

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 289-3826

PROPERTY ADDRESS

Town Or Plantation: Augusta

Street: Private Road *Rune Barker Rd*

Subdivision Lot #:

PROPERTY OWNERS NAME

Statler Industries

Applicant Name:

Mailing Address of Owner/Applicant (If Different): Box 587
Augusta, Maine

M-39 L4

George Soucy

AUGUSTA PERMIT # 718 TOWN COPY If Double Fee Charged

Date Permit Issued: 5-9-86 \$ 4000 FEE

George Soucy
Local Plumbing Inspector Signature

L.P.I. # 880A

3-9-86

Owner/Applicant Statement

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

David L. Ingler
Signature of Owner/Applicant

5/9/86
Date

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

George Soucy
Local Plumbing Inspector Signature

5/12/86
Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- SEASONAL CONVERSION
- EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE REQUIRED
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
- Requiring Local Plumbing Inspector Approval
- Requires State and Local Plumbing Inspector Approval

INSTALLATION IS:

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM (Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED _____

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: _____

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER Day Workers
SPECIFY

TYPE OF WATER SUPPLY

City Water

SIZE OF PROPERTY

100 yards x 3/4 Mile

ZONING

Shore land

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 750 GALS.
Existing

WATER CONSERVATION

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: _____

PUMPING

- NOT REQUIRED
- MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

6 total Day Workers
2 Each Shift

DESIGN FLOW: 120
(GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>9</u>	<u>E</u>

DEPTH TO LIMITING FACTOR: 4"(27")

SIZE RATINGS USED FOR DESIGN PURPOSES

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

- BED _____ Sq. Ft.
- CHAMBER 320 Sq. Ft.
 REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT (SITE EVALUATION WAIVED BY LOCAL OPTION)

On 4/23/86 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Henry Caloems
Site Evaluator Signature

132
SE#

4-29-86
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
Owners Name

Town, City, Plantation

Street, Road, Subdivision

Owners Name

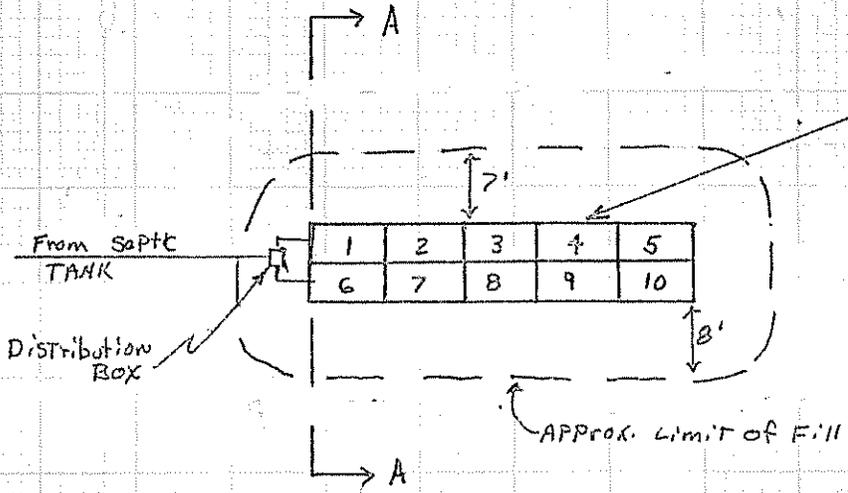
Augusta

Private Road

Statler Industries

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' FL



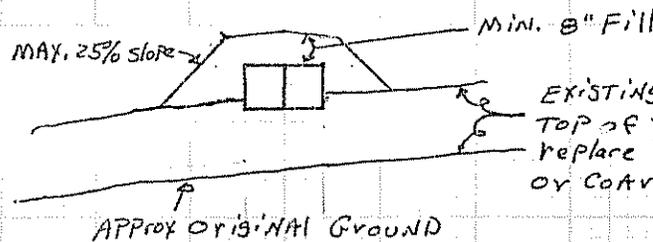
10 Regular
32 square foot
chambers.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION	
Depth of Fill (Upslope)	From Existing Fill { 18" / 22" }	Reference Elevation is	32.94'	Construction Bench mark in concrete	
Depth of Fill (Downslope)		Bottom of Disposal Area	34.86'		
	Top of Distribution Lines or Chambers	35.94'			

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 20 Ft.



EXISTING FILL - EXCAVATE TO THE TOP OF THE ORIGINAL GROUND AND REPLACE WITH CLEAN SANDY LOAM OR COARSE SAND

Greg Adams
Site Evaluator Signature

132
SE#

4-29-86
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Division of Health Engineering

Town, City, Plantation

Augusta

Street, Road, Subdivision

Private Road

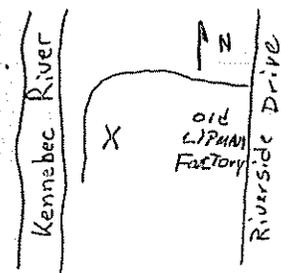
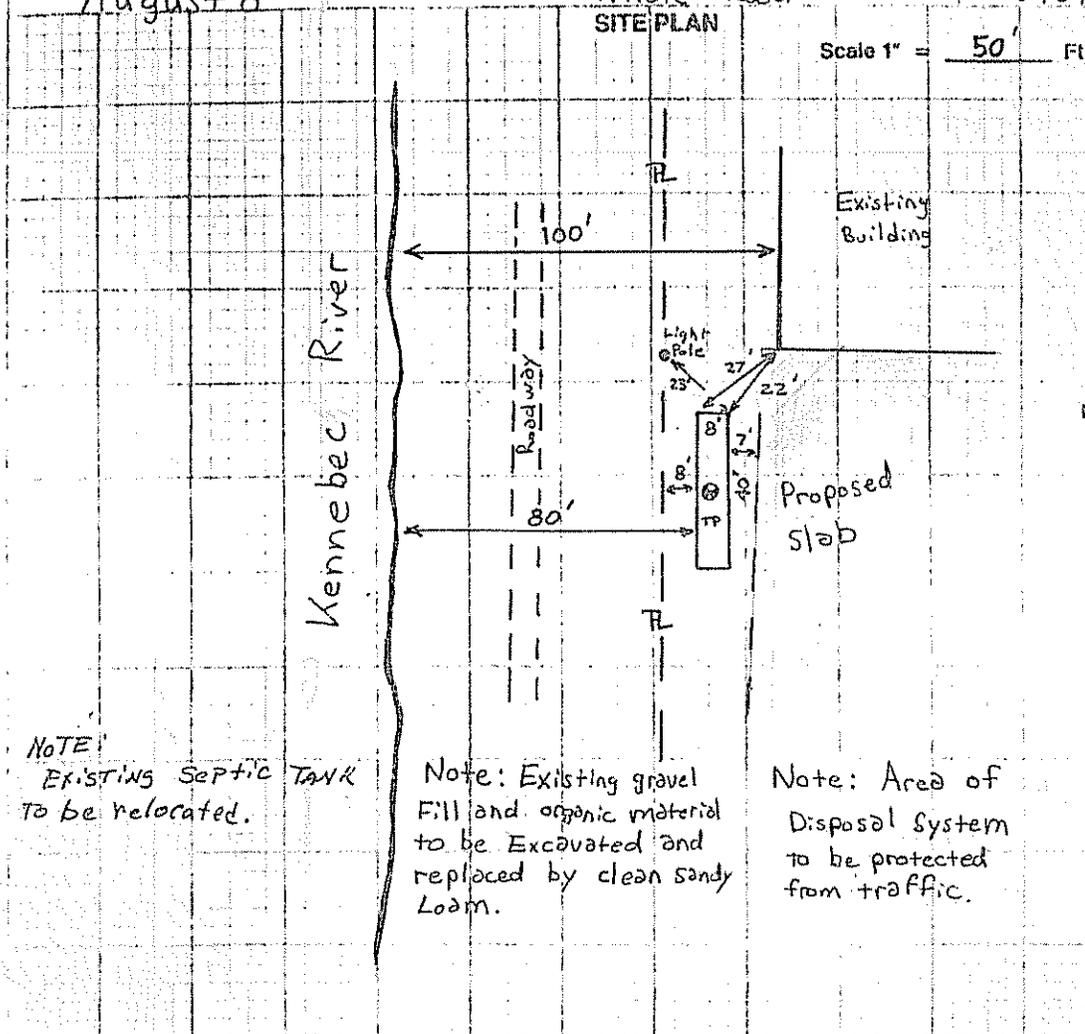
Owners Name

Statler Industries

SITE PLAN

Scale 1" = 50' Ft.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)



Notes:

- ① Property lines as indicated by owner.
- ② System shall be installed in accordance with Maine Plumbing Code.
- ③ Scarify original ground before placing fill.
- ④ Fill shall be clean sandy loam placed in 8" compacted lifts.
- ⑤ Bed shall be at least 20' from house. Tank shall be at least 8' from house.
- ⑥ Well shall be at least 100' from tank and bed.

NOTE:

EXISTING SEPTIC TANK to be relocated.

Note: Existing gravel fill and organic material to be excavated and replaced by clean sandy loam.

Note: Area of Disposal System to be protected from traffic.

SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole T.P.1 Test Pit Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0	Sandy	Firm		
0	Loam			
10	Fill			
15		Organic Friable	Bark Fill	Original Ground ↓
20	Fine Sandy	Friable	Brown	
35	Loam with lenses of silt clay		Gray	Evident
50				
59	59" Total Depth			

Soil Profile <u>9</u>	Classification <u>E</u> Condition	Slope <u>3</u> %	Limiting Factor <u>4(27")</u>	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Observation Hole _____ Test Pit Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0				
6				
10				
15				
20				
30				
40				
50				

Soil Profile _____	Classification _____ Condition	Slope _____ %	Limiting Factor _____	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock
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Tony Adams
Site Evaluator Signature

132
SE#

4-29-86
Date

Variance Category	Variance Requested	Limit of LPI's Approval Authority		Variance Requested to:	
Soils	Ground Water Table	to 6"			
Soil Profile	Restrictive Layer	to 6"		4 inches	
Soil Condition from HHE-200	Bedrock	to 10"		inches	
Setback Distances (in feet)	From:	Treatment Tank	Disposal Area	Treatment Tank	Disposal Area
	Potable Water Supplies				
	1. Well:>2000 gal/day	100	300		
	2. Well:<2000 gal/day				
	a. Neighbor's	100 ^(a)	100 ^(a)		
	b. Property Owner's	50'	60'		
	3. Water Supply Line	10'	10'		
Waterbodies	1. Perennial	60' ^(c)	60'	80'	80'
	2. Intermittent	25'	25'		
	3. Manmade drainage ditch	15'	15'		
Downhill Slope	Greater than 3:1 (33%)	5'	10' ^(d)		
Buildings	1. With basement	8'	15'	7'	7'
	2. Without basement	8'	10'		
Property Line		5'	5' ^(e)	8'	8'

Other Specify:

Footnotes:

- a. A variance to reduce the 100 foot setback distance to a minimum of 80 feet may be granted only with the neighbor's written permission.
- b. Sufficient distance shall be maintained to assure that the toe of the fill does not extend beyond the 3:1 slope or property line.
- c. May be reduced to 25' provided treatment tank is tested to be water tight in the presence of the Local Plumbing Inspector.

Ray D. Adams
Site Evaluator's Signature

4-29-86
Date

LPI Statement

I, George A. Searcy Jr., LPI for Town of Augusta have conducted an on-site inspection for the proposed replacement system and have determined, to the best of my knowledge, that it cannot be installed in total compliance with the Rules, applicable Municipal Ordinances, or the Local Shoreland Zoning Ordinance. As a result of my review of the Replacement System Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

- a. (approve, do not approve) 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. (recommend, do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, he shall state his reasons in **Comments** Section below as to why the proposed replacement system is not being recommended.

Comments:

George A. Searcy Jr.
LPI's Signature

5-9-86
Date

The Owner shall sign this statement. Therefore, having read both this Replacement Variance Request and the attached Application, I understand that the proposed system is not in total compliance with the Rules and hereby release all those concerned with this Variance, provided they have performed their duties in a reasonable and proper manner.

X Dusk Engle
Property Owner's Signature

5/9/86
Date

Replacement System Variance Request

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an Application for the proposed replacement system which is in noncompliance with the Rules. The LPI shall review the Replacement System Variance Request and Application and may approve the Request if all of the following requirements with LPI approval limitations can be met.

1. The replacement system is correcting a malfunction or an unlicensed wastewater discharge system.
2. A replacement system cannot be designed and installed in total compliance with the Rules.
3. The design flow is less than 500 GPD.
4. There will be no change in use of the structure.
5. The replacement system does not conflict with Seasonal Conversion Permit (30 MRSA § 3223) or with Mandatory Shoreland Zoning (12 MRSA § 4811).
6. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.
7. Soil and setback distances are within approval authority of the LPI.

GENERAL INFORMATION

Town of Augusta

Permit No. S-41

Date Permit Issued 5/9/86
month/day/year

Property Owner's Name: Statler Industries Tel. No. 623-4731

System's Location: _____
Street
Augusta MAINE _____
Town Zip

Property Owner's Address:
(if different from above) _____
Street
_____ Town State Zip

Specific Instructions to the:

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, then complete the Replacement Variance Request with your signature on reverse side of form.

Property Owner: It 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.

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.

James A. Jacobson WW&PC
Signature of the Department

5/9/85
Date