SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION	
City, Town, Plantation	Augusta
Street or Road	Spring Road
Subdivision, Lot #	

>> Caution: Permit Required – Attach In Space Below <<

Date Permit Issued: 1-23-01 $ 100.00 ☐ Double Fee Charged
Local Plumbing Inspector Signature 4674 L.P.I. #

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Quirion Joseph ☐ Owner ☐ Applicant

Mailing Address of ■ Owner ☐ Applicant	RR 7 Box 1857
	Augusta, ME 04330
Daytime Tel. #	(207) 622-6539

Municipal Tax Map # 12 Lot # 51

Owner or Applicant Statement

I state 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 5/23/01

Caution: Inspections Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature — (1st) Date Approved 6/19/01 — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION
1. ■ First Time System
2. ☐ Replacement System
   Replaced: _____
   Installed: _____
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 Approval

DISPOSAL SYSTEM COMPONENT(S)
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
65± ☐ 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: Jacuzzi (SPECIFY)
   plus

Proposed 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 1000 gallons

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 712.5 ■ sq. ft. ☐ lin. ft.
38 units

GARBAGE DISPOSAL UNIT
1. ■ No 3. ☐ Maybe
2. ☐ Yes >> 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 facilities –

Also. Jacuzzy (hot tub) disposal area @ 100 gld.

3. ☐ Section 503.0 (meter readings)
ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION DESIGN
9 / C / 1
at Observation Hole # 1
Depth 15 Elevation -79
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. ft./gpd
4. ☐ Large – 4.1 sq. ft./gpd
5. ■ Extra Large – 5.0 sq. ft./gpd

PUMPING
1. ■ Not Required
2. ☐ May Be Required
3. ☐ Required >> Specify only for engineered or experimental systems:
DOSE: gallons

SITE EVALUATOR STATEMENT

I Certify that on 11-25-00 (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).

Douglas W. Meservey — Site Evaluator Signature — SE # 13 — Date 1-24-01

Douglas W. Meservey (207) 832-5114

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Street, Road Subdivision: Spring Road

Owner's Name: Joseph Quirion

SITE PLAN

Scale: 1" = 50 Ft. or as shown

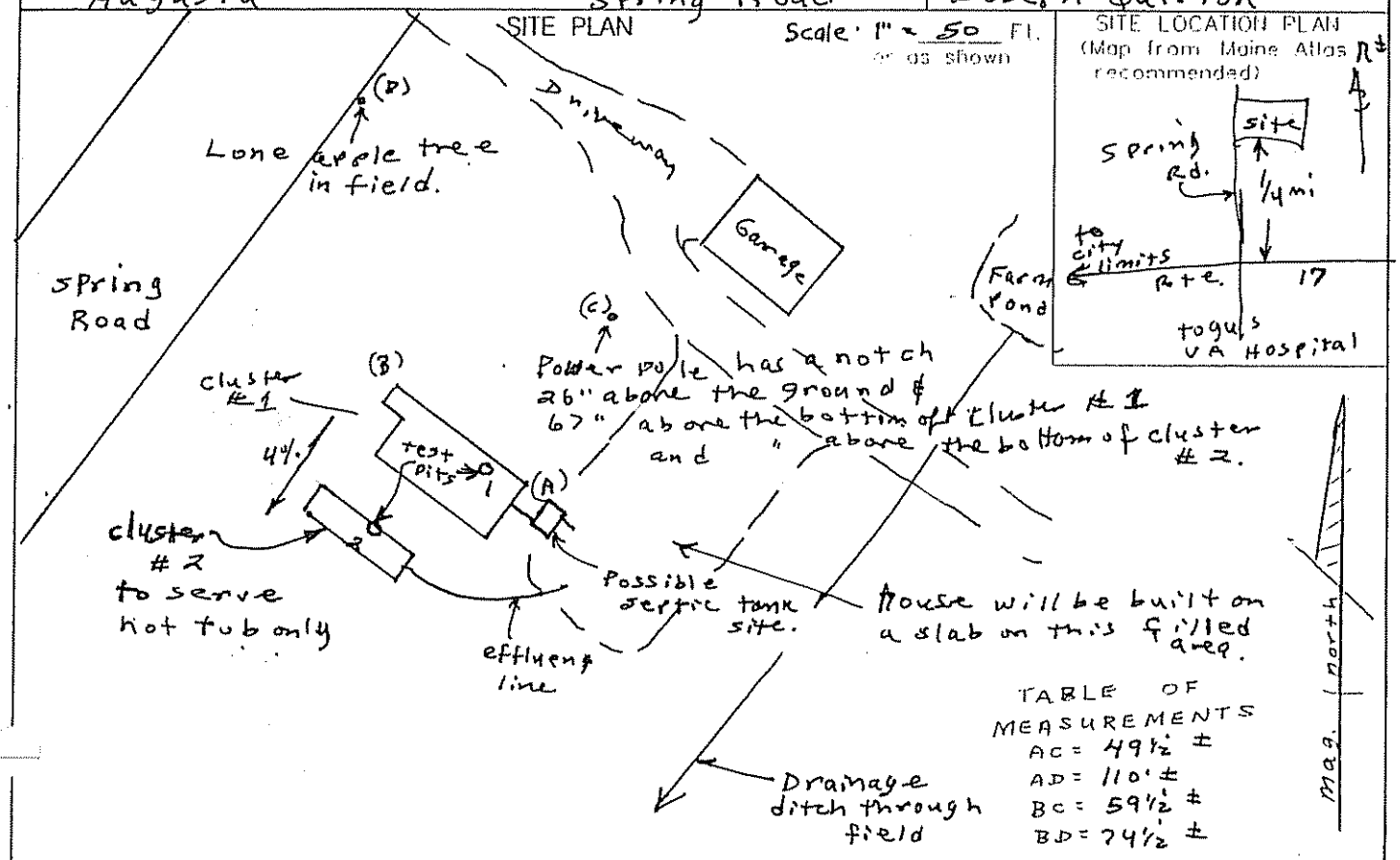

TABLE OF MEASUREMENTS
AC = 49½' ±
AD = 110' ±
BC = 59½' ±
BD = 74½' ±

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

Observation Hole 1 ■ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	silt-loam	friable	Dark Brown	
10	very fine sandy loam		orange-brown	
	silt-loam		olive-brown	common faint
20	silty clay	firm	gray	
30				
40				
50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
9	C	4 %	15"	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole 2 ■ Test Pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	silt-loam	friable	Dark Brown	
10	v. fine sandy loam		orange-brown	
	silt-loam to silty clay		yellow-brown to gray	common faint
20		firm		
30				
40				
50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
9	C	4 %	16"	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Douglas W. Meserve — Site Evaluator Signature

13 — SE #

1-24-01 — Date

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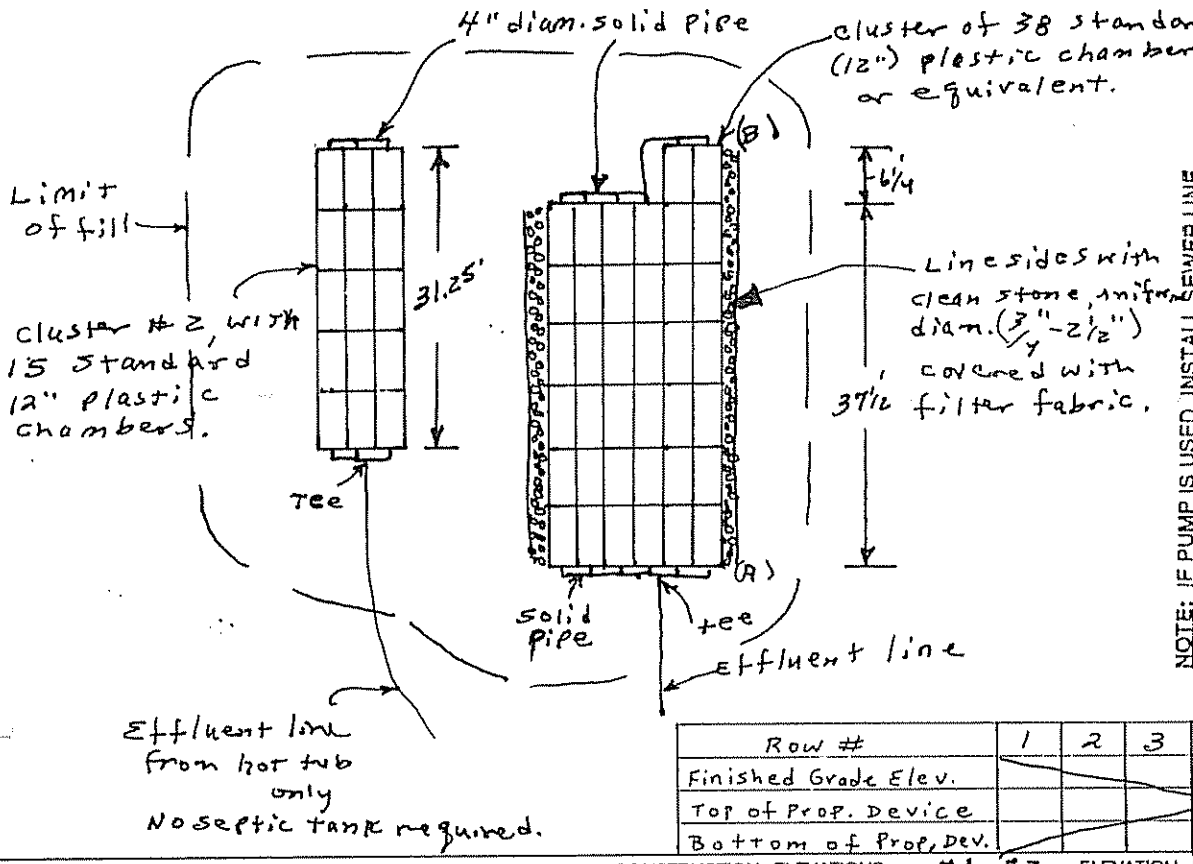
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	Spring Road	Joseph Quirion

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



NOTE: IF PUMP IS USED, INSTALL SEWER LINE BELOW MAXIMUM FROST PENETRATION DEPTH, OR INSURE THAT THE LINE WILL DRAIN OUT AFTER EACH PUMPING CYCLE, OR COVER WITH 2" OF HIGH DENSITY EXPANDED RIGID POLYSTYRENE INSULATION.

Row #	1	2	3	4	5	6
Finished Grade Elev.						
Top of Prop. Device						
Bottom of Prop. Dev.						

FILL REQUIREMENTS

Depth of Fill (Upslope)	24"
Depth of Fill (Downslope)	33"

CONSTRUCTION ELEVATIONS

	#1	#2
Finished Grade Elevation	-41"	-57"
Top of Distribution Pipe or Proprietary Device	-51"	-67"
Bottom of Disposal Area	-67"	-83"

ELEVATION REFERENCE POINT

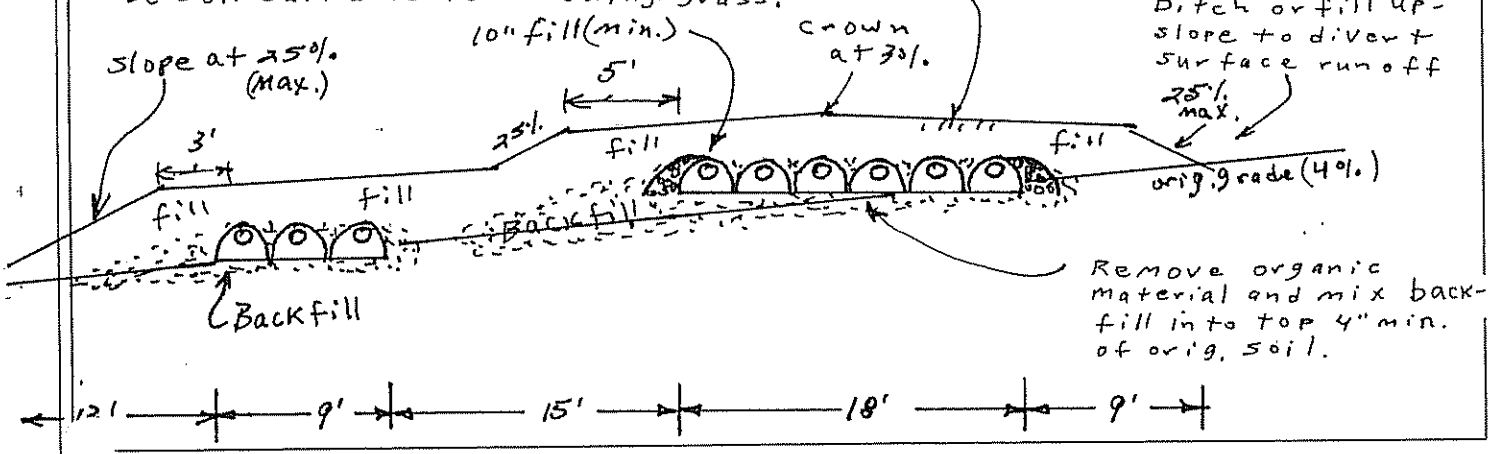
Location & Description: Notch in Power Pole

Reference Elevation: 0

DISPOSAL AREA CROSS SECTION

NOTES:
1) Use clean coarse sand or gravelly coarse sand backfill.
2) Seed and mulch finished grade; top 4" (min.) must be soil suitable for growing grass.

SCALE:
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 10'



Douglas W. Meservey — Site Evaluator Signature

13 — SE #

1-26-01 — Date