8152

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation	Biddeford
Street or Road	104 Old Pool Rd
Subdivision, Lot #	

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Maritime Excavation LLC — Owner [ ] Applicant [✓]

Mailing Address of Owner/Applicant	19 Kimball Lane
	Kennebunk 04043
Daytime Tel. #	712-7148

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 _____ Permit # _____

Date Permit Issued ___/___/___ Fee: $_____ Double Fee Charged [ ]

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

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
(SQ. FT.) ACRES

DISPOSAL SYSTEM TO SERVE
(1. Single Family Dwelling Unit) No. of Bedrooms: 4
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: 1000 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: _____
SIZE: 1344 (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
360 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
2 / All
at Observation Hole # TP1
Depth 12 "
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
2. May Be Required
(3. Required)
Specify only for engineered systems:
DOSE: _____ gallons

LATITUDE AND LONGITUDE
at center of disposal area
Lat. 43 d 26 m 36 s
Lon. 70 d 22 m 47 s
if g.p.s, state margin of error: 15

SITE EVALUATOR STATEMENT

I certify that on 9/4/25 (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).

Hope Hampton — 427 — 9/4/25 REV 5/15/26 7/7/26
Site Evaluator Signature | SE # | Date

Hope Hampton — 207-632-8125 — hamptonsiteeval@gmail.com
Site Evaluator Name Printed | Telephone Number | E-mail Address

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

8152

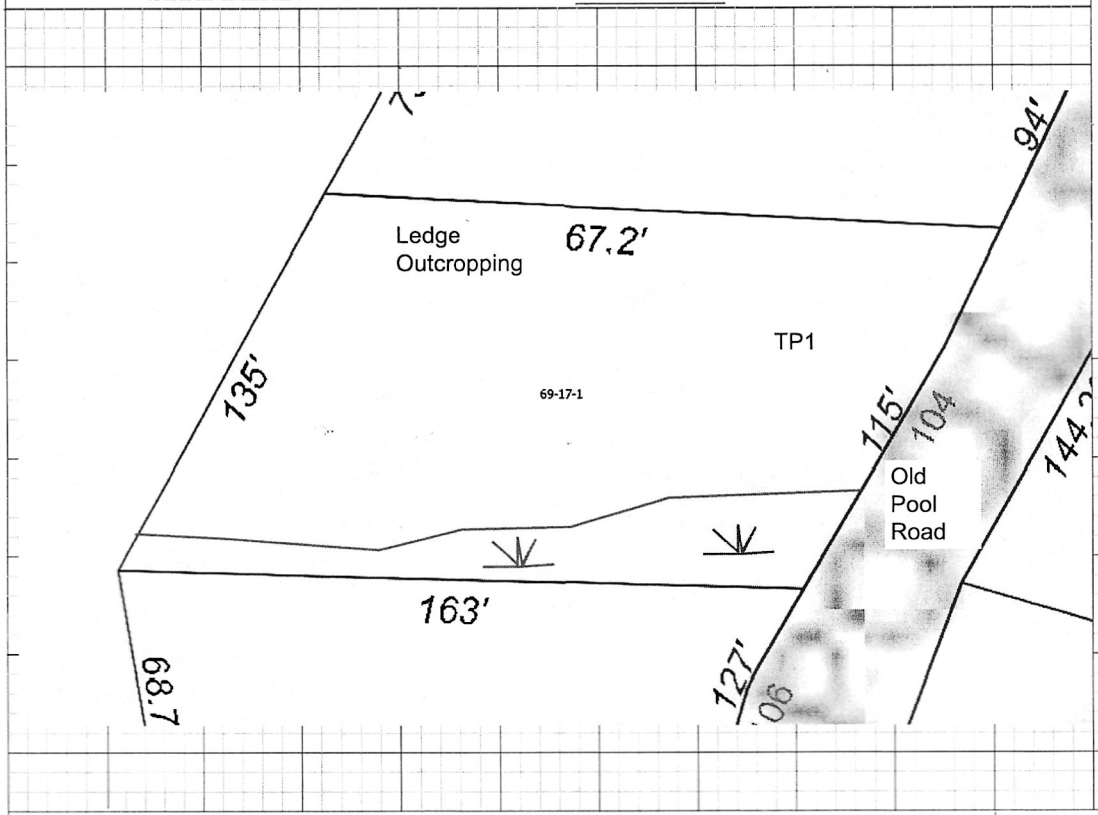
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

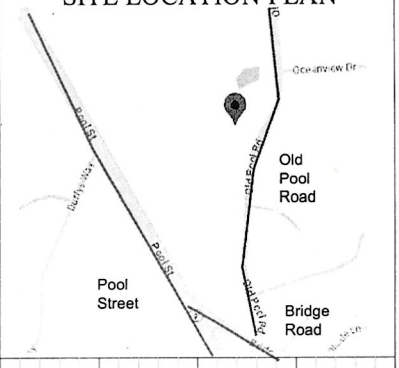
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Biddeford	104 Old Pool Rd	Maritime Excavation LLC

SITE PLAN

Scale 1" = NTS ft. or as shown



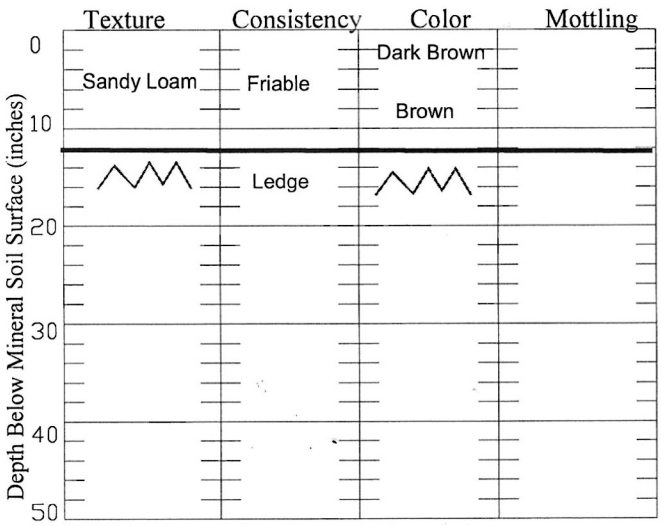
SITE LOCATION PLAN



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

Observation Hole TP1 ☑ Test Pit ☐ Boring

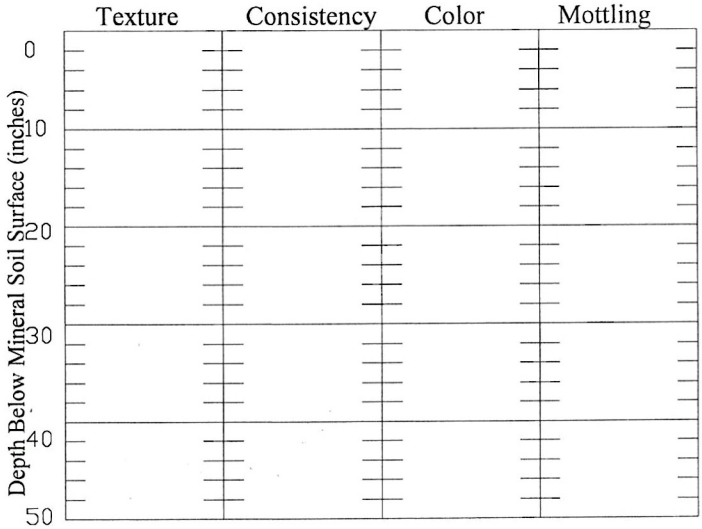
_____ " Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
2 Profile / All Condition	4 %	12 "	[ ] Ground Water [ ] Restrictive Layer [■] Bedrock [ ] Pit Depth

Observation Hole _____ ☐ 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 | 427 SE # | 9/4/25 Date | Rev 5/15/26 7/7/26

8152

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

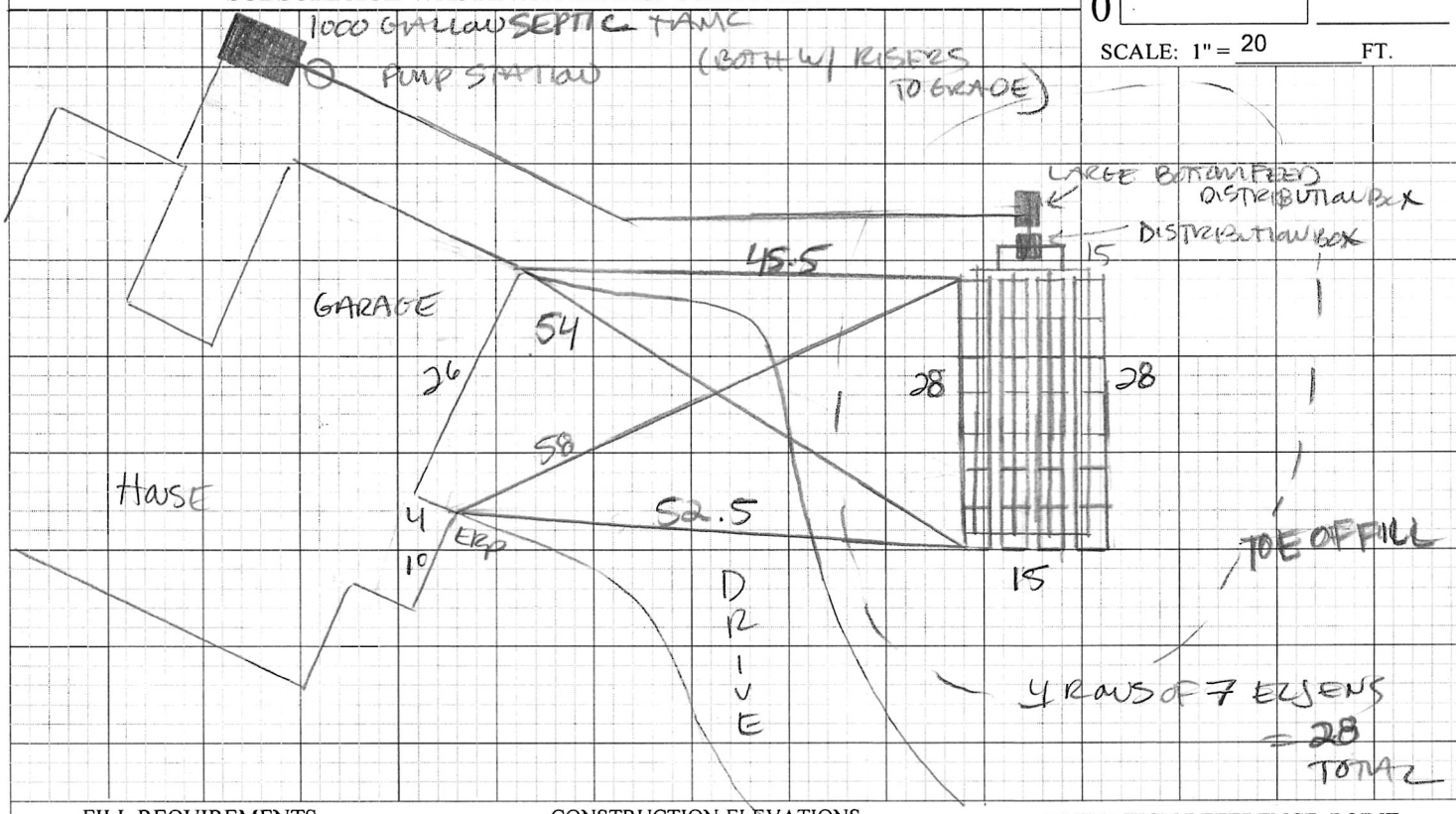
Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Biddeford	104 Old Pool Rd	Maritime Excavation LLC

SUBSURFACE WASTEWATER DISPOSAL PLAN

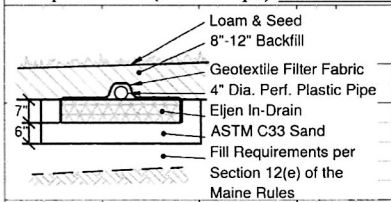
0

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	35	Finished Grade Elevation	-10	Location & Description: Bottom of siding
Depth of Fill (Downslope)	42	Top of Distribution Pipe or Proprietary Device	-20	Reference Elevation: 0
		Bottom of Disposal Area	-31	

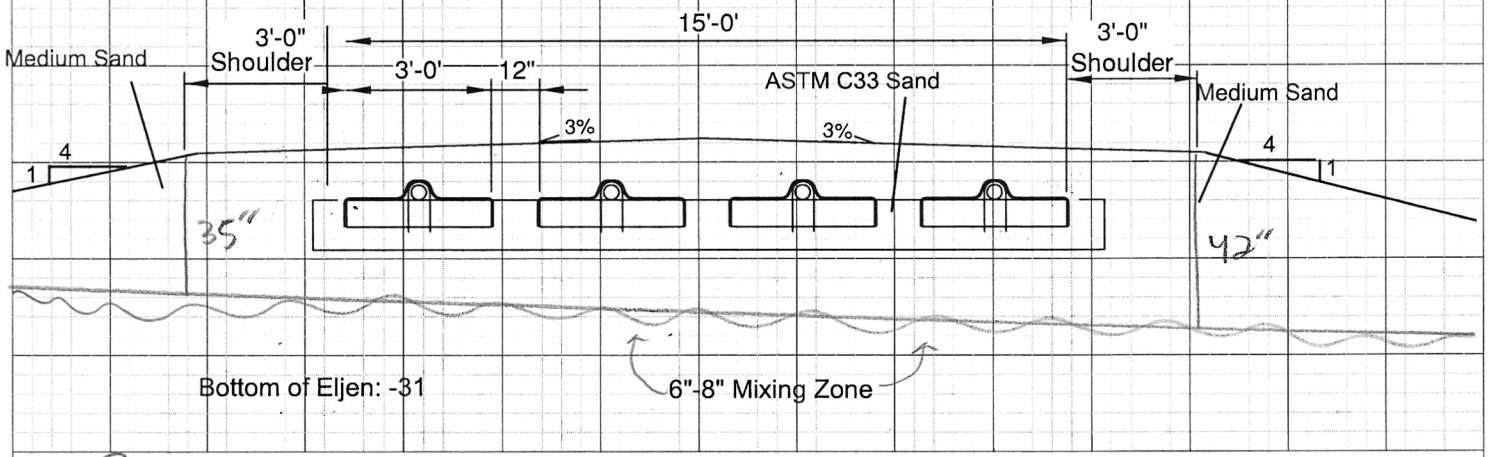
DISPOSAL AREA CROSS SECTION



Note: All ground to be filled must be scarified.

Note: Materials and installation shall be in accordance with Maine Subsurface Wastewater Disposal Rules dated 9/23 as amended

Scale
Horizontal 1" = 4 ft.
Vertical 1" = 4 ft.



Site Evaluator Signature	SE #	Date	
	427	9/4/25	REV 5/15/26 7/7/26

MARK HAMPTON ASSOCIATES, INC.

SOIL EVALUATION • WETLAND DELINEATIONS • SOIL SURVEYS • WETLAND PERMITTING

HHE-200 Notes

(All work should be in accordance with the Maine Subsurface Wastewater Rules dated 9/23, as amended.)

Construction:

Construction of the disposal area should be done in dry conditions at temperatures above 32 degrees.

The ERP and ties points are not to be altered by anyone except the site evaluator.

Minimum distances:

- Septic tank to foundation or post (8 ft), well (50 ft), property line (10 ft)
- Disposal bed to foundation (20 feet), slab/post (15 feet), well (100 feet), property line (10 feet)

All septic tanks, pump stations, and pretreatment units must have a minimum of one watertight riser to grade, min. 18" wide.

All pump stations and pipes to be insulated with 2" of rigid polystyrene if to be installed above the frost line.

All distribution boxes to be set on a firm base, perfectly level, and backfilled appropriately to avoid any shifting. For Eljen In-drain designs, unless specified otherwise, two pipes must exit the side outlets of the distribution box into a manifold pipe which is connected to the distribution pipes that lay on top of the Eljen units.

Backfill on top of disposal beds must be graded to a minimum of 3% slope to avoid any ponding of surface water over the bed.

All ground to be filled must be scarified. All organic material to be removed, but the original soils must be maintained as much as possible. The top 6"-8" of soils to be broken up and loosened with backhoe teeth, etc. and minimum 4" of backfill material is to be mixed into the soil to create a mixing zone.

Any disposal bed installed partially or fully above original grade must have a minimum of a 3' shoulder before sloping at a 4:1 (or less).

Backfill material must be gravelly coarse sand as specified in Table 12A of Chap. 241, expect for Eljen designs which require ASTM C33 sand (referred to as medium sand on design).

Disposal areas to be covered with a minimum of 4" of loam and seeded.

Use:

Septic tanks should be pumped on a regular basis, generally every 3 years, or when sludge and scum comprise approximately 1/3 of the tank capacity.

Garbage disposals are not recommended. This design has not incorporated the use of a garbage disposal or water treatment system unless specified.

No vehicular traffic should occur over any septic system component unless specified in the design.