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**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION** Department of Human Services  
Division of Health Engineering  
(207) 287-5672 FAX (207) 287-4172

**PROPERTY LOCATION**

City, Town or Location: AUGUSTA

Street or Road: RT 105 So. Belfast

Subdivision Lot #: \_\_\_\_\_

AUGUSTA 4435 TOWN COPY

Date Permit Issued: 5/10/00 \$ 120.00  Double Fee Charged

Local Plumbing Inspector Signature: [Signature] L.P.I. # 1409

**OWNER/APPLICANT INFORMATION**

NAME (last, first, MI): POLLIN LUCIEN

MAILING ADDRESS of  OWNER  APPLICANT: RT 7 BOX 2050 AUGUSTA, ME. 04330

Daytime Tel. #: 207-622-9578

Municipal Tax Map # 64 Lot # 15

**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: [Signature] Date: 5-17-00

**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: \_\_\_\_\_ Date Approved: \_\_\_\_\_

**PERMIT INFORMATION**

**TYPE OF APPLICATION:**

1.  First Time System

2.  Replacement System  
Type Replaced: TRENCH  
Year Installed: 1940'S

3.  Expanded System  
 a. one time exempted  
 b. non exempted

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 Approval

**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)

9.  Engineered Treatment Tank (only)

10.  Engineered Disposal Area (only)

11.  Pretreatment, specify: \_\_\_\_\_

12.  Miscellaneous components

**SIZE OF PROPERTY**

9000  sq. ft.  acres

**DISPOSAL SYSTEM TO SERVE:**

1.  Single Family Dwelling Unit  
No. of Bedrooms: 2

2.  Multiple Family Dwelling: Number of Units \_\_\_\_\_

3.  Other: \_\_\_\_\_

Specify \_\_\_\_\_

**TYPE OF WATER SUPPLY**

1.  Drilled Well 2.  Dug Well 3.  Private

4.  Public 5.  Other NOT POTABLE

**SHORELAND ZONING**

Yes  No

**DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)**

**TREATMENT TANK**

1.  Concrete  
 a. Regular  
 b. Low Profile

2.  Plastic

3.  Other \_\_\_\_\_

CAPACITY: 1000 Gallons

**DISPOSAL FIELD TYPE & SIZE**

1.  Stone Bed  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 3.  Maybe

2.  Yes >> Specify one below  
a.  Multi-compartment tank  
b.  Tank 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

3.  Section 503.0 (meter readings)

ATTACH WATER-METER DATA

**SOIL DATA & DESIGN CLASS**

PROFILE: 12/17 CONDITION: C DESIGN: 1/3

at Observation Hole # 1

Depth: 12 Elevation: 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

**PUMPING**

1.  Not required

2.  May Be Required

3.  Required >> Specify Only for Engineered or Experimental Systems

DOSE: \_\_\_\_\_ Gallons

**SITE EVALUATOR'S STATEMENT**

I certify that on 5/15/00 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 CHR 241)

Site Evaluator Signature: [Signature] # 56 Date: 5/15/00

Site Evaluator Name Printed: PAUL A. BEERS Telephone: 207-582-7400

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering  
(207) 287-3672 FAX (207) 287-4172

Town, City, Plantation  
**AUGUSTA**

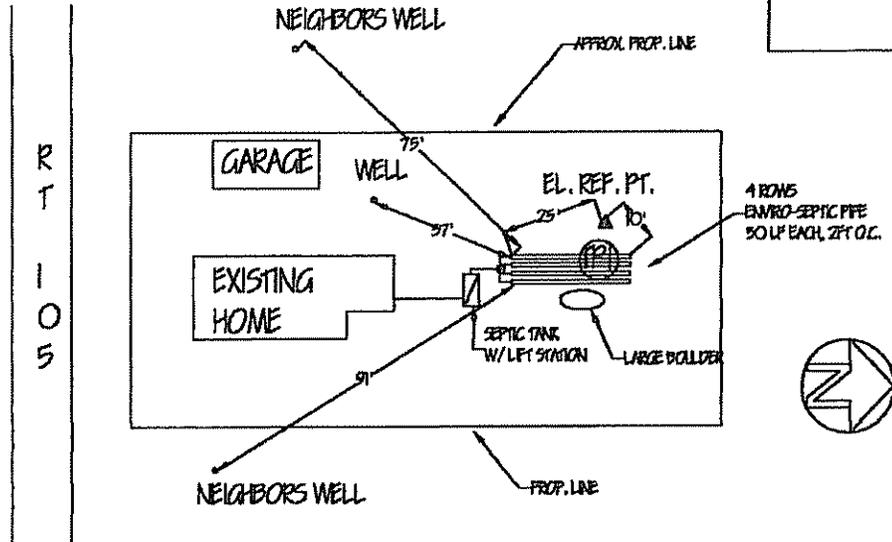
Street, Road Subdivision  
**RTE 105**

Owner's Name  
**LUCIEN POLLIN**

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

**SITE LOCATION PLAN**  
(Map from Maine Atlas recommended)

SEE  
ATTACHED  
MAP



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

Observation Hole TPI Test Pit  Boring   
 Depth of Organic Horizon Above Mineral Soil \_\_\_\_\_

Texture	Consistency	Color	Mottling
GRAV. MED. SAND (FILL)	FRIABLE	DK BRN.	
		OLIVE BRN.	FEW FAINT @ 12"
		OLIVE GRAY	
SL	FIRM		

Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water
12/7	0-4 1/2	12	<input type="checkbox"/> Restrictive Layer
Profile	Condition		<input type="checkbox"/> Bedrock
			<input type="checkbox"/> Pit Depth

Observation Hole \_\_\_\_\_ Test Pit  Boring   
 Depth of Organic Horizon Above Mineral Soil \_\_\_\_\_

Texture	Consistency	Color	Mottling

Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water
	x		<input type="checkbox"/> Restrictive Layer
Profile	Condition		<input type="checkbox"/> Bedrock
			<input type="checkbox"/> Pit Depth

PALL A. BEERS

*Paul A. Beers*

# 56

5/15/00

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

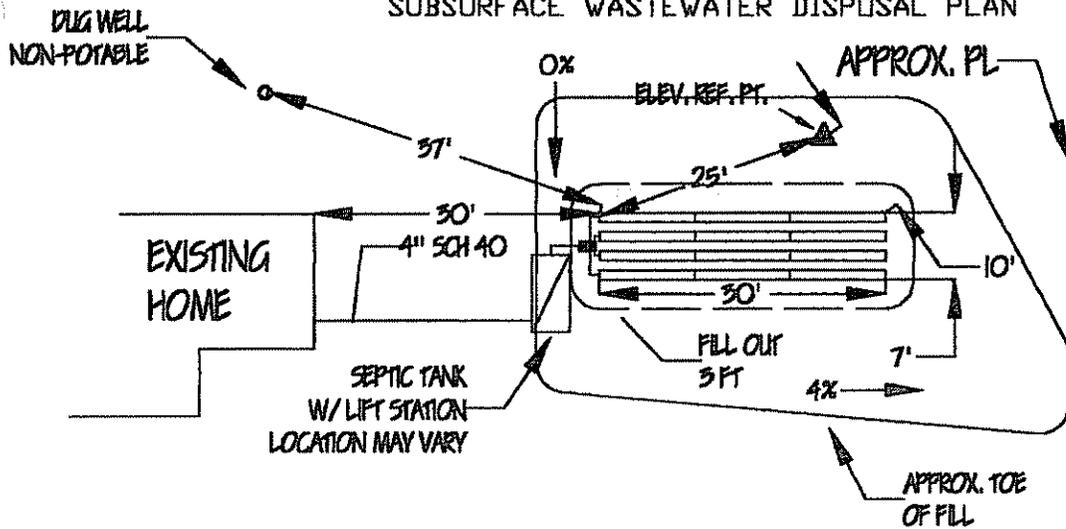
Town, City, Plantation  
**AUGUSTA**

Street, Road, Subdivision  
**RTE 105**

Owner's Name  
**LUCIEN POLLIN**

## SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT



NOTE: THE PROPOSED SYSTEM IS LESS THAN 100' FROM ABUTTORS WELL, BUT IS NO CLOSER THAN EXISTING SYSTEM; SEE PAGE 2 FOR LOCATIONS

### FILL REQUIREMENTS

Depth of Fill (Upslope) 26" - 36"  
 Depth of Fill (Downslope) 26" - 40" + / -

### CONSTRUCTION ELEVATIONS

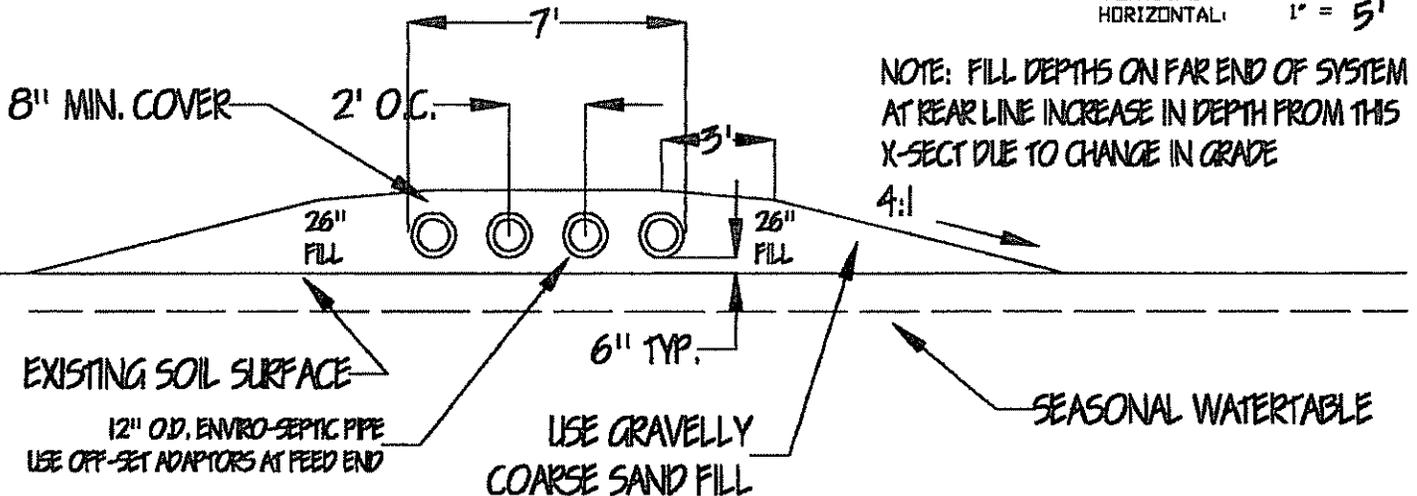
Finished Grade Elevation -30" + / -  
 Top of Distribution Pipe or Proprietary Device -38"  
 Bottom of Disposal Area -50"

### ELEVATION REFERENCE POINT

Location & Description  
**NAIL IN TREE**  
 Reference Elevation 0"

### DISPOSAL AREA CROSS SECTION

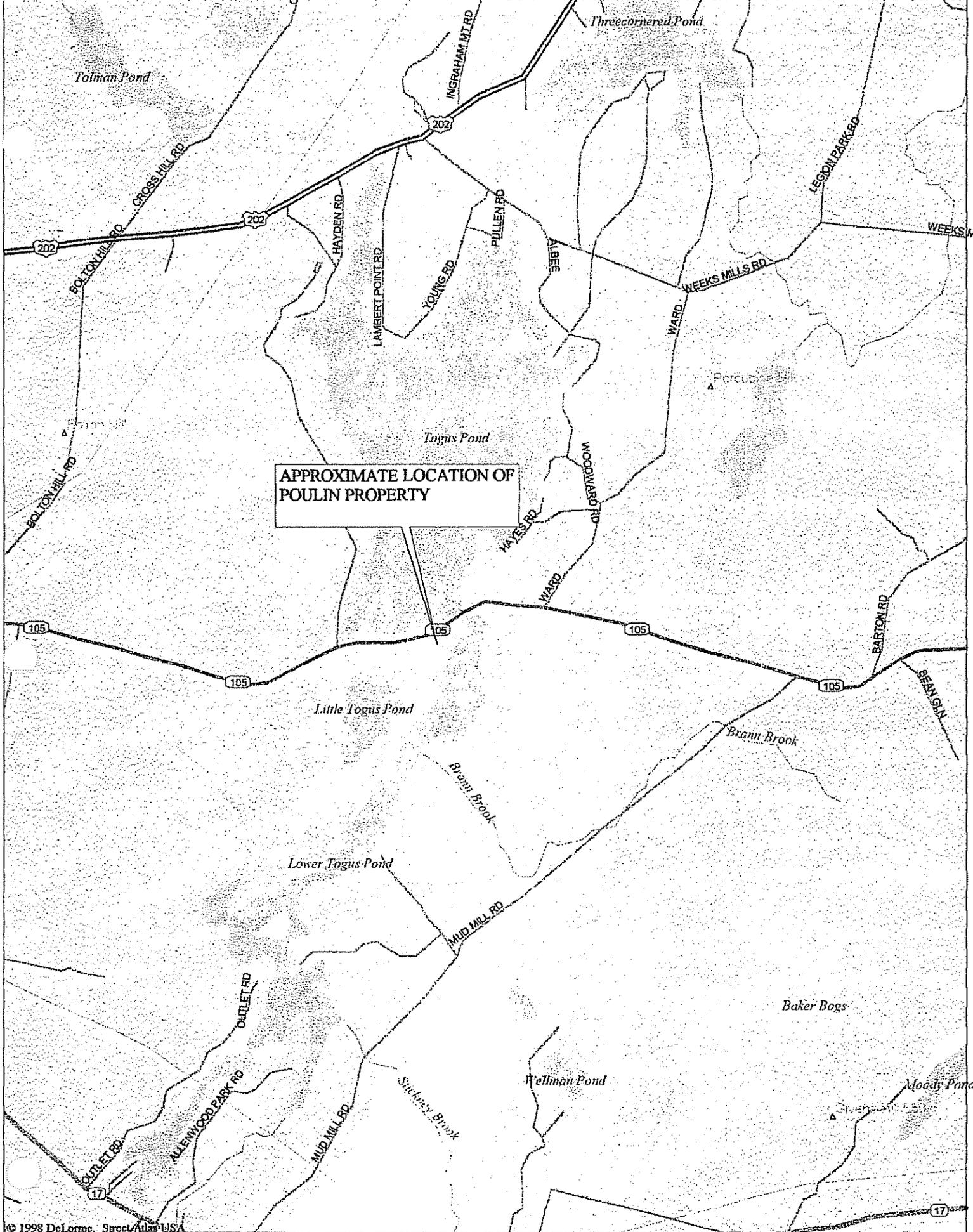
SCALE:  
 VERTICAL: 1" = 5'  
 HORIZONTAL: 1" = 5'



*Paul C. Reus*  
 Site Evaluator Signature

# 56  
 SE #

5/15/00  
 Date



APPROXIMATE LOCATION OF  
POULIN PROPERTY

RECEIVED

MAY 17 2000

## ATTACHMENT FOR HHE-200 FORM

Date : May 14, 2000

Owner / Applicant : LUCIEN POULIN

Town : AUGUSTA

1. All construction shall conform with Title 22 MRSA, §42, 144A CMR "Maine-Subsurface Waste Water Disposal Rules," and all other pertinent sections. The OWNER/APPLICANT is responsible for the contractor installing the proposed septic system correctly and for obtaining all necessary permits. The OWNER/APPLICANT shall carefully examine all documents submitted by the Site Evaluator and shall promptly notify him upon becoming aware of any defects.
2. This disposal system form shall not be transferable and becomes invalid if the authorized work has not commenced within two years after the issue date of the disposal system.
3. The OWNER/APPLICANT shall accurately describe the intended uses (present and future) for the system to the Site Evaluator. Any change from the intended use described on this form requires a new design. Applicability of design must be re-evaluated when location of structures are substantially different than those shown on the site plan or when other structures, additions, or appurtenances (i.e. swimming pools, garbage disposals) are considered. Property lines shown are as provided by the owner, or his agent and no guarantee of accuracy is implied. Actual property lines must be confirmed by boundary survey.

### INSTALLATION REQUIREMENTS

1. **SETBACKS** (under 1000 gpd) - Keep tank and disposal field 100 feet from wells, 50 feet from minor water courses, 100 feet from major water courses, and 10 feet from property lines, unless noted elsewhere on the forms. Septic tanks shall be a minimum of 8 feet from buildings and leach fields shall be 20 feet from buildings with basements and 15 feet from buildings with no full basement.
2. **DRAINAGE** - water runoff and drainage from basements, footings, or roofs shall not drain into the septic system and shall be diverted away from the disposal field.
3. **DISCHARGE** - water softeners, hot tubs etc. shall not discharge into the disposal system but may be discharged into a separate disposal field. No paint, paint thinner, commercial grease and oil, darkroom chemicals, etc. shall be disposed of in the disposal field.
4. **CONDITIONS** - excavations shall not be carried out when the soil moisture content is above the plastic limit. Disposal fields should not be installed in frozen ground or when the ambient air temperature is below freezing.
5. **SITE PREPARATION** - prior to placing backfill material, the vegetation shall be cut and removed. In areas adjacent to water bodies or wetland, erosion and sediment control measures shall be employed. The area under the disposal field and backfill extensions shall be plowed or disked to produce a thoroughly roughened surface to a depth of 6 to 8 inches. Surface water shall be diverted away from the disposal field.
6. **EXCAVATION** - the bottom of the each disposal field shall be installed at the elevation specified on this form. Avoid compaction of both sidewalls and bottom area. Make sure heavy equipment is not driven over the exposed bottom of the disposal field. If any portion of the bottom or sidewalls becomes smeared or compacted, that portion must be scarified to re-open soil pores.
7. **BACKFILLING** - At least 4 inches of cover material, suitable for establishment of a good vegetative cover shall be placed over the entire filled area including the fill material extensions. Backfill material shall be a minimum of 8 inches in thickness and consist of a gravelly coarse sand. Final grading shall be completed so that surface water will not collect over the disposal field. Immediately after completion of final grading, the fill material surface shall be stabilized by mulching and seeding to establish a good vegetative cover to prevent erosion. Grass, clover, trefoil, vetch, perennial wild flowers, or other herbaceous perennials may be utilized for disposal field surfaces. Woody shrubs or trees are unacceptable on disposal field surfaces.
8. **SEPTIC TANK** - The septic tank must be installed level and all joints, inspection covers, etc. must be water tight (the same is necessary for a pump tank if the system requires one). The outlet invert elevation should be equal to or higher than the finish grade of the septic field to avoid flooding of the tank and solids entering the field. Install a Zabel Industries, Inc. filter or equivalent on the outlet end of the septic tank when possible. Provide low profile septic tank when determined as necessary in the field. Septic tanks should be pumped out and checked every three years or more often to prolong the life of the waste water system.
9. **FREEZING** - Protect tanks, force mains, pump stations, D-boxes, etc. from freezing by either adequate ground cover or insulating.
10. The LPI shall inform the owner and designer of any local ordinance exceeding the Rules (Chapter 241) prior to issuing a permit, so that the application may be properly amended to conform to such ordinances if necessary.

# REPLACEMENT SYSTEM VARIANCE REQUEST

FORMS

## 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. 1903)
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 BOD<sub>5</sub> plus S.S. content of the wastewater is no greater than that of normal domestic effluent.

<b>GENERAL INFORMATION</b>	Town of <u>AUGUSTA</u>
Permit No. <u>4433</u>	Date Permit Issued <u>6/26/2000</u>
Property Owner's Name: <u>LUCIEN POULIN</u>	Tel. No.: <u>622-9578</u>
System's Location: <u>RTE 105</u>	
Property Owner's Address: <u>RT. 7 Box 2050</u>	
(If different from above) <u>AUGUSTA, ME. 04330</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.


5-17-00  
 SIGNATURE OF OWNER DATE

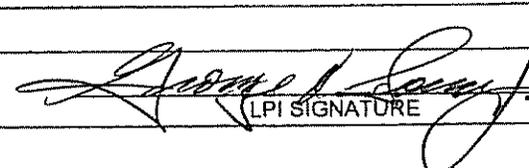
**LOCAL PLUMBING INSPECTOR**

I, George A. Bacitt, 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-

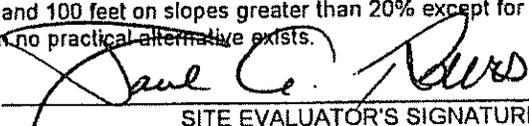
b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (  recommend,  do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, she shall state his reasons in Comments Section below as to why the proposed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

Comments: \_\_\_\_\_


6/19/2000  
 LPI SIGNATURE DATE

HHE-204 Rev 3/97

Replacement System Variance Request

VARIANCE CATEGORY	LIMIT OF LPI'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:	
<b>SOILS</b>								
Soil Profile	Ground Water Table			to 7'			12"	Inches
Soil Condition	Restrictive Layer			to 7'				Inches
from HHE-200	Bedrock			to 12'				Inches
<b>SETBACK DISTANCES (in feet)</b>	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
<b>From</b>	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 <sup>a</sup> ft	300 <sup>a</sup> ft	300 <sup>a</sup> ft	100 <sup>d</sup> ft	100 <sup>d</sup> ft	100 <sup>d</sup> ft		
Owner's wells	100 down to 50 ft	200 down to 100 ft	300 down to 150 ft	100 <sup>d</sup> down to 50 ft	100 down to 50 ft	100 down to 50 ft	37'±	37'±
Neighbor's wells	100 <sup>d</sup> down to 60 ft	200 <sup>d</sup> down to 120 ft	300 <sup>d</sup> down to 180 ft	100 <sup>d</sup> down to 50 ft	100 <sup>d</sup> down to 75 ft	100 <sup>d</sup> down to 75 ft	91'± ±75'	
Water supply line	10 ft <sup>a</sup>	20 ft <sup>a</sup>	25 ft <sup>a</sup>	10 ft <sup>a</sup>	10 ft <sup>a</sup>	10 ft <sup>a</sup>		
Water course, major - for replacements only, see Table 400.4 for exempted expansions	100 down to 50 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		
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 <sup>d</sup>	25 ft <sup>d</sup>	25 ft <sup>d</sup>	25 ft <sup>d</sup>	25 ft <sup>d</sup>	25 ft <sup>d</sup>		
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		
Property lines	10 down to 5 <sup>c</sup> ft	18 down to 9 <sup>c</sup> ft	20 down to 10 <sup>c</sup> ft	10 down to 4 <sup>c</sup> ft	15 down to 7 <sup>c</sup> ft	20 down to 10 <sup>c</sup> ft		
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		
<b>OTHER</b>								
1. Fill extension Grade - to 3:1 ✓ WHERE NECESSARY								
2. * NO CLOSER THAN EXISTING SYSTEM								
3. INSTALL SYSTEM 6" ABOVE OLD FILL (15 YRS)								
Footnotes: a. This setback distance cannot be reduced by the LPI, but may be considered for reduction by State variance. b. Written Permission from the owner of a well is required when a replacement system will be located less than 100 (200 ft. for 1000-2000 gpd or 300 ft. for over 2000 gpd) feet and closer to that well than the system it is replacing. c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope or property line. d. Natural Resources Protection Act requires a 25 foot setback on slopes with less than 20% from the edge of disturbance and 100 feet on slopes greater than 20% except for the repair or installation of a replacement system when no practical alternative exists.								
 SITE EVALUATOR'S SIGNATURE						5/15/00 DATE		
<b>FOR USE BY THE DEPARTMENT ONLY</b>								
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		



STATE OF MAINE  
 DEPARTMENT OF HUMAN SERVICES  
 DIVISION OF HEALTH ENGINEERING  
 10 STATE HOUSE STATION  
 AUGUSTA, MAINE  
 04333-0010

ANGUS S. KING, JR.  
 GOVERNOR

KEVIN W. CONCANNON  
 COMMISSIONER

June 22, 2000

Lucien Poulin  
 Rt 7 Box 2050  
 Augusta ME 04330

Subject: Approval, Replacement System Variance Request, Poulin property, Route 105, Augusta

Dear Mr. Poulin:

The Division has reviewed a Replacement System Variance Request for the subject property. The state variances requested are to allow the installation of a subsurface wastewater disposal system with setback reductions of 37 feet (disposal field), 37 feet (septic tank) to the property owner's well and a reduction in the fill extension grade to 3:1 where necessary. The system design prepared by Paul Beers, SE, dated 5-15-00, is slated to be installed six inches above the old fill material. The property owner's well is stated to be a non-potable water supply. The design is found to be in compliance with the Maine Subsurface Wastewater Disposal Rules.

We approve the requested variances with the following requirements:

1. A permit for system installation is to be obtained from the Local Plumbing Inspector in advance of the start of system construction.
2. The system is to 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 property owner's well is to remain a non-potable water supply. Any drinking water supply well placed on the property must be at least 100 feet from the septic system or comply with the well setback reduction criteria.
4. 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.

RECEIVED

JUN 26 2000

Sincerely,

*Linda S. Robinson*

Linda S. Robinson  
 Wastewater & Plumbing Control Program  
 Division of Health Engineering  
 e-mail: [linda.robinson@state.me.us](mailto:linda.robinson@state.me.us)

/lsr  
 cc:

George Soucy, LPI  
 Paul Beers, SE

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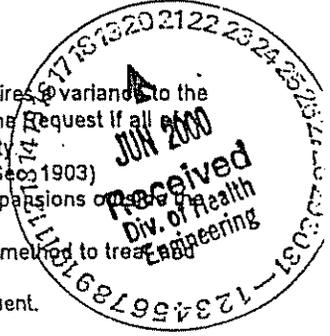
# REPLACEMENT SYSTEM VARIANCE REQUEST

FORMS

**THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST**

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1. The proposed design meets the definition of a Replacement System as defined in the Rules (Sec. 1903)
2. There will be no change in use of the structure except as authorized for one-time exempted expansions on 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 BOD<sub>5</sub> plus S.S. content of the wastewater is no greater than that of normal domestic effluent.



<b>GENERAL INFORMATION</b>		Town of <u>AUGUSTA</u>
Permit No. _____	Date Permit Issued _____	
Property Owner's Name: <u>LUCIEN POULIN</u>	Tel. No.: <u>622-9578</u>	
System's Location: <u>RTE 105</u>	_____	
Property Owner's Address: <u>RT. 7 Box 2050</u>	_____	
(if different from above) <u>AUGUSTA, ME. 04330</u>	_____	

**SPECIFIC INSTRUCTIONS TO THE:**

**LOCAL PLUMBING INSPECTOR (LPI):**

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**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.

5-17-00  
 \_\_\_\_\_  
 SIGNATURE OF OWNER DATE

**LOCAL PLUMBING INSPECTOR**

I, George de Souza, Jr., 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, she shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: \_\_\_\_\_

6/19/2000  
 \_\_\_\_\_  
 LPI SIGNATURE DATE

HHE-204 Rev 3/97

Replacement System Variance Request

VARIANCE CATEGORY	LIMIT OF LPI'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:	
	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
SOILS								
Soil Profile	Ground Water Table			to 7'			12"	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 <sup>d</sup> ft	300 <sup>d</sup> ft	300 <sup>d</sup> ft	100 <sup>d</sup> ft	100 <sup>d</sup> ft	100 <sup>d</sup> ft		
Owner's wells	100 down to 50 ft	200 down to 100 ft	300 down to 150 ft	100 <sup>d</sup> down to 50 ft	100 down to 50 ft	100 down to 50 ft	37'±	37'±
Neighbor's wells	100 <sup>d</sup> down to 60 ft	200 <sup>d</sup> down to 120 ft	300 <sup>d</sup> down to 180 ft	100 <sup>d</sup> down to 50 ft	100 <sup>d</sup> down to 75 ft	100 <sup>d</sup> down to 75 ft	91'±	875'
Water supply line	10 ft <sup>d</sup>	20 ft <sup>d</sup>	25 ft <sup>d</sup>	10 ft <sup>d</sup>	10 ft <sup>d</sup>	10 ft <sup>d</sup>		
Water course, major - for replacements only, see Table 400.4 for exempted 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		
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 <sup>d</sup>	25 ft <sup>d</sup>	25 ft <sup>d</sup>	25 ft <sup>d</sup>	25 ft <sup>d</sup>	25 ft <sup>d</sup>		
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		
Property lines	10 down to 5 <sup>c</sup> ft	18 down to 9 <sup>c</sup> ft	20 down to 10 <sup>c</sup> ft	10 down to 4 <sup>c</sup> ft	15 down to 7 <sup>c</sup> ft	20 down to 10 <sup>c</sup> ft		
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 ✓ *WHERE NECESSARY*  
 2. \* NO CLOSER THAN EXISTING SYSTEM  
 3. *INSTALL SYSTEM 6" ABOVE OLD FILL (15 YRS)*

Footnotes: a. This setback distance cannot be reduced by the LPI, but may be considered for reduction by State variance.  
 b. Written Permission from the owner of a well is required when a replacement system will be located less than 100 (200 ft. for 1000-2000 gpd or 300 ft. for over 2000 gpd) feet and closer to that well than the system it is replacing.  
 c. Sufficient distance shall be maintained to assure that the toe of the fill does not extend to the 3:1 slope or property line.  
 d. Natural Resources Protection Act requires a 25 foot setback on slopes with less than 20% from the edge of disturbance and 100 feet on slopes greater than 20% except for the repair or installation of a replacement system when no practical alternative exists.

*Paul C. Reed*  
 \_\_\_\_\_  
 SITE EVALUATOR'S SIGNATURE

5/15/00  
 \_\_\_\_\_  
 DATE

**FOR USE BY THE DEPARTMENT ONLY**  
 The Department has reviewed the variance(s) and (X does  does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance ~~cannot~~, are given in the attached letter.

*Linda S. Robinson*  
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 SIGNATURE OF THE DEPARTMENT

6/22/00  
 \_\_\_\_\_  
 DATE