

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

3478 MS L18

PROPERTY LOCATION

City or Location: **AUGUSTA**
 Street Subdivision Lot #: **OLD BELGRADE RD**
 PROPERTY OWNERS NAME
 Last: **WELLS** First: **LESTER E.**
 Mailing Address of Owner: **37 1/2 WASHINGTON ST. APT #6 AUGUSTA 04330**
 Daytime Tel. #: **6021-0468**

AUGUSTA 3478 TOWN LUFT

Date Permit Issued: **6/19/96** \$ **160.00** FEE Double Fee Charged
 Local Plumbing Inspector Signature: *May R. Tucker* L.P.I. #: **8510**

Owner 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/Applicant: *Lester E. Wells* Date: **6-5-96**

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: *May R. Tucker* Date Approved: **8/26/96**

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- First Time System
- Multi-User System
- Replacement System
- Expanded System
 - One-time exempted
 - Non-exempted
- Experimental System
- Seasonal Conversion

THIS APPLICATION REQUIRES:

- No Rule Variance
- First Time System Variance (Municipal)
- First Time System Variance (State)
- Replacement System Variance
 - Local Plumbing Inspector approval
 - State & Local Plumbing Inspector approval
- Minimum Lot Size Variance
- Seasonal Conversion Variance

DISPOSAL SYSTEM COMPONENT(S)

- Non-Engineered System
- Primitive System
- Alternative Toilet
Specify _____
- Non-Engineered Treatment Tank
- Holding Tank _____ Gallons
- Non-Engineered Disposal Area (only)
- Separated Laundry System
- Engineered System (+2000 gpd)
- Engineered Treatment Tank (only)
- Engineered Disposal Area (only)

SIZE OF PROPERTY

3/4 AC

DISPOSAL SYSTEM TO SERVE:

- Single Family Dwelling Unit
- Multiple Family Dwelling Unit
Number of Units _____
- Other _____
SPECIFY _____

SHORELAND ZONING

Yes No

TYPE OF WATER SUPPLY
WELL TO BE AT LEAST 100' FROM SYSTEM

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- Concrete
 - Regular
 - Low Profile
 - Plastic
- SIZE **1500** Gallons

DISPOSAL AREA TYPE/SIZE

- Stone Bed _____ Sq. Ft.
- Proprietary Device **720** Sq. Ft.
 - Clustered Linear
 - Regular H-20
- Trench _____ Lin. Ft.
- Other _____

GARBAGE DISPOSAL UNIT

- No
- Yes
 - Multi-compartment tank
 - Tank in series
 - Increase in tank capacity
 - Filter on tank outlet

CRITERIA USED FOR DESIGN FLOW (Show Calculations)

PROFILE & DESIGN CLASS

PROFILE: **B** DESIGN: **C**
 DEPTH TO MOST LIMITING FACTOR: **15"**

DISPOSAL AREA SIZING

- Small 2.0
- Medium 2.60
- Medium-Large 3.30
- Large 4.10
- Extra-Large 5.00

PUMPING

- Not required
- May be required
- Required

DOSE _____ Gallons

4 BED ROOM

DESIGN FLOW: **360**
(Gallons/Day)

SITE EVALUATOR'S STATEMENT

05 / 24 / 96 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules.

Signature: *Terry Adams*
 Site Evaluator Signature
TERRY ADAMS
 Print Name

132
 SE #
582 1642
 Telephone

6/4/96
 Date

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SITE PLAN Scale 1" = _____ Ft. **NOT TO SCALE**

OLD BELGRADE ROAD

160'±

100'

21'

T.P. 572.5

20'

200'

E.R.P. NAIL IN ELM 1'-10" ABOVE GROUND

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

Observation Hole 1 Test Pit Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	FRIABLE	BROWN	
6				
10	LOAM		REDDISH BROWN	
15			LIGHT BROWN	EVIDENT
20			OLIVE	
25	SILT LOAM			
30	DEPTH OF OBSERVATION			
40				
50				

Soil Profile: 8	Classification Condition: C	Slope: _____ %	Limiting Factor: 15	<input checked="" type="checkbox"/> Ground Water
				<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> 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				
10				
15				
20				
25				
30				
40				
50				

Soil Profile: _____	Classification Condition: _____	Slope: _____ %	Limiting Factor: _____	<input type="checkbox"/> Ground Water
				<input type="checkbox"/> Restrictive Layer
				<input type="checkbox"/> Bedrock

Larry Coleeno
Site Evaluator Signature

132
SE#

6/4/96
Date

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SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.

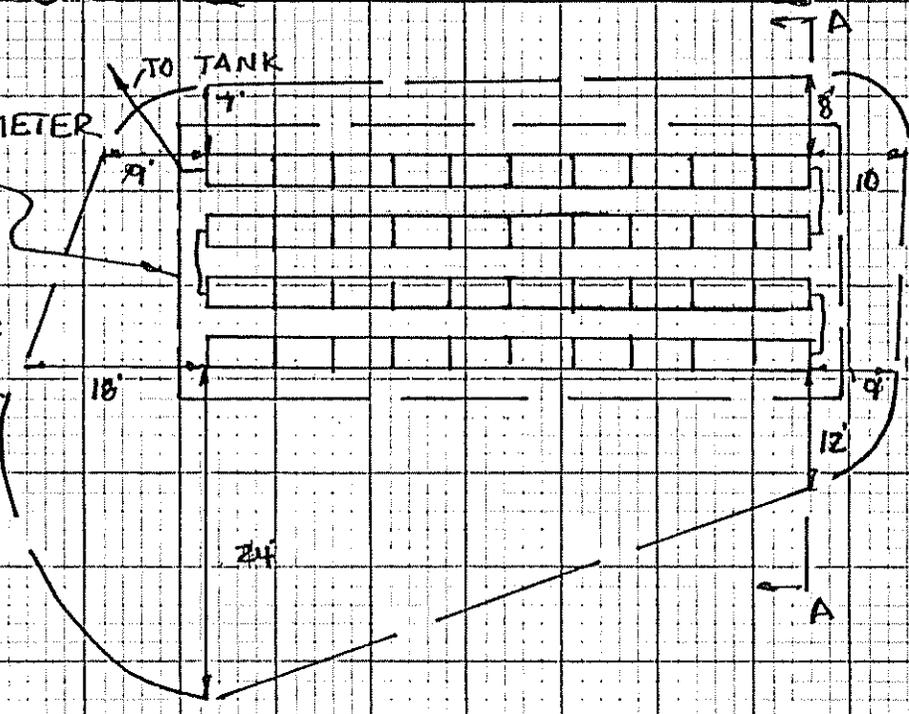
INFLTRATOR TYPE CHAMBERS OR EQUIVALENT IN SERIES

SEE NOTES FROM THE SITE EVALUATOR

62.5'

LIMIT OF 3' PERIMETER FILL.

APPROX LIMIT OF FILL.



FILL REQUIREMENTS

Depth of Fill (Upslope) **22"**
Depth of Fill (Downslope) **40"**

CONSTRUCTION ELEVATIONS

Reference Elevation Is **0-00**
Bottom of Disposal Area **SEE BELOW**
Top of Distribution Lines or Chambers **SEE BELOW**

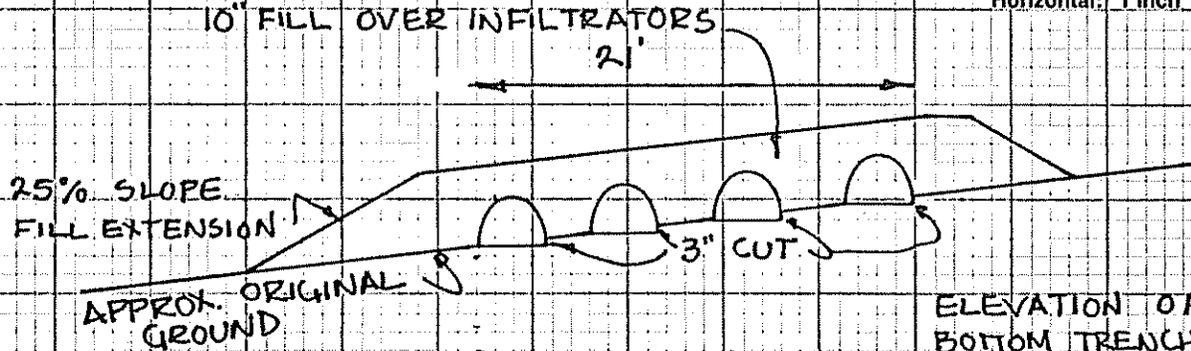
ELEVATION REFERENCE POINT

LOCATION & DESCRIPTION
NAIL IN ELM TREE

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 Inch = 5 Ft.
Horizontal: 1 Inch = 10 Ft.



SECTION A-A

FILL UNDER AND AROUND INFILTRATORS TO BE COURSE LOAMY SAND

ELEVATION OF BOTTOM TRENCH

# 1-40	25
# 2-45	20
# 3-50	15
# 4-54	

System shall be installed in accordance with the Maine State Plumbing Code.

2. Remove vegetation from the proposed disposal area and scarify original ground before placing fill.
3. Fill shall be clean, coarse loamy sand.
4. All stone shall be of uniform size, and free of fines.
5. Site shall be graded in a manner which will divert surface water from the bed.
6. Grass, clover, trefoil, vetch, perennial wildflowers, or other herbaceous perennials may be planted on disposal area surfaces. Woody shrubs, in conjunction with a hardy perennial groundcover, may only be used on fill extensions.
7. If this application includes a new system variance request, it is assumed that this site is not part of a proposed subdivision.
8. "Permit By Rule" - When the toe of fill for a system extends closer than 100' to a wetland or waterbody, even though the system itself is 100' or more from the wetland or waterbody, or when a system requires a Replacement System Variance, the applicant may be required to file a "Permit By Rule" notification form or a complete application form with the D.E.P..

"Permit By Rule" does not take the place of any other local, state, or federal approvals which may be needed for the proposed activity. In specific instances, the activities may require a shoreland zoning permit from the town, a lease from the Bureau of Public Lands (207-289-3061) if the work extends onto state owned submerged lands, or a permit from the U.S. Army Corps of Engineers (207-623-8367).
9. If a system requires a pump, it shall be vented in accordance with standard practice. It is recommended that the required audible high water alarm be installed on the premises on a different electrical circuit from the pump.
10. As a general rule, a septic tank should be cleaned every two years. It is recommended that no commercial septic tank additives be used.
11. Unless otherwise stated this design does not provide for the use of a garbage disposal. If one is to be added contact the site evaluator in order that he may alter the design to accommodate the change.
12. This site evaluation and design has been done in compliance with the Maine State Plumbing Code. The approval and/or design may be subject to more restrictive local ordinances. The local Plumbing Inspector is to be contacted for final review approval.
13. By signature on this application, the client agrees with location of lot lines, wells and other physical features shown and further agrees to limit North By East Associates liability to the original cost of installation of the system or North By East Associates' total fee for services rendered on this project, whichever is greater.