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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation	Livermore, Maine
Street or Road	Hinkley Road
Subdivision, Lot #	--

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Timberlake, Kenneth ✓Owner ✓Applicant

Mailing Address of Owner/Applicant: PO Box 713, Livermore, ME 04253

Daytime Tel. #: 207-754-1808 (Linda Timberlake)

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 _____

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City Livermore Permit # 1609

Date Permit Issued 6/29/21 Fee: $ 265.00 Double Fee Charged [ ]

Local Plumbing Inspector Signature L.P.I. # 2234

Fee: $_____ state min fee $_____ Locally adopted fee

Copy: [ ] Owner [ ] Town [ ] State

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

Municipal Tax Map # _____ Lot # _____

CAUTION: INSPECTION REQUIRED

I have inspected the installation authoirzed 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

✓1. First Time System
2. Replacement System
Type replaced: _____
Year installed: _____
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 Permit

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

SIZE OF PROPERTY

3.5± ✓ACRES SQ. FT.

DISPOSAL SYSTEM TO SERVE

✓1. Single Family Dwelling Unit, No. of Bedrooms: 3
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

SHORELAND ZONING

Yes ✓No

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

✓1. Concrete
✓a. Regular
b. Low Profile
2. Plastic
3. Other: _____
CAPACITY: 1,000 GAL.

DISPOSAL FIELD TYPE & SIZE

✓1. Stone Bed 2. Stone Trench
3. Proprietary Device
a. cluster array c. Linear
b. regular load d. H-20 load
✓4. Other: 15'x60'
SIZE: 900 ✓sq. ft. lin. ft.

GARBAGE DISPOSAL UNIT

✓1. No 2. Yes 3. Maybe
If Yes or Maybe, specify one below:
a. multi-compartment tank
b ___ tanks in series
c. increase in tank capacity
d. Filter on Tank Outlet

DESIGN FLOW

270 gallons per day
BASED ON:
✓1. Table 4A (dwelling unit(s))
2. Table 4C(other facilities)
SHOW CALCULATIONS for other facilites
3. Section 4G (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION
3 / C
at Observation Hole # TB-1
Depth 23 "
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

1. Medium---2.6 sq. ft. / gpd
✓2. Medium---Large 3.3 sq. f.t / gpd
3. Large---4.1 sq. ft. / gpd
4. Extra Large---5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

✓1. Not Required (see Note p.3)
2. May Be Required
3. Required
Specify only for engineered systems.
DOSE _____ gallons

LATITUDE AND LONGITUDE

at center of disposal area
Lat 44 d 26 m 50.37 s N
Lon. 70 d 12 m 37.05 s W
if g.p.s, state margin of error: _____

SITE EVALUATOR STATEMENT

I certify that on 6/8/21 (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 — 406 SE # — 6/28/21 Date

Scott R. Dixon
Site Evaluator Name Printed — 207-897-6752 Telephone Number — scott@main-landdci.com E-mail Address

SITE OF MAINE · SCOTT R. DIXON LSE 406 · SITE EVALUATOR

Initial: EB LDT

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

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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

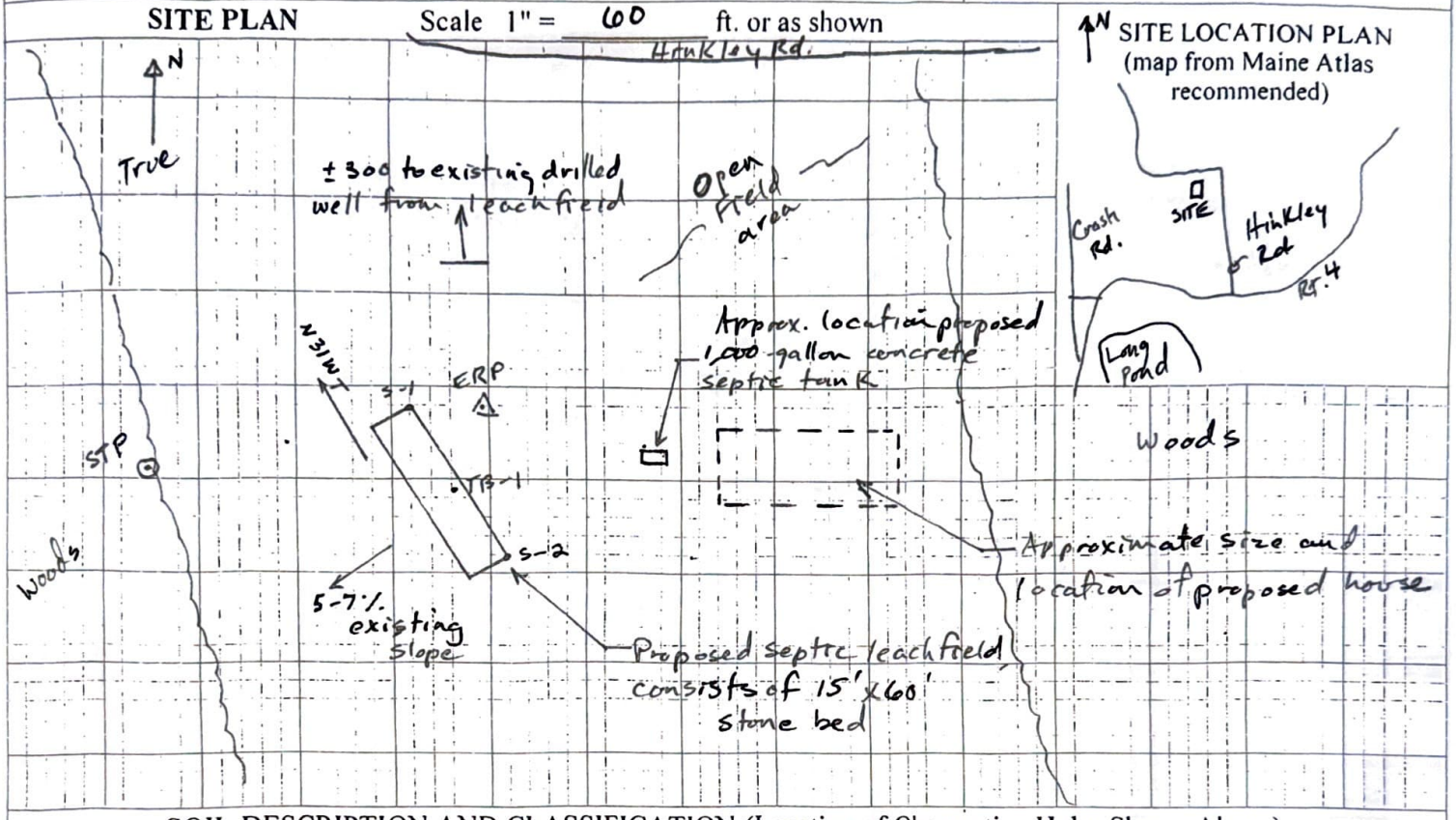
Town, City, Plantation: Livermore, ME

Street, Road, Subdivision: Hinkley Rd.

Owner's Name: Kenneth Timber lake

SITE PLAN

Scale 1" = 60 ft. or as shown



SITE LOCATION PLAN
(map from Maine Atlas recommended)

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

Observation Hole TB-1 ☐ Test Pit ☑ Boring

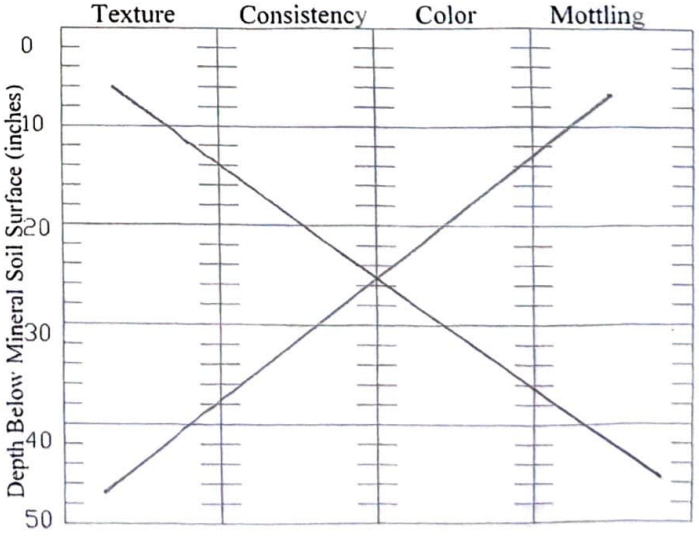
2 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	Loamy fine sand, with gravel	Friable	Dark brown; Light brown	None
10–20			Brown	
20–30		Firm	Light gray-brown	Rare, faint
30–40				
40–50				

Soil Classification	Slope	Limiting Factor	
3 Profile / C Condition	5-7 %	23 "	[X] Ground Water; [X] Restrictive Layer; [ ] Bedrock; [ ] Pit Depth

Observation Hole N/A ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
Profile / Condition	%	"	[ ] Ground Water; [ ] Restrictive Layer; [ ] Bedrock; [ ] Pit Depth

Site Evaluator Signature: [signature] | SE #: 406 | Date: 6/28/21

Initial: FB | Initial: KDT

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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

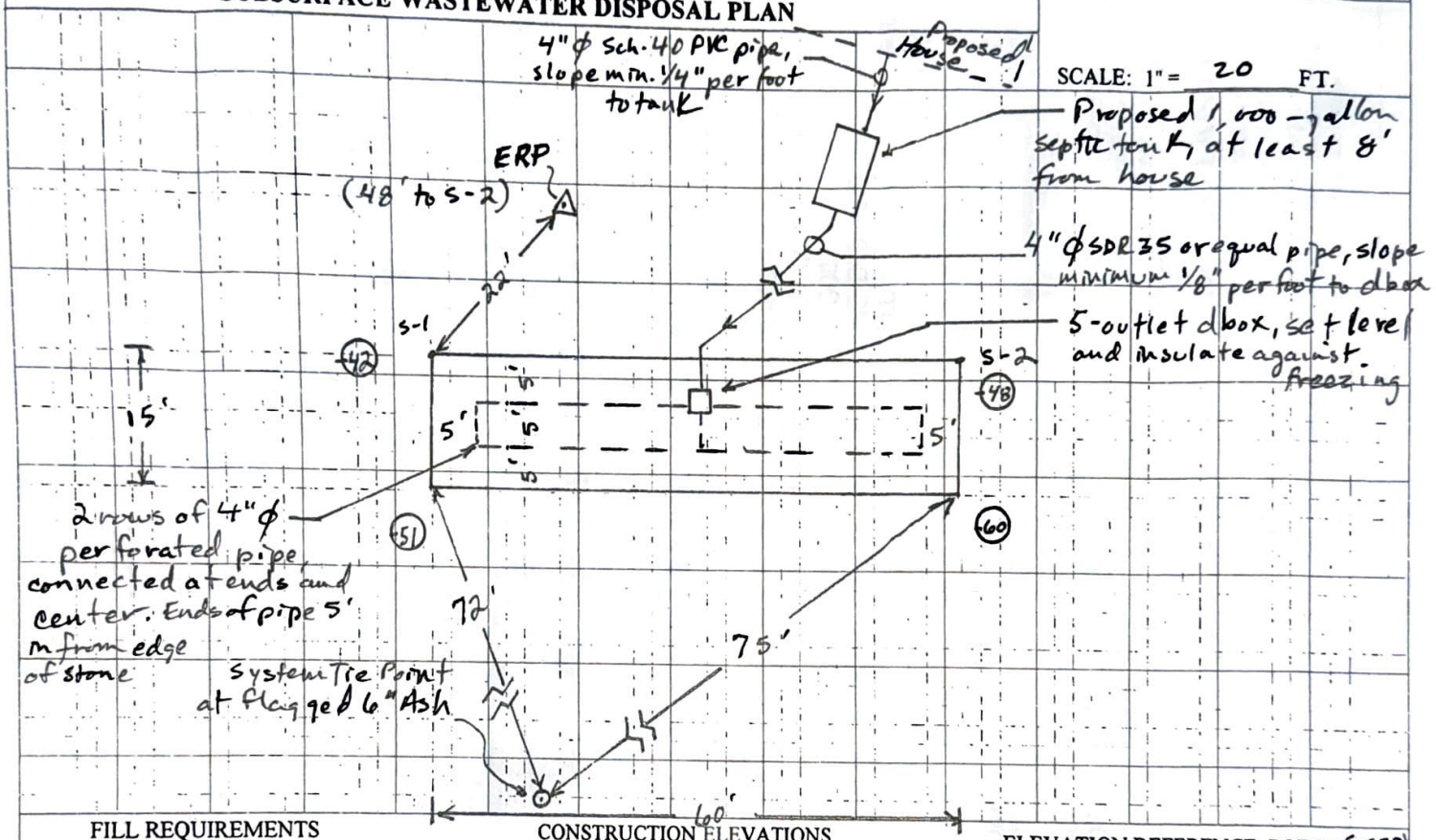
Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation: Livermore, ME

Street, Road, Subdivision: Hinkley Rd.

Owner's Name: Kenneth Tmberlake

SUBSURFACE WASTEWATER DISPOSAL PLAN



FILL REQUIREMENTS

Depth of Fill (Upslope): 15" ±

Depth of Fill (Downslope): 26" ±

CONSTRUCTION ELEVATIONS (at S-1)

Finished Grade Elevation	-30" ±
Top of Distribution Pipe	-45"
Bottom of Disposal Area: Stone	-56"

ELEVATION REFERENCE POINT (ERP)

Location & Description: ERP is a mark 27" up on a driven stake

Reference Elevation: ERP = 0"

DISPOSAL AREA CROSS SECTION

Scale: Horizontal 1" = 5 ft. Vertical 1" = 5 ft.

(X) = Approximate existing grade at staked leachfield corners, in inches, referencing ERP

See Page 4 of 4 attached for Disposal Area Cross Section

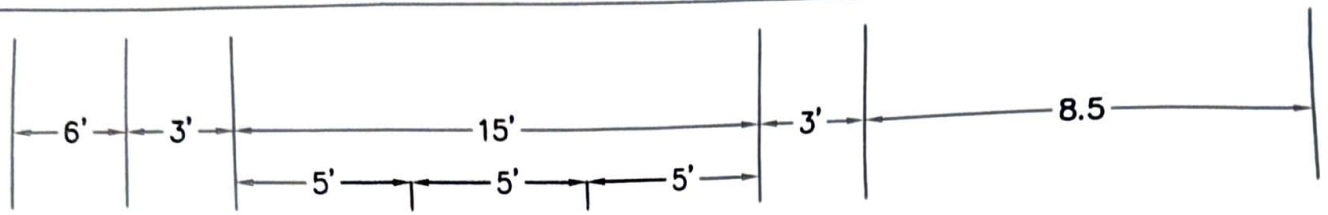
NOTE: Prior to construction, Contractor should confirm that elevations of new building sewer and septic tank allow for gravity flow to proposed leachfield.

Site Evaluator Signature

406 — SE #

6/28/21 — Date

Initial: FB Initial: KDT



MINIMUM 4" OF LOAM COVER, SEED AND MULCH TO PREVENT EROSION

PLACE LAYER OF FILTER FABRIC OVER STONE

3% CROWN

MINIMUM 6" OF GRAVELLY COARSE SAND BACKFILL OVER FABRIC & STONE

SEAL TOE OF SLOPE WITH LOAMY MATERIAL (APPROX. BOTTOM 1/3 OF SLOPE)

4:1

APPROX. CUT 11"

EXISTING SLOPE 6% (AVERAGE)

14" OF 1-1/2" CLEAN, CRUSHED STONE, SEE SPECIFICATION BELOW

4" DIAMETER PERFORATED PIPE WITH 1" OF STONE OVER PIPE

CREATE 4" TRANSITION ZONE BY MIXING GRAVELLY COARSE SAND WITH ORIGINAL SOIL BENEATH STONE BED AND DOWNSLOPE FILL EXTENSION AND SIDESLOPE FILL EXTENSION

FB Initial

LDT Initial

1-1/2" STONE TO BE CLEAN AND FREE OF FINES. STONE SHALL MEET THE FOLLOWING SIEVE SIZE REQUIREMENT:
100% PASSING 2"
95-100% PASSING 1-1/2"
0-40% PASSING ¾"
0-20% PASSING ½"
0-8% PASSING ⅜"
0-5% PASSING #4
0-2% PASSING #200

ELEVATION ERP = 0"
FINISH GRADE: (at s-1) -30" ±
TOP OF PIPE: -45"
BOTTOM OF STONE: -56"

NOTE: BACKFILL MEANS GRAVELLY COARSE SAND

DEPTH OF FILL (UPSLOPE): 15"±
DEPTH OF FILL (DOWNSLOPE): 26"±

ANY QUESTIONS IN CONSTRUCTION OF SEPTIC SYSTEM CONTACT: SCOTT DIXON

6/28/21

SCOTT R. DIXON LSE #406

ATTACHMENT TO FORM HHE-200, PAGE 4 OF 4

DISPOSAL AREA CROSS SECTION

DRAWN BY: JSPL
CHECKED BY: SRD

DESIGN COMPLETED FOR:
KENNETH TIMBERLAKE

LOCATION:
HINKLEY RD.
LIVERMORE, MAINE

SCALE 1"=5'

MAIN-LAND DEVELOPMENT CONSULTANTS, INC.
69 MAIN ST. LIVERMORE FALLS, MAINE
PH: (207) 897-6752 FAX: (207) 897-5404
WWW.MAIN-LANDDCI.COM

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