STATE APPROVAL REQUIRED.

REPLACEMENT SYSTEM VARIANCE REQUEST

TOWN COPY $ 95.00

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 AUGUSTA

Permit No. 4932 Date Permit Issued 8/26/02

Property Owner's Name: ELLSWORTH + TERESA TAYLOR Tel. No.: 626-0739

System's Location: YOUNG RD. TOGUS POND AUGUSTA ME

Property Owner's Address: RR1 BOX 935

(if different from above) AUGUSTA ME 04330

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.

Teresa A. Taylor — SIGNATURE OF OWNER — 8/6/2002 — DATE

LOCAL PLUMBING INSPECTOR

I, George A. Soucy 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:

George A. Soucy Jr. — LPI SIGNATURE — 8/6/02 — DATE

HHE-204 Rev 6/00

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	30'±	
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]	* 90'±	
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	60'±	
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	12'	
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		

SPARE APPROVAL REQUIRED.

OTHER

1. ~~Fill extension Grade 3 to 3:1~~

2.

3.

Footnotes: a. This setback distance cannot be reduced by the LPI, but may be considered for reduction by State variance.

* b. May not be any closer to neighbor's well than the existing disposal field or septic tank unless written permission is granted by the neighbor. – EXISTING SYSTEM 85'± FROM NEIGHBORS WELL

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 — DATE 8/4/02

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

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
11 STATE HOUSE STATION
AUGUSTA, MAINE
04333-0011

ANGUS S. KING, JR.
GOVERNOR

KEVIN W. CONCANNON
COMMISSIONER

WELL SETBACK RELEASE FORM

We, the undersigned, are the owner(s) of the well and/or property herein described. We have read and understand the following information concerning the proposed separation distance between our well and the subsurface waste water disposal system for which a variance is being requested. We are prepared to accept any risk that the subsurface waste water disposal system may pose to our well.

All wells should be located a safe distance from all possible sources of contamination; in this case a subsurface waste water disposal system. The Maine Subsurface Waste Water Disposal Rules require a minimum of 100 feet between a disposal system and a well.

Since the safety of a well primarily depends on considerations of good well construction, geology and adequate maintenance of the subsurface waste water disposal system, the best means of protecting the well water quality is to maintain the maximum distance between a well and a disposal system. The Department of Human Services suggests that a maximum setback distance should be maintained.

The separation distance between our well and the subsurface wastewater disposal system for which this well release approval is requested is:
component DISPOSAL SYSTEM / 30' feet.
component ______ / ______ feet

Address of Property with Disposal System: RR1 Box 935, Young Road, Augusta
(Include Municipal Book & Page No. or Map & Lot No.) ______

er(s) of Property with Disposal System: ELLSWORTH + TERESA TAYLOR

Address of Property with Well: RR1 Box 935, Young Road, Augusta
(Include Municipal Book & Page No. or Map & Lot No.) ______

Owner(s) of Property with Well: ELLSWORTH + TERESA TAYLOR

We, the undersigned, release the site evaluator, well driller, the municipality and the State of Maine from liability should our well become contaminated. (Note: If the subject well has more than one owner, all well owner signatures must appear on this document.)

Well Owner(s) Signature Ellsworth N Tay Date 8/8/02
Teresa R Taylor Date 8/8/02

* * *

State of Maine
County of Kennebec, ss Date 8/8/02
Then personally appeared the above named Ellsworth (and Teresa Taylor) and (severally) acknowledged the foregoing instrument to be his (or their) free act and deed.

Before me, Henry L. Madore
Justice of the Peace or Notary Public
6/14/09

HHE-306 Rev 3/97

PRINTED ON RECYCLED PAPER

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation: AUGUSTA

Street Road: YOUNG RD - TOGUS POND

Subdivision, Lot #:

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

AUGUSTA 4932 TOWN COPY

Date Permit Issued: 8/26/02 $ 195.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI): TAYLOR, ELLSWORTH + TERESA ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant: RR 1 Box 935
AUGUSTA ME 04330

Daytime Tel. #: 626-0739

Municipal Tax Map # 72 Lot # 10

OWNER OR APPLICANT STATEMENT

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant — Date 8/6/02

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 9/13/02 (1st) date approved

Local Plumbing Inspector Signature — (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type replaced: OLD BED
  - Year installed: 1960±
- ☐ 3. Expanded System
  - ☐ a. Minor Expansion
  - ☐ b. Major Expansion
- ☐ 4. Experimental System
- ☐ 5. Seasonal Conversion

THIS APPLICATION REQUIRES

- ☐ 1. No Rule Variance
- ☐ 2. First Time System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☒ 3. Replacement System Variance
  - a. Local Plumbing Inspector Approval
  - ☒ b. State & Local Plumbing Inspector Approval
- ☐ 4. Minimum Lot Size Variance
- ☐ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM COMPONENTS

- ☐ 1. Complete Non-engineered System
- ☐ 2. Primitive System (graywater & alt. toilet)
- ☐ 3. Alternative Toilet, specify: _____
- ☒ 4. Non-engineered Disposal Area
- ☐ 5. Holding Tank, _____ gallons
- ☐ 6. Non-engineered Disposal Field (only)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY

12,909± ☒ SQ. FT. ☐ ACRES

SHORELAND ZONING

☒ Yes ☐ No

DISPOSAL SYSTEM TO SERVE

- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 2
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal ☒ Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY

- ☐ 1. Drilled Well ☒ 2. Dug Well (EXISTING) ☐ 3. Private
- ☐ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK (EXISTING)

- ☒ 1. Concrete
  - ☒ a. Regular
  - ☐ b. Low Profile
- ☐ 2. Plastic
- ☐ 3. Other: _____

CAPACITY: 1,000 GAL.

(SAVE + USE IF IN GOOD CONDITION)

DISPOSAL FIELD TYPE & SIZE

- ☐ 1. Stone Bed ☐ 2. Stone Trench
- ☒ 3. Proprietary Device
  - ☒ a. cluster array ☐ c. Linear
  - ☒ b. regular load ☐ d. H-20 load
- ☐ 4. Other: _____

SIZE: 594 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

☒ 1. No ☐ 2. Yes ☐ 3. Maybe

If Yes or Maybe, specify one below:

- ☐ a. multi-compartment tank
- ☐ b. ___ tanks in series
- ☐ c. increase in tank capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW

180 gallons per day

BASED ON:

- ☒ 1. Table 501.1 (dwelling unit(s))
- ☐ 2. Table 501.2 (other facilities)

SHOW CALCULATIONS — for other facilites —

SOIL DATA & DESIGN CLASS

PROFILE / CONDITION / DESIGN: 3 / C / 1

at Observation Hole # TP 1

Depth 47"

of Most Limiting Soil Factor: DISTURBED SITE

DISPOSAL FIELD SIZING

- ☐ 1. Small—2.0 sq. ft. / gpd
- ☐ 2. Medium—2.6 sq. ft. / gpd
- ☒ 3. Medium—Large 3.3 sq. ft / gpd
- ☐ 4. Large—4.1 sq. ft. / gpd
- ☐ 5. Extra Large—5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

- ☒ 1. Not Required
- ☐ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:

DOSE: _____ gallons

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

SITE EVALUATOR STATEMENT

I certify that on 7-31-02 (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). as per variance.

Site Evaluator Signature — SE # 168 — Date 8-1-02

JOHN W. LORD JR.
Site Evaluator Name Printed

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

DESIGN SUBJECT TO LOCAL, STATE + FEDERAL ORDINANCES.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

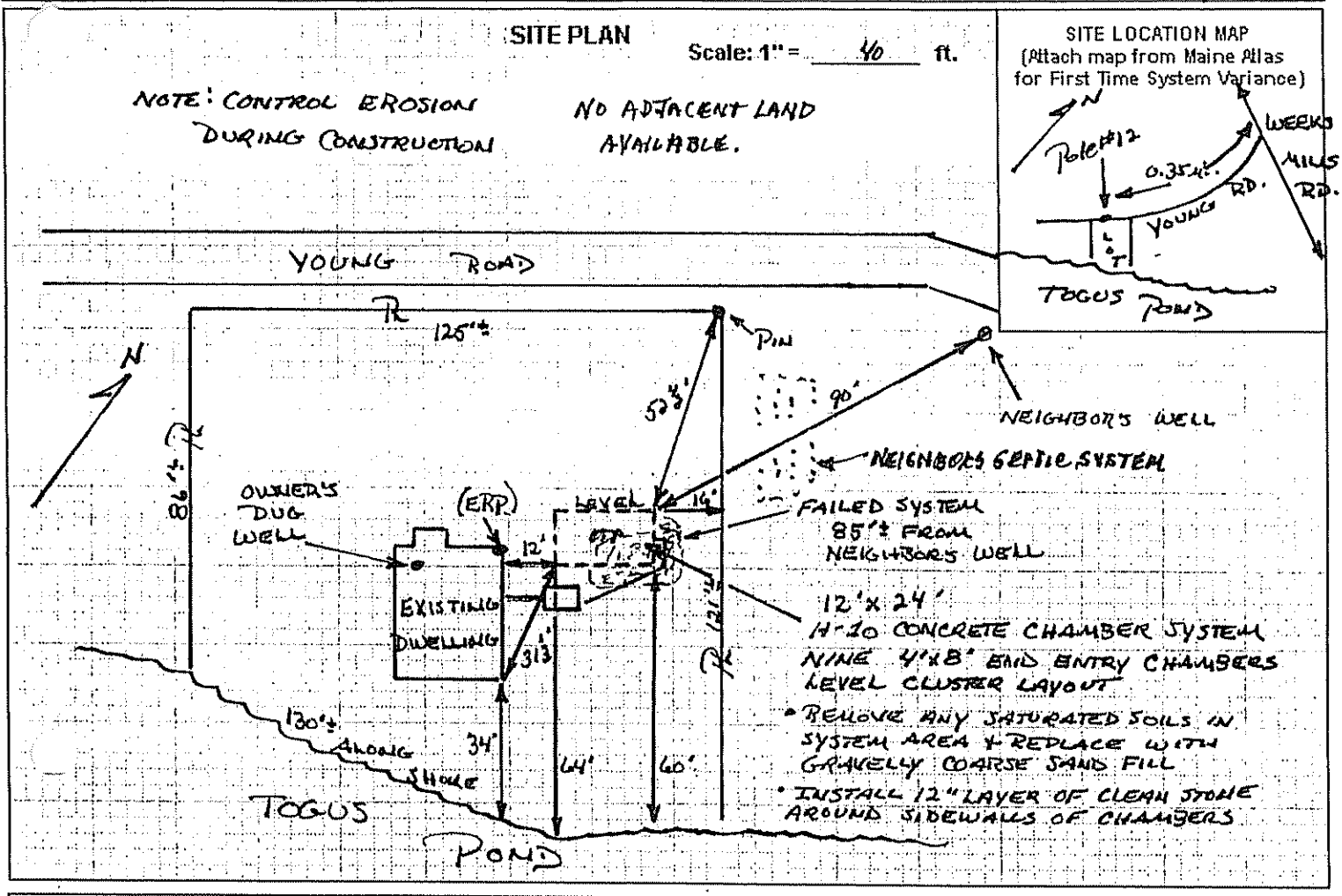
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	YOUNG RD - TOGUS POND	ELLSWORTH + TERESA TAYLOR

SITE PLAN

Scale: 1" = 40 ft.

NOTE: CONTROL EROSION DURING CONSTRUCTION

NO ADJACENT LAND AVAILABLE.



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

Observation Hole # TP 1 ☒ Test Pit ☐ Boring

ONE " Depth of organic horizon above mineral soil

DISTURBED SITE

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	OLD		BROWN	
6–12	LOAMY SANDY			
12–18	FILL			
18–24			YELLOW	
24–30		FRIABLE	BROWN	
30–36	LOAM			
36–42				

FIRM OLIVE COLOR DISTINCT

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C	LEVEL	47"	☒ Groundwater ☒ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6				
6–12				
12–18				
18–24				
24–30				
30–36				
36–42				
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
				☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature _____ SE # 168 Date 8-1-02

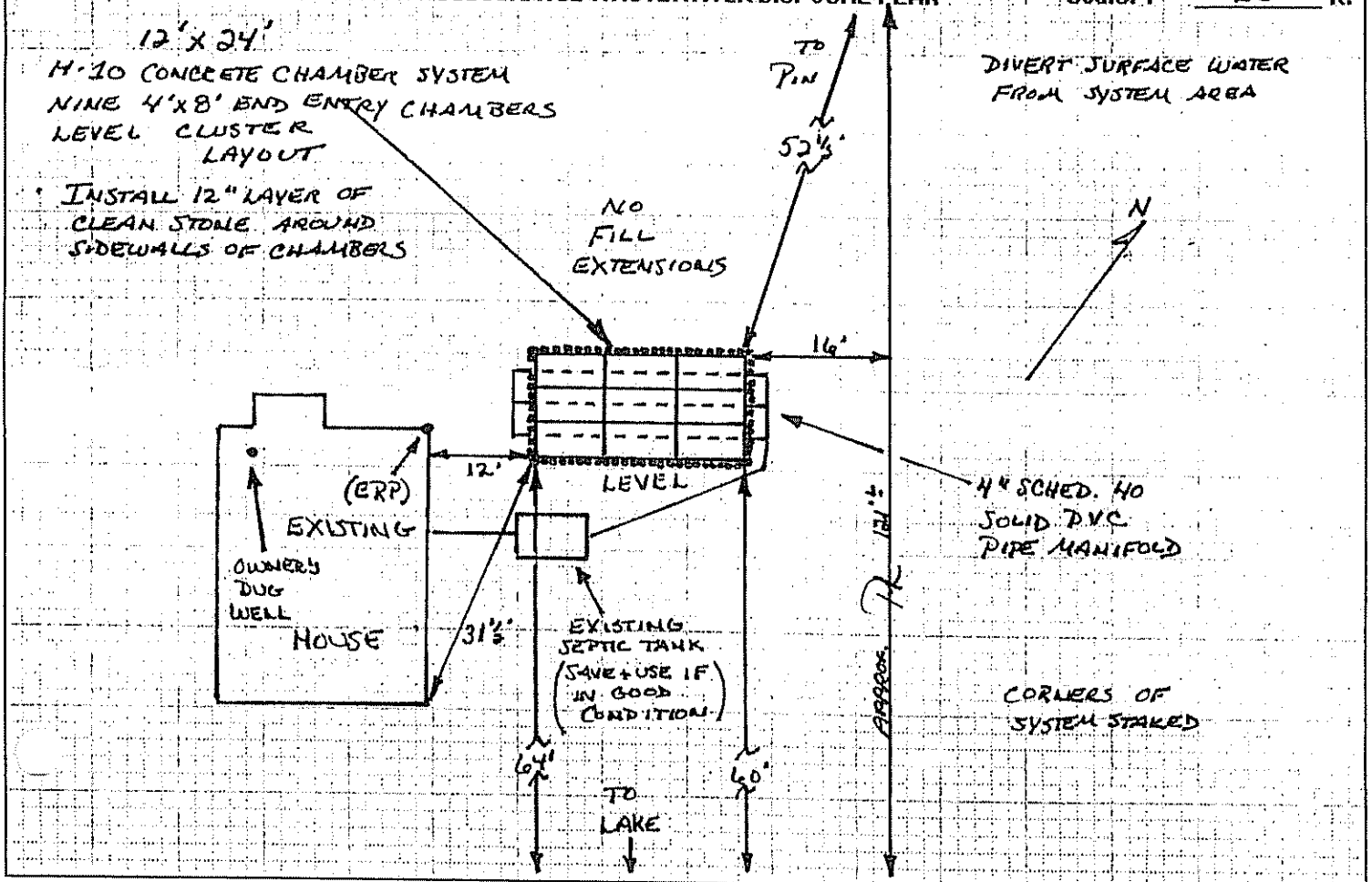
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	YOUNG RD - TOGUS POND	ELLSWORTH + TERESA TAYLOR

SUBSURFACE WASTEWATER DISPOSAL PLAN

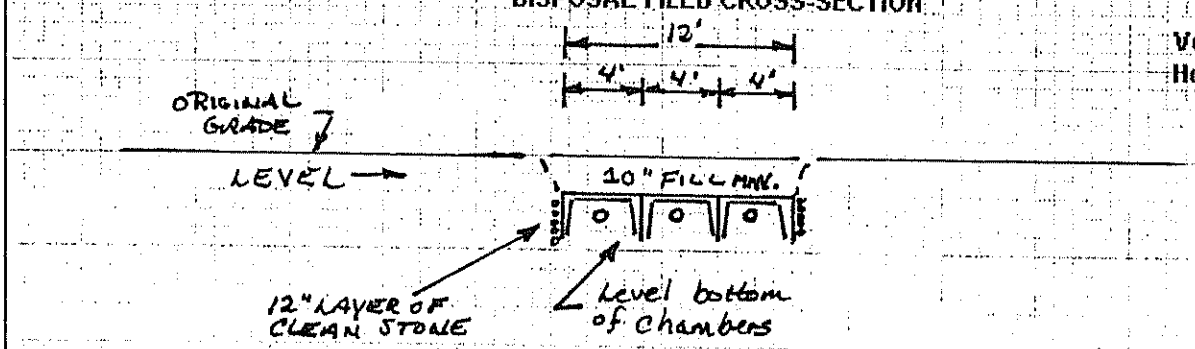
Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT (ERP)	
Depth of Backfill (upslope)	0 "	Finished Grade Elevation	-52 "	Location & Description:	FLAGGED NAIL IN ~~CORNER OF HOUSE~~
Depth of Backfill (downslope)	0 "	Top of ~~Distribution Pipe~~ Proprietary Device	-62 "		33" ABOVE EXISTING GRADE AT HOUSE
DEPTHS AT CROSS-SECTION (shown below)		Bottom of Disposal Field	-75 "	Reference Elevation is:	0.0"

DISPOSAL FIELD CROSS-SECTION

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



- Remove any saturated soils in system area and replace with gravelly coarse sand fill.
- INSTALL 12" layer of clean stone around sidewalls of chambers.
- refer to Me. State Plumbing Code for further instructions.

Site Evaluator Signature | SE # 168 | Date 8-1-02

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

ANGUS S. KING, JR.
GOVERNOR

KEVIN W. CONCANNON
COMMISSIONER

August 22, 2002

Tony @ WSK
623-1238

Ellsworth & Teresa Taylor
RR 1 Box 935
Augusta ME 04330

Subject: Approval, Replacement System Variance Request, Taylor property, Young Road, Togus Pond, Augusta

Dear Mr. & Mrs. Taylor:

The Division has reviewed a Replacement System Variance Request for the subject property. The proposal is to install a replacement septic system for a two-bedroom dwelling. The state variance requested is to allow the installation of the system with a setback distance reduction from the owner's well to the disposal field of 30 feet. Other variances required are setback distance reductions from a neighbor's well to the disposal field of 90 feet; a major watercourse to the disposal field of 60 feet; and a full basement to the disposal field of 12 feet. The system design, prepared by John Lord Jr., SE, dated August 4, 2002, 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 completed Well Setback Release Form shall be filed at the County Registry of Deeds and cross-referenced to the subject property's deed. A copy of the form, with the Registry's stamp, shall be forwarded to this office within 90 days to complete and validate the variance approval.

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. Please note that due to the lot size and site constraints, should this system fail you may have no alternative but to install a holding tank.

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

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

/lsr
xc: File
George Soucy, LPI
John Lord Jr., SE

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

ANGUS S. KING, JR.
GOVERNOR

KEVIN W. CONCANNON
COMMISSIONER

August 22, 2002

Ellsworth & Teresa Taylor
RR 1 Box 935
Augusta ME 04330

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/lsr
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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 AUGUSTA

Permit No. _____ Date Permit Issued _____

Property Owner's Name: ELLSWORTH + TERESA TAYLOR Tel. No.: 626-0739

System's Location: YOUNG RD. TOGUS POND AUGUSTA ME

Property Owner's Address: RR1 BOX 935

(if different from above) AUGUSTA ME 04330

SPECIFIC INSTRUCTIONS TO THE:

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Teresa A. Taylor — SIGNATURE OF OWNER

8/6/2002 — DATE

LOCAL PLUMBING INSPECTOR

I, George A. Young 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: _____

LPI SIGNATURE

8/6/02 — DATE

HHE-204 Rev 6/00

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	30'±	
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]	* 90'±	
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	60'±	
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	12'	
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		

STATE APPROVAL REQUIRED.

OTHER

1. ~~Fill extension Grade 3:1~~

2.

3.

Footnotes: a. This setback distance cannot be reduced by the LPI, but may be considered for reduction by State variance.

* b. May not be any closer to neighbor's well than the existing disposal field or septic tank unless written permission is granted by the neighbor. – EXISTING SYSTEM 85'± FROM NEIGHBORS WELL

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 — DATE 8/4/02

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 8/22/02