PIF 9/8/16

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept Health & Human Service
Div of Environmental Health, 11 SH
(207) 287-5672 Fax: (207) 287-417

AUGUSTA PERMIT #7282 TOWN COPY [ ]
Date Permit Issued: 9/7/16 $ 265.00 fee
LPI # 1137

PROPERTY LOCATION

City, Town, or Plantation	Augusta
Street or Road	371 Riverside Drive
Subdivision, Lot #	M49 L44A

Municipal Tax Map # _____ Lot # _____

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	Szepsy, Tamas — X Owner ☐ Applicant
Mailing Address of Owner/Applicant	34 Buffee Landing Lane Litchfield, ME 04350
Daytime Tel. #	207 - 689 - 6342

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 9/7/16

Niels Szepsy

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
- X 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
- X 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
- X 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
1 ☐ SQ. FT. X ACRES

SHORELAND ZONING
☐ Yes X No

DISPOSAL SYSTEM TO SERVE
- X 1. Single Family Dwelling Unit, No. of Bedrooms: 2
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal X Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY
☐ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
X 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
- X 1. Concrete
  - X a. Regular
  - X b. Low Profile
- ☐ 2. Plastic
- ☐ 3. Other: _____
- CAPACITY: 1000 GAL.

DISPOSAL FIELD TYPE & SIZE
- ☐ 1. Stone Bed ☐ 2. Stone Trench
- X 3. Proprietary Device
  - ☐ a. cluster array X c. Linear
  - X b. regular load ☐ d. H-20 load
- ☐ 4. Other: _____
- SIZE: 672 X sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT
X 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
204 gallons per day
BASED ON:
- X 1. Table 4A (dwelling unit(s))
- ☐ 2. Table 4C(other facilities)
  - SHOW CALCULATIONS for other fac
  - 3 X 7 X 32 = 3.3
- ☐ 3. Section 4G (meter readings)
  - ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION
3 / AIII
at Observation Hole # All
Depth 36 "
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING
- ☐ 1. Medium---2.6 sq. ft. / gpd
- X 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
- X 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. 44 d 20 m 26 s
Lon. 69 d 45 m 22 s
if g.p.s. state margin of error: 15r

SITE EVALUATOR STATEMENT

I certify that on 2 Aug. 2016 (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).

Charles H. King Site Evaluator Signature	094 SE #	2 Aug. 2016 Date
Charles H. King Site Evaluator Name Printed	685 - 4019 Telephone Number	E-mail Address

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

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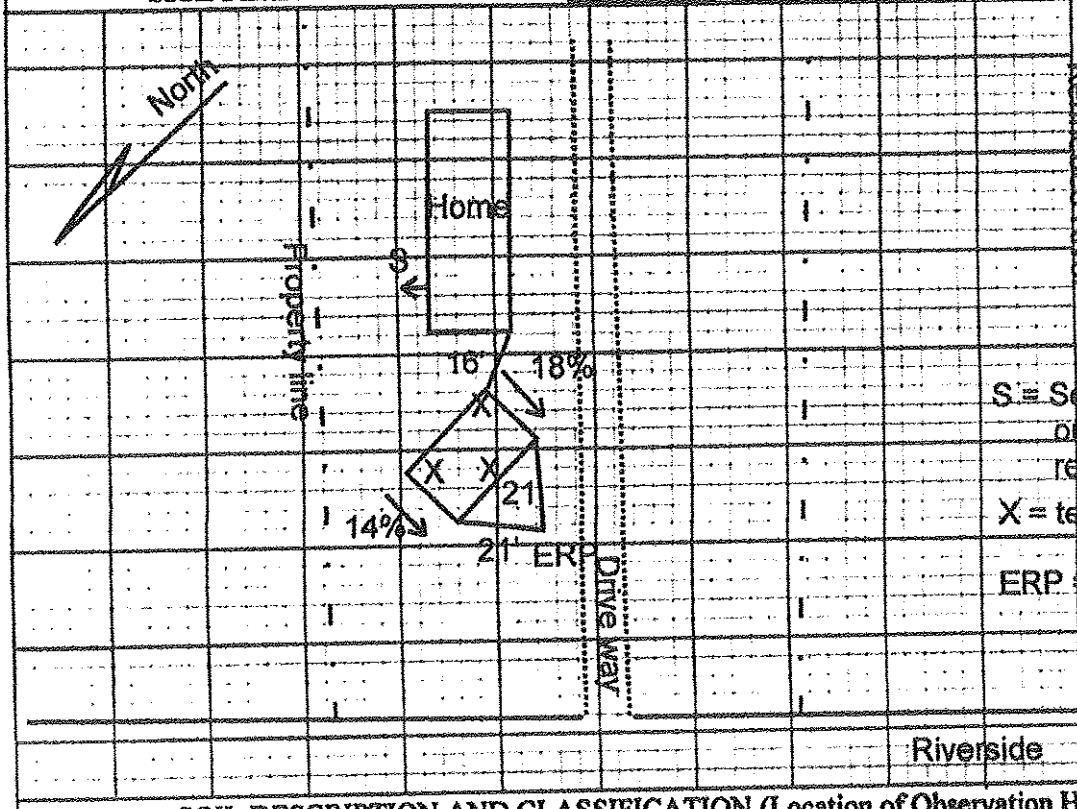
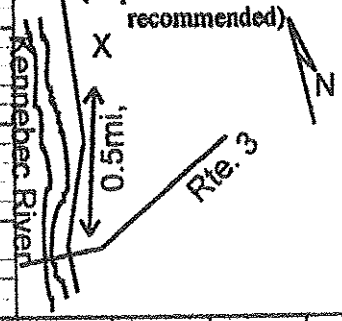
Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	Riverside Drive	Tamas Szepsy

SITE PLAN Scale 1" = 50 ft. or as shown



SITE LOCATION PLAN
(map from Maine Atlas recommended)



S = Sewer line from home. Pump out metal septic tank and remove or fill in.

X = test pit.

ERP = Elevation Reference Point is flagged nail in 32" Maple 51" above ground.

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

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

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10	Sandy loam	Friable	Brown	None
10–30	very stony sandy loam	to firm	↓	↓
30–50				

Soil Classification	Slope	Limiting Factor	
3 (Profile) AIII (Condition)	14-18%	36 "	[ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [X] Pit Depth

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

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0–10				
10–20				
20–30				
30–40				
40–50				

Soil Classification	Slope	Limiting Factor	
_____ (Profile) _____ (Condition)	_____ %	_____ "	[ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Charles A. King — 094 — 2 Aug. 2016

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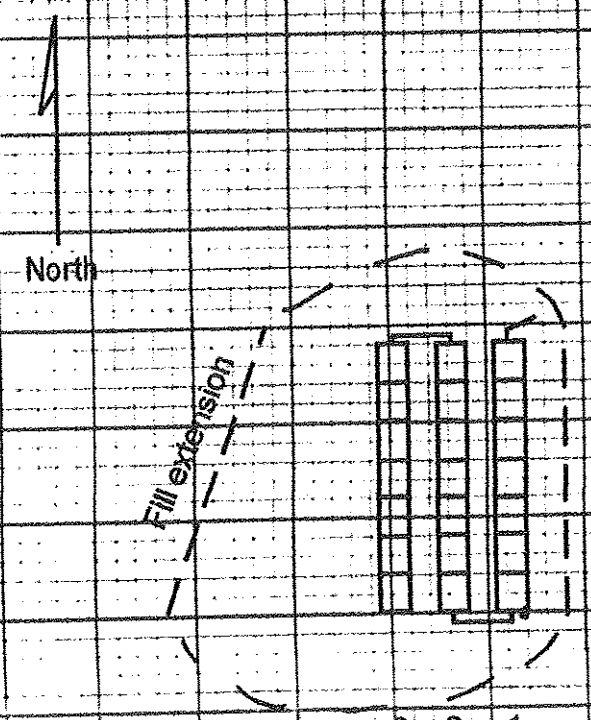
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	Riverside Drive	Tamas Szepsy

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



- Design is based on Quick 4 high capacity chambers by Infiltrator. Each chamber has a rating of 32 sq. Ft. For a system total of 672 sq. Ft.
- Install 21 chambers in three rows connected in serial distribution as shown.

FILL REQUIREMENTS A/B

Depth of Fill (Upslope) 12"

Depth of Fill (Downslope) 27"/18"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation			
Top of Distribution Pipe or Proprietary Device	-8"	-18"	-28"
Bottom of Disposal Area	-24"	-34"	-44"

ELEVATION REFERENCE POINT

Location & Description: Nail in Maple.

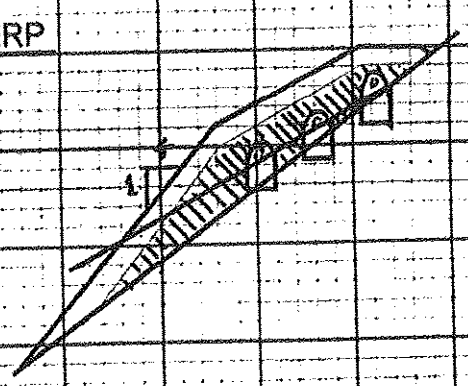
Reference Elevation: 0"

DISPOSAL AREA CROSS SECTION

Scale

Horizontal 1" = 20 ft.

Vertical 1" = 5 ft.



- Place gravelly coarse sand around chambers.
- Finish with topsoil.

Charles H. King 094 2 Aug. 2016