple Family Dwelling, No. of Units: _____
SHORELAND ZONING	☐ 3. Other: _____ (specify)
☐ Yes ☒ No	Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped
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 (2000 gpd or more)	
☐ 9. Engineered Treatment Tank (only)	
☐ 10. Engineered Disposal Field (only)	
☐ 11. Pre-treatment, specify: _____	
☐ 12. Miscellaneous Components	
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	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
☒ 1. Concrete	☐ 1. Stone Bed ☐ 2. Stone Trench	☒ 1. No ☐ 2. Yes ☐ 3. Maybe	"180" gallons per day
☐ a. Regular	☒ 3. Proprietary Device	If Yes or Maybe, specify one below:	BASED ON:
☐ b. Low Profile	☐ a. cluster array ☐ c. Linear	☐ a. multi-compartment tank	☒ 1. Table 4A (dwelling unit(s))
☐ 2. Plastic	☒ b. regular load ☐ d. H-20 load	☐ b. _____ tanks in series	☐ 2. Table 4C (other facilities)
☐ 3. Other: _____	☐ 4. Other: _____	☐ c. increase in tank capacity	SHOW CALCULATIONS for other facilities
CAPACITY: 1,000 GAL.	SIZE: 14' EJECTOR IN DIAPS	☐ d. Filter on Tank Outlet	Proposed New 2 Bedroom 36' x 60' Single Family Dwelling
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING	EFFLUENT/EJECTOR PUMP	ATTACH WATER METER DATA
PROFILE CONDITION	☐ 1. Medium—2.6 sq. ft. / gpd	☒ 1. Not Required	LATITUDE AND LONGITUDE
at Observation Hole # 1+2	☒ 2. Medium—Large 3.3 sq. ft. / gpd	☐ 2. May Be Required	at center of disposal area
Depth 36"	☐ 3. Large—4.1 sq. ft. / gpd	☐ 3. Required	Lat. 44° d 36' m 320 s
of Most Limiting Soil Factor 1/5	☐ 4. Extra Large—5.0 sq. ft. / gpd	Specify only for engineered systems:	Lon. 69° d 53' m 305 s
		DOSE: _____ gallons	if g.p.s, state margin of error: 30'

SITE EVALUATOR STATEMENT	
I certify that on 9/15/22 (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	173
Steve Hamilton	SE #
Site Evaluator Name Printed	207-897-6962
	Telephone Number
	9/18/22
	Date
	N/A
	E-mail Address

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

HOUSE SITE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

PERKINS Township

Cherry Hill Rd

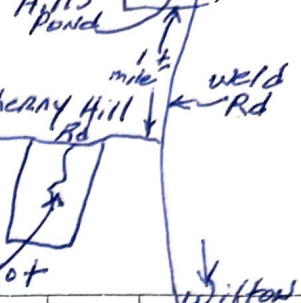
RANDALL Johnson

SITE PLAN

Scale 1" = 50' ft. or as shown

SITE LOCATION PLAN

(map from Maine Atlas recommended)



"Legend"

- = Reference Elevation
- ▲ = Well Area Point
- W = Swing Tie 2' ft Ash Tree
- = Soil Observation And Borings
- X = WIRE FLAGS Set to Show Ejector Disposal Area

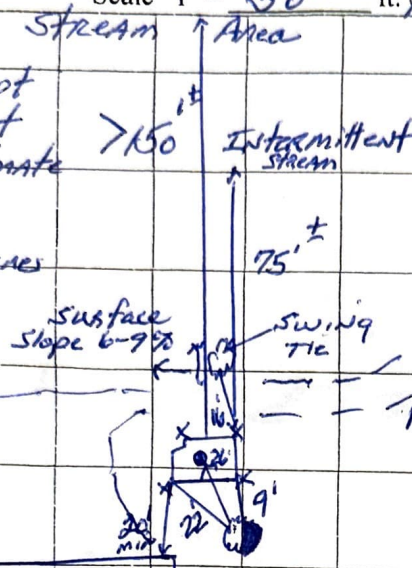
* Note *

This sketch is not a survey. The lot lines are approximate and stated by owner.

The parcel is 60 acres with no property lines within 100'

Possible Future well

Proposed New 2 Bedroom S.F. Dwelling



Wooded LAND

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

Observation Hole 1+2 ☒ Test Pit ☒ Borings
0" " Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0 Fine sandy loam		Brown	
10 Sandy loam		Yell/brow	
20 Silts	RIABLE	light brown	many +
30 Imp fragmentary		light gray	distinct
40 Angular Rocks and fragments			
50			

Soil Classification	Slope	Limiting Factor	☒ Ground Water
3 C	7-11%	15"	☐ Restrictive Layer
Profile Condition			☐ Bedrock
			☐ Pit Depth

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

Texture	Consistency	Color	Mottling
0 The Reference Elevation Point is a NAIL set in a flagged 4" inch flagged Maple Tree. The Ejector IN DRAINS to the Bottom At Row #1 will be 36 inches below the NAIL set in the Reference Elevation Point. The NAIL measures 29" inches up from the soil surface.			
10			
20			
30			
40			
50			

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

Steve Hamilton

173

9/18/22

Site Evaluator Signature

SE #

Date

HOUSE SITE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation

Street, Road, Subdivision

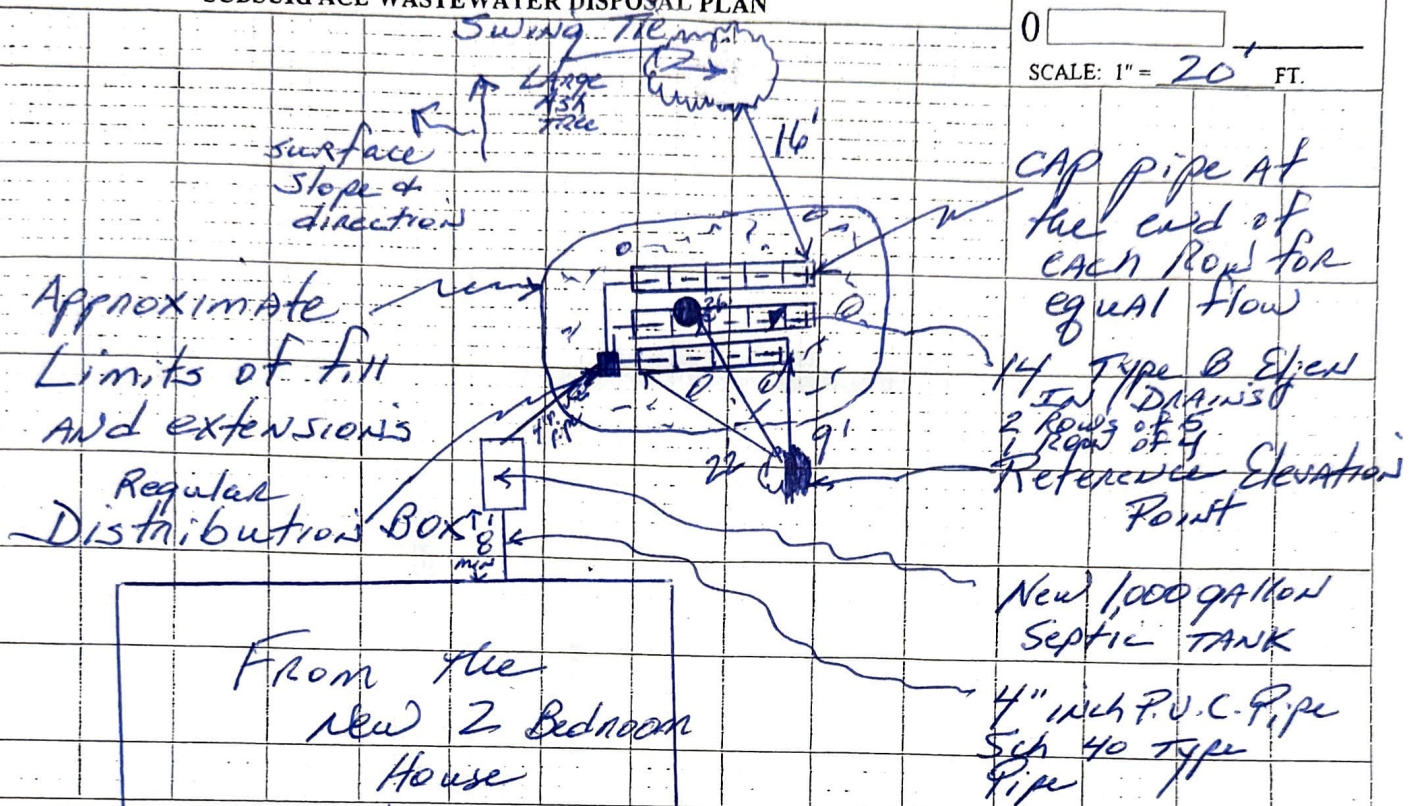
Owner's Name

PERKINS TOWN SHIP Cherry Hill Rd

RANDALL JOHNSON

SUBSURFACE WASTEWATER DISPOSAL PLAN

0
SCALE: 1" = 20' FT.



FILL REQUIREMENTS

Depth of Fill (Upslope)

18" ±

CONSTRUCTION ELEVATIONS

Finished Grade Elevation

At Row #1 - 17"

Top of Distribution Pipe

At Row #1 - 25"

Depth of Fill (Downslope)

15-18"

Bottom of

Elbows At Row #1 - 36"

ELEVATION REFERENCE POINT

Location & Description: Nail set in a

Hugged 4" maple tree.

Reference Elevation:

Please Refer to pg 2

DISPOSAL AREA CROSS SECTION

Scale

Horizontal 1" = ft.

Vertical 1" = ft.

GENERAL NOTES TO OWNER/CONTRACTOR

- ① CALL Dig Safe
- ② BACKFILL MEANS GRAVELLY COARSE SAND BACKFILL
- ③ The location of septic tank may change depending on House location and elevation
- ④ All disposal areas must be > 100' feet from all wells and streams
- ⑤ Contractor should divert all surface water and gray water away from Elbow Disposal area.
- ⑥ This design requires 14 Type B Elbows set in 3 Rows - 2 Rows of 5 and 1 Row of 4

Steve Hamilton

173

9/18/22

Site Evaluator Signature

SE #

Date

HOUSE SITE

TOWN CITY PLANTATION
Tavernis Township

STREET, ROAD, SUBDIVISION
Cherry Hill Road

OWNER'S NAME
Randall Johnson

SCALE
VERT. 1"=5'
HORIZ. 1"=5'

NOTES:

1. FILL REQUIREMENTS VARY GREATLY BECAUSE OF BED LOCATION. CONTRACTOR SHALL FIELD CHECK ALL SLOPES AFTER DETERMINING ACTUAL FILL REQUIREMENTS.
2. NOTES ON PAGE OF ARE HEREBY MADE PART OF THIS HSE-200 FORM.
3. THE FIRST 6" DIRECTLY BENEATH THE IN-DRAINS SHALL BE MEDIUM TO COARSE TEXTURED SAND WITH AN EFFECTIVE SIZE OF 0.25 TO 2.0 MM, NO GREATER THAN 5% PASSING A #200 SIEVE AND NO PARTICLES LARGER THAN 3/4 INCH OR MATERIALS MEETING THE ASTM C-33 SPECIFICATION. CONCRETE OR WASHED SAND IS A RELIABLE CHOICE. SUITABILITY OF BANK RUN SAND OR SITE DISPOSAL AREA SOIL MUST BE VERIFIED.
4. ROTO-TILL ORIGINAL SURFACE THOROUGHLY IN ALL AREAS OF THE SYSTEM INCLUDING FILL EXTENSIONS BEFORE PLACING FILL. REMOVE ALL ORGANIC LAYER IN AREA OF SYSTEM.
5. ROWS SHOULD BE LEVEL WITH A TOLERANCE OF 1/100 FT.
6. SECTION SHOWN IS BASED ON AN AVERAGE EXISTING GROUND SLOPE OF 2%.

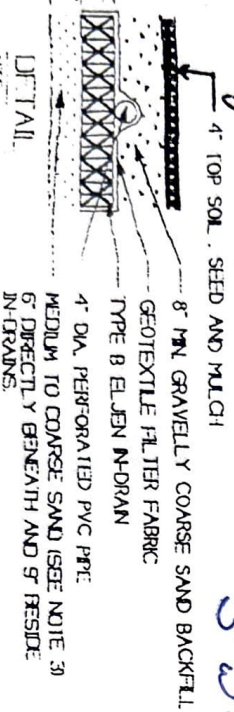
FILL REQUIREMENTS AT SECTION:
DEPTH OF FILL (UP/SLOPE) 18" ±
DEPTH OF FILL (DOWNSLOPE) 15-18" ±

CONSTRUCTION ELEVATIONS:
E.R.P. REFERENCE ELEVATION IS 0'

ROW
FINISH GRADE At Row #1 - 17" Row 2 - 22" Row 3 - 27"
TOP OF DISTRIBUTION PIPE At Row #1 - 25" Row 2 - 30" Row 3 - 35"
BOTTOM OF IN-DRAINS At Row #1 - 36" Row 2 - 41" Row 3 - 46"

14 TYPE B IN-DRAINS, ROWS OF 5 EACH ROW
2 ROWS OF 4

Typical Eject Profile



EXISTING GRADE

GRAVELLY COARSE SAND BACKFILL

4" of loam and seeded
to prevent erosion

Steve Plamondon
SITE EVALUATOR SIGNATURE

173

9/18/22
DATE

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