

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, SHS 10
(207) 287-5672 Fax (207) 287-3165

PROPERTY LOCATION		>> Caution Permit Required -- Attach in Space Below <<	
Civ. Town, Station	AUGUSTA	AUGUSTA Date Permit Issued: <u>8/9/03</u> Local Plumbing Inspector Signature: <u>[Signature]</u> 5147 TOWN COPY \$ <u>120.00</u> FEE <input type="checkbox"/> If Double Fee Charged L.P.I. # <u>[Signature]</u>	
Street or Road	Hayden Rd. (63)		
Subdivision, Lot #			
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	Rollins Linda L. <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant		
Mailing Address of Owner/Applicant	63 Hayden Rd. Augusta, Me. 04330		
Daytime Tel. #	622-3338	Municipal Tax Map # <u>73</u> Lot # <u>4</u>	
Owner or Applicant Statement		Caution: Inspection Required	
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.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.	
<u>Linda Louise Rollins</u> 8/9/03 Signature of Owner or Applicant Date		(1st) Date Approved	
		Local Plumbing Inspector Signature (2nd) Date Approved	

PERMIT INFORMATION		
TYPE OF APPLICATION <input type="checkbox"/> 1. First Time System <input checked="" type="checkbox"/> 2. Replacement System Type Replaced: <u>Trench</u> Year Installed: <u>1940's</u> <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> Major Expansion <input type="checkbox"/> Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input 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 checked="" type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input checked="" type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Approval	DISPOSAL SYSTEM COMPONENTS <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 checked="" type="checkbox"/> 5. Holding Tank, <u>1500</u> gallons <input 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
SIZE OF PROPERTY <u>7500</u> <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> acres	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No of bedrooms: <u>2</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: _____ (specify) Current Use: <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY <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: _____
SHORELAND ZONING <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <input type="checkbox"/> 1. Concrete <u>1500</u> <input type="checkbox"/> a. Regular <u>8911</u> <input type="checkbox"/> b. Low profile <input type="checkbox"/> 2. Plastic <u>CONC.</u> <input type="checkbox"/> 3. Other: <u>HOLDING</u> CAPACITY <u>TANK</u> gallons	DISPOSAL FIELD TYPE & SIZE <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: <u>N/A</u> SIZE _____ <input type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <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	DESIGN FLOW <u>180</u> gallons per day BASED ON: <input type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input type="checkbox"/> 2. Table 502.2 (other facilities) SHOW CALCULATIONS -- for other facilities --
SOIL DATA & DESIGN CLASS PROFILE CONDITION DESIGN <u>N/A</u> at Observation Hole # _____ Depth _____" Elevation _____" OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Small -- 2.0 sq. ft./gpd <input type="checkbox"/> 2. Medium -- 2.6 sq. ft./gpd <input 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	EFFLUENT/EJECTOR PUMP <input type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May Be Required <input type="checkbox"/> 3. Required <u>N/A</u> Specify only for engineered systems: DOSE: _____ gallons	<input type="checkbox"/> 3. Section 503.0 (meter readings) ATTACH WATER-METER DATA

SITE EVALUATOR STATEMENT		
I certify that on <u>8/6/03</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>David P. Rochove</u> Site Evaluator Signature	<u>154</u> SE #	<u>8/9/03 Revised Date</u> Date
<u>David P. Rochove</u> Site Evaluator Name Printed	<u>622-7087</u> Telephone #	

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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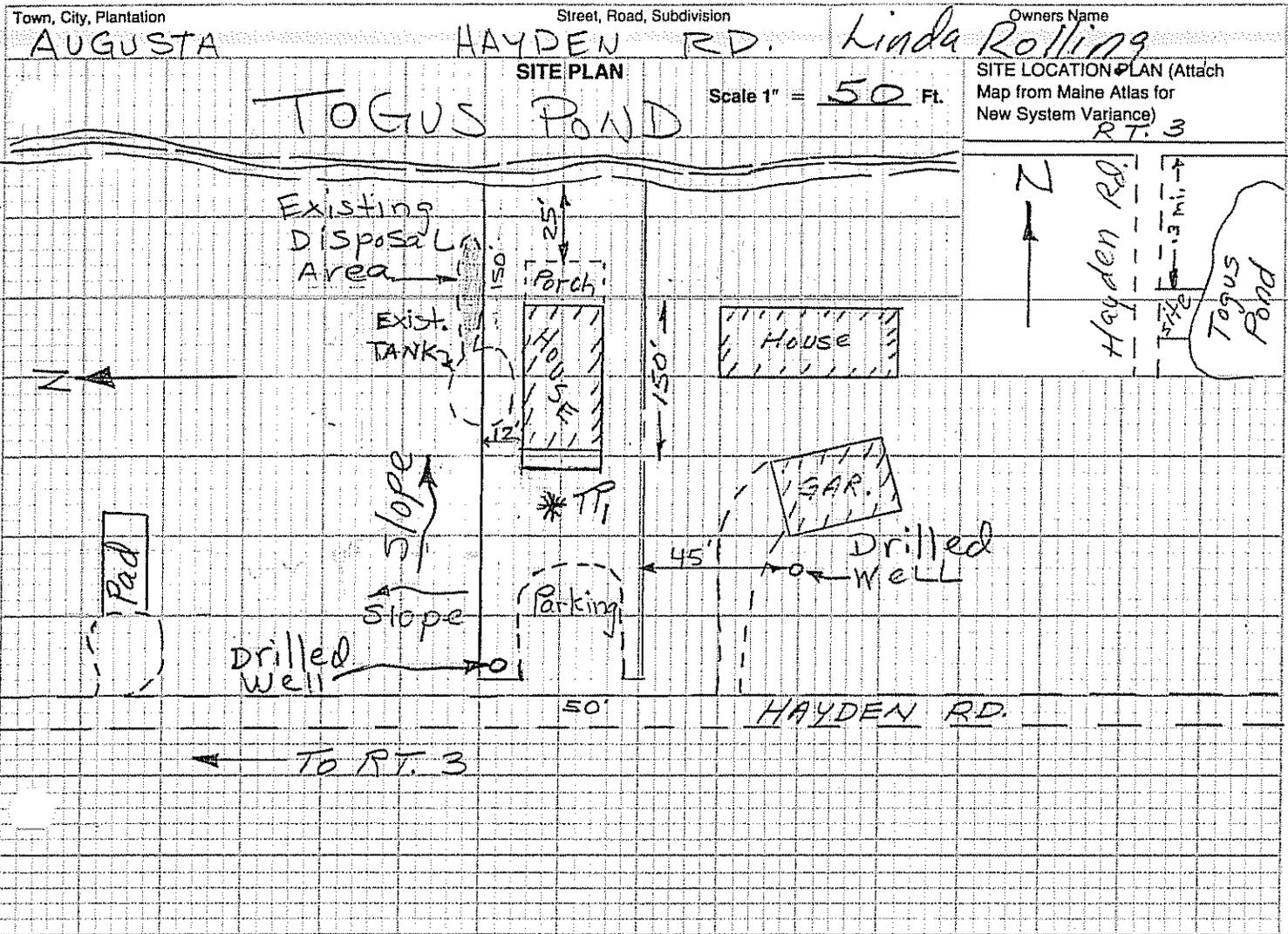
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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering



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

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

Observation Hole TP Test Pit Boring

Observation Hole Test Pit Boring

0" Depth of Organic Horizon Above Mineral Soil

0" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0-6	Gravel	Frangible	Brown	Mixing
6-15	Fill			
15-40	owner claims 4'+ of gravel fill over wet original ground. Shovel hole did not get to original Gd.			

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0-15	Too Close to			
15-40	Neighbors Well			

Soil Classification: **Fill over E**
Slope: **0%**
Limiting Factor: **?**

Soil Classification:
Slope:
Limiting Factor:

David P. Rocare
Site Evaluator Signature

154
SE#

8/6/88
Date

Revised 8/9/03
Page 2 of 3
HHE-200 Rev.1/84



1. The first part of the document
 discusses the general principles
 of the system. It covers the
 basic concepts and the overall
 structure of the system.

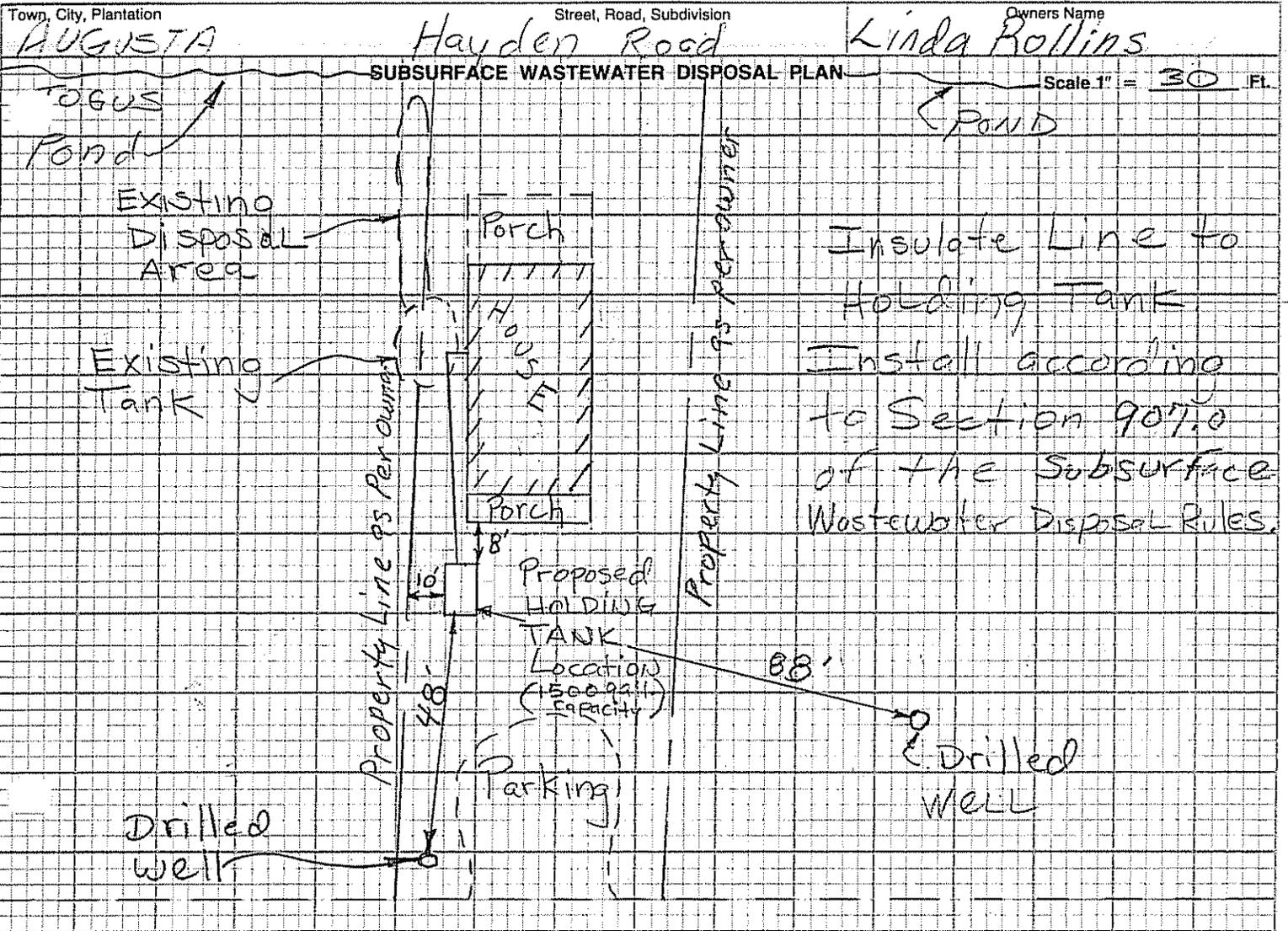
2. The second part of the document
 describes the implementation details.
 It provides a detailed overview
 of the system's architecture and
 the various components involved.

3. The third part of the document
 focuses on the system's performance.
 It includes a detailed analysis of
 the system's efficiency and the
 results of various tests conducted.

4. The fourth part of the document
 discusses the system's security.
 It outlines the measures taken to
 protect the system from unauthorized
 access and data breaches.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering



FILL REQUIREMENTS

Depth of Fill (Upslope) N/A"
 Depth of Fill (Downslope) N/A"

CONSTRUCTION ELEVATIONS

Reference Elevation is N/A"
 Bottom of Disposal Area N/A"
 Top of Distribution Lines or Chambers N/A"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

N/A

DISPOSAL AREA CROSS SECTION

Scale:
 Vertical: 1 inch = Ft.
 Horizontal: 1 inch = Ft.

N/A

NOTE: Holding Tank must have an audible & visible Alarm to warn of need for pumping. Low volume flush required and water conservation devices are recommended. Clothes washing should be done off-site.

David P. Roogue
 Site Evaluator Signature

154
 SE#

8/6/88
 Date

Revised
8/19/03
 Page 3 of 3
 HHE-200 Rev. 1/84

REPLACEMENT SYSTEM VARIANCE REQUEST

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application (HHE-200) for the proposed replacement system which requires a variance to the Rules. The LPI shall review the Replacement System Variance Request an HHE-200 and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System as defined in the Rules (Sec. 2006)
2. There will be no change in use of the structure except as authorized for one-time exempted expansions outside the shoreland zone of major waterbodies/courses.
3. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.
4. The BOD5 plus S.S. content of the wastewater is no greater than that of normal domestic effluent.

GENERAL INFORMATION		Town of <u>AUGUSTA</u>
Permit No. _____	Date Permit Issued _____	
Property Owner's Name: <u>Linda Rollins</u>	Tel. No.: <u>622-3338</u>	
System's Location: <u>63 Hayden Road</u>		
Property Owner's Address: <u>Augusta, Maine 04330</u>		
(if different from above) <u>Same</u>		

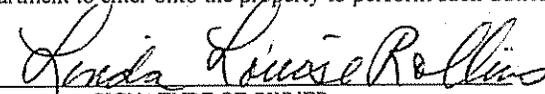
SPECIFIC INSTRUCTIONS TO THE:
LOCAL PLUMBING INSPECTOR (LPI):
 If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, then you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:
 If after completing the Application, you find that a variance for the proposed replacement system is needed, complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:
 If has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

PROPERTY OWNER

I understand that the proposed system requires a variance to the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.


 SIGNATURE OF OWNER

8/9/03
 DATE

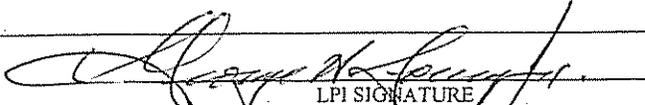
LOCAL PLUMBING INSPECTOR

I, George H. Sweeney Sr., the undersigned, have visited the above property and have determined to the best of my knowledge that it cannot be installed in compliance with the Rules. As a result of my review of the Replacement Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant. --OR--

b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend, do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, the reasons shall be stated in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: _____


 LPI SIGNATURE

8/12/03
 DATE

HHE-204 Rev 10/02

FORMS

Replacement System Variance Request

VARIANCE CATEGORY	LIMIT OF LPI'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:	
	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
From	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	To	To
SOILS								
Soil Profile	Ground Water Table			to 7"				inches
Soil Condition	Restrictive Layer			to 7"				inches
from HHE-200	Bedrock			to 12"				inches
SETBACK DISTANCES (in feet)								
Wells with water usage of 2000 or more gpd or public water supply wells	300 ft [a]	300 ft [a]	300 ft [a]	100 ft [a]	100 ft [a]	100 ft [a]		
Owner's wells	100 down to 60 ft	200 down to 100 ft	300 down to 150 ft	100 down to 50 ft [b]	100 down to 50 ft	100 down to 50 ft		48'
Neighbor's wells	100 down to 60 ft [b]	200 down to 120 ft [b]	300 down to 180 ft [b]	100 down to 50 ft [b]	100 down to 75 ft [b]	100 down to 75 ft [b]		88'
Water supply line	10 ft [a]	20 ft [a]	25 ft [a]	10 ft [a]	10 ft [a]	10 ft [a]		
Water course, major - for replacements only, see Table 400.4 for major expansions	100 down to 60 ft	200 down to 120 ft	300 down to 180 ft	100 down to 50 ft	100 down to 50 ft	100 down to 50 ft		90'
Water course, minor	50 down to 25 ft	100 down to 50 ft	150 down to 75 ft	50 down to 25 ft	50 down to 25 ft	50 down to 25 ft		
Drainage ditches	25 down to 12 ft	50 down to 25 ft	75 down to 35 ft	25 down to 12 ft	25 down to 12 ft	25 down to 12 ft		
Edge of fill extension -- Coastal wetlands, special freshwater wetlands, great ponds, rivers, streams	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]		
Slopes greater than 3:1	10 ft	18 ft	25 ft	N/A	N/A	N/A		
No full basement [e.g. slab, frost wall, columns]	15 down to 7 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		
Full basement [below grade foundation]	20 down to 10 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		14'
Property lines	10 down to 5 ft [c]	18 down to 9 ft [c]	20 down to 10 ft [c]	10 down to 4 ft [c]	15 down to 7 ft [c]	20 down to 10 ft [c]		
Burial sites or graveyards, measured from the down toe of the fill extension	25 ft	25 ft	25 ft	25 ft	25 ft	25 ft		

holding

OTHER

1. Fill extension Grade - to 3:1

2.

3.

Footnotes: [a.] Single-family well setbacks may be reduced as prescribed in Section 701.2.

[b.] This distance may be reduced to 25 feet, if the septic or holding tank is tested in the plumbing inspector's presence and shown to be watertight or of monolithic construction.

[c.] Additional setbacks may be needed to prevent fill material extensions from encroaching onto abutting property.

[d.] Additional setbacks may be required by local Shoreland zoning.

[e.] Natural Resource Protection Act requires a 25 feet setback, on slopes of less than 20%, from the edge of soil disturbance and 100 feet on slopes greater than 20%. See Chapter 15.

[f.] May not be any closer to neighbors well than the existing disposal field or septic tank unless written permission is granted by the neighbor. This setback may be reduced for single family houses with Department approval. See Section 702.3.

[g.] The fill extension shall reach the existing ground before the 3:1 slope or within 100 feet of the disposal field.

[h.] See Section 1402.10 for special procedures when these minimum setbacks cannot be achieved.

David P. Roegner

 SITE EVALUATOR'S SIGNATURE

8/9/03

 DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (does does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

 SIGNATURE OF THE DEPARTMENT

 DATE

APPLICATION/AGREEMENT for HOLDING TANK INSTALLATION

PROPERTY OWNER INFORMATION

Name Mr & Mrs Daniel Rollins
Mailing Address 63 Hayden Rd
City/Town Augusta, State Me. Zip 04330
Daytime telephone number 207-622-3338

PROPERTY LOCATION

Street, Road, Route 63 Hayden Rd.
City/Town Augusta, Zip Me 04330

APPLICATION FOR (check one)

- First Time Installation (If this is checked, give Town's Ordinance adoption date 1 1)
- First Time Installation, non-residential only, less than 100 gpd or 500 gal/week
- Replacing an existing overboard discharge, surface wastewater discharge or malfunctioning subsurface wastewater system
- Replacing an existing holding tank

CONDITIONS FOR APPROVAL

- * The installation of a conventional disposal system is not possible due to unacceptable site and/or soil conditions, lot configuration, or other constraints
- * Public sewer is not available.
- * All existing or proposed plumbing fixtures shall be installed or modified for water conservation and all water closets shall meet the Federal standard of 1.6 gallons per flush.

REQUIREMENTS FOR APPROVAL

- A Completed Application shall consist of:
 - * This form (HHE-304) completed with all signatures.
 - * A completed *Subsurface Wastewater Disposal System Application* (HHE-200) prepared by a Licensed Site Evaluator.

PROPERTY OWNER INFORMATION AND REQUIREMENTS

- I (we), Linda L. Rollins own the property described in this Application/Agreement.
1. Holding tanks require regular pumping by a licensed pumper. The owner must pay this service.
 2. The holding tank will be pumped at least once a year by the pumper listed on this application. Another pumper may be used if the listed pumper is notified and the LPI approves the change. The new pumper will then be listed on an attachment to this agreement.
 3. A water meter shall be installed at the owner's expense if required by the LPI.
 4. All records of pumping and water use (if required) must be kept for at least three years and shall be made available to the LPI or other official if requested.
 5. A holding tank for new construction can only be replaced by a system meeting first time system requirements.
 6. Once approved this form must be recorded at the Registry of Deeds, cross referenced to the owner's deed.
 7. We agree to comply with any additional requirements of the Town.

We state that all the information presented with this application is true and accurate, we acknowledge the foregoing items and agree to comply with all the requirements.

Property Owner(s) Signature Linda Louise Rollins Date 8-11-03
Property Owner(s) Signature Daniel J. Rollins Date 8-11-03

Application/Agreement for Holding Tank Installation

Owner Mr & Mrs Daniel Rollins Property Location 63 Haystack Road

SITE EVALUATION STATEMENT

I, David P. Rocque, state that I have evaluated the subject property and found that a subsurface wastewater disposal system is not practical. Secondly, I have completed a Subsurface Wastewater Disposal System Application (HHE-200) proposing a holding tank installation for the property's wastewater disposal.

Site Evaluator's Signature David P. Rocque Date 8/11/03

HOLDING TANK PUMPER INFORMATION

Business owner's name Cecene Duke License # S6001
Business name Pat Jackson Inc.
Mailing address 32 Stony Brook Rd
City Chequamegon State Me Zip 04330
Business telephone 207-673-3723
Max. truck hauling capacity 4000 gallons
Can pump: seasonally year round
DEP licensed disposal site location Belgrade ME Site # S6001

HOLDING TANK PUMPER STATEMENT

I, Cecene Duke, own and operate a septage pumping business named in this Application/Agreement, and have contracted with the property owner(s) to pump and properly dispose of the tank's waste. I further state that the tank, and that the wastewater will be disposed of at a Department of Environmental Protection licensed disposal location.

Holding Tank Pumper's Signature Cecene Duke Date 8-11-03

Municipal Officers Statement

- I (we) have reviewed the information submitted in support of this application.
- I (we) find that the installation of the holding tank will not violate any local ordinances.
- I (we) will authorize the LPI to enforce the requirements of this agreement, the Subsurface Wastewater Disposal Rules and any local ordinances, including recordkeeping and required pumping.
- I (we) recommend that the LPI issue the necessary permits for the installation of the holding tank.

Signature [Signature] Title City Clerk Date 8/12/03
Signature _____ Title _____ Date _____
Signature _____ Title _____ Date _____

Local Plumbing Inspector's Statement

I have reviewed this application and find that the issuance of a permit for the holding tank complies with the Subsurface Wastewater Disposal Rules and all pertinent local ordinances.

Additional Requirements: N/A

Signature [Signature] Date 8/12/03

REPLACEMENT SYSTEM VARIANCE REQUEST

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

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3. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.
4. The BOD5 plus S.S: content of the wastewater is no greater than that of normal domestic effluent.

GENERAL INFORMATION		Town of <u>AUGUSTA</u>
Permit No. <u>5147</u>		Date Permit Issued <u>8/19/03</u>
Property Owner's Name: <u>Linda Rollins</u>		Tel. No.: <u>622-3338</u>
System's Location: <u>63 Hayden Road</u>		
Property Owner's Address: <u>Augusta, Maine 04330</u>		
(if different from above) <u>SAME</u>		

**SPECIFIC INSTRUCTIONS TO THE:
LOCAL PLUMBING INSPECTOR (LPI):**

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Linda Louise Rollins
SIGNATURE OF OWNER

8/9/03
DATE

LOCAL PLUMBING INSPECTOR

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a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant. --OR--

b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend, do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, the reasons shall be stated in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: _____

George D. Soucy Sr.
LPI SIGNATURE

8/12/03
DATE

FORMS

Replacement System Variance Request

VARIANCE CATEGORY	LIMIT OF LPI'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:	
SOILS								
Soil Profile	Ground Water Table			to 7"				inches
Soil Condition	Restrictive Layer			to 7"				inches
from HHE-200	Bedrock			to 12"				inches
SETBACK DISTANCES (in feet)	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
From	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	To	To
Wells with water usage of 2000 or more gpd or public water supply wells	300 ft [a]	300 ft [a]	300 ft [a]	100 ft [a]	100 ft [a]	100 ft [a]		
Owner's wells	100 down to 60 ft	200 down to 100 ft	300 down to 150 ft	100 down to 50 ft [b]	100 down to 50 ft	100 down to 50 ft		48'
Neighbor's wells	100 down to 60 ft [b]	200 down to 120 ft [b]	300 down to 180 ft [b]	100 down to 50 ft [b]	100 down to 75 ft [b]	100 down to 75 ft [b]		38'
Water supply line	10 ft [a]	20 ft [a]	25 ft [a]	10 ft [a]	10 ft [a]	10 ft [a]		
Water course, major - for replacements only, see Table 400.4 for major expansions	100 down to 60 ft	200 down to 120 ft	300 down to 180 ft	100 down to 50 ft	100 down to 50 ft	100 down to 50 ft		90'
Water course, minor	50 down to 25 ft	100 down to 50 ft	150 down to 75 ft	50 down to 25 ft	50 down to 25 ft	50 down to 25 ft		
Drainage ditches	25 down to 12 ft	50 down to 25 ft	75 down to 35 ft	25 down to 12 ft	25 down to 12 ft	25 down to 12 ft		
Edge of fill extension - Coastal wetlands, special freshwater wetlands, great ponds, rivers, streams	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]		
Slopes greater than 3:1	10 ft	18 ft	25 ft	N/A	N/A	N/A		
No full basement [e.g. slab, frost wall, columns]	15 down to 7 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		
Full basement [below grade foundation]	20 down to 10 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		14'
Property lines	10 down to 5 ft [c]	18 down to 9 ft [c]	20 down to 10 ft [c]	10 down to 4 ft [c]	15 down to 7 ft [c]	20 down to 10 ft [c]		
Burial sites or graveyards, measured from the down toe of the fill extension	25 ft	25 ft	25 ft	25 ft	25 ft	25 ft		
OTHER								
1. Fill extension Grade - to 3:1								
2.								
3.								

holding

- Footnotes: [a.] Single-family well setbacks may be reduced as prescribed in Section 701.2.
 [b.] This distance may be reduced to 25 feet, if the septic or holding tank is tested in the plumbing inspector's presence and shown to be watertight or of monolithic construction.
 [c.] Additional setbacks may be needed to prevent fill material extensions from encroaching onto abutting property.
 [d.] Additional setbacks may be required by local Shoreland zoning.
 [e.] Natural Resource Protection Act requires a 25 feet setback, on slopes of less than 20%, from the edge of soil disturbance and 100 feet on slopes greater than 20%. See Chapter 15.
 [f.] May not be any closer to neighbors well than the existing disposal field or septic tank unless written permission is granted by the neighbor. This setback may be reduced for single family houses with Department approval. See Section 702.3.
 [g.] The fill extension shall reach the existing ground before the 3:1 slope or within 100 feet of the disposal field.
 [h.] See Section 1402.10 for special procedures when these minimum setbacks cannot be achieved.

David P. Roque
 SITE EVALUATOR'S SIGNATURE

8/9/03
 DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and does does not give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

Linda Robinson
 SIGNATURE OF THE DEPARTMENT

8/14/03
 DATE



ELIAS BALDACCI
GOVERNOR

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
DIVISION OF HEALTH ENGINEERING
11 STATE HOUSE STATION
OFFICE: 161 CAPITOL STREET
AUGUSTA, MAINE
04333-0011

August 14, 2003

Linda Rollins
63 Hayden Road
Augusta ME 04330

Subject: Approval, Replacement System Variance Request and Holding Tank Application, Rollins property, 63 Hayden Road, Augusta

Dear Ms. Rollins:

The Division has reviewed a Replacement System Variance Request for the subject property. The proposal is to install a replacement septic system to serve an existing two-bedroom single-family dwelling. The state variance requested is to allow the installation of a holding tank with a setback distance reduction from the owner's well to the disposal field of 48 feet. Other variances required are setback distance reductions from a neighbor's well of 88 feet; major watercourse of 90 feet; and full basement of 14 feet. The system design, prepared by David Rocque, SE, dated August 9, 2003, is found to be in compliance with the Maine Subsurface Wastewater Disposal Rules.

We approve the requested variance with the following requirements:

1. A permit for the installation of the holding tank shall be obtained from the Local Plumbing Inspector in advance of the start of system construction.
2. The holding tank shall be installed in accordance with the submitted and approved system design. Should alterations be required at the time of system installation, the system designer must be notified prior to making any changes.
3. The 1500-gallon holding tank shall be equipped with audible and visual alarms and shall serve a two-bedroom single-family dwelling only. There shall be no additional bedrooms or structures connected to the holding tank. It is strongly recommended that there shall be no clothes washer connected to the holding tank.
4. The enclosed Holding Tank Deed Covenant shall be completed and filed at the County Registry of Deeds, cross-referenced to the subject property's deed. The covenant restricts the property to a two-bedroom single-family dwelling with a strong recommendation there be no clothes washer.
5. The variance approval is based only on the rules administered by this department. The approval of the variance request does not relieve the property owner from compliance with all other state and local requirements pertaining to the installation, use, and operation of the wastewater disposal system.

By accepting this approval and the associated plumbing permit, the owner agrees to comply fully with the conditions of approval and the Subsurface Wastewater Disposal Rules.

Because installation and owner maintenance has a significant effect on the working order of onsite sewage disposal systems, including their components, the Division makes no representation or guarantee as to the efficiency and/or operation of the system.

Should you or others have any questions regarding this review and/or approval, please feel free to contact me at 287-5687.

Sincerely,

Linda Robinson, Environmental Specialist II
Wastewater and Plumbing Control Program
Division of Health Engineering
E-mail: linda.robinson@maine.gov

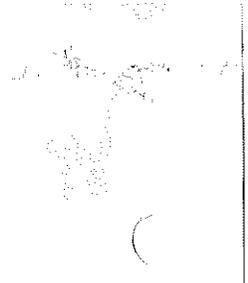


/lsr
xc: George Soucy Jr., LPI
David Rocque, SE

PHONE: (207) 287-5338

TTY: 207-287-2070

FAX: (207) 287-4172



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JOHN ELIAS BALDACCI
GOVERNOR

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
DIVISION OF HEALTH ENGINEERING
11 STATE HOUSE STATION
OFFICE: 161 CAPITOL STREET
AUGUSTA, MAINE
04333-0011

August 14, 2003

Linda Rollins
63 Hayden Road
Augusta ME 04330

Subject: Approval, Replacement System Variance Request and Holding Tank Application, Rollins property, 63 Hayden Road, Augusta

Dear Ms. Rollins:

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2. The holding tank shall be installed in accordance with the submitted and approved system design. Should alterations be required at the time of system installation, the system designer must be notified prior to making any changes.
3. The 1500-gallon holding tank shall be equipped with audible and visual alarms and shall serve a two-bedroom single-family dwelling only. There shall be no additional bedrooms or structures connected to the holding tank. It is strongly recommended that there shall be no clothes washer connected to the holding tank.
4. The enclosed Holding Tank Deed Covenant shall be completed and filed at the County Registry of Deeds, cross-referenced to the subject property's deed. The covenant restricts the property to a two-bedroom single-family dwelling with a strong recommendation there be no clothes washer.
5. The variance approval is based only on the rules administered by this department. The approval of the variance request does not relieve the property owner from compliance with all other state and local requirements pertaining to the installation, use, and operation of the wastewater disposal system.

By accepting this approval and the associated plumbing permit, the owner agrees to comply fully with the conditions of approval and the Subsurface Wastewater Disposal Rules.

Because installation and owner maintenance has a significant effect on the working order of onsite sewage disposal systems, including their components, the Division makes no representation or guarantee as to the efficiency and/or operation of the system.

Should you or others have any questions regarding this review and/or approval, please feel free to contact me at 287-5687.

Sincerely,

Linda Robinson, Environmental Specialist II
Wastewater and Plumbing Control Program
Division of Health Engineering
E-mail: linda.robinson@maine.gov



PRINTED ON RECYCLED PAPER

/lsr
xc: George Soucy Jr., LPI
David Rocque, SE

PHONE: (207) 287-5338

TTY: 207-287-2070

FAX: (207) 287-4172



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JOHN ELIAS BALDACCI
GOVERNOR

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
DIVISION OF HEALTH ENGINEERING
11 STATE HOUSE STATION
OFFICE: 161 CAPITOL STREET
AUGUSTA, MAINE
04333-0011

HOLDING TANK DEED COVENANT FORM

Property Owner: Complete and record this form with your County Registry of Deeds. Then forward a copy of the recorded deed covenant to the your municipality's Local Plumbing Inspector.

County Registrar: Please cross-reference this document with book and page no.

Property Owner Statement: I(we), Mr. & Mrs. Daniel Rollins are the owner(s) of the property located at 63 Hayden Road (street) in Augusta (town).

The property's deed is recorded in book no. 1620, page no. 125.

We state that the holding tank installation for the aforementioned property received approval by the town/city of Augusta and its officials.

Stipulations of Covenant:

1. The 1500-gallon holding tank shall be equipped with audible and visual alarms and shall receive wastewater from a two-bedroom single-family dwelling only.
2. There shall be no additional bedrooms or structures connected to the holding tank.
3. All fixtures and toilets within the structure shall be low-flow, water-conserving fixtures.
4. It is strongly recommended there be no clothes washer connected to the holding tank.

Municipal Approval Conditions: This approval has been granted subject to the implementation of the above conditions and said approval will become null and void if the required and stated conditions of approval are violated.

Property Owner signature(s) _____

State of Maine

County _____, ss Date _____

Then personally appeared the above named _____ (and) _____ and (severally) acknowledged the foregoing instrument to be his (or their) free act and deed.

Before me _____
Justice of the Peace or Notary Public

HHE-300 Rev. 3/97



PRINTED ON RECYCLED PAPER



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FORMS

Replacement System Variance Request

VARIANCE CATEGORY	LIMIT OF LPP'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:	
	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
SOILS								
Soil Profile	Ground Water Table			to 7"			inches	
Soil Condition	Restrictive Layer			to 7"			inches	
from HHE-200	Bedrock			to 12"			inches	
SETBACK DISTANCES (in feet)	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
From	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	To	To
Wells with water usage of 2000 or more gpd or public water supply wells	300 ft [a]	300 ft [a]	300 ft [a]	100 ft [a]	100 ft [a]	100 ft [a]		
Owner's wells	100 down to 60 ft	200 down to 100 ft	300 down to 150 ft	100 down to 50 ft [b]	100 down to 50 ft	100 down to 50 ft		48'
Neighbor's wells	100 down to 60 ft [b]	200 down to 120 ft [b]	300 down to 180 ft [b]	100 down to 50 ft [b]	100 down to 75 ft [b]	100 down to 75 ft [b]		88'
Water supply line	10 ft [a]	20 ft [a]	25 ft [a]	10 ft [a]	10 ft [a]	10 ft [a]		
Water course, major - for replacements only, see Table 400.4 for major expansions	100 down to 60 ft	200 down to 120 ft	300 down to 180 ft	100 down to 50 ft	100 down to 50 ft	100 down to 50 ft		90'
Water course, minor	50 down to 25 ft	100 down to 50 ft	150 down to 75 ft	50 down to 25 ft	50 down to 25 ft	50 down to 25 ft		
Drainage ditches	25 down to 12 ft	50 down to 25 ft	75 down to 35 ft	25 down to 12 ft	25 down to 12 ft	25 down to 12 ft		
Edge of fill extension -- Coastal wetlands, special freshwater wetlands, great ponds, rivers, streams	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]		
Slopes greater than 3:1	10 ft	18 ft	25 ft	N/A	N/A	N/A		
Full basement [e.g. slab, frost wall, mns]	15 down to 7 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		
Partial basement [below grade foundation]	20 down to 10 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		14'
Property lines	10 down to 5 ft [c]	18 down to 9 ft [c]	20 down to 10 ft [c]	10 down to 4 ft [c]	15 down to 7 ft [c]	20 down to 10 ft [c]		
Burial sites or graveyards, measured from the down toe of the fill extension	25 ft	25 ft	25 ft	25 ft	25 ft	25 ft		
OTHER								
1. Fill extension Grade - to 3:1								
2.								
3.								

holding

David P. Rocque
 SITE EVALUATOR'S SIGNATURE

8/9/03
 DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and does does not give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

Linda Robinson
 SIGNATURE OF THE DEPARTMENT

8/14/03
 DATE

#758316321



JOHN ELIAS BALDACCI
GOVERNOR

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
DIVISION OF HEALTH ENGINEERING
11 STATE HOUSE STATION
OFFICE: 161 CAPITOL STREET
AUGUSTA, MAINE
04333-0011

HOLDING TANK DEED COVENANT FORM

029687

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County Registrar: Please cross-reference this document with book and page no.

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2. There shall be no additional bedrooms or structures connected to the holding tank.
3. All fixtures and toilets within the structure shall be low-flow, water-conserving fixtures.
4. It is strongly recommended there be no clothes washer connected to the holding tank.

Municipal Approval Conditions: This approval has been granted subject to the implementation of the above conditions and said approval will become null and void if the required and stated conditions of approval are violated.

Property Owner signature(s)

Linda Louise Rollins
Daniel Joseph Rollins

State of Maine

County Kennebec, ss

Date 8/22/2003

Then personally appeared the above named Linda L Rollins (and)

Daniel J Rollins and (severally) acknowledged the foregoing instrument to be his (or their) free act and deed.

Before me

Mary Anne McCullough
Justice-of-the-Peace or Notary Public



MARY ANNE McCULLOUGH
Notary Public, Maine
My Commission Expires August 3, 2004 HHE-300 Rev. 3/97

RECEIVED KENNEBEC SS.

2003 AUG 22 AM 10:05



REGISTRY OF DEEDS

TTY: 207-287-2070

Linda Rollins
63 Hayden Rd
Augusta, ME 04330
FAX: (207) 287-4172

PHONE: (207) 287-5338

REGISTER OF DEEDS

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