M11 L 49

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Subdivision Lot #	Cony Rd

PROPERTY OWNERS NAME

Last: Tobias First: Kelly

Applicant Name:	same
Mailing Address of Owner/Applicant (If Different)	RFD#2 Box 887 Augusta, ME 04330

AUGUSTA Caution: Permit Required 3125 TOWN COPY

Date Permit Issued: 11/29/94 $ 60.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature: [signature] L.P.I. # 858

Rvff insp 12/2/94 [initials]

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.

Kelly Tobias 11/30

Signature of Owner/Applicant Date

Caution: Inspection Required

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

Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☒ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION
to be completed by the LPI
5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED – P# _____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED _____
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

SIZE OF PROPERTY	ZONING
6.83 acs	

THIS APPLICATION REQUIRES:
1. ☒ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
a. ☐ Requiring Local Plumbing Inspector Approval
b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:
1. ☐ SINGLE FAMILY DWELLING
2. ☒ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

INSTALLATION IS:
COMPLETE SYSTEM
1. ☒ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (+2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:
4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK _____ GAL
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
Proposed well

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION
1. ☐ NONE
2. ☒ LOW VOLUME TOILET Recommended
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET

SPECIFY: _____

PUMPING
1. ☐ NOT REQUIRED
2. ☒ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☐ REQUIRED

DOSE: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
single family trailer (3 bedroom)

DESIGN FLOW: 270 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
7	C

DEPTH TO LIMITING FACTOR: 16.

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☐ BED _____ Sq. Ft.
2. ☒ CHAMBER 459 Sq. Ft. ☒ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: 18 infiltrators

SITE EVALUATOR STATEMENT

On 11/16/94 (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.

Kane P. Coffin 331 11/17/94

Site Evaluator Signature SE# Date

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

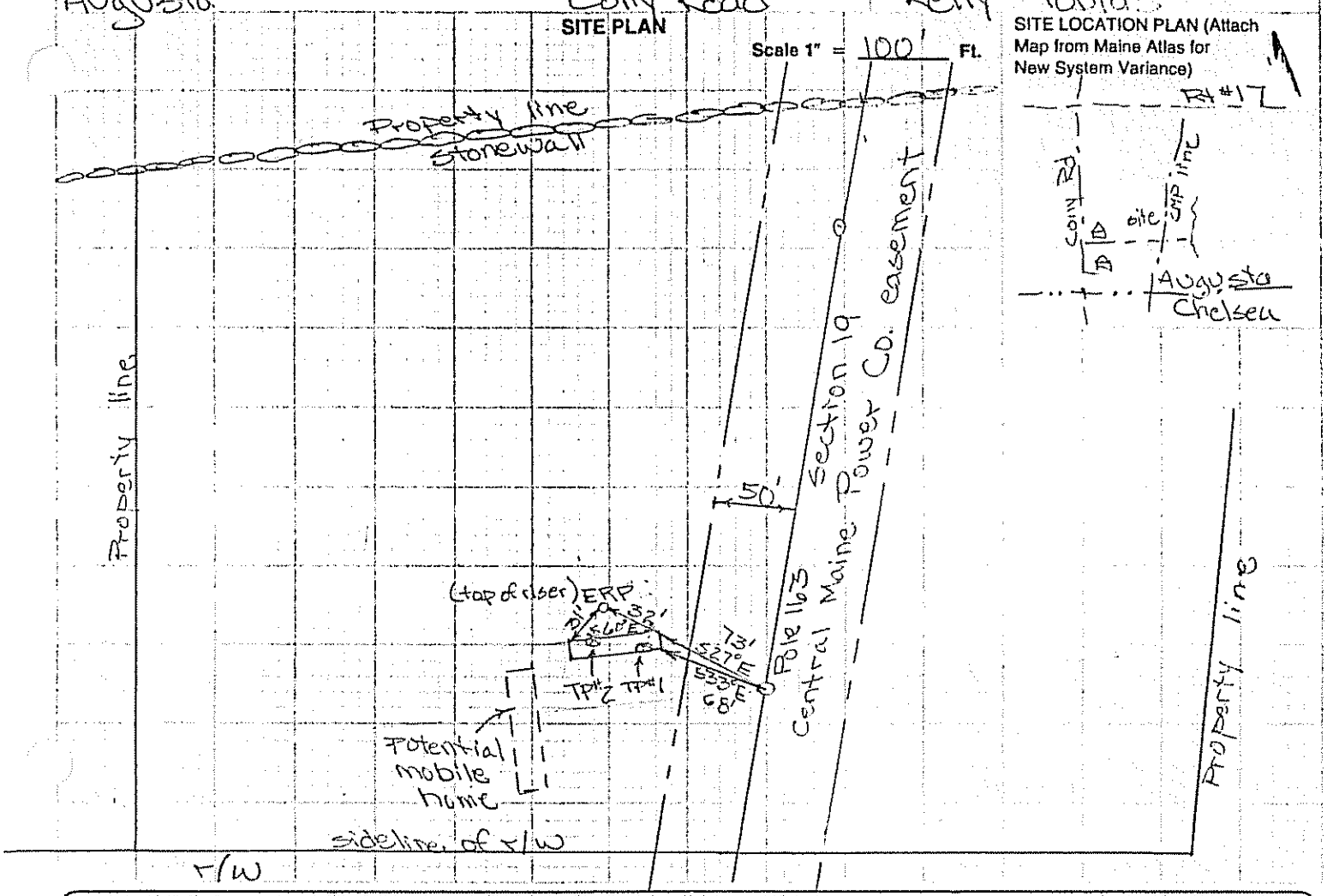
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: Augusta
Street, Road, Subdivision: Cony Road
Owners Name: Kelly Tobia

SITE PLAN

Scale 1" = 100' Ft.



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

Observation Hole TP#1 ☒ Test Pit ☐ Boring

1½" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
gravelly fine sandy loam	friable	light brown	
		dark brown	
		red brown	
		yellow br.	common distinct
silty clay	firm	light olive	
	v. firm		

Soil	Classification	Slope	Limiting Factor	
7 (Profile)	C (Condition)	10 %	16"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole TP#2 ☒ Test Pit ☐ Boring

2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
gravelly fine sandy loam	friable	light brown	none
		dark brown	
		red brown	
		yellow br.	common distinct
silty clay	firm	light olive	
	v. firm		

Soil	Classification	Slope	Limiting Factor	
7 (Profile)	C (Condition)	10 %	16"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Kevin P. Griffin
Site Evaluator Signature

331
SE#

11/17/94
Date

HHE-200 Rev. 1/84

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

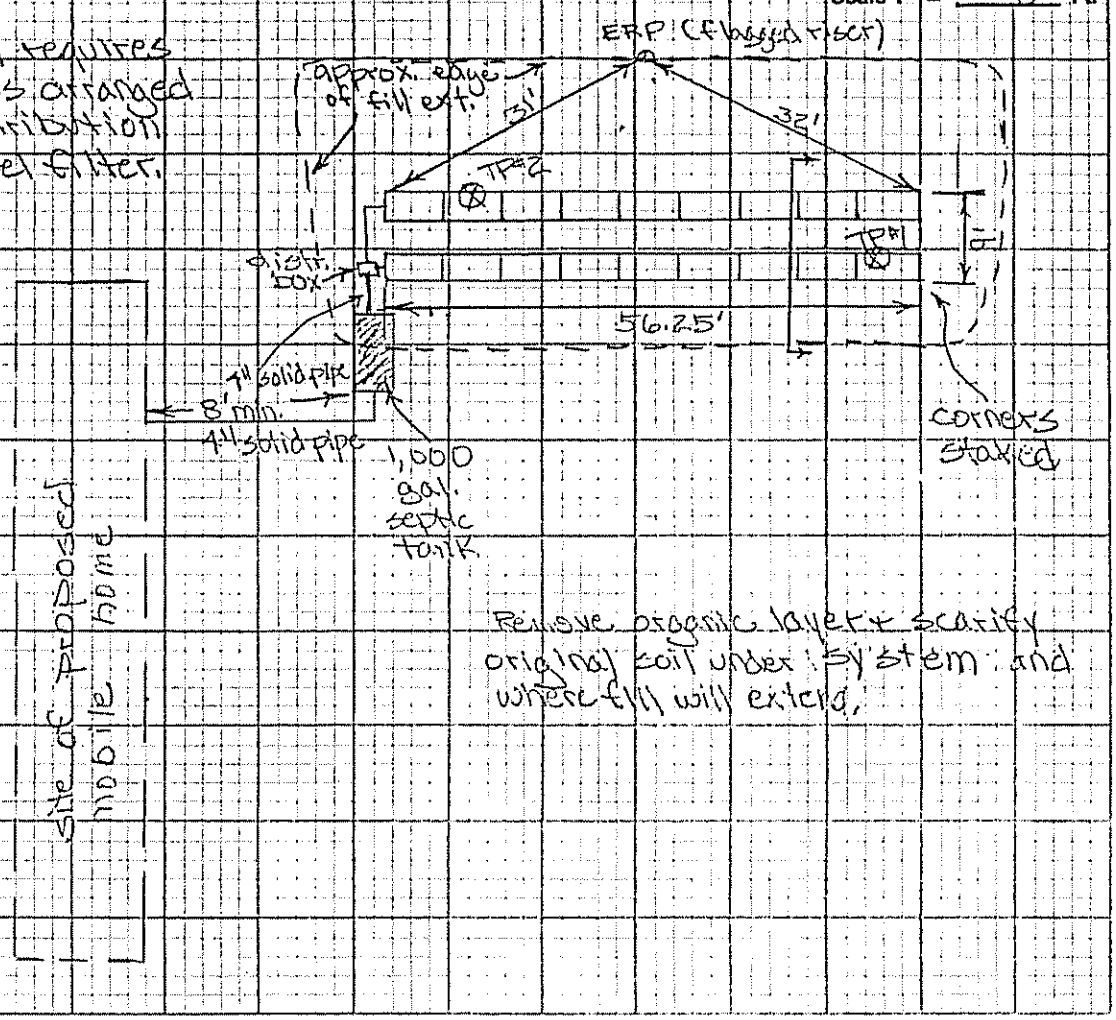
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Cony Road	Kelly Tobias

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

Note: This design requires 18 infiltrator units arranged for parallel distribution. Recommend Zabel filter.



Remove organic layer & scarify original soil under system and where fill will extend.

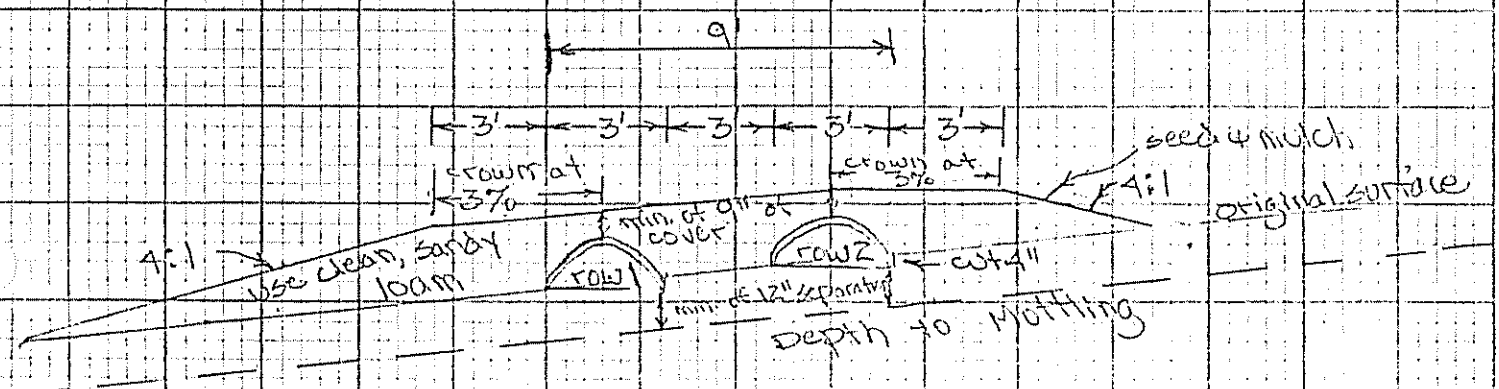
FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	20"	Reference Elevation is	0"	
Depth of Fill (Downslope)	20"	Bottom of Disposal Area	see below	
		Top of Distribution Lines or Chambers	11	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 Inch = 5 Ft.
Horizontal: 1 Inch = 5 Ft.

Elevation Notes

	Top of infilt.	Bottom of infilt.
Row 1	+12"	-3"
Row 2	+25"	+10"



Kevin P. Collin
Site Evaluator Signature

331
SE#

11/17/94
Date

HHE-200 Rev. 1/84

ATTACHMENT FOR FORM HHE-200

1. All construction shall conform with Section 11-D "State of Maine-Subsurface Wastewater Disposal Rules-Chapter 241", and all other pertinent sections.

2. All fill shall be clean sandy loam or coarser in texture with sufficient fines for adequate compaction and free of stones, wood or other debris.

3. Property lines shown are as provided by the owner and no guarantee of accuracy is implied. Actual property lines must be confirmed by boundary survey.

4. A septic tank outlet filter is recommended.

5. Pump stations, when required, shall be installed watertight to prevent infiltration of ground and/or surface water. For uninterrupted service during maintainance or repair duplex pump systems are required.

6. Wells should be located a minimum 100' from the subsurface disposal system.

7. Force mains and pressure lines shall be flushed of any foreign material and pumps shall be checked for proper on/off cycle before being put into service.

8. Applicability of design must be reevaluated when location of structures are substantially different than those shown on the site plan or when other structures, additions, or appurtenances (ie. swimming pools) are considered.

9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion control to prevent damage to system.

10. Provide low profile septic tank when determined as necessary in the field.

11. Lots not meeting the requirements of the "Minimum Lot Size Rule" but recorded prior to its effective date require a "Minimum Lot Size Waiver" as issued by the Deparment of Human Services-Division of Health Engineering.

12. Force mains, pump stations, and gravity pumping subject to freezing shall be adequately insulated.

13. The L.P.I. 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.

14. Septic tanks should be pumped out and checked every two years or more often to prolong the life of the wastewater system.

15. Any plans to install a garbage disposal should have the next available size septic tank installed. An alternative to this is the installation of a Zabel Industries Inc. Multi-purpose Filter, Model #A100 or equivilent on the outlet end of the septic tank.

16. Water softeners should drain to a separate grey water disposal system.

17. 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 your system requires one.

18. The outlet invert elevation should be equal to or higher than the finish grade of the septic field to avoid floooding of the tank and solids entering the field.

19. The system is designed to handle laundry waste water provided a separated lanundry system is not indicated on Page 1 of the HHE-200 form and the total daily design flow shown on Page 1 is not exceeded. If a low water toilet is required it must use less than 1.5 gallons per flush.

20. Seed and mulch the surface of all fill and cover material, as well as other areas of disturbed soi, to prevent erosion.

21. Remove organic layer and scarify original soil in all areas where fill will extend.

22. Cut all vegetative growth down to ground level, rake away organic material, and roto-till the area of the disposal system, including fill extentions, thoroughly prior to construction.

23. Fill slopes must be 4:1 or 25 percent slope.