

RA

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY LOCATION		>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<	
City, Town, or Plantation	AUGUSTA	AUGUSTA Date Permit Issued: <u>7-16-06</u> Permit # <u>5821</u> L.P.I. # <u>850</u> Fee \$ <u>175.00</u> Double Fee Charged <input type="checkbox"/> Local Plumbing Inspector Signature: <u>[Signature]</u>	Municipal Tax Map # <u>36</u> Lot # <u>1-A</u>
Street or Road	1 WEST VIEW STREET		
Subdivision, Lot #			
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	WHITE, DON	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	
Mailing Address of Owner/Applicant	1 WEST VIEW STREET AUGUSTA, ME 04330		
Daytime Tel. #			
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. (1st) date approved _____ Signature of Owner or Applicant: <u>[Signature]</u> Date: <u>7-13-06</u> Local Plumbing Inspector Signature: _____ (2nd) date approved _____	

PERMIT INFORMATION			
TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENTS	TYPE OF WATER SUPPLY
<input type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type replaced: <u>STONE</u> Year installed: <u>1977</u> <input checked="" type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input checked="" type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<input type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input checked="" type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous Components	<input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other
SIZE OF PROPERTY	DISPOSAL SYSTEM TO SERVE		
<u>1.10</u> <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES	<input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input checked="" type="checkbox"/> 3. Other: <u>DAY CARE @ 10 CHILDREN</u> (specify) Current Use <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped		
SHORELAND ZONING			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
<input checked="" type="checkbox"/> 1. Concrete EXISTING <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY: <u>4000</u> GAL.	<input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. cluster array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE: <u>1200</u> sq. ft. <input type="checkbox"/> lin. ft.	<input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. multi-compartment tank <input type="checkbox"/> b. _____ tanks in series <input type="checkbox"/> c. increase in tank capacity <input type="checkbox"/> d. Filter on Tank Outlet	<u>420</u> gallons per day BASED ON: <input checked="" type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input type="checkbox"/> 2. Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING	EFFLUENT/EJECTOR PUMP	LATITUDE AND LONGITUDE
PROFILE CONDITION DESIGN <u>2(2) 1 A III 1 L</u> at Observation Hole # <u>1</u> Depth <u>34</u> " of Most Limiting Soil Factor	<input type="checkbox"/> 1. Small—2.0 sq. ft. / gpd <input type="checkbox"/> 2. Medium—2.6 sq. ft. / gpd <input checked="" type="checkbox"/> 3. Medium—Large 3.3 sq. ft. / gpd <input type="checkbox"/> 4. Large—4.1 sq. ft. / gpd <input type="checkbox"/> 5. Extra Large—5.0 sq. ft. / gpd	<input type="checkbox"/> 1. Not Required <input checked="" type="checkbox"/> 2. May Be Required <input type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: _____ gallons	<input type="checkbox"/> 3. Section 503.0 (meter readings) ATTACH WATER METER DATA at center of disposal area Lat. <u>44</u> d <u>20</u> m <u>038</u> s Lon. <u>89</u> d <u>46</u> m <u>449</u> s if g.p.s., state margin of error: <u>30'</u>

SITE EVALUATOR STATEMENT	
I certify that on <u>7 JUNE 06</u> (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).	
<u>[Signature]</u> Site Evaluator Signature Stephen P. Robbins	S.E.# 301 377-6707 narrowspd@aol.com
	<u>11 JUNE 06</u> Date PAGE 1 OF 4
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.	

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation

AUGUSTA

Street, Road Subdivision

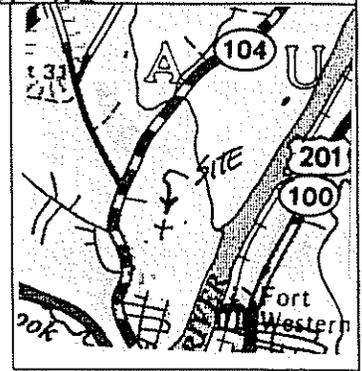
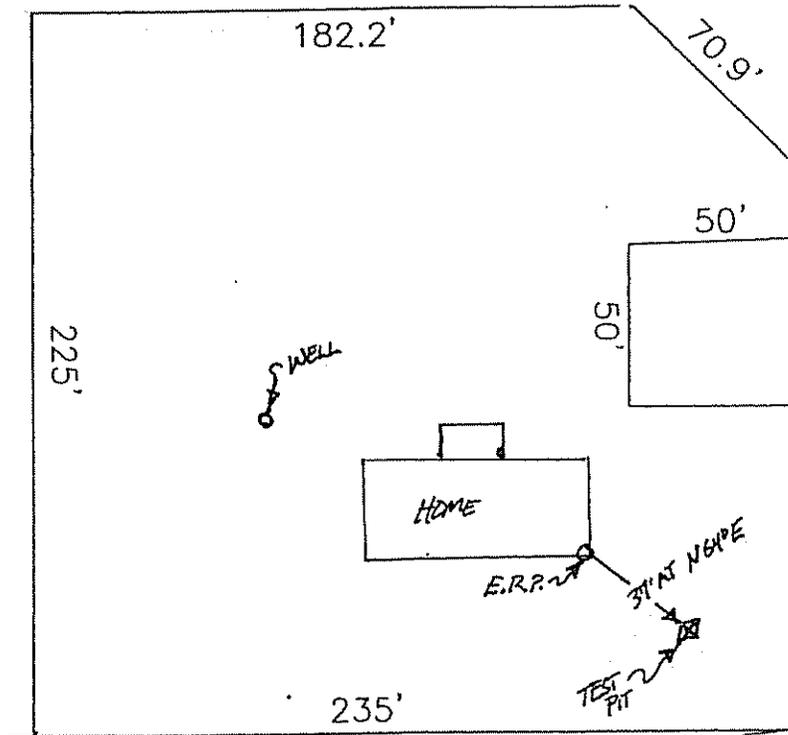
1 WEST VIEW STREET

Owner's Name

DON WHITE

SITE PLAN

Scale 1" = 60 Ft.
or as shown



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

Observation Hole 2 Test Pit Boring
2" Depth of Organic Horizon Above Mineral Soil

	Texture	Consistency	Color	Mottling
0	SAND	LOOSE	BROWN	NONE
10			GRAY	
20	SANDY LOAM	FRIABLE	RED BROWN	
30				
40	BEDROCK			
50				
Soil Classification <i>12(B) A(1)</i>		Slope <i>0</i> %	Limiting Factor <i>34"</i>	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input checked="" type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile Condition				

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

	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				
Soil Classification		Slope	Limiting Factor	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile Condition				

Steph P. ...
Site Evaluator Signature

301

11 JUNE 06
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

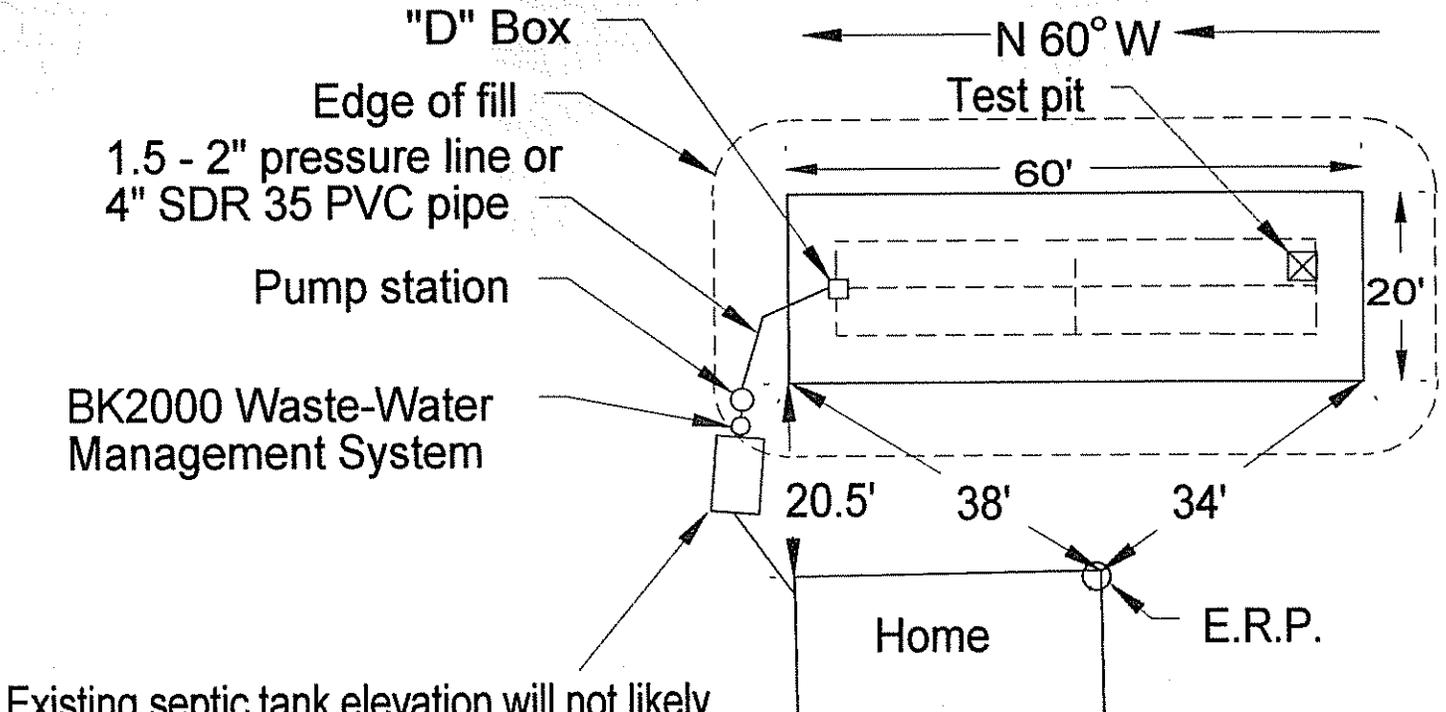
Town, City, Plantation
AUGUSTA

Street, Road, Subdivision
1 WEST VIEW STREET

Owner or Applicant Name
DON WHITE

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



Existing septic tank elevation will not likely provide gravity flow to drain field. Pump station can be added, or septic tank can be replaced at higher elevation.

- 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) 14"
 Depth of Backfill (downslope) 14"
 DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation -41"
 Top of Distribution Pipe or Proprietary Device -54"
 Bottom of Disposal Field -65"

ELEVATION REFERENCE POINT

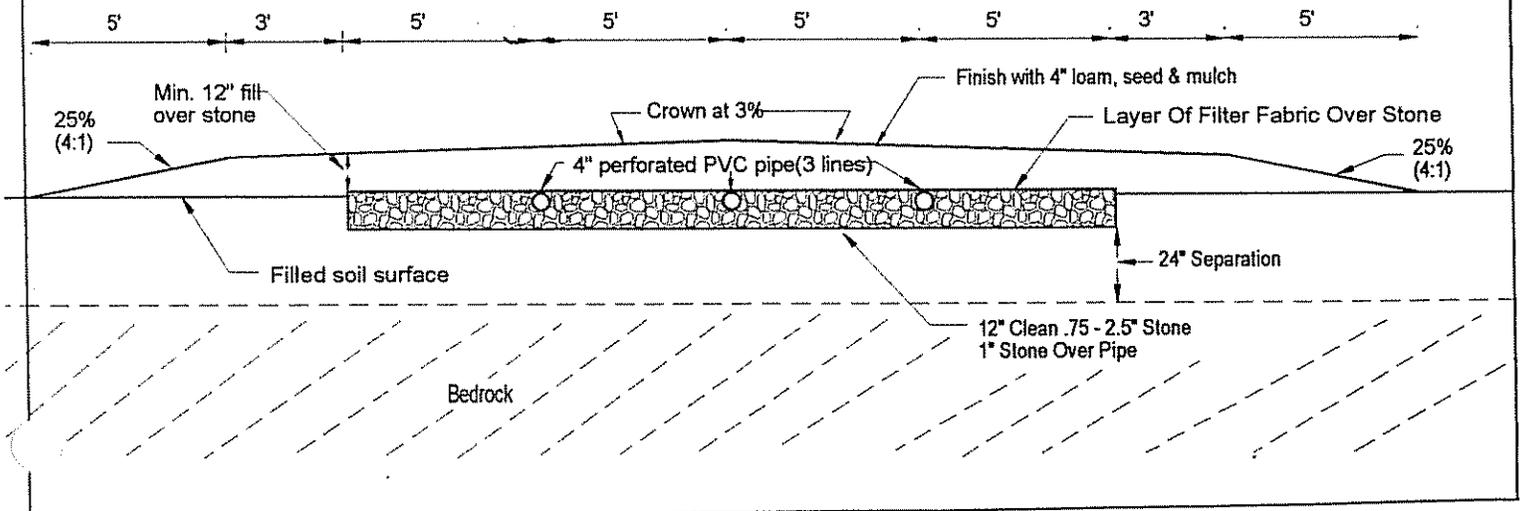
Location & Description: NAIL IN CORNER OF HOUSE, 31" ABOVE BOTTOM OF SLEEPING
 Reference Elevation is: 0.0" or: _____

DISPOSAL FIELD CROSS-SECTION

Scales:

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

Note: System is located partially over existing drainfield which is to be totally removed & replaced with clean fill.



Suppl. P. M. B. Inc.

S.E. #301

11 JUNE 06

PAGE
 3 OF 4

Town
AUGUSTA

Address
1 WEST VIEW STREET

Owner
DON WHITE

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~~ ^{scarify} ~~furrow~~ 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, to form a transition horizon.
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 & shoreline 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 foundation/floor drains 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). A floor drain used for anything other than fresh-water disposal does require design and 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 11 JUNE 06

Page 4 of 4

S.P.R.