RECEIVED

OCT 4 2022

Town = 187.50 - State = 62.50 = Maine DEP Water Quality $15.00

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	ANDOVER
Street or Road	424 South MAIN ST.
Subdivision, Lot #	

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City Andover Permit # 609

Date Permit Issued 1/1 Fee: $ 265.00 Double Fee Charged [ ]

Randy Thurston L.P.I. # 2206

Local Plumbing Inspector Signature

□ Owner □ Town □ State

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	GOYETTE, NATHANIEL ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant	190 WYMAN HILL RD.
	RUMFORD, ME 04276
Daytime Tel. #	207-806-9876

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 # 008 Lot # 15

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: 9/8/2022

CAUTION: INSPECTION REQUIRED

I have inspected the installation authoirzed above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 9/20/22 (1st) date approved

Local Plumbing Inspector Signature — 9/20/22 (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

5 ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 6
- ☐ 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
  - ☒ a. Regular
  - ☐ b. Low Profile
- ☐ 2. Plastic
- ☐ 3. Other:

CAPACITY: 1,500 GAL

DISPOSAL FIELD TYPE & SIZE

- ☐ 1. Stone Bed ☐ 2. Stone Trench
- ☒ 3. Proprietary Device ELJEN B43
  - ☐ a. cluster array ☐ c. Linear Module
  - ☐ b. regular load ☐ d. H-20 load
- ☐ 4. Other: _____

SIZE: _____ ☐ 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

540 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

5 B

at Observation Hole # TP-1

Depth 50"

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

- ☐ Not Required
- ☒ May Be Required
- ☐ Required

Specify only for engineered systems:

DOSE: _____ gallons

LATITUDE AND LONGITUDE at center of disposal area

Lat. 44 d 37 m 16.5 s

Lon. 70 d 44 m 43.1 s ±9

if g.p.s, state margin of error: _____

SITE EVALUATOR STATEMENT

LON. 70d 44m 43.1s

I certify that on 9-4-22 (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	SE #	Date
	217	9-5-22

Site Evaluator Name Printed	Telephone Number	E-mail Address
Thomas D. LONGLEY	207-754-4191	tlongley@roadrunner.com

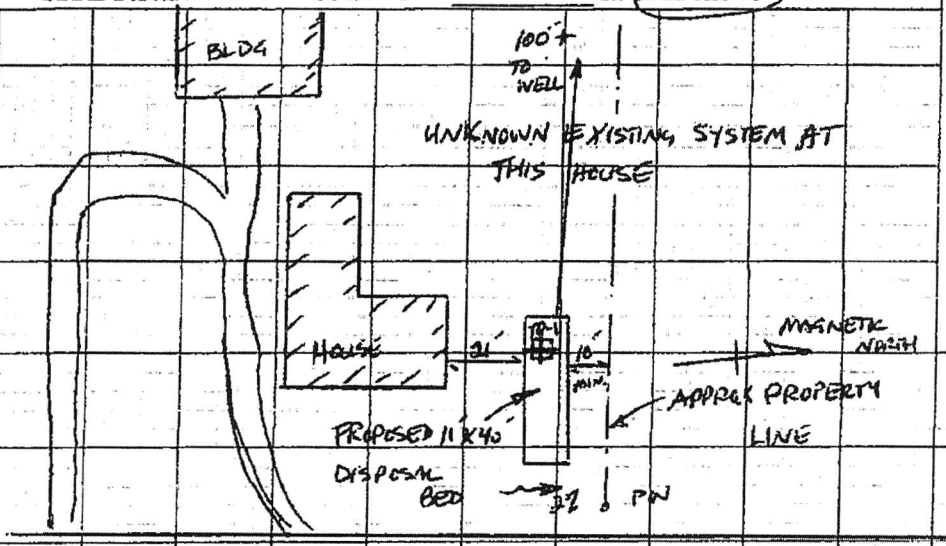
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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
ANDOVER	434 SOUTH MAIN ST.	NATHANIEL GOYETTE

SITE PLAN Scale 1" = _____ ft. or as shown

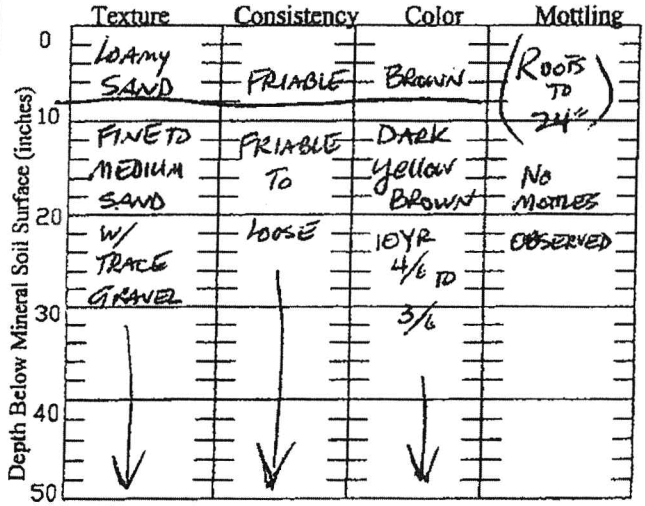


SITE LOCATION PLAN
(map from Maine Atlas recommended)



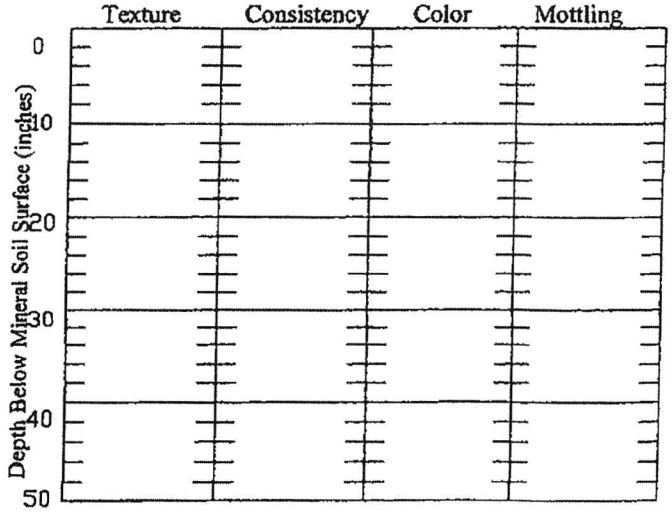
SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

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



Soil Classification	Slope	Limiting Factor	
5 / B (Profile / Condition)	2 %	50"	[ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [X] 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

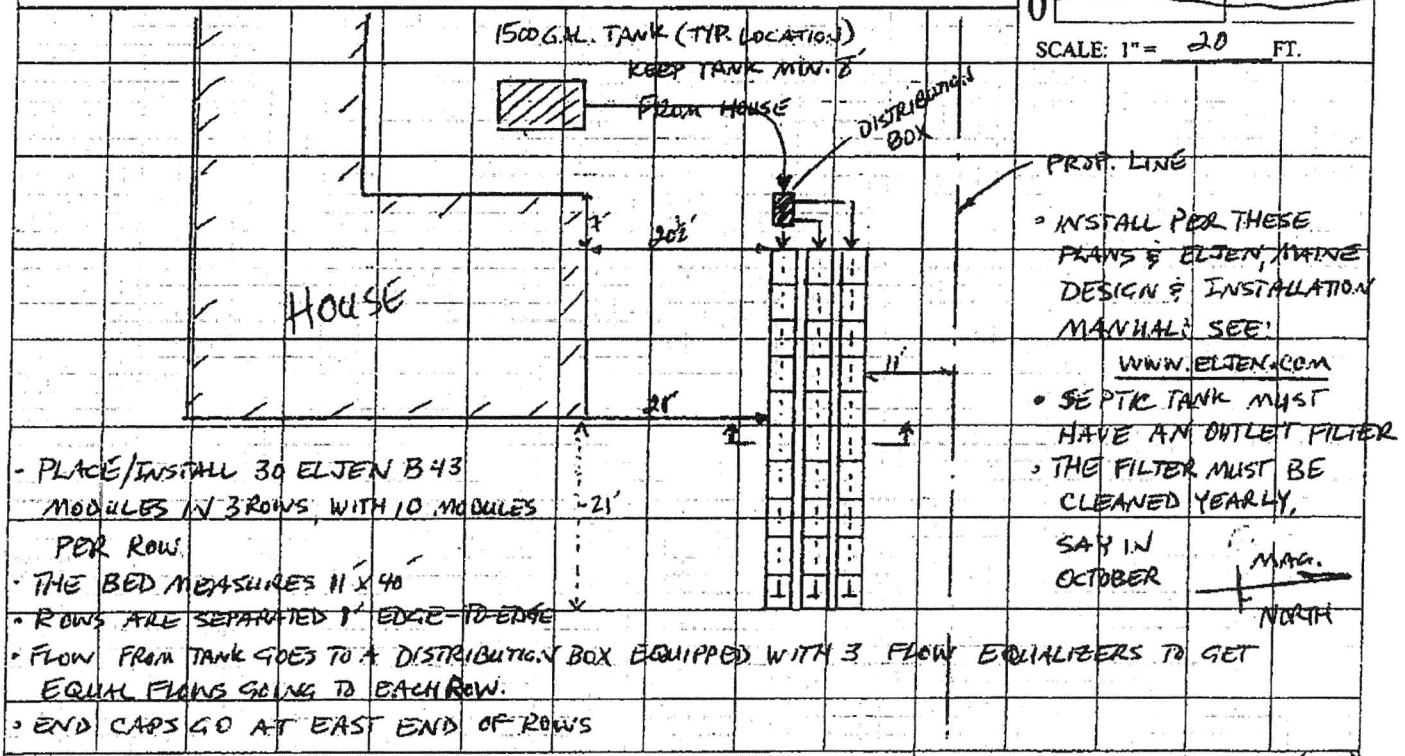
Site Evaluator Signature _____ SE # 217 Date 9-5-22

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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
ANDOVER	424 S. MAIN ST.	NATHANIEL GOYETTE

SUBSURFACE WASTEWATER DISPOSAL PLAN



- INSTALL PER THESE PLANS & ELJEN, MAINE DESIGN & INSTALLATION MANUAL; SEE: WWW.ELJEN.COM
- SEPTIC TANK MUST HAVE AN OUTLET FILTER
- THE FILTER MUST BE CLEANED YEARLY, SAY IN OCTOBER
- PLACE/INSTALL 30 ELJEN B43 MODULES IN 3 ROWS WITH 10 MODULES PER ROW.
- THE BED MEASURES 11' X 40'
- ROWS ARE SEPARATED 1' EDGE-TO-EDGE
- FLOW FROM TANK GOES TO A DISTRIBUTION BOX EQUIPPED WITH 3 FLOW EQUALIZERS TO GET EQUAL FLOWS GOING TO EACH ROW.
- END CAPS GO AT EAST END OF ROWS

FILL REQUIREMENTS

Depth of Fill (Upslope) 0"

Depth of Fill (Downslope) 0"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	-42"
Top of Distribution Pipe ~~or Proprietary Device~~	-55"
Bottom of Disposal Area/MODULES	-66"

ELEVATION REFERENCE POINT (ERP)

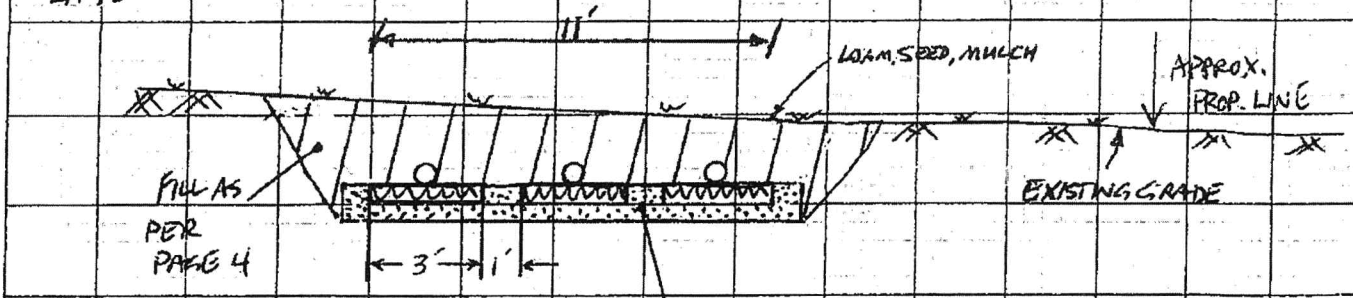
Location & Description: PAINT MARK ON PHONE CONDUIT

Reference Elevation: MARK = 0"

- PAGE 4 HAS ADDITIONAL DETAILS
- COMPACT FILL IN 8" LIFTS

DISPOSAL AREA CROSS SECTION

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



- DRAPE FILTER FABRIC OVER PIPES AND MODULES IN EACH ROW PRIOR TO PLACING BACKFILL

SPECIFIED SAND: PLACE MIN. 9" OF SAND AT BEGINNINGS, EDGES, AND ENDS OF ROWS/MODULES, AND MIN. 6" OF SAND BELOW ROWS/MODULES. SPECIFIED SAND IS AS DESCRIBED IN ELJEN, MAINE DESIGN & INSTALLATION MANUAL, SEPT. 2019 EDITION (SEE SECTION 2.4)

Thad Lovely — Site Evaluator Signature

217 — SE #

9-5-22 — Date

HHE-200 Rev. 02/11

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

ANDOVER	424 S. MAIN ST.	NATHANIEL GOYETTE
Town, City, Plantation	Street, Road, Subdivision	Owner's Name

1. The most current revision of the Maine Subsurface Wastewater Disposal Rules (Rules), 10-144 CMR 241, is hereby made a part of this HHE-200 form and shall be consulted by the disposal system installer prior to installation of the disposal system. See especially Sections 11(F/G) of the Rules as they relate to the construction of disposal areas.

2. This application is based on the minimum Rules requirements for separation distances, setback distances, lot size requirements, etc., and is intended to represent facts pertinent to the Rules. There may be more stringent local requirements for which the owner/applicant is responsible for ensuring that this is an acceptable site. Property lines, utility lines, existing subsurface structures, intended present and future use of the system, etc., are shown/reported and based on information provided by the owner/applicant or his agent. It is the responsibility of the owner/applicant or his agent to confirm the above information or other features/circumstances that may affect the installation of the system.

3. In areas adjacent to a water body or wetland, preventive erosion and sediment control measures must be employed and must be consistent with Section12 of the Rules.

4. Vegetation must be cut and removed from where all fill material is to be placed. The area under all filled areas and backfill extensions must be plowed or disked (parallel to the topographic contours) to a depth of 6-8 inches to produce a thoroughly roughened/scarified surface. On sites where the fill material is coarser than the original soil, a minimum of 4-inches of fill material must be mixed into the original soil to form a transition horizon. All backfill material shall be clean, coarse sand to gravelly coarse sand (see **Section 11 E** of the Rules) for a minimum of 3-feet around the disposal bed and may be clean, gravelly loamy sand for the remainder of the fill. All fill shall be placed in 8-inch compacted lifts. Septic and pump tanks should have access risers to inlet and outlet manholes set to grade over the manholes. Tanks must be bedded on a 4-inch minimum layer of clean sand, gravel or stone. Section 6(H) of the Rules has additional tank installation requirements. Distribution boxes should be insulated and must be installed such that shifting due to settling/frost is minimized.

5. The disposal field stone (for stone beds or wherever specified) shall be clean, uniform in size (3/4" to 1-1/2") and be free of fines, dust, ashes or clay, and shall conform to one of the nominal stone sizes listed in **Table 11B** of the Rules. The stone shall be covered with a filter fabric that overlaps a minimum of 6-inches at the edges, or 2 inches of hay. The minimum physical properties of the fabric shall be 4.0 ounces per square yard (per ASTM D-3776).

6. Excavation shall be carried out in a manner that will avoid unnecessary compaction of both the sidewalls and bottom area. Any smeared or compacted portions of these must be scarified to reopen soil pores. Work should be scheduled so that excavated areas are not exposed to rainfall or to wind-blown silt. Disposal fields should not be installed in frozen ground or in wet conditions.

7. Proprietary devices shall be installed per the manufacturer's instructions. Installation manuals for the different proprietary devices must be obtained and followed during construction when using these devices.

8. At least 4-inches of suitable soil for the establishment of a good vegetative cover shall be placed over the entire filled areas (fill being a minimum of 8-inches thick above the filter fabric or proprietary device) including the fill material extensions. Immediately after the completion of final grading, the fill material surface shall be stabilized by mulching and seeding, or by sod, to establish a good vegetative cover to prevent erosion. Final grading shall be completed in such a manner so that surface water is diverted away from the disposal field site to prevent ponding or erosion on or near the disposal field. The final grade/cover of the system shall have a 3% crown, 3-feet wide extensions/shoulders of this crown around the bed on all sides, and 4:1 fill extensions grading back to existing ground surface. Typically, final as-built elevations of the disposal area may be physically higher but not lower than those given. If elevations are raised, call the septic designer prior to construction.

9. Do not flush the following into your septic system: coffee grounds, dental floss, disposal diapers, kitty litter, sanitary napkins, tampons, cigarette butts, condoms, gauze bandages, fat, grease, oil, paper towels, paints, varnishes, thinners, waste oils, photographic solutions or pesticides.

For Proprietary Products:
I have no affiliation or monetary interests with any proprietary products or manufacturers. I have designed the septic system using products that are known and trusted in the industry.

[signature]	217	9-5-22
Site Evaluator	SE #	Date