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, or Plantation	AUGUSTA 2974
Street or Road	Rt 3 - NORTH BELFAST AVE
Subdivision, Lot #	NEAR PIPELINE ROAD 2974 No. Belfast Ave

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

AUGUSTA 5210 TOWN COPY
Date Permit Issued 1/4/04 $ 100.00 ☐ If Double Fee Charged
Local Plumbing Inspector Signature L.P.I. # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI): TIBBETTS ED ☐ Owner ☐ Applicant

Mailing Address of ☐ Owner ☐ Applicant: 5 WINTER DR, FARMINGDALE ME 04344

Daytime Tel. #: 623 4970 or 485-0064

Municipal Tax Map # 8 Lot # 49 LPI

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 1-12-04

Caution: Inspection 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 8/18/04 — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION

1. ☒ First Time System
2. ☐ Replacement System
   Type Replaced: _____
   Year 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. ☐ Experimental System
5. ☐ Seasonal Conversion Approval

DISPOSAL SYSTEM COMPONENT(S)

1. ☒ Complete Non-engineered System
2. ☐ Primitive System (graywater & alternative toilet)
3. ☐ Alternative Toilet, specify: _____
4. ☐ Non-engineered Treatment Tank (only)
5. ☐ Holding Tank, capacity: _____ 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

2.5 Ac± ☐ 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

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 WITH FILTER
   a. ☒ Regular
   OR 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: ☐ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ☒ No 2. ☐ Yes 3. ☐ Maybe
>> If yes/maybe, specify one below:
   a. ☐ Multi-Compartment Tank
   b. ☐ Tanks in Series
   c. ☐ Increase inTank Capacity
   d. ☐ Filter on Tank Outlet

DESIGN FLOW

270 gallons-per-day (gpd)

BASED ON:
1. ☐ Table 501.1 (dwelling unit(s)
2. ☐ Table 501.2 (other facilities)
SHOW CALCULATIONS
-- for other facilities --
180 LIN. FT GEOFLOW OR ENVIROSEPTIC
6 ROWS of 30'
2.5' ON CENTER
30 X 13.5
3. ☐ Section 503.0 (meter readings)
ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
2	C	1

at Observation Hole # TP-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. ft./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 dose for engineered & experimental systems

DOSE: gallons

SITE EVALUATOR STATEMENT

I certify that on 12-6-03 (date) I completed a site evaluation on this property and state that the data reported herein are accurate and that the proposed system is in compliance with the Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

David Sluder — SE # 275 — Date 12-15-03

David Sluder, LSE
93 Sprague Road
Washington, ME 04574
207-845-2352

845-2352 Telephone # — irenic@midcoast.com E-Mail Address

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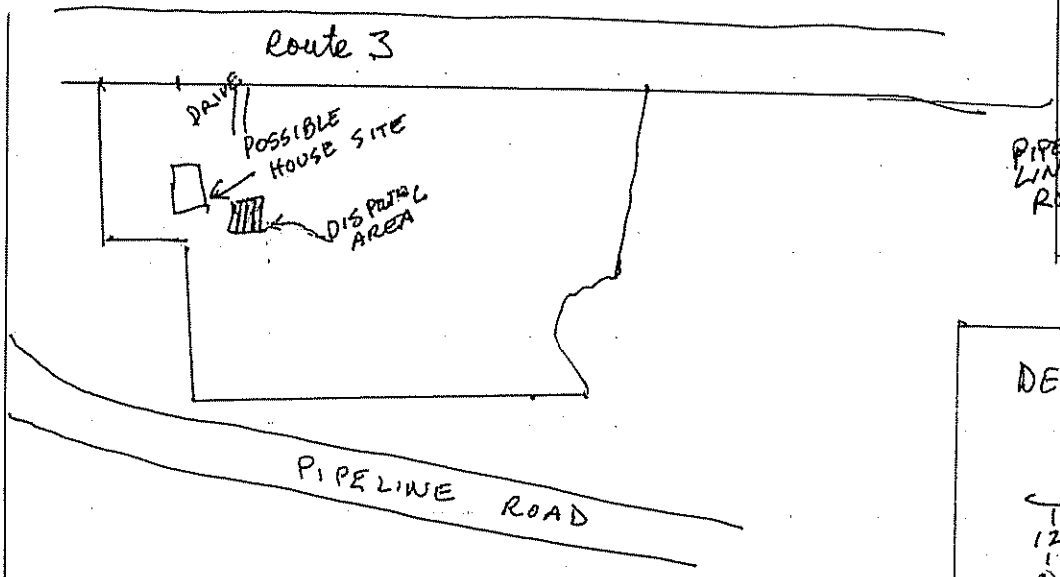
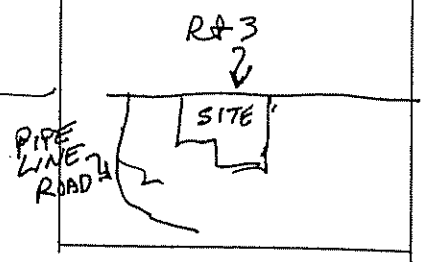
AUGUSTA	Rt 3 - NORTH BELFAST ROAD	ED TIBBETTS

SITE PLAN

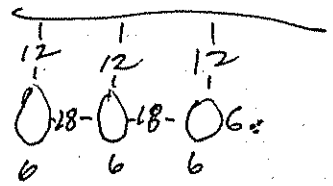
Scale: 1" = 200 ft.



SITE LOCATION MAP
(Attach map from Maine Atlas for First Time System Variance)



DETAIL NOT TO SCALE



MIN of 6" of SAND ALL AROUND GEOFLOW or ENVIROSEPTIC PIPE

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

Observation Hole # TP-1 ☒ Test Pit ☐ Boring

0-1/2 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	LOAM		DK BN	
6–12	GRAVELLY SANDY LOAM	FRIABLE	DK YELLOW	
12–18	TO LOAMY SAND	NO RESTRICTIONS		
18–24			OLIVE	FREE WATER
24–30				
30–36				
36–42				
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
2	C	1-7%	16	☒ Groundwater ☐ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6				
6–12	REMOVE LARGE			
12–18	ROCKS WITHIN			
18–24	24" of GEOFLOW			
24–30	OR ENVIRO-SEPTIC		PIPE	
30–36				
36–42				
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
				☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

David Studer — Site Evaluator Signature

275 — SE #

12-15-03 — Date

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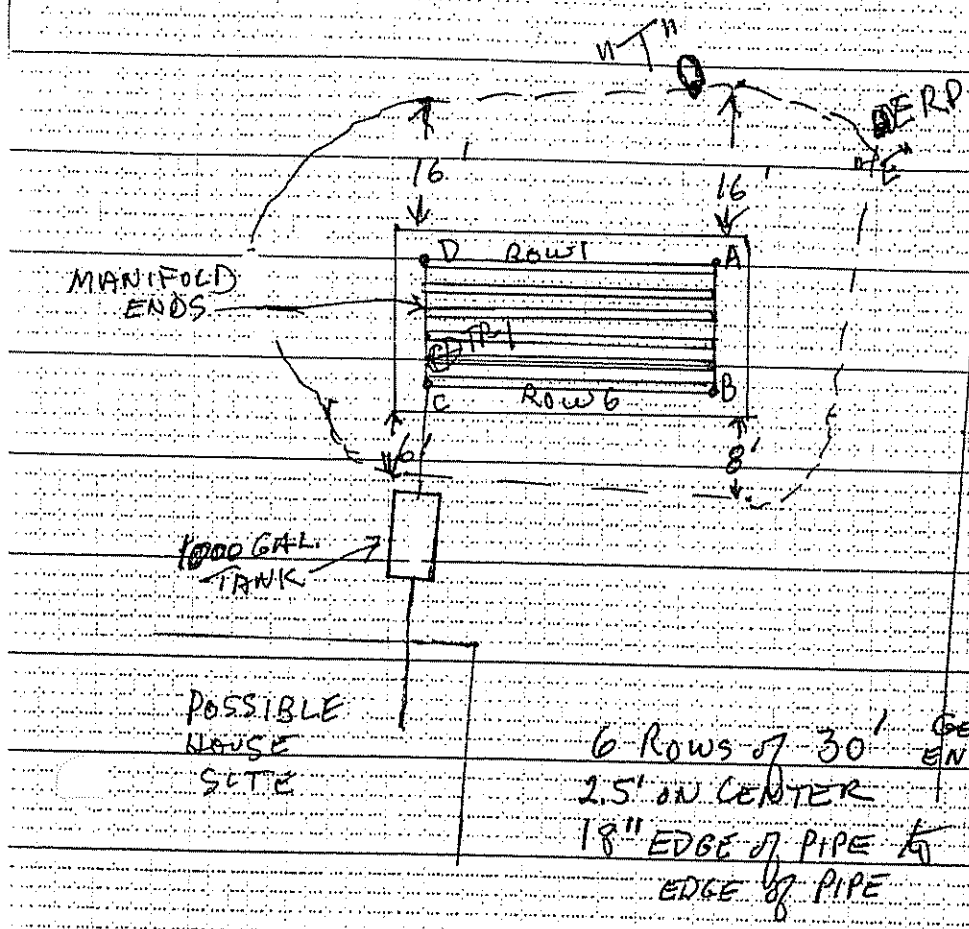
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



- TANK IS AT LEAST 8' FROM FOUNDATION
- FOUNDATION IS AT LEAST 20' FROM GEOFLOW OR ENVIRO-SEPIC

EC = 54
EA = 21.75'
EB = 32'
TE = 17.75'
TA = 17.5
TD = 33.75'
TC = 42.5

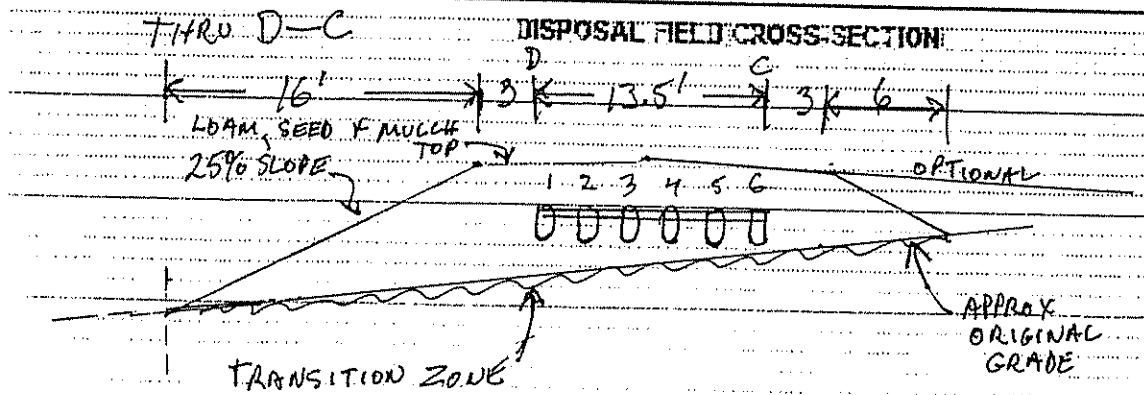
6 ROWS of 30' GEOFLOW OR ENVIROSEPTIC
2.5' ON CENTER
18" EDGE of PIPE to EDGE of PIPE

ORIGINAL ELEVATIONS
A = -41"
B = -32"
C = -26"
D = -38"

BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Backfill (upslope)	24-30"	Finished Grade Elevation	-2"	Location & Description: NAIL IN TREE 41" ABOVE "A"
Depth of Backfill (downslope)	36-39"	Top of Distribution Pipe or Proprietary Device	-14"	
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field	-26"	Reference Elevation is: 0.0" or:

DISPOSAL FIELD CROSS-SECTION

Scales:
Vertical: 1" = 5 ft.
Horizontal: 1" = 10 ft.



MIX 6" of SAND INTO 6" of ORIGINAL SOIL

FILL IS MED. COARSE SHARP SAND 3" MINUS; 5% FINES

SEE DETAIL ON PAGE 2

David J Studer — Site Evaluator Signature
275 — SE #
12-15-03 — Date