

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

>>Caution! Permit Required - Attach in Space Below<<

City, Town or Location: **AUGUSTA**
 Street or Road: **LYON LANE**
 Subdivision Lot #:

AUGUSTA 5322 TOWN COPY
 Date Permit Issued: **7/12/04** \$ **1000** If Double Fee Charged
 Local Plumbing Inspector Signature: *[Signature]* L.P.I. # **8501**

OWNER/APPLICANT INFORMATION
 NAME (last, first, MI): **HABASH, DAWN** OWNER APPLICANT

MAILING ADDRESS OF OWNER/APPLICANT: **AUGUSTA, ME. 04330**

Daytime Tel. #: **207-215-5661**

Municipal Tax Map # **2** Lot # **70**

OWNER OR APPLICANT STATEMENT

Caution! Inspection Required

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 or Applicant: *[Signature]* Date: **7/12/04**

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: *[Signature]* Date Approved: **7/12/04**

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

SIZE OF PROPERTY: **4+/- ACRES** sq. ft. acres

SHORELAND ZONING:
 Yes No

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 TO SERVE:
 1. Single Family Dwelling Unit
 No. of Bedrooms **2**
 2. Multiple Family Dwelling: Number of Units _____
 3. Other _____ (Specify)
 Current Use: Seasonal Year Round Undeveloped

DISPOSAL SYSTEM COMPONENT(S):
 1. 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 Area (only)
 7. Separated Laundry System
 8. Engineered System (2000 gpd or more)
 9. Engineered Treatment Tank (only)
 10. Engineered Disposal Area (only)
 11. Pretreatment, specify: _____
 12. Miscellaneous components

TYPE OF WATER SUPPLY:
 1. Drilled Well 2. Dug Well 3. Private
 4. Public 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK:
 1. Concrete
 a. Regular
 b. Low Profile
 2. Plastic *CK. DEPTH*
 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
 4. Other _____
 Size: **120** 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:
180 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: **3** CONDITION: **AIII** DESIGN: **I**
 at Observation Hole # **1**
 Depth: **15** *N/R*
 OF MOST LIMITING SOIL FACTOR

DISPOSAL AREA SIZING:
 1. Small --- 2.00 sq. ft. /gpd
 2. Medium --- 2.60 sq. ft. /gpd
 3. Medium-Large --- 3.30 sq. ft. /gpd
 4. Large --- 4.10 sq. ft. /gpd
 5. Extra-Large --- 5.00 sq. ft. /gpd

EFFLUENT/EJECTOR PUMP:
 1. Not required
 2. May Be Required
 3. Required >> Specify Only for Engineered or Experimental Systems
 DOSE: _____ Gallons

ATTACH WATER-METER DATA:
 3. Section 503.0 (meter readings)

SITE EVALUATOR'S STATEMENT

I CERTIFY that on **5/29/04** (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 State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241)

Site Evaluator Signature: *[Signature]*
 Site Evaluator Name Printed: **PAUL A. BEERS**

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 SE # **207-582-7400**
 Telephone Number

Date: **5/29/04**
 E-Mail Address: **decajcvr@ad.com**

Note: Changes to or deviations from design should be confirmed with the Site Evaluator
 HHE-200 Rev. 8/01

John Cushing - # 242-8075

SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

City, Plantation
AUGUSTA

Street, Road, Subdivision
LYON LANE

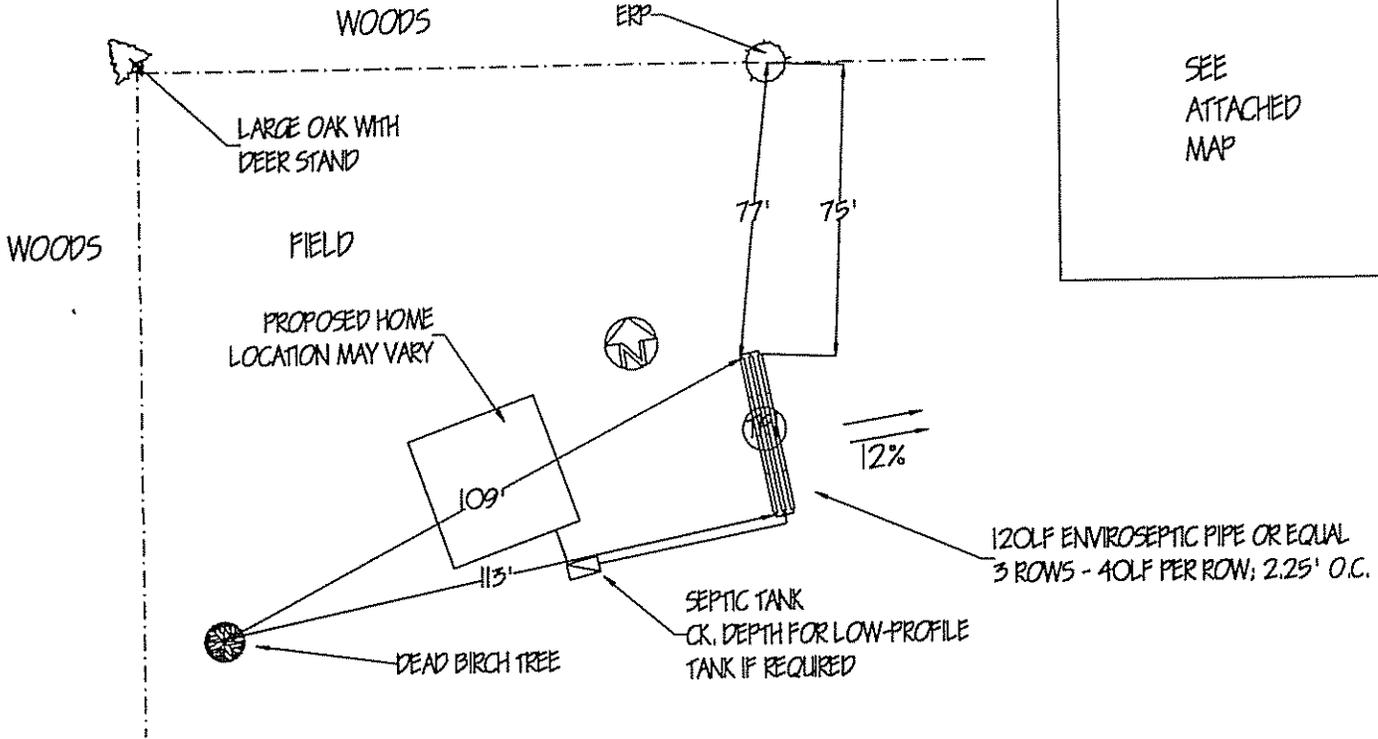
Owner's or Applicant Name
DAWN HABASH

SITE PLAN

Scale **1" = 50'** Ft.
or as shown

SITE LOCATION PLAN
(Attach map from Maine Atlas for First Time System Variance)

SEE
ATTACHED
MAP



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

Observation Hole TP1 Test Pit Boring
 Depth of Organic Horizon Above Mineral Soil _____

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0		FRIABLE	DK BRN.	
10	FINE SANDY LOAM		OLIVE BRN.	FEW FAINT @ 15"
20		FIRM	OLIVE GRAY	
30		SUSPECTED BEDROCK		
40				
50				

Soil Classification	Slope	Limiting Factor	<input checked="" type="checkbox"/> Ground Water
3	12%	15'	<input type="checkbox"/> Restrictive Layer
Profile	Condition	Percent	Depth
			<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				
10				
20				
30				
40				
50				

Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water
	____%	'	<input type="checkbox"/> Restrictive Layer
Profile	Condition	Percent	Depth
			<input type="checkbox"/> Bedrock

Paul A. Beers
PAUL A. BEERS
 Site Evaluator Signature

56
 SE#

5/29/04
 Date

JRFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
 Division of Health Engineering
 (207) 287-3672 FAX (207) 287-3165

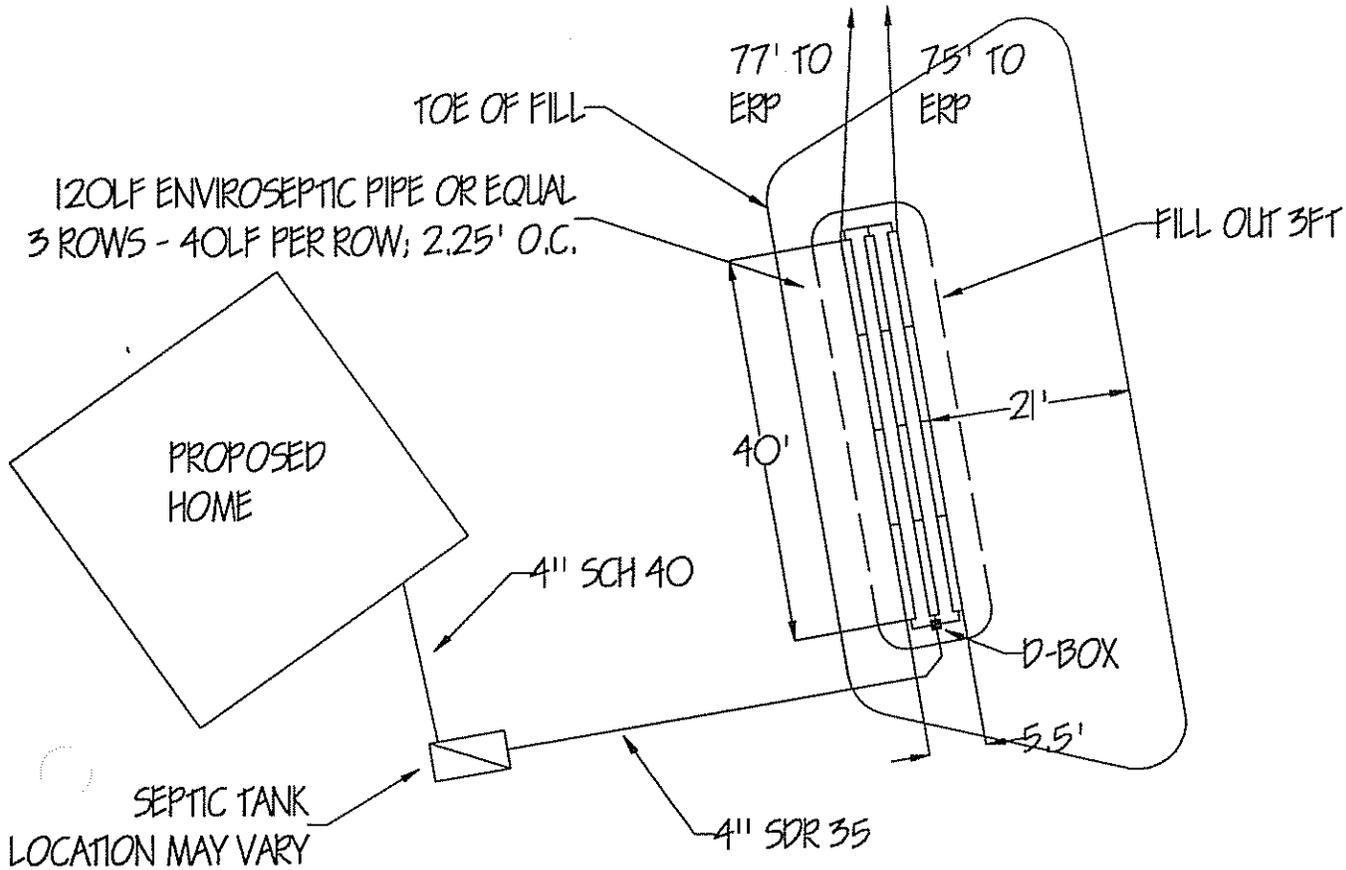
City, Plantation
 NIASTA

Street, Road, Subdivision
 LYON LANE

Owner or Applicant Name
 DAWN HABASH

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT



FILL REQUIREMENTS

Depth of Fill (Upslope)	22"
Depth of Fill (Downslope)	29"
DEPTHS AT CROSS-SECTION (SHOWN BELOW)	

CONSTRUCTION ELEVATIONS

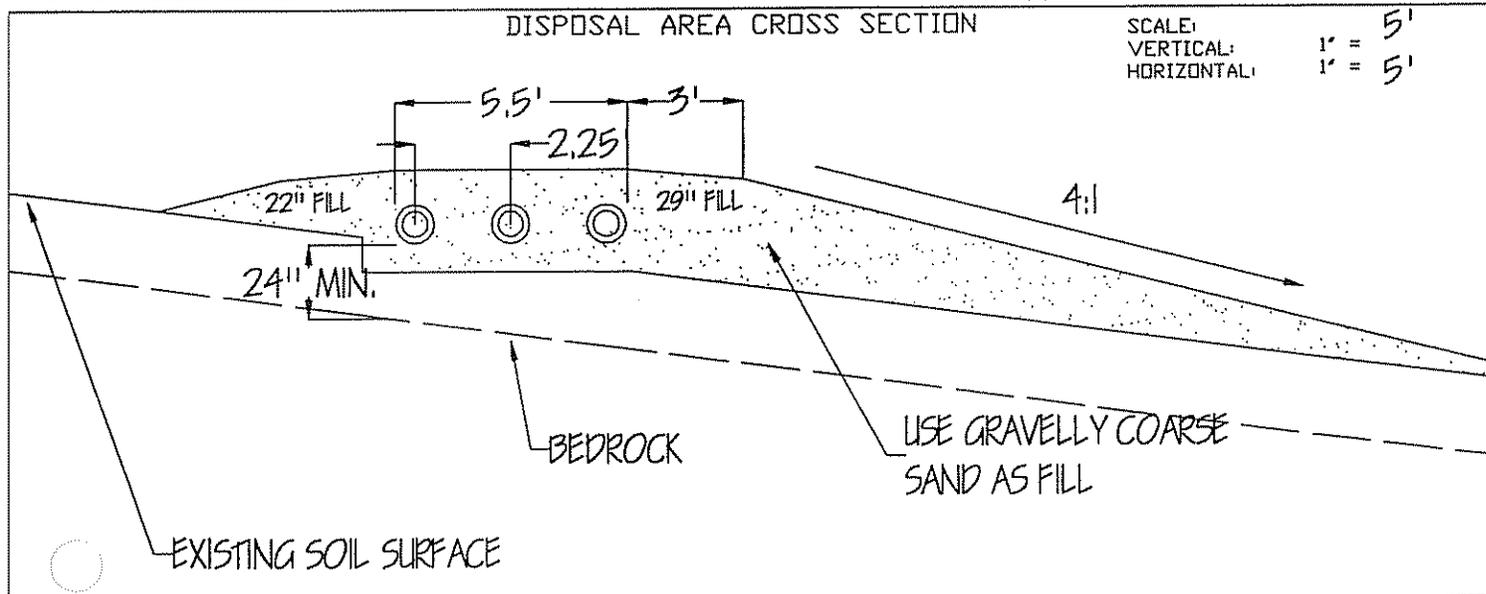
Finished Grade Elevation	-38" + /
Top of Distribution Pipe or Proprietary Device	-48"
Bottom of Disposal Area	-60"

ELEVATION REFERENCE POINT

Location & Description	NAIL IN 10" OAK TREE
	26" UP FROM BASE
Reference Elevation is:	0.0"

DISPOSAL AREA CROSS SECTION

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



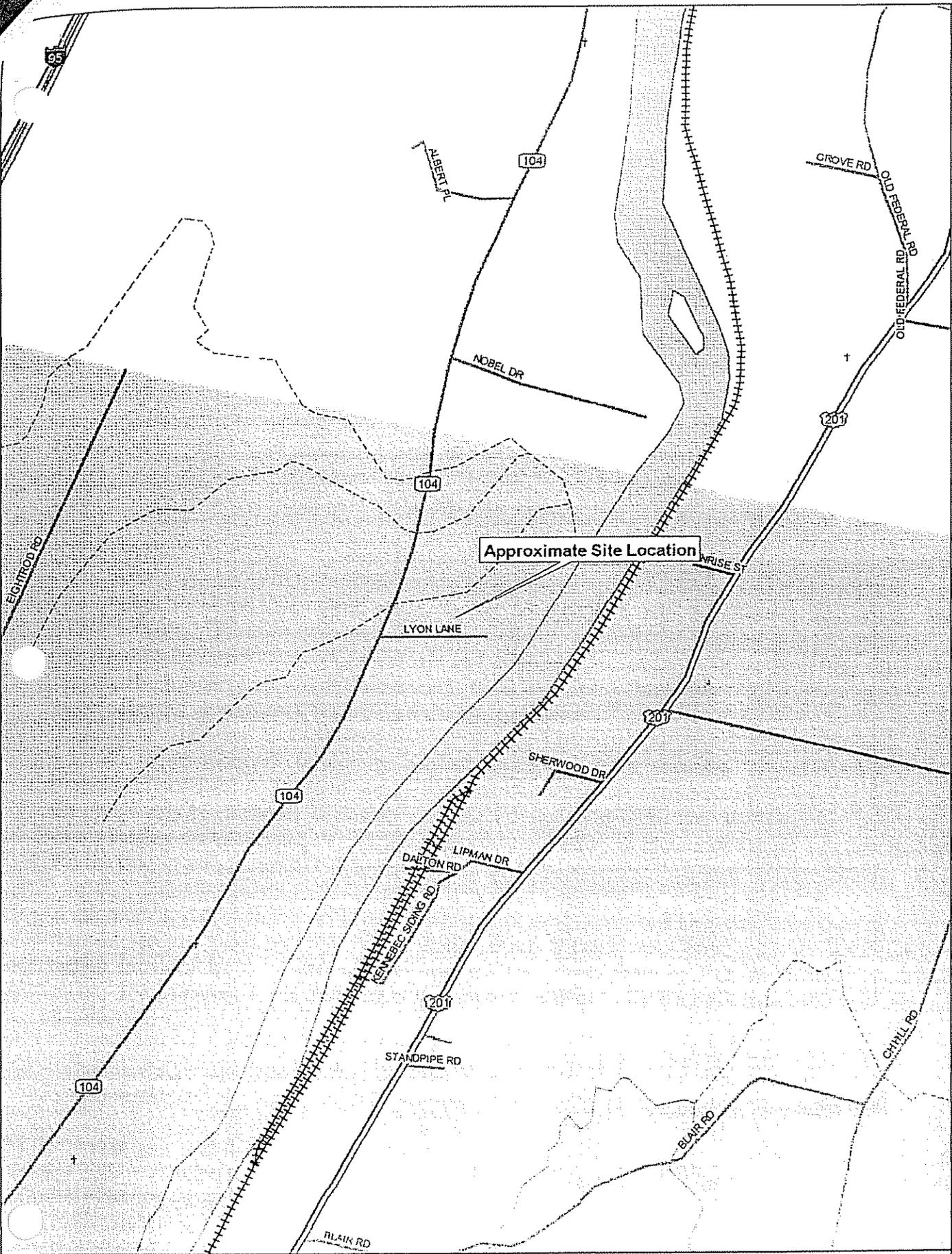
Dave G. Reuss
 Site Evaluator Signature

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SE #

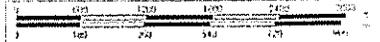
5/29/04

Date



Approximate Site Location

Scale 1 : 20,800
1" = 1730 ft



© 2001 DeLorme. Street Atlas USA® Deluxe; © 2001 GDT, Inc., Rel. 01/2001
Zoom Level: 13-3 Datum: WGS84

MIN
1" = 3" MW

Paul A. Beers LSE, CSS
26 Fairview Street
Gardiner, ME. 04345
207-582-7400

TOWN: Augusta

LOCATION: Lyon Lane

APPLICANT'S NAME: Dawn Habash

1) The Plumbing and Subsurface Wastewater Disposal Rules adopted by the State of Maine, Department of Human Services pursuant to 22 M.R.S.A. § 42 (the "Rules") are Incorporated herein by reference and made a part of this application and shall be consulted by the owner/applicant, the system Installer and/or building contractor for further construction details and material specifications. The system installer should contact Paul A. Beers 582-7400, if there are any questions concerning materials, procedures or designs. The system Installer and/or building contractor installing the system shall be solely responsible for compliance with the Rules and with all state and municipal laws and ordinances pertaining to the permitting, inspection and construction of subsurface wastewater disposal systems. **Paul A. Beers does not have a financial interest in any proprietary product that may be specified as part of the attached design.**

2) This application is intended to represent facts pertinent to the Rules only. **It shall be the responsibility of the owner/applicant, system installer and/or building contractor to determine compliance with and to obtain permits under all applicable local, state and/or federal laws and regulations (including, without limitation, Natural Resources Protection Act, wetland regulations, zoning ordinances, subdivision regulations, Site Location of Development Act and minimum lot size laws) before installing this system or considering the property on which the system is to be installed a "buildable" lot. It is recommended that a wetland scientist be consulted regarding wetland regulations.**

Prior to the commencement of construction/installation, the local plumbing inspector shall inform the owner/applicant and Paul A. Beers of any local ordinances, which are more restrictive than the Rules in order that the design may be amended. All designs are subject to review by local, state and/or federal authorities. Paul A. Beers's liability shall be limited to revisions required by regulatory agencies pursuant to laws or regulations In effect at the time of preparation of this application.

3). All information shown on this application relating to property lines, well locations, subsurface structures and underground facilities (such as, utility lines, drains, septic systems, water lines, etc.) are based solely upon information provided by the owner/applicant and has been relied upon by Paul A. Beers in preparing this application. The owner/applicant shall review this application prior to the start of construction and confirm this information.

4). Installation of a garbage (grinder) disposal is not recommended. If one is installed, an additional 1000 gallon septic tank or a septic tank filter should be connected in series to the proposed septic tank.

5). The system user shall avoid introducing kitchen grease or fats into this system. Chemicals such as septic tank cleaners and/or chlorine (such as from water treatment) and controlled or hazardous substances shall not be disposed of in this system.

6) The septic tank should be pumped within two years of installation and subsequently as recommended by the pump service, but in no event should the septic tank be pumped less often than once every three years.

7) The actual water flow or number of bedrooms **shall not exceed the design criteria indicated on this application** without a re-evaluation of the system as proposed. If the system is supplied by public water or a private service with a water meter, the water consumption per period should be divided by the number of days to calculate the average daily water consumption (water usage (cu.ft.) x 7.48. (gallons per cu. ft.) .

8) The general minimum setback between a well and septic system serving a single family residence is 100-300 feet, unless the local municipality has a more stringent requirement. A well installed by an abutter within the minimum setback distances prior to the issuance of a permit for the proposed disposal system may void this design.

9) When a gravity system is proposed: **BEFORE CONSTRUCTION/INSTALLATION BEGINS,** the system installer or building contractor shall review the elevations of all points given in this application and the elevation of the existing and/or proposed building drain and septic tank inverts for compatibility to minimum slope requirements. In gravity systems, the invert of the septic tank(s) outlet(s) shall be at least 4 inches above the invert of the distribution box outlet at the disposal area. When an effluent pump is required, provisions shall be made to make certain that surface ground water does not enter the septic tank or pump station. An alarm device warning of a pump failure shall be installed. Insulate gravity pipes, pump lines and the distribution box as necessary to prevent freezing.

10) On all systems, remove the vegetation; organic duff and old fill material from under the disposal area and any fill extension. On sites where the proposed system is to be installed in natural soil, scarify the bottom and sides of the excavated disposal area with a rake. Do not use wheeled equipment on the scarified soil surface. For systems installed in fill, scarify the native soil by roto-tilling to a depth of at least 8 inches over the entire disposal and fill extension area to prevent glazing and to promote fill bonding. Place fill in loose layers no deeper than 8 inches and compact thoroughly before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage). Do not use wheeled equipment on the scarified soil area until after 12 inches of fill is in place. Keep equipment off plastic chambers, leaching pipe or In-drains. Divert the surface water away from the disposal area by ditching or shallow swales.

11). Unless noted otherwise, fill shall be gravelly coarse sand, which contains no more than 5 % fines (silt and clay).

12). Do not install systems on loamy, silty, or clayey soils during wet periods since soil smearing/glazing may seal off the soil interface.

13). Seed all filled and disturbed surfaces with perennial grass seed, then mulch with hay or equivalent material to prevent erosion.