SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 1(
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION

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

City, Town, or Plantation	HANCOCK
Street or Road	TIDAL FALLS ROAD
Subdivision, Lot #	

HANCOCK PERMIT # 1304 APPLICANTS COPY

Date Permit Issued: 7.9.02 $ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature

L.P.I. # 1394

THE WORK SPECIFIED IN THIS APPLICATION IS HEREBY AUTHORIZED TO BE INSTALLED IN ACCORDANCE WITH THE RULES. THIS PERMIT EXPIRES AFTER TWO YEARS FROM DATE ISSUED UNLESS WORK HAS COMMENCED.

OWNER/APPLICANT INFORMATION

Name (last, first, MI)
(Owner) CARTER, DONALD ☐
Applicant

Mailing Address of ☒ Owner ☐ Applicant	PO Box 211
	HANCOCK, MAINE 04640
Daytime Tel. #	207-422-6246

Municipal Tax Map # 22 Lot # 27

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.

Donald E Carter — Signature of Owner or Applicant
7/9/02 — Date

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 — Date Approved 7-23

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. ☐ 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 mc
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Field (only)
11. ☐ Pre-treatment, specify:

SIZE OF PROPERTY

3 ± ☐ sq. ft. ☒ acres

DISPOSAL SYSTEM TO SERVE

1. ☒ Single Family Dwelling Unit, No. of Bedrooms: 2
2. ☐ Multiple Family Dwelling, No. of Units: _____
3. ☐ Other: _____ SPECIFY

TO BE TYPE OF WATER SUPPLY

1. ☒ Drilled Well 2. ☐ Dug Well 3. ☐ Priv
4. ☐ Public 5. ☐ Other:

SHORELAND ZONING

☐ Yes ☒ No

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 600 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ☒ No 2. ☐ 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

180 gallons per da

BASED ON:
1. ☒ Table 901.1 (dwelling un
2. ☐ Table 901.2 (other faciliti

SHOW CALCULATIONS
-- for other facilities --

3. ☐ Section 903.0 (meter readings)

ATTACH WATER-METER DA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION
DESIGN
2 , C , 1
at Observation Hole # 1
Depth 24 " Elevation -80 "
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 5-28-02 (date) I completed a site evaluation on this property and state that the data reported are accurat that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

William A LaBelle — Site Evaluator Signature
319 — SE #
6-2-02 — Date

William A LaBelle Jr — Site Evaluator Name Printed
207-537-5900 — Telephone #

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

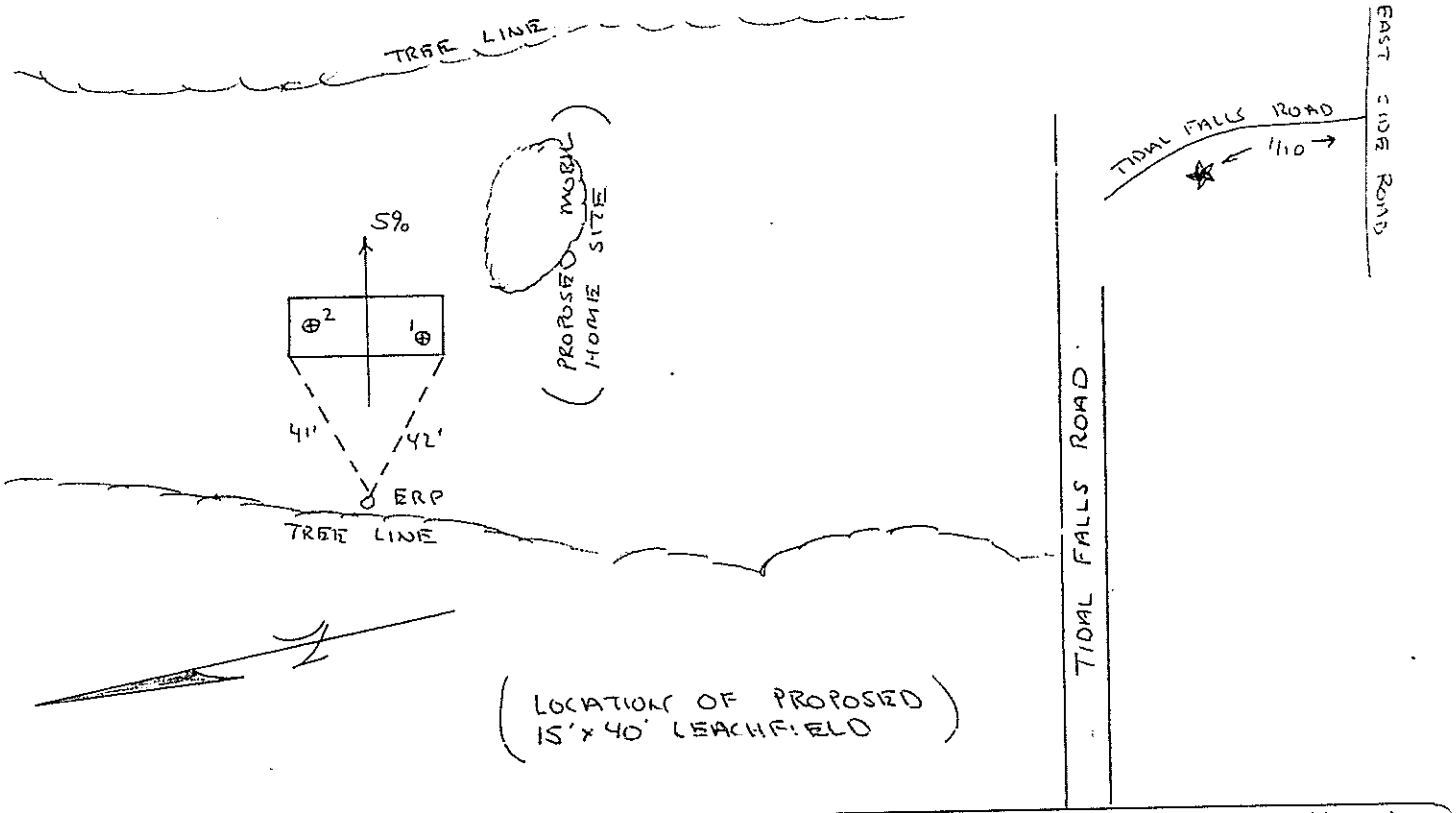
Town, City, Plantation: HANCOCK

Street, Road Subdivision: TIDAL FALLS ROAD

Owner's Name: CARTER, DONALD

SITE PLAN — Scale 1" = 50 Ft. or as shown

SITE LOCATION PLAN (Map from Maine Atlas recommended)



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	Sandy Loam	Friable	Dark Brown	
10	Loamy Fine Sand		Pale Brown	N/E
20		Firm		
30				
40				
50				

Soil Classification		Slope	Limiting Factor	
2 (Profile)	C (Condition)	5 %	24 "	☐ 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	Sandy Loam	Friable	Dark Brown	
10	Fine Loamy Sand		Light Yellow Pale Brown	N/E
20		Firm		
30				
40				
50				

Soil Classification		Slope	Limiting Factor	
2 (Profile)	C (Condition)	5	26"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock ☐ Pit Depth

William A Libby — Site Evaluator Signature

319 — SE #

6-2-02 — Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

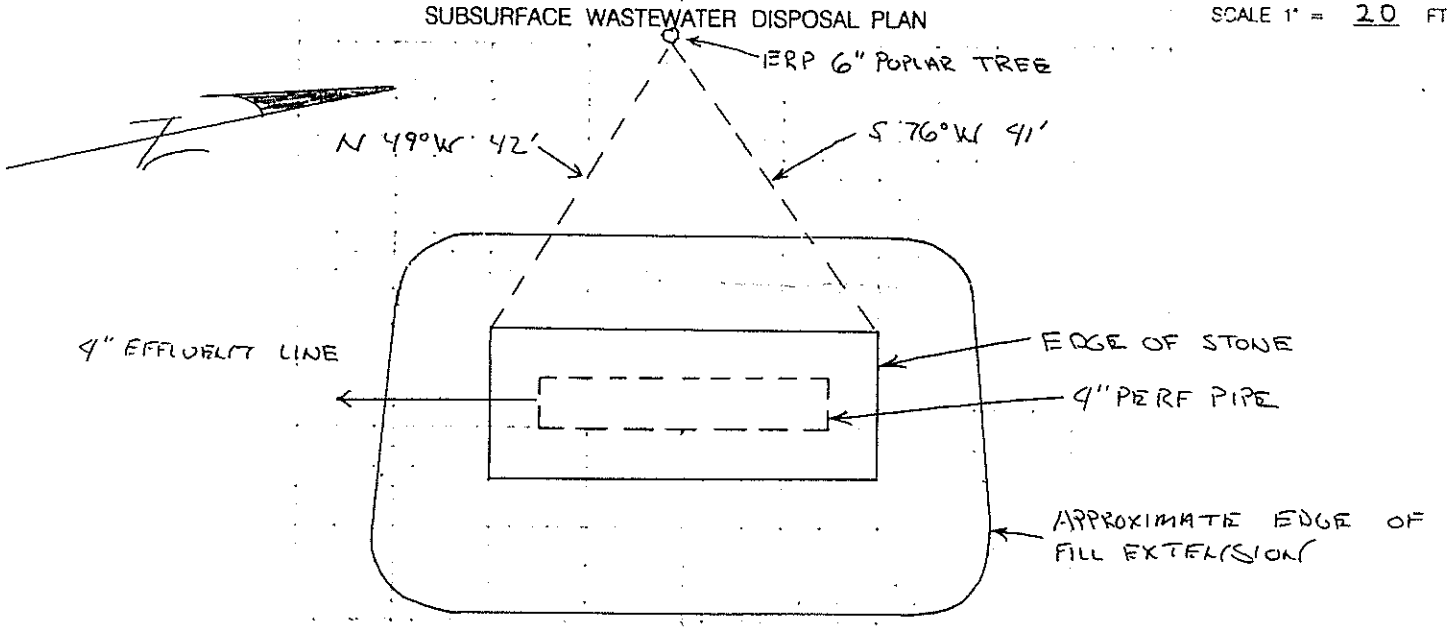
Town, City, Plantation: HANCOCK

Street, Road, Subdivision: TIDAL FALLS ROAD

Owner's Name: CARTER, DONALD

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT



BUILDING ON FOUNDATION MUST BE 20' MIN FROM STONE
IF ON SLAB 15' MIN FROM STONE

TANK MUST BE 8' MIN FROM BUILDING

WELL MUST BE 100' MIN FROM TANK & STONE

GRADE SURROUNDING AREA TO DIVERT SURFACE WATER AWAY FROM SYSTEM

PROPOSED 15' X 40' LEACHFIELD & CORNERS ARE STAKED OUT

(A)

FILL REQUIREMENTS	
Depth of Fill (Upslope)	20"
Depth of Fill (Downslope)	25" TO 30"

CONSTRUCTION ELEVATIONS	
Finished Grade Elevation	-36"
Top of Distribution Pipe or Proprietary Device	-49"
Bottom of Disposal Area	-60"

ELEVATION REFERENCE POINT
Location & Description: N 49° W 42 FROM SW CRN OF STONE 6" POPLAR TREE NAIL 0"
Reference Elevation: 94" ABOVE GROUND

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

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER SEED AND MULCH TO PREVENT EROSION

DISPOSAL AREA CROSS SECTION

(A)

FILL MATERIAL SHALL BE 8"-12" THKK OVER STONE AND SHALL BE GRAVELY COURSE SAND TO THE STANDARDS IN SEC. 804.0 IN THE SUBSURFACE RULES.

2" COMPRESSED HAY OR FILTER FABRIC SEC. 8.05.3

BERM

3'

CROWN FINISH GRADE FROM CENTER AT 3% SLOPE

FILL EXTENSIONS NO GREATOR THAN 4:1 25% SLOPE

12" CLEAN STONE 1 1/2" DIA.

ORIGINAL GRADE

4" PERF PIPE

LIMITING FACTOR

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA

BOTTOM OF STONE MUST BE LEVEL W/ MAX GRADE TOLERANCE OF 2" PER 100'

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE SUBSURFACE WASTEWATER RULES IN EFFECT AT THIS TIME

Site Evaluator Signature	SE #	Date
William A. LeBay	319	6-2-02

John S. Gilbert, Inc.

— Well Drilling —

8 Fletcher St.
Ellsworth, Maine 04605
667-8337

06-26-02

Well on Tidal Falls Road is producing
2½ gallons per minute.

250 feet deep at 9.00 per foot = 2250.00
50 feet of casing at 8.00 per foot = 400.00
1 drive shoe at 35.00

TOTAL DUE = $2,685.00

Thank you,

John

Pd
7/12/02
CK # 128

Terms: payment due upon receipt
Service charge of 2% per month
after 30 days.