FORM 3

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 or Road	Rte 105 (NORTH SIDE, 0.3 mi. W. of Bolton Hill Rd.)
Subdivision, Lot #	33 Keith Dr.

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

AUGUSTA PERMIT # 5581 OWN COPY

Date Permit Issued 7/13/05 $ 100 FEE ☐ Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 800

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	MAHEUX, SHAWN ☒ Owner ☒ Applicant
Mailing Address of Owner/Applicant	22 PINE ST. FARMINGDALE, ME 04344
Daytime Tel. #	(207) 622-7072

Municipal Tax Map # 11 Lot # 44

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

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 (1st) date approved 10/3/05 (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

- ☒ 1. First Time System
- ☐ 2. Replacement System
  - Type replaced: _____
  - Year installed: _____
- ☐ 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 Treatment Tank (only)
- ☐ 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

LAND 605 (OF 25) 2 1/2 4 ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE

- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 4
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped

TYPE OF WATER SUPPLY

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

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

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

CAPACITY: 4,000 GAL.

DISPOSAL FIELD TYPE & SIZE

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

SIZE: 1,200 ☒ 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

360 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	CONDITION	DESIGN
3	C	1

at Observation Hole # TP-1

Depth 15"

of Most Limiting Soil Factor

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

SITE EVALUATOR STATEMENT

I certify that on 3-6-04 (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).

Site Evaluator Signature	SE #	Date
Stephen A. Down	257	3-23-04

Site Evaluator Name Printed	Telephone Number	E-mail Address
STEPHEN A. DOWN	(207) 685-3637	sadown@prexar.com

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

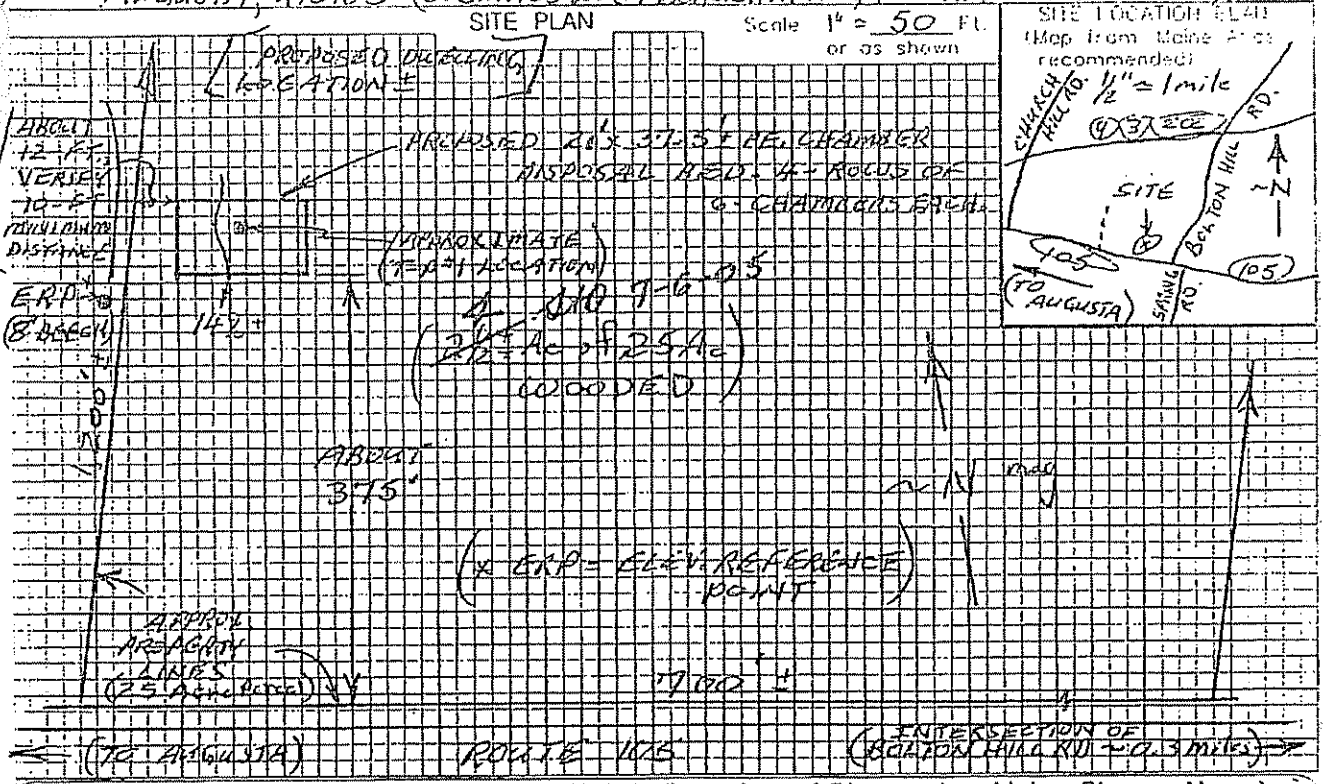
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: AUGUSTA, Rte 105 - (NORTH SIDE Street, Road Subdivision: 0.3 miles W. of Bolton Hill Rd.)

Owner's Name: SHAWN MAHEUX

SITE PLAN

Scale 1" = 50 Ft. or as shown



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

Observation Hole TP-#1 ☒ Test Pit 42" ☐ Boring

0" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (feet)	Texture	Consistency	Color	Mottling
0	LOAM	LOOSE	DARK BROWN	
10	FINE SANDY LOAM	FRIABLE	YELLOW BROWN	
20	(WITH SCATTERED GRAVEL COBBLES)		LIGHT BROWN TO OLIVE BROWN	FAINT COMMON
30	(& SURFACE BOULDERS OBSERVED)	MODERATELY FIRM		
40	42"	FIRM		
50				

TOTAL HOLE DEPTH

Soil Classification: Profile	Condition	Slope	Limiting Factor	
3	C	14 ±%	15"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (feet)	Texture	Consistency	Color	Mottling
0	NOTE:			
10	- PROVIDE 100' MINIMUM DISTANCE BETWEEN WELLS & THE DISPOSAL SYSTEM.			
20	- 20' MIN. DISTANCE BETWEEN THE FOUNDATION WALL & THE EDGE OF THE NEAREST PE CHAMBER.			
30				
40	- 8' MIN. DISTANCE BETWEEN HOUSE & SEPTIC TANK.			
50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
		/	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Stephen A. Brown 257 3-17-04

Site Evaluator Signature (207) 685-3637 SE # Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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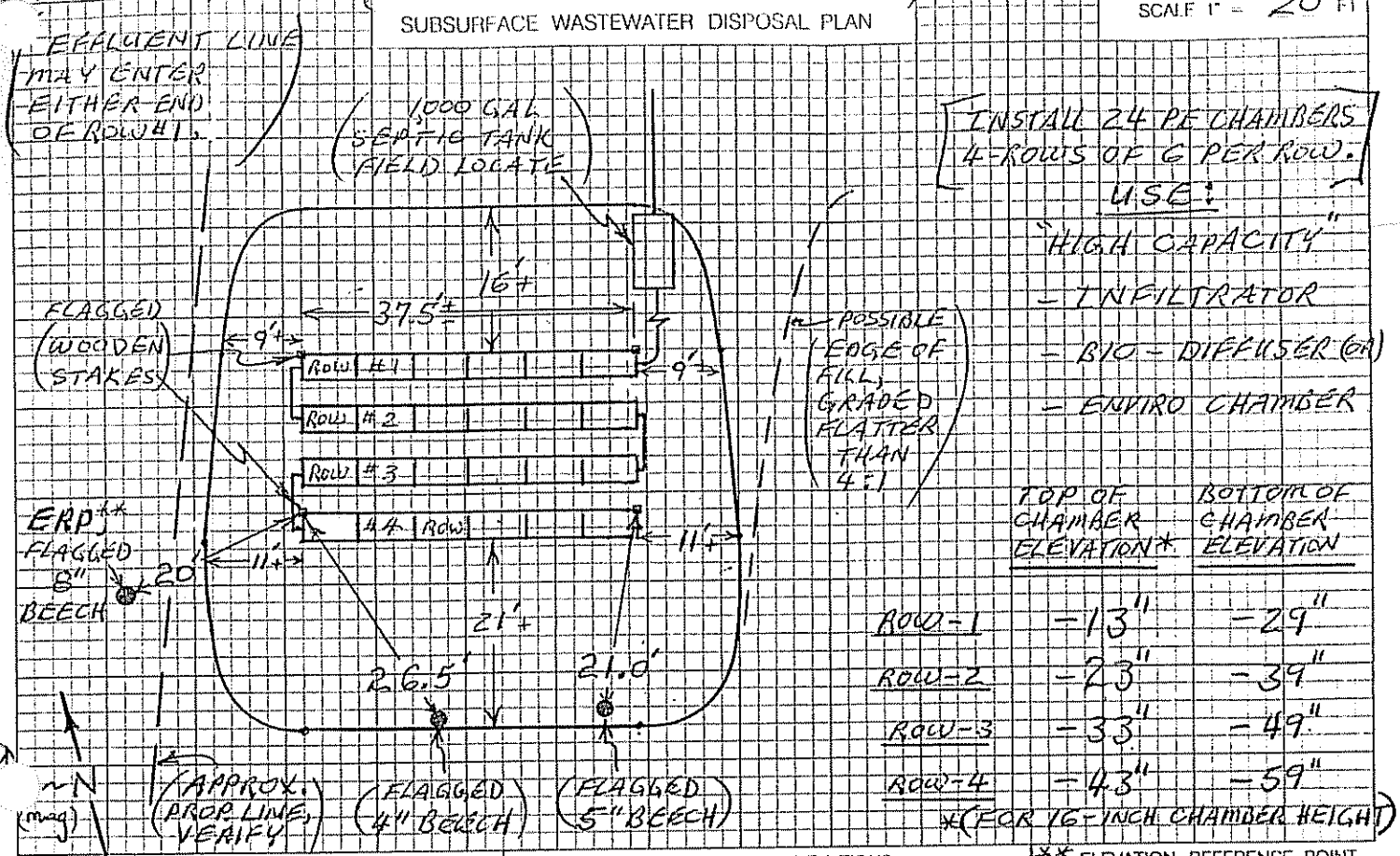
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: Rte 105 (NORTH SIDE - 0.3 mi. W. of Bolton Hill Rd)
Owner's Name: SHAWN MAHEUX

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT



INSTALL 24 PE CHAMBERS
4-ROWS OF 6 PER ROW.

USE:
"HIGH CAPACITY"
- INFILTRATOR
- BIO-DIFFUSER (OR)
- ENVIRO CHAMBER

	TOP OF CHAMBER ELEVATION*	BOTTOM OF CHAMBER ELEVATION
ROW-1	-13"	-29"
ROW-2	-23"	-39"
ROW-3	-33"	-49"
ROW-4	-43"	-59"

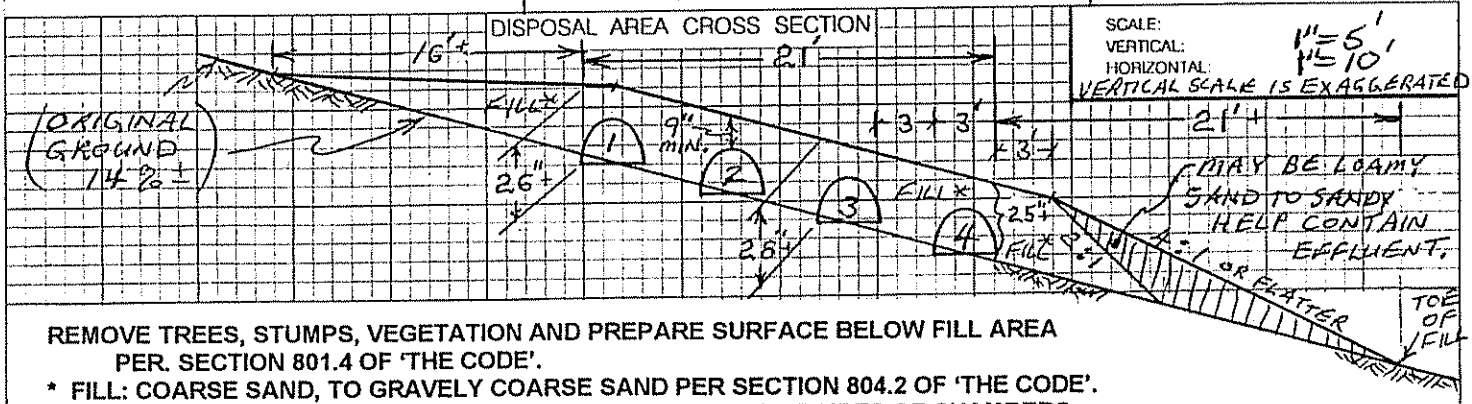
*(FOR 16-INCH CHAMBER HEIGHT)

FILL REQUIREMENTS (AT EDGE OF CHAMBERS)
Depth of Fill (Upslope) 2.6"+
Depth of Fill (Downslope) 2.5"+

CONSTRUCTION ELEVATIONS
~~Finished Grade Elevation~~ SEE CHART ABOVE
~~Top of Distribution Pipe or Proprietary Device~~ ___
~~Bottom of Disposal Area~~ ___

** ELEVATION REFERENCE POINT
FLAGGED NAIL IN 8" BEECH TREE, ABOUT 7' ABOVE GROUND.
Reference Elevation = 0" = ERP

DISPOSAL AREA CROSS SECTION



SCALE:
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 10'
VERTICAL SCALE IS EXAGGERATED

REMOVE TREES, STUMPS, VEGETATION AND PREPARE SURFACE BELOW FILL AREA PER. SECTION 801.4 OF 'THE CODE'.
*** FILL: COARSE SAND, TO GRAVELY COARSE SAND PER SECTION 804.2 OF 'THE CODE'.**
PLACE 4 TO 6 INCH WIDTH OF 1-1/2" CRUSHED STONE AGAINST SIDES OF CHAMBERS.
LOAMY SAND FILL MAY BE USED BEYOND 3-FT AWAY FROM CHAMBERS.
INSTALL CHAMBERS PER MANUFACTURES INSTRUCTIONS & LEVEL, LESS THAN 2" PER 100 FT.
PROVIDE A MINIMUM OF 9-INCHES COVER ABOVE TOP OF CHAMBERS.
PROVIDE FOR SURFACE DRAINAGE AWAY FROM THE DISPOSAL AREA.
LOAM (4" MIN.), SEED AND MULCH ALL DISTURBED AREAS.
CONSTRUCTION TO COMPLY WITH 'THE CODE', 144 CMR 241.

Stephen A. Brown — Site Evaluator Signature
(207) 685-3637
257 — SE #
3-21-04 — Date