

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION	
City, Town, or Plantation	Augusta
Street or Road	196 Bolton Hill Rd
Subdivision, Lot #	Michaud Subdivision Lot 1
OWNER/APPLICANT INFORMATION	
Name (last, first, MI)	Telesis Housing Corp Applicant
Mailing Address of Owner/Applicant	P.O. Box 1123 138 St John St. Portland, Me 04104
Daytime Tel. #	

AUGUSTA PERMIT #6690 TOWN COPY
Date Permit Issued: 7/3/12 \$ 150.00 fee

Gary R. Yulish LPI # 850

OWNER OR APPLICANT STATEMENT
I state and acknowledge 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]
Signature of Owner or Applicant 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.

[Signature] (1st) date approved 7/3/12
Local Plumbing Inspector Signature (2nd) date approved

PERMIT INFORMATION		
TYPE OF APPLICATION 1. First Time System 2. Replacement System Type replaced: <u>Concrete</u> Year installed: <u>1999</u> 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 Permit	DISPOSAL SYSTEM COMPONENTS 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 more) 9. Engineered Treatment Tank (only) 10. Engineered Disposal Field (only) 11. Pre-treatment, specify: _____ 12. Miscellaneous Components
SIZE OF PROPERTY 5.06 + SQ. FT. ACRES	DISPOSAL SYSTEM TO SERVE 1. Single Family Dwelling Unit, No. of Bedrooms: <u>6</u> 2. Multiple Family Dwelling, No. of Units: _____ 3. Other: _____ (specify) Current Use Seasonal <u>Year Round</u> Undeveloped	TYPE OF WATER SUPPLY 1. Drilled Well 2. Dug Well 3. Private 4. Public 5. Other
SHORELAND ZONING Yes <input type="radio"/> No <input checked="" type="radio"/>		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK 1. Concrete a. Regular b. Low Profile 2. Plastic 3. Other: _____ CAPACITY: <u>1500</u> GAL. Existing tank add Filter	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: <u>1792</u> sq. ft. lin. ft.	GARBAGE DISPOSAL UNIT 1. No 2. Yes 3. Maybe If Yes or Maybe, specify one below: a. multi-compartment tank b. _____ tanks in series c. increase in tank capacity d. Filter on Tank Outlet	DESIGN FLOW <u>540</u> gallons per day BASED ON: 1. Table 501.1 (dwelling unit(s)) 2. Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE CONDITION DESIGN <u>Z1C1</u> at Observation Hole # <u>A</u> Depth <u>28</u> " 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 only for engineered systems: DOSE: _____ gallons	3. Section 503.0 (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. <u>N 44° 19' m 21.7 s</u> Lon. <u>W 069° 41' m 24.9 s</u> if g.p.s., state margin of error: <u>26' ±</u>

SITE EVALUATOR STATEMENT

I certify that on 6/25/12 (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).

[Signature] SE # 285 Date 6/26/12
Site Evaluator Signature

Daniel P. Colby Telephone Number 207-882-9742
Site Evaluator Name Printed E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator. HHE-200 Rev. 4/05

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 Division of Health Engineering
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Town, City, Plantation

Street, Road, Subdivision

Owner's Name

Augusta

196 Bolton Hill Road

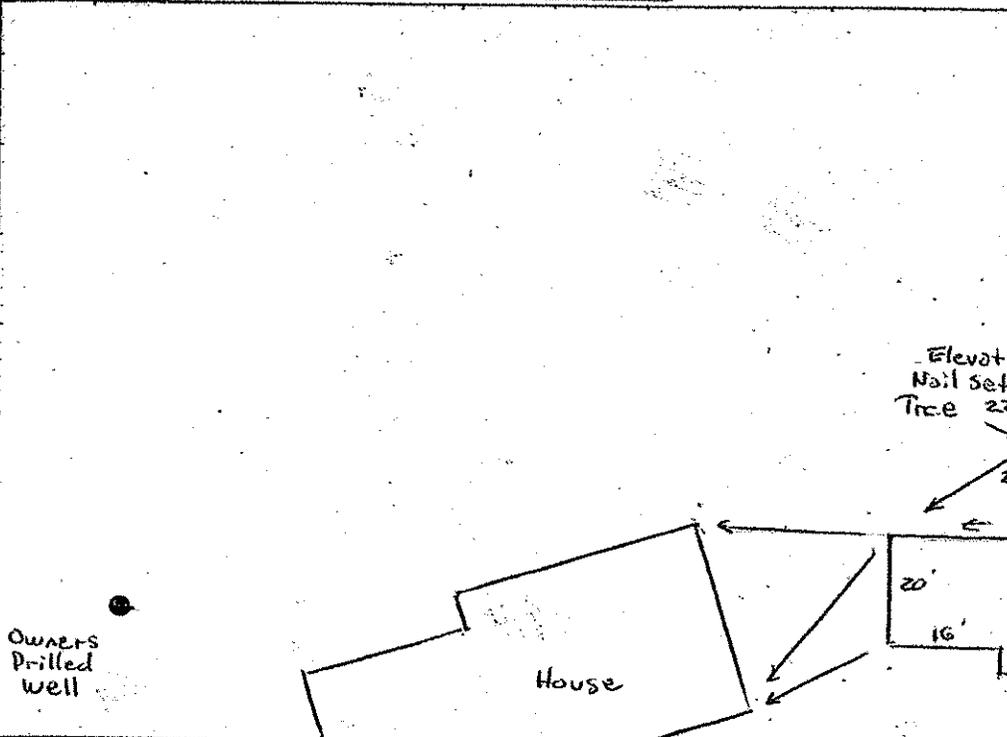
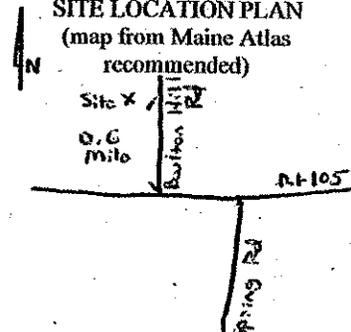
Telesis Housing

SITE PLAN

Scale 1" = 30 ft. or as shown

SITE LOCATION PLAN
 (map from Maine Atlas recommended)

Site X
 0.6 mile



Elevation Reference
 Nail set in 5" Birch
 Tree 22" Above Ground

109' to
 Neighbors
 Drilled Well

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

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

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	Loam	Friable	Dark Brown	
10				
20	Sandy		Tan	
30	Loam			Evident
40				
50				

Soil Classification <u>2 C</u> Profile Condition	Slope <u>5%</u>	Limiting Factor <u>28"</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
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Observation Hole _____ Test Pit Boring
 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0				
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Soil Classification _____ Profile Condition	Slope ____%	Limiting Factor ____"	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
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David Kelly
 Site Evaluator Signature

286
 SE #

6/26/12
 Date

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Department of Human Services
 Division of Health Engineering
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation **Augusta Bolton Hill Road** Street, Road, Subdivision

Owner's Name

Augusta Bolton Hill Road

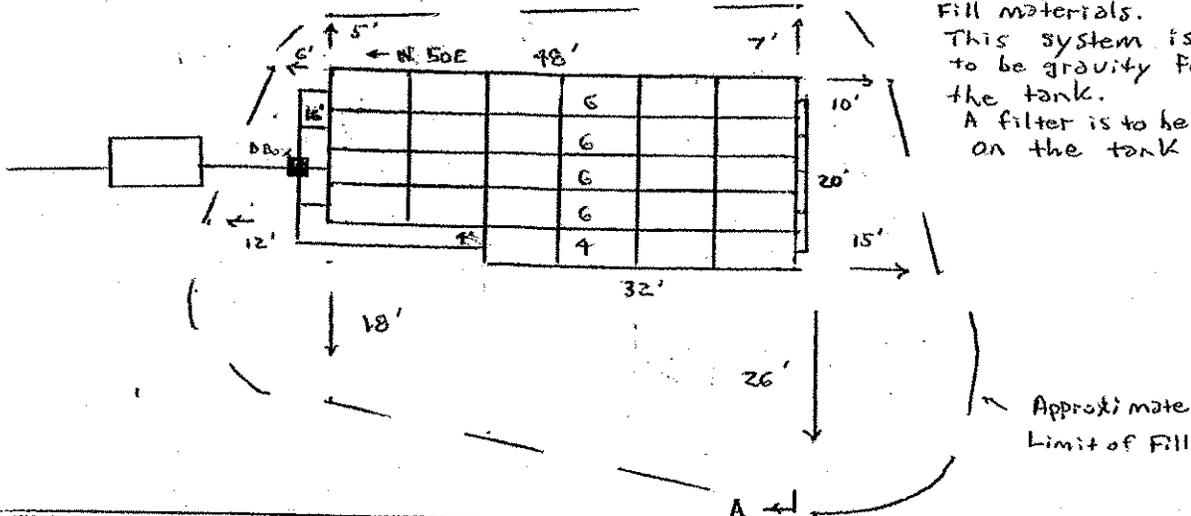
Telesis Housing

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.

28 4'x8' Concrete Chambers
 set on a bed of 6" Clean
 Stone with 12" of stone
 around the perimeter.

Note: This replacement System
 is designed in the area of
 the old system. Old System
 materials are to be removed
 and replaced with quality
 fill materials.
 This system is designed
 to be gravity feed from
 the tank.
 A filter is to be placed
 on the tank outlet.



FILL REQUIREMENTS

CONSTRUCTION ELEVATIONS

ELEVATION REFERENCE POINT

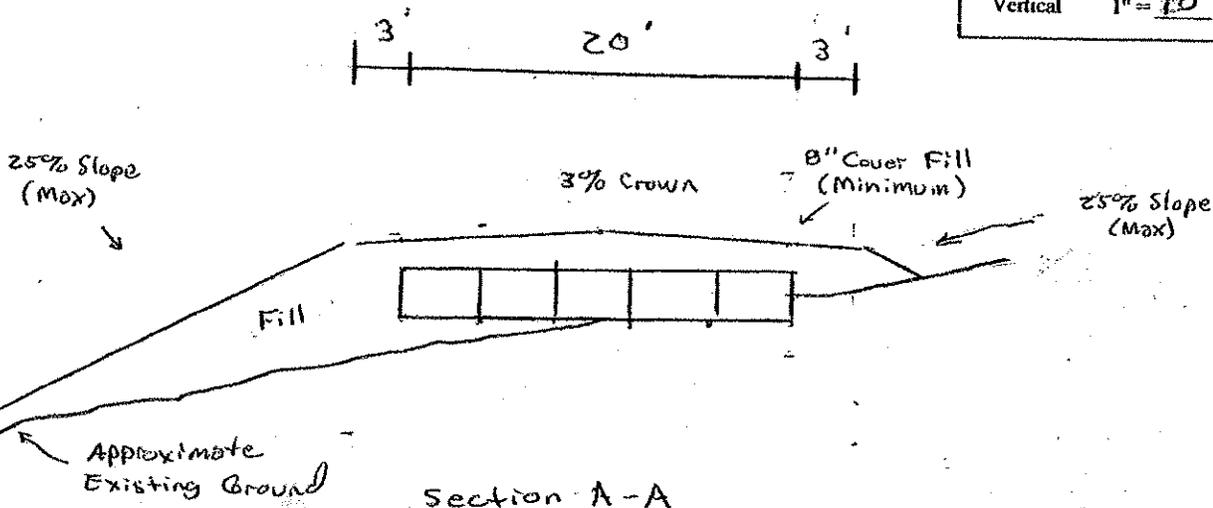
Depth of Fill (Upslope)	6" - 11"	Finished Grade Elevation	-39"
Depth of Fill (Downslope)	24" - 36"	Top of Distribution Pipe or Proprietary Device	-47"
		Bottom of Disposal Area Chamber	-60"

Location & Description: Nail set in 5"
 Birch Tree 22" Above Ground
 Reference Elevation: 0'0"

DISPOSAL AREA CROSS SECTION

Scale

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



David A. Kelly
 Site Evaluator Signature

286
 SE #

6/26/12
 Date

Colby & Associates

Daniel P. Colby



313 Bradford Road ♦ Wiscasset, Maine 04578
Phone (207)-882-9742 ♦ Fax (207)-882-9742

General Notes

- 1) Property Information as supplied by owner, applicant, or representative. Therefore such information shall be verified as correct by the owner or applicant prior to signing the application. Property lines not shown herein are considered to be more than 50' from the disposal area.
- 2) Fill to be free of foreign debris and coarse sand to gravelly coarse sand texture with 4 - 8% passing a #200 sieve and shall contain less than 5% by volume of rocks greater than 3" in size. The top 4" in cover material to be suitable for the establishment of good vegetative cover and seeded or covered with a layer of 3" to 6" wood chips. If wood chips are to be used they shall be maintained to prevent erosion.
- 3) Work to be done in accordance with the rules.
- 4) No wells were apparent within 100' of the disposal area. Owner to verify before signing this application.
- 5) All work on disposal area to be performed under dry conditions.
- 6) Minimum separation distances required (unless reduced by variance)

Any well to disposal area.....	100'
Any well to septic tank.....	100'
Septic tank to foundation	8'
Septic Field to Full Foundation.....	20'
Septic Field to Slab or Frost Wall.....	15'

Other separation distances as per rules.
- 7) Fill shall be placed in 8" compacted lifts.
- 8) Remove vegetation and scarify original soil under entire disposal area and fill extensions before placing fill. Bottom 4" of fill shall be mixed with original ground to improve infiltration.
- 9) This Site Evaluation 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 should be contacted for final review and approval.
- 10) Any questions should be directed to Daniel P. Colby at the above address .