

PROPERTY LOCATION		>> Caution: Permit Required - Attach in Space Below <<	
City, Town, or Plantation	READFIELD	READFIELD	PERMIT #: 1885 TOWN COPY
Street or Road	WOODHAM LANE	Date Permit Issued: 11-19-05	\$1120.00 FEE Charged ☐ If Double Fee Charged
Subdivision, Lot #		L.P.I. # 022.1	
OWNER/APPLICANT INFORMATION		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Installed By <u>Greg Goucher</u> </div>	
Name (last, first, MI)	DOYKE, BETHANY		
Mailing Address of	P.O. BOX 357		
☒ Owner ☐ Applicant	READFIELD, ME 04355		
Daytime Tel. #	685-9466	Municipal Tax Map # 2	Lot # 6-A
Owner or Applicant Statement		Caution: Inspection Required 11-15-05	
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.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 11-16-05	
Signature of Owner or Applicant <u>Wm. E. Doyle POA</u> Date <u>10-11-05</u>		Local Plumbing Inspector Signature <u>Greg Goucher</u> (1st) Date Approved <u>6-19-06</u> (2nd) Date Approved	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENT(S)
1. ☐ First Time System 2. ☒ Replacement System Type Replaced: <u>TRENCH</u> Year Installed: <u>UNK</u> 3. ☐ Expanded System a. ☐ Minor Expansion b. ☐ Major Expansion 4. ☐ Experimental System 5. ☐ Seasonal Conversion	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	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: <u>BK2000</u> 12. ☐ Miscellaneous components
SIZE OF PROPERTY	DISPOSAL SYSTEM TO SERVE	
<u>1/2</u> .58 ☐ sq. ft. ☒ acres	1. ☒ Single Family Dwelling Unit, No. of Bedrooms: <u>2</u> 2. ☐ Multiple Family Dwelling, No. of Units: _____ 3. ☐ Other: _____ SPECIFY	
SHORELAND ZONING		PROPOSED TYPE OF WATER SUPPLY
☒ Yes ☐ No		1. ☒ Drilled Well 2. ☐ Dug Well 3. ☐ Private 4. ☐ Public 5. ☐ Other:

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
1. ☒ Concrete a. ☒ Regular b. ☐ Low Profile 2. ☐ Plastic 3. ☐ Other: _____ CAPACITY: <u>1,000</u> gallons	1. ☐ Stone Bed 2. ☐ Stone Trench 3. ☒ Proprietary Device a. ☐ Cluster array c. ☒ Linear b. ☒ Regular load d. ☐ H-20 Load 4. ☐ Other: _____ SIZE: <u>105</u> ☐ sq. ft. ☒ lin. ft.	1. ☒ No 2. ☐ Yes 3. ☐ Maybe >> If yes/maybe, specify one below: a. ☐ Multi-Compartment Tank b. ☐ Tanks in Series c. ☐ Increase in Tank Capacity d. ☐ Filter on Tank Outlet	<u>180</u> gallons-per-day (gpd) BASED ON: 1. ☒ Table 501.1 (dwelling unit(s)) 2. ☐ Table 501.2 (other facilities) SHOW CALCULATIONS -- for other facilities --
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING	EFFLUENT/EJECTOR PUMP	
PROFILE CONDITION DESIGN <u>3</u> • <u>E</u> • <u>5</u> at Observation Hole # <u>1</u> Depth <u>6</u> " Elevation <u>-78</u> " OF MOST LIMITING SOIL FACTOR	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	1. ☐ Not Required 2. ☐ May Be Required 3. ☒ Required >> Specify dose for engineered & experimental systems DOSE: _____ gallons	3. ☐ Section 503.0 (meter readings) ATTACH WATER-METER DATA

SITE EVALUATOR STATEMENT

I certify that on 25 AUG 05 (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).

Stephen P. Robbins
Site Evaluator Signature

301
SE#

25 SEP 05
Date

REVISED
7 OCT 05
S.R.

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HHE-200 Rev. 8/01

Stephen P. Robbins

P.O. Box 271

East Winthrop, ME 04343

Site Evaluator name printed

377-6707
Telephone#

narrowspd@aol.com
E-Mail Address

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

Owner's Name
NY DOYLE

Scale 1" = 50 Ft.
or as shown



(Location of Observation Holes Shown Above)

Observation hole _____ ☐ Test Pit ☐ Boring
 _____ " Depth of Organic horizon Above Mineral Soil

DEPTH BELOW SURFACE (feet)	Soil Surface (inches)			
	Texture	Consistency	Color	Mottling
0				
0.5				
1.0				
1.5				
2.0				
2.5				
3.0				
3.5				
4.0				
4.5				
5.0				

Soil Classification

 Profile Condition

Slope

____%

Limiting Factor

☐ Ground Water

☐ Restrictive Layer

☐ Bedrock

☐ Pit Depth

300

2 SEP 05
Date

REVISED
7 OCT 05
J.R.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation

READFIELD

Street, Road, Subdivision

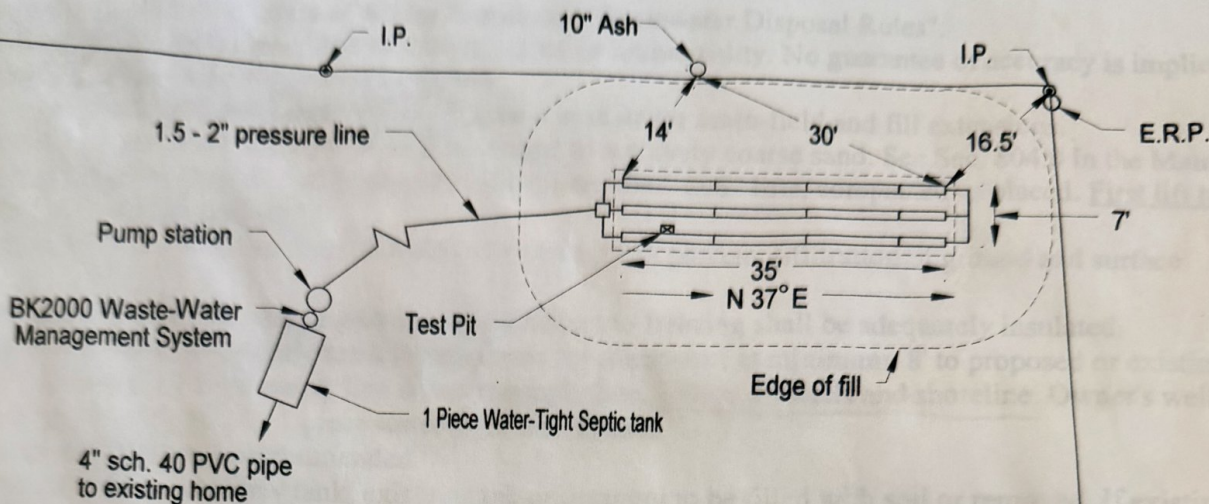
WOODMANN LANE

Owner or Applicant Name

BETHANY DOYLE

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



BK2000 notes:

1. Use installation manual.
2. Install level & close to tank with inlet at same elevation as tank outlet.
3. Replace tank outlet baffle per instructions.

BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 42"

Depth of Backfill (downslope) 42"

DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation -33"

Top of Distribution Pipe or Proprietary Device -43"

Bottom of Disposal Field -55"

ELEVATION REFERENCE POINT

Location & Description: NAIL IN 10"

MAPLE, 34" FROM GROUND

Reference Elevation is: 0.0" or:

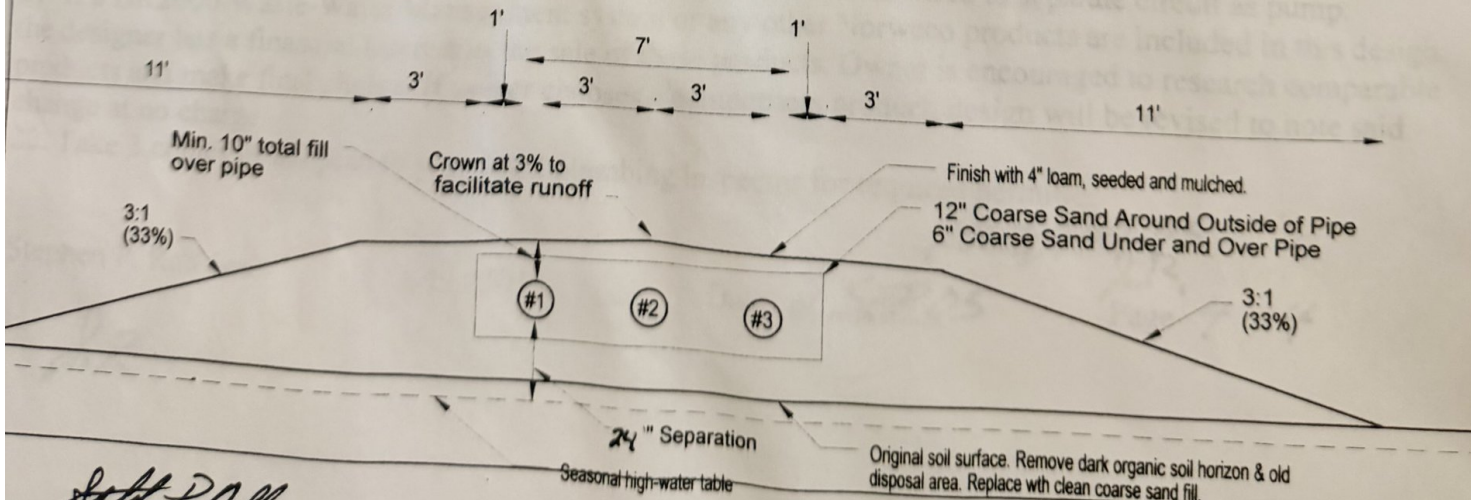
DISPOSAL FIELD CROSS-SECTION

Note: System will require 105' of Geo-Flow or Enviro-Septic type drainage pipe.
Pipe to be set in bed of sand 6" above and below, and 1' around outside of pipe.
Sand to be medium to coarse textured, with an effective particle size of 0.25 to 2.0 mm,
with no greater than 5% passing a #200 sieve, and no particles larger than 3/4.
Use manufacturer installation manual.

Scales:

Vertical: 1" = 5 ft.

Horizontal: 1" = 5 ft.



Signatures

S.E. #301

7 OCT 05

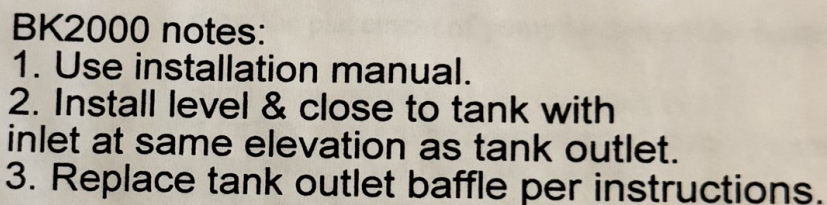
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Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

Owner or Applicant Name

Owner or Applicant Name
BETHANY DOYLE

Scale: 1" = 20 ft.



ELEVATION REFERENCE POINT

Location & Description: WALL IN 10"

MAPLE, 34" FROM GROUND

Reference Elevation is: 0.0" or:

Scales:

Horizontal: $1'' = \underline{5}$ ft.

[illegible]

S.E. #301

7 OCT 65 PAGE

Town

READFIELD

Address

WOODMAN WANE

Owner

BETHANY DOYLE

ATTACHMENT TO HHE-200

Caution: Before starting, contractor must insure fill depth amounts match with elevations given. Contact designer immediately with any discrepancies.

Notes:

1. Construction to conform to "State of Maine Subsurface Wastewater Disposal Rules".
2. Property lines shown are as provided by owner, agent, or municipality. No guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
3. Remove organic material and scarify/roto-till/burrow area under drain-field and fill extensions.
4. Unless otherwise specified, all fill will be coarse sand to a gravelly coarse sand. See Sec. 804.0 in the Maine State Plumbing Code for further clarification of fill requirements. In 8" lifts, compacted as placed. First lift to be thoroughly mixed with original soil.
5. Septic tanks and pump stations shall be installed watertight to prevent infiltration of ground and surface water.
6. Force mains, pump stations, and or gravity piping subject to freezing shall be adequately insulated.
7. Unless otherwise specified, **septic tank** to be located by contractor; at minimum; 8' to proposed or existing home and or buildings, 10' to property line & water supply line, 100' to all wells and shoreline. Owner's well setback can be reduced to 50' if a 1 piece water-tight tank is used.
8. A septic tank outlet filter is recommended.
9. If replacement system with new tank, existing tank or cesspool to be filled with soil or removed. If existing tank is to be utilized, tank is to be thoroughly inspected for condition.
10. Unless otherwise specified, this plan does not allow the placement of pumps between the wastewater source and the septic tank.
11. Unless otherwise specified, disposal area to existing or proposed buildings setback is 20'.
12. Water from gutters, driveways, walks, and other surface water to be diverted away from system.
13. Loam, seed and mulch all disturbed areas to prevent erosion and facilitate runoff.
14. Unless otherwise specified, keep traffic heavier than lawn tractor away from all components of system.
15. Keep sanitary napkins, cigarette butts, coffee grounds, paper towels, grease, and nonbiodegradables out of system.
16. Many times it is impossible to locate water supplies. Property owner assumes responsibility of proper setback to any unknown water supplies.
17. Discharge from water treatment equipment ~~and residential floor drains~~ ^{STRIKE S.R.} is not considered wastewater and must not be plumbed into septic system. This flow should be diverted into a separate drywell (Disposal area that does not require design or permit).
18. Plumbing fixtures must be strictly maintained to insure excess water does not enter septic system. Excess water can lead to premature clogging and total failure of disposal area.
19. Venting of disposal area is not required, but can facilitate biological action in disposal area.
20. Pumped systems will be equipped with audible high water alarm, wired to separate circuit as pump.
21. If a BK2000 Waste-Water Management system or any other Norweco products are included in this design, the designer has a financial interest in the sale of these products. Owner is encouraged to research comparable products and make final choice. If owner chooses a competitors product, design will be revised to note said change at no charge.
22. Take 3 copies of the plan to your local plumbing inspector for required permit.

Stephen P. Robbins

S.E. #301

Date 2 SEPO5

REVISED 10 OCT 05

S.R.
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