

Called 6/19 3:40



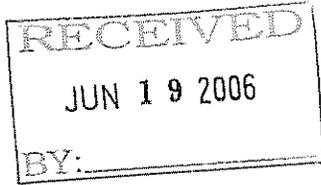
# Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention  
286 Water Street, 3<sup>rd</sup> Floor  
11 State House Station  
Augusta, ME 04333-0011

John R. Nicholas  
Commissioner

Dora Anne Mills, MD, MPH  
Public Health Director  
Maine CDC Director

John Elias Baldacci  
Governor



June 14, 2006

*Town Copy*  
*120.00*

*5807*

Shawn Shaw  
1078 South Belfast Ave.  
Augusta, ME 04330

SUBJECT: Approval, Replacement System Variance Request, Shaw property, Augusta

Dear Mr. Shaw:

The Division has reviewed a replacement system variance request for the subject property. The state variance requested is to install the system with a setback distance reduction from your well to the disposal field of 50 feet and to the septic tank of 45 feet, a setback distance reduction from a major watercourse to the disposal field of 30 feet and to the septic tank of 35 feet, a setback distance reduction from a slab, frost wall, or columns to the disposal field of 13 feet, and to replace the old fill on site with clean, new, specification fill and to install the system in this fill. As we understand the situation, the variance request has been submitted because topography and existing development limit the potential system location. The system design prepared by Paul Beers, SE, dated 04/29/2006 with a revision made on 06/13/2006 is otherwise 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 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 to the design be required at the time of construction, the site evaluator is to be notified prior to making any changes.
3. The contractor is to scarify the soils under the fill extensions to create a transitional zone more compatible with the disposal field area.
4. The septic tank to be installed shall either be monolithic or tested in the presence of the plumbing inspector and shown to be watertight.
5. The contractor shall follow all of the Site Evaluator's accompanying attached notes regarding construction of the system.
6. The new system shall not be parked upon or driven over.
7. No fill material may extend into the right of way without a letter of no objection from the City of Augusta.
8. If the well water becomes used for drinking purposes, the Department highly suggests testing of the water at least twice per year to ensure that is not contaminated due to its closeness to the septic system.
9. A Zabel A100 outlet filter is to be installed on the outlet of the septic tank.

By accepting this approval and the associated plumbing permit, the owner agrees to comply fully with the conditions of approval and the Subsurface Wastewater 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, please feel free to contact me at (207) 287-5687.

Sincerely,



Jennifer E. Sanborn, Environmental Specialist II  
Wastewater and Plumbing Control Program  
Division of Health Engineering  
e-mail: Jennifer.E.Sanborn@maine.gov

/jes  
xc:

File  
Gary Fuller, LPI  
Paul Beers, SE

REPLACEMENT SYSTEM VARIANCE REQUEST

RECEIVED

MAY 10 2006

WASTEWATER & PLUMBING PROGRAM

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. 2005)
2. There will be no change in use of the structure except as authorized for minor expansions outside the shoreline 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 AUGUSTA

Permit No. \_\_\_\_\_ Date Permit Issued \_\_\_\_\_

Property Owner's Name SHAWN SHAW Tel. No.: 622-1896

System's Location: 1078 SOUTH BELFAST AVE. AUGUSTA, ME. 04330

Property Owner's Address: \_\_\_\_\_

(if different from above) \_\_\_\_\_

**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.

Shawn Shaw 05/08/06  
 SIGNATURE OF OWNER DATE

**LOCAL PLUMBING INSPECTOR**

I, Shawn Shaw, 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: \_\_\_\_\_

Shawn Shaw 5/9/06  
 LPI SIGNATURE DATE

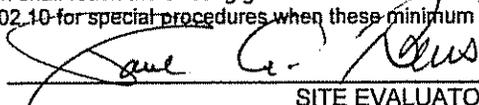
Replacement System Variance Request

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 (total design flow)			Septic Tanks (total design flow)			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
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	50'	45'
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]		
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	30'	35'
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	13.5'	
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 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		

\* more with septic tank  
 \* separate small holding tank  
 \* no net etc  
 \* system of fill not to be done upon driveway

- OTHER**
- 1. INSTALL SYSTEM ON OLD FILL (PROFILE 12) OVER SICL SIMILAR TO PROFILE 7. OVER-EXCAVATE OLD FILL AND REPLACE WITH CLEAN FILL TO INSURE UNIFORMITY. 24" SEPARATION IS 6" GREATER THAN RULES.**
  - 2. EXISTING WELL IS USED FOR WASHING ONLY. BOTTLED WATER IS USED FOR DRINKING & COOKING**
  - 3. PROPOSED SYSTEM IS NO CLOSER THAN EXISTING SYSTEM TO WELL OR LAKE**

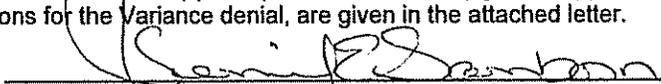
Footnotes: [a.] Single-family well setbacks may be reduced as prescribed in Section 701.2.  
 [b.] This distance may be reduced to 25 feet, if the septic or holding tank is tested in the plumbing Inspector's presence and shown to be watertight or of monolithic construction.  
 [c.] Additional setbacks 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.

  
 \_\_\_\_\_  
 SITE EVALUATOR'S SIGNATURE

**4/29/06**  
 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 denial, are given in the attached letter.

  
 \_\_\_\_\_  
 SIGNATURE OF THE DEPARTMENT

**14 June 06**  
 \_\_\_\_\_  
 DATE

# 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 minor 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.

<b>GENERAL INFORMATION</b>	Town of <u>AUGUSTA</u>
Permit No. <u>5807</u>	Date Permit Issued <u>6/19/06</u>
Property Owner's Name <u>SHAWN SHAW</u>	Tel. No.: <u>622-1896</u>
System's Location: <u>1078 SOUTH BELFAST AVE. AUGUSTA, ME. 04330</u>	
Property Owner's Address: _____	
(if different from above)	

### 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.

Shawn Shaw  
SIGNATURE OF OWNER

05/08/06  
DATE

### LOCAL PLUMBING INSPECTOR

Shawn Shaw, 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:

Shawn Shaw  
LPI SIGNATURE

6/19/06  
DATE

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 from HHE-200	Restrictive Layer			to 7"			inches	
	Bedrock			to 12"			inches	
SETBACK DISTANCES (in feet)	Disposal Fields (total design flow)			Septic Tanks (total design flow)			Disposal Fields	Septic Tanks
	From	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	Less than 1000 gpd	1000 to 2000 gpd		
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	50'	45'
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]		
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	30'	35'
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	13.5'	
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 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. INSTALL SYSTEM ON OLD FILL (PROFILE 12) OVER SICL SIMILAR TO PROFILE 7. OVER-EXCAVATE OLD FILL AND REPLACE WITH CLEAN FILL TO INSURE UNIFORMITY. 24" SEPARATION IS 6" GREATER THAN RULES.**

**2. EXISTING WELL IS USED FOR WASHING ONLY. BOTTLED WATER IS USED FOR DRINKING & COOKING**

**3. PROPOSED SYSTEM IS NO CLOSER THAN EXISTING SYSTEM TO WELL OR LAKE**

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 C. [Signature]*

SITE EVALUATOR'S SIGNATURE

4/29/06

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

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

TOWN: Augusta

LOCATION: Rte 105

APPLICANT'S NAME: Shawn Shaw

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.

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

<b>PROPERTY LOCATION</b>		<b>&gt;&gt;Caution: Permit Required - Attach in Space Below&lt;&lt;</b>	
City, Town or Plantation	AUGUSTA	Date Permit Issued: <u>6/9/06</u>	TOWN COPY \$ <u>120.00</u> If Double Fee Charged
Street or Road	1078 SO. BELFAST AVE.		
Subdivision Lot #		Local Plumbing Inspector Signature: <u>[Signature]</u>	L.P.I. # <u>1850</u>
<b>OWNER/APPLICANT INFORMATION</b>			
NAME (last, first, MI)	SHAW, SHAWN		
MAILING ADDRESS OF OWNER/APPLICANT	1078 SO. BELFAST AVE. AUGUSTA, ME. 04330		
Daytime Tel. #	207-622-1896	Municipal Tax Map # <u>64</u>	Lot # <u>19</u>

<b>OWNER OR APPLICANT STATEMENT</b>	<b>Caution: Inspection Required</b>
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.	I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application
Signature of Owner or Applicant: <u>Shawn Shaw</u> Date: <u>05/08/06</u>	Local Plumbing Inspector Signature: <u>[Signature]</u> (1st) Date Approved: <u>10/18/06</u> (2nd) Date Approved: _____

<b>PERMIT INFORMATION</b>		
<b>TYPE OF APPLICATION:</b>	<b>THIS APPLICATION REQUIRES:</b>	<b>DISPOSAL SYSTEM COMPONENT(S)</b>
<input type="checkbox"/> 1. First Time System <input checked="" type="checkbox"/> 2. Replacement System Type Replaced <u>TRENCH</u> Year Installed <u>1960'S</u> <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. minor expansion <input type="checkbox"/> b. major expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<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	<input checked="" type="checkbox"/> 1. 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 type="checkbox"/> 5. Holding Tank _____ Gallons <input type="checkbox"/> 6. Non-Engineered Disposal Area (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Area (only) <input type="checkbox"/> 11. Pretreatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
<b>SIZE OF PROPERTY</b>	<b>DISPOSAL SYSTEM TO SERVE:</b>	<b>TYPE OF WATER SUPPLY</b>
1.8+/- ACRES <input type="checkbox"/> sq. ft. <input checked="" type="checkbox"/> acres	<input checked="" type="checkbox"/> 1. Single Family Dwelling Unit No. of Bedrooms <u>3</u> <input type="checkbox"/> 2. Multiple Family Dwelling: Number of Units _____ <input type="checkbox"/> 3. Other _____ (Specify)	<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
<b>SHORELAND ZONING</b>	Current Use: <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

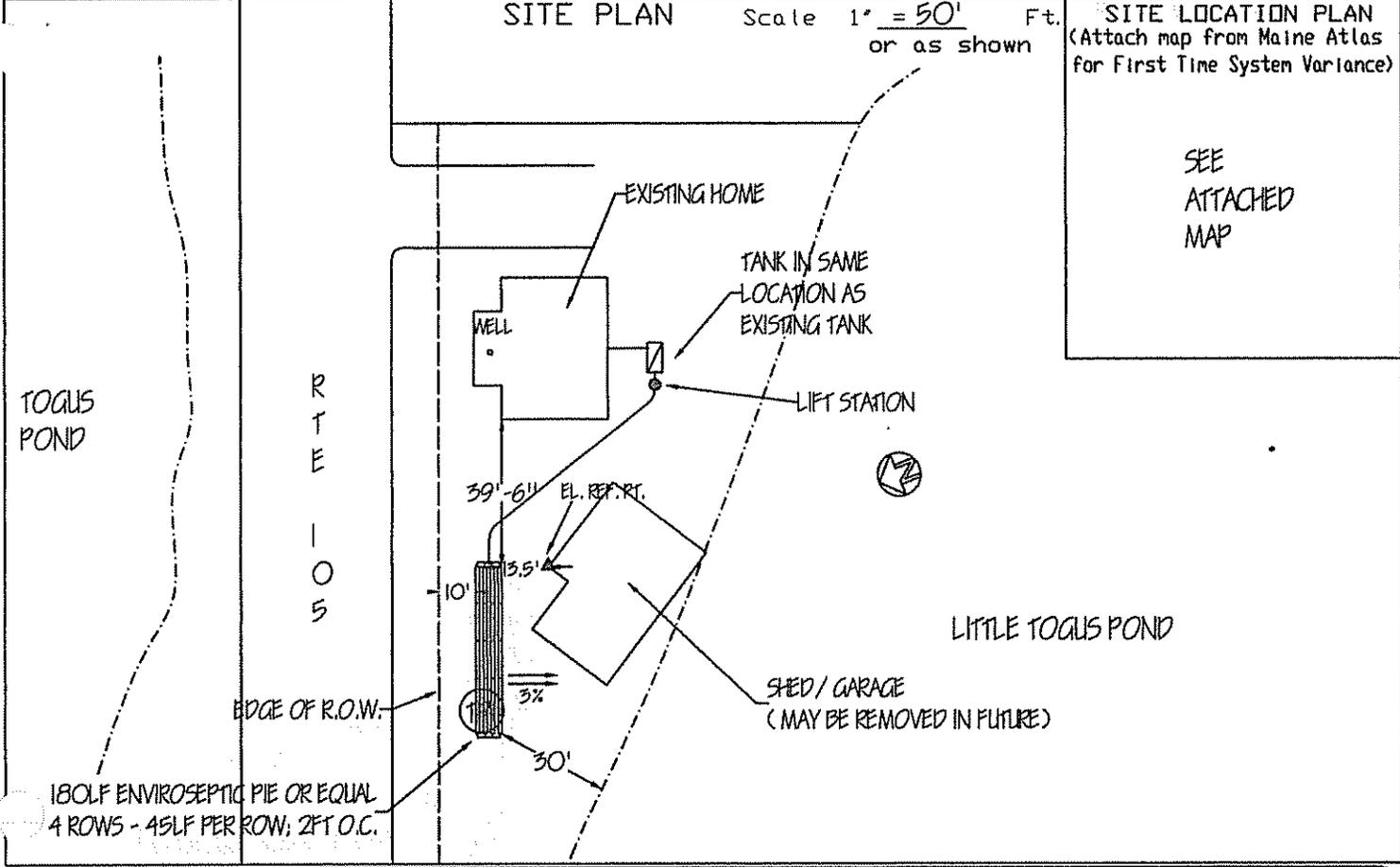
<b>DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)</b>			
<b>TREATMENT TANK</b>	<b>DISPOSAL FIELD TYPE &amp; SIZE</b>	<b>GARBAGE DISPOSAL UNIT</b>	<b>DESIGN FLOW</b>
<input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other _____ CAPACITY: <u>1000</u> Gallons	<input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. Cluster Array <input checked="" type="checkbox"/> c. Linear <input checked="" type="checkbox"/> b. Regular Load <input type="checkbox"/> d. H-20 <input type="checkbox"/> 4. Other _____ Size <u>180</u> <input type="checkbox"/> sq. ft. <input checked="" type="checkbox"/> lin. ft.	<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	<u>270</u> Gallons per day Based On: <input checked="" type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input type="checkbox"/> 2. Table 501.2 (other facilities) Show Calculations -- for other facilities--
<b>SOIL DATA &amp; DESIGN CLASS</b>	<b>DISPOSAL AREA SIZING</b>	<b>EFFLUENT/EJECTOR PUMP</b>	<b>ATTACH WATER-METER DATA</b>
PROFILE: <u>12</u> • CONDITION: <u>C</u> • DESIGN: <u>1</u> at Observation Hole # _____ Depth: <u>15</u> • <u>N/R</u> OF MOST LIMITING SOIL FACTOR	<input type="checkbox"/> 1. Small --- 2.00 sq. ft. /gpd <input type="checkbox"/> 2. Medium --- 2.60 sq. ft. /gpd <input checked="" type="checkbox"/> 3. Medium-Large --- 3.30 sq. ft. /gpd <input type="checkbox"/> 4. Large --- 4.10 sq. ft. /gpd <input type="checkbox"/> 5. Extra-Large --- 5.00 sq. ft. /gpd	<input type="checkbox"/> 1. Not required <input type="checkbox"/> 2. May Be Required <input checked="" type="checkbox"/> 3. Required >> Specify Only for Engineered or Experimental Systems DOSE _____ Gallons	Section 503.0 (meter readings) LATITUDE AND LONGITUDE at center of disposal area Lat. <u>N44 d 19 m 120 s</u> Lon. <u>W69 d 39 m 522 s</u> If g.p.s. state margin of error: <u>9ft</u>

<b>SITE EVALUATOR'S STATEMENT</b>		
I CERTIFY that on <u>4/29/06</u> (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: <u>Paul A. Beers</u> Site Evaluator Name Printed: <u>PALL A. BEERS</u>	SE # <u>56</u> Telephone Number: <u>207-582-7400</u>	Date: <u>4/29/06</u> E-Mail Address: <u>decaycwr@msn.com</u>
Note: Changes to or deviations from design should be confirmed with the Site Evaluator		

**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**

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

Town, City, Plantation **AUGUSTA** Street, Road, Subdivision **1078 SO. BELFAST AVE.** Owner's or Applicant Name **SHAWN SHAW**



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

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

Texture	Consistency	Color	Mottling
GRAVELLY SANDY LOAM (FILL)	FRIABLE	DK BRN.	
		OLIVE BROWN	COMM. DISTING @ 15"
	FIRM		
SICL		GRAY	

Soil Classification	Slope	Limiting Factor	<input checked="" type="checkbox"/> Ground Water
12	3%	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 \_\_\_\_\_

Texture	Consistency	Color	Mottling

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 # 56 4/29/06 Page 2 of 3  
 Site Evaluator Signature SE# Date HHE-200 Rev. 10/02



