SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

City, Town, or Plantation	Augusta
Street or Road	West River Rd
Subdivision, Lot #	

AUGUSTA PERMIT # 6355 TOWN COPY

Date Permit Issued: 10/5/09 $ 100 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 550

OWNER/APPLICANT INFORMATION

Name (last, first, MI) Dumont, Mark ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant	792 W. River Rd Augusta, Me 04330
Daytime Tel. #	446-6774

Municipal Tax Map # _____ Lot # _____

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.

Mark Dumont

Signature of Owner or Applicant Date

CAUTION: INSPECTION REQUIRED

I have inspected the installation authoirzed above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 9/21/09 (1st) date approved

Local Plumbing Inspector Signature 9/22/09 (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type replaced: Trench
  - Year installed: Pre 1970
- ☐ 3. Expanded System
  - ☐ a. Minor Expansion
  - ☐ b. Major 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: Outlet Filter
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

30 ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

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

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- ☐ 1. Concrete
  - ☐ a. Regular
  - ☐ b. Low Profile
- ☐ 2. Plastic
- ☐ 3. Other: existing

CAPACITY: _____ 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: 1120 ☒ 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 501.1 (dwelling unit(s))
- ☐ 2. Table 501.2 (other facilities)

SHOW CALCULATIONS for other facilites

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
1	C	1

at Observation Hole # 1

Depth 15"

of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

- ☐ 1. Small—2.0 sq. ft. / gpd
- ☐ 2. Medium—2.6 sq. ft. / gpd
- ☐ 3. Medium—Large 3.3 sq. f.t / gpd
- ☒ 4. Large—4.1 sq. ft. / gpd
- ☐ 5. 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

- ☐ 3. Section 503.0 (meter readings)

ATTACH WATER METER DATA

LATITUDE AND LONGITUDE

at center of disposal area

Lat. 44 d 21 m 59 s

Lon. 69 d 44 m 53 s

If g.p.s, state margin of error: 21'

SITE EVALUATOR STATEMENT

I certify that on 9/10/08 (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).

James W. Marple — Site Evaluator Signature

S 304 — SE #

9/27/08 — Date

James W. Marple — Site Evaluator Name Printed

207-589-4305 — Telephone Number

E-mail Address

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

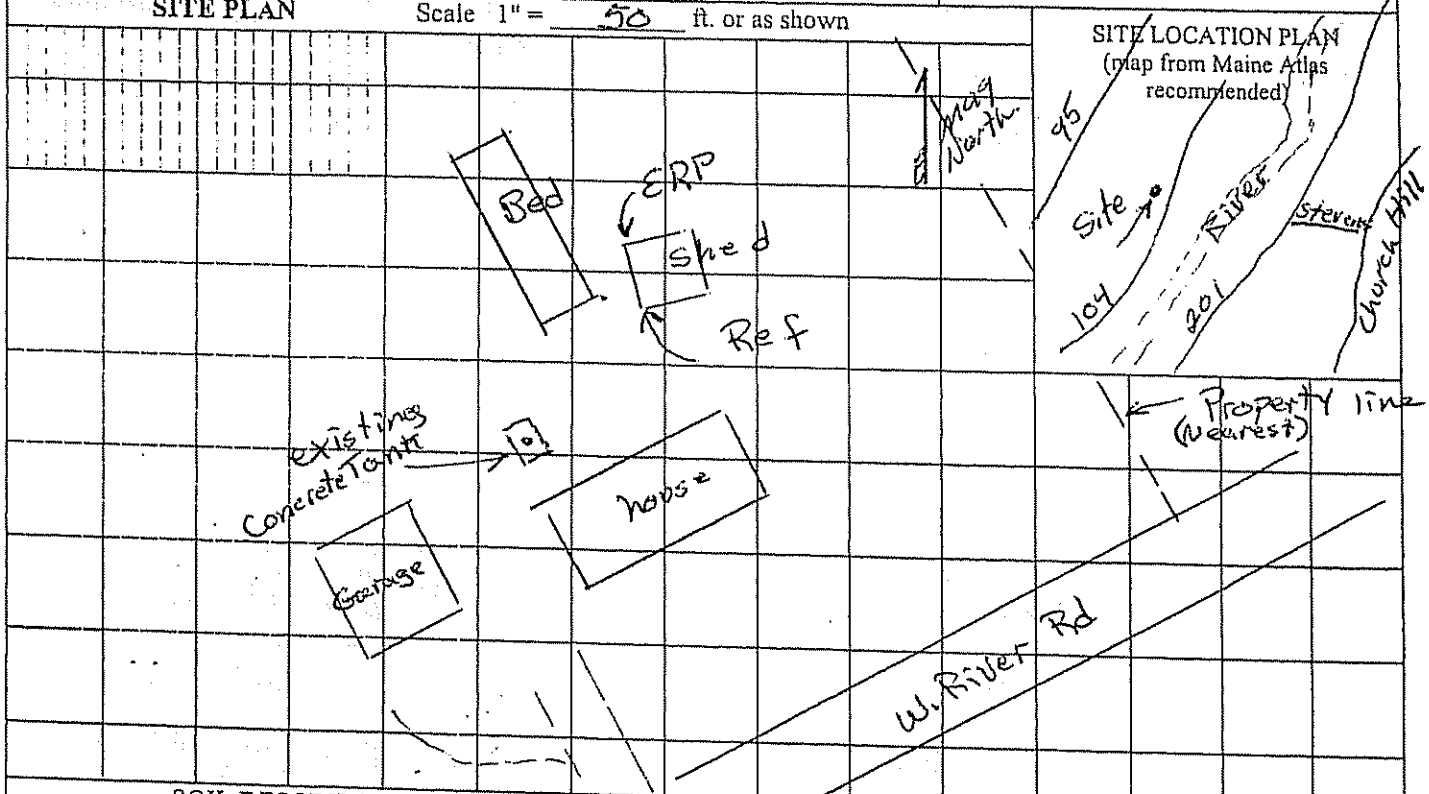
Town, City, Plantation: Augusta

Street, Road, Subdivision: W. River Road

Owner's Name: Mark Dumont

SITE PLAN

Scale 1" = 50 ft. or as shown



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

Observation Hole #1 ☐ Test Pit ☒ Boring

_____" Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	Silt Loam	Friable	Brown	
10–20	↓	Firm	olive	Prominent
20–30				
30–40				
40–50				

Soil Classification	Slope	Limiting Factor	
1 Profile, C Condition	0 %	15"	☒ Ground Water; [ ] Restrictive Layer; [ ] Bedrock; [ ] Pit Depth

Observation Hole #2 ☐ Test Pit ☒ Boring

_____" Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	Silt Loam	Friable	Brown Lite Brown	
10–20	↓	Firm	olive	Prominent
20–30				
30–40				
40–50				

Soil Classification	Slope	Limiting Factor	
1 Profile, C Condition	0 %	16"	☒ Ground Water; [ ] Restrictive Layer; [ ] Bedrock; [ ] Pit Depth

James W. Maple — Site Evaluator Signature

S 304 — SE #

9/27/08 — Date

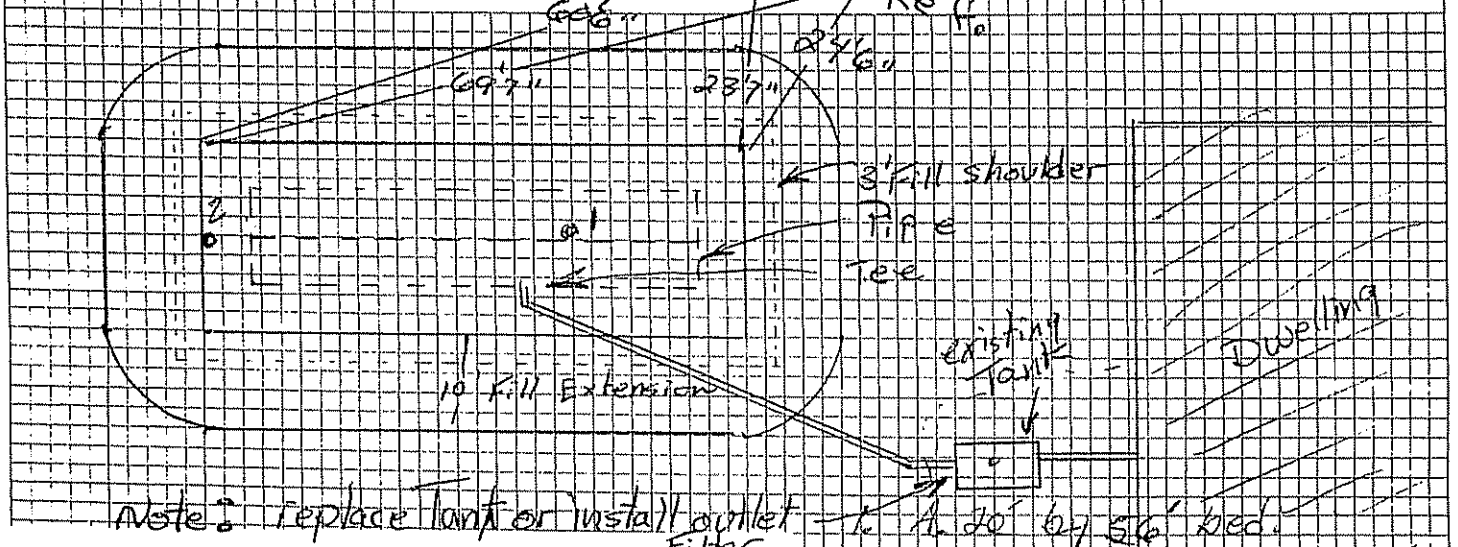
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	W. River Rd	Mark Dumont

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



Note: replace tank or install outlet Filter

1. A 20' by 56' bed.
2. 3, 4" distribution lines 46' long and spaced 5' apart.
3. Tank is 5' from slab or 8' from full foundation if new
4. Bed is 15' from slab or min 20' from full foundation
5. Cellar drain should be located away from bed

Remove topsoil, roots, and organic matter under the required sand area of a proposed system, including the slope extensions of raised systems.
Maintain the existing characteristics of the underlying soil as much as possible.
Add the sand fill on the same day that the leach area is excavated.
Do not allow water to run into or over the system during construction.
Do not work wet or frozen soils.

Minimize machine movement to avoid soil compaction and destruction of the soil structure under and around the system. Be especially careful not to compact soil on the down slope side of the system.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	19"	Finished Grade Elevation	-42"	Location & Description: Anail 51" high in Corner of shed
Depth of Fill (Downslope)	19"	Top of Distribution Pipe or Proprietary Device	-54"	
		Bottom of Disposal Area	-65"	Reference Elevation -0-

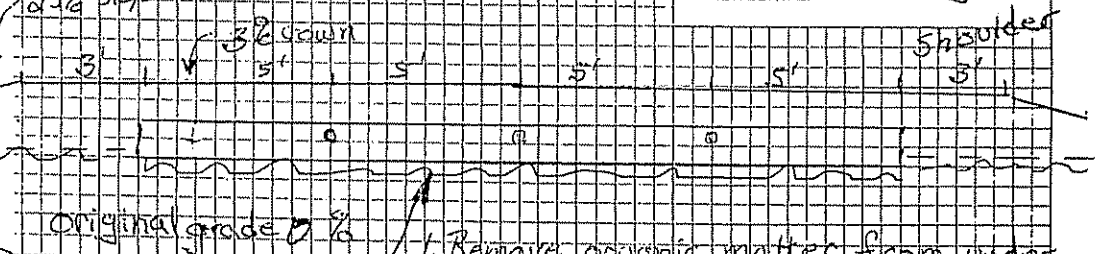
804.2.3 Field Determination of backfill: Due to the difficulty of obtaining sieve analyses and the variability of backfill material, the following procedures can be used in the field to determine the suitability of backfill material. The backfill is suitable if the soil texture is loose single grains, the individual sand grains can be readily seen (similar to salt or sugar grains) and fall, and the following conditions are observed: If squeezed in the hand when dry, it will fall apart when the pressure is released but has enough lines to stain the lines in the palm of the hand, or, if squeezed when moist, it will form a cast that will crumble when touched and bears very careful handling, and it does not form a ribbon between the thumb and forefinger but has enough lines to stain the lines in the palm of the hand.

804.2.1 Coarse fragments: The upper limit of coarse fragments shall be 3 inches in diameter and approximately 5% by volume.

804.4.1 Extent of backfill material: The fill layer shall include any backfill beneath the disposal field, the shoulders, and the backfill material extensions surrounding the disposal field on all sides.

DISPOSAL AREA CROSS SECTION

SCALE:
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 5'



original grade 0 %

Filter fabric over Stone

1. Remove organic matter from under bed and fill extensions.
2. Bed bottom is level.
3. New fill and original soil to be tilled together for 4" transition horizon
4. 12" Clean Crushed Stone 3/4" to 2 1/2"
5. Final grades 4" topsoil, Seed and mulch.

James W. Morple
Site Evaluator Signature

S 304
SE #

9/27/08
Date