SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation: AUGUSTA
Street or Road: 136 LONE INDIAN TRAIL
Subdivision, Lot #:

>> Caution: Permit Required – Attach In Space Below <<

AUGUSTA 4747 TOWN COPY
Date Permit Issued: 9/18/01
$ 100.00 FEE ☐ If Double Fee Charged
Local Plumbing Inspector Signature
L.P.I. # 550

OWNER/APPLICANT INFORMATION

Name (last, first, MI): BONNER, ANDREW (Owner / ~~Applicant~~)
Mailing Address of ☒ Owner ☐ Applicant: RR #7, BOX 2800 / AUGUSTA, ME 04330
Daytime Tel. #: 624-8857

Municipal Tax Map # 4A Lot # 133

Owner or Applicant Statement

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.

Andrew Bonner 9-17-01
Signature of Owner or Applicant — Date

Caution: Inspections Required

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

(1st) Date Approved

Local Plumbing Inspector Signature — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION

1. ☒ First Time System
2. ☐ Replacement System
   Type Replaced: _____
   Year Installed: _____
3. ☐ Expanded System
   a. ☐ One-time exempted
   b. ☐ Non-exempted
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 Approval

DISPOSAL SYSTEM COMPONENT(S)

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

+/- 1 ☐ sq. ft. ☒ acres

DISPOSAL SYSTEM TO SERVE

1. ☒ Single Family Dwelling Unit, No. of Bedrooms: 3
2. ☐ Multiple Family Dwelling, No. of Units: _____
3. ☐ Other: _____ SPECIFY

SHORELAND ZONING

☒ Yes ☐ No

TYPE OF WATER SUPPLY

1. ☒ Drilled Well 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 1,000 gallons

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 1200 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ☒ No 3. ☐ Maybe
2. ☐ Yes >> Specify one below:
   a. ☐ Multi-compartment Tank
   b. ☐ Tanks in Series
   c. ☐ Increase in Tank Capacity
   d. ☐ Filter on Tank Outlet

DESIGN FLOW

270 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
8 / A III / 1
at Observation Hole # 2
Depth 24" Elevation -70
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

PUMPING

1. ☐ Not Required
2. ☒ May Be Required
3. ☐ Required >> Specify only for engineered or experimental systems:
   DOSE: gallons

SITE EVALUATOR STATEMENT

I certify that on 30AUG01 (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).

Stephen P Robbins — Site Evaluator Signature
301 — SE #
5 SEP 01 — Date

STEPHEN P. ROBBINS
BOX 271
EAST WINTHROP, ME 04343
Site Evaluator Name Printed

377-6707
Telephone #

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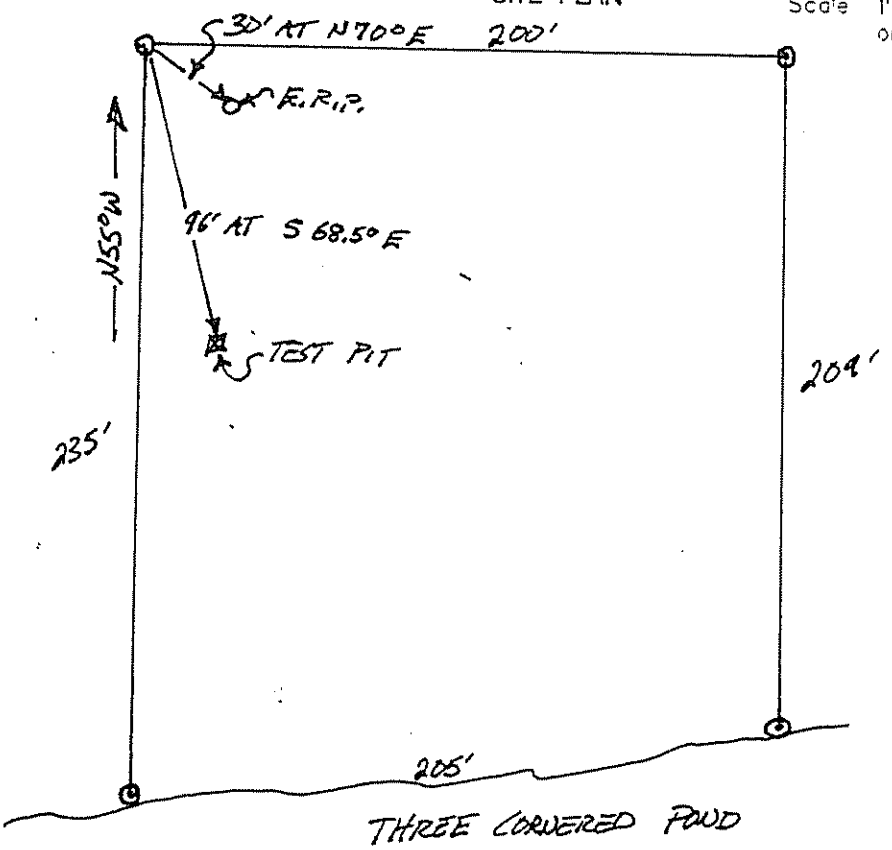
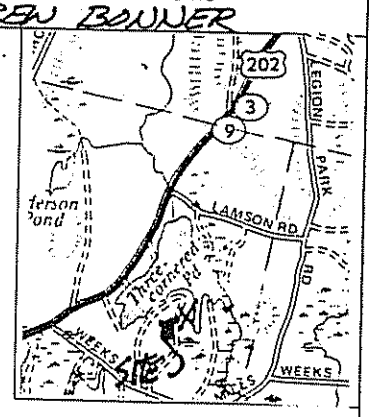
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: AUGUSTA | Street, Road Subdivision: LONE INDIAN TRAIL | Owner's Name: ANDREW BONNER

SITE PLAN

Scale 1" = 60 Ft. or as shown





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

Observation Hole 1 ☒ Test Pit ☐ Boring
1 " Depth of Organic Horizon Above Mineral Soil

Depth (inches)	Texture	Consistency	Color	Mottling
0	SILT LOAM	FRIABLE	YELLOW BROWN	
20				FEW
			OLIVE GRAY	COMMON
30	BEDROCK			
50				

Soil Classification	Slope	Limiting Factor	
8 Profile / A III Condition	0 %	24"	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock ☐ Pit Depth

Observation Hole 2 ☐ Test Pit ☒ ~~Boring~~ PROBE
1 " Depth of Organic Horizon Above Mineral Soil

Depth (inches)	Texture	Consistency	Color	Mottling
0	SILT LOAM	FRIABLE	YELLOW BROWN	
30	BEDROCK			
50				

Soil Classification	Slope	Limiting Factor	
8 Profile / A III Condition	7 %	30"	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock ☐ Pit Depth

Site Evaluator Signature | 301 SE # | 5 SEP 01 Date

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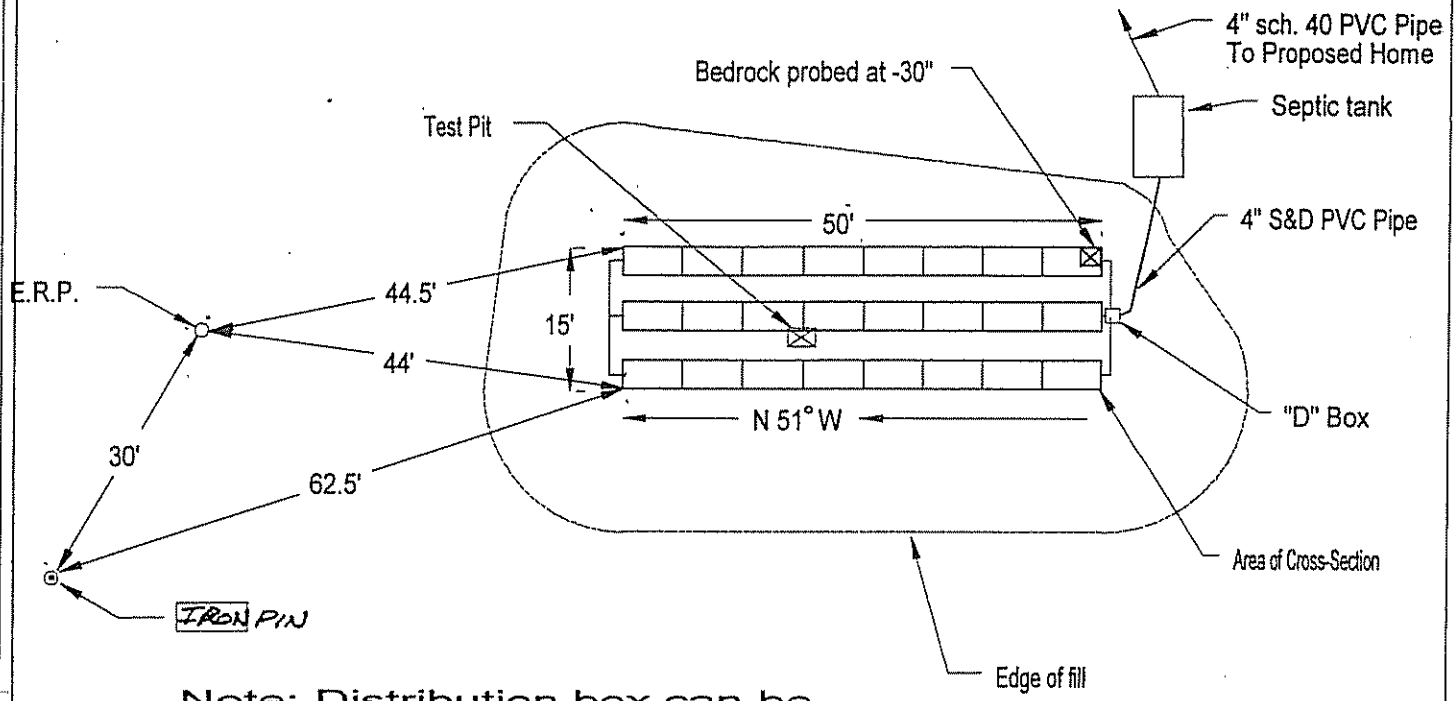
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	LONE INDIAN TRAIL	ANDREW BOUNER

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



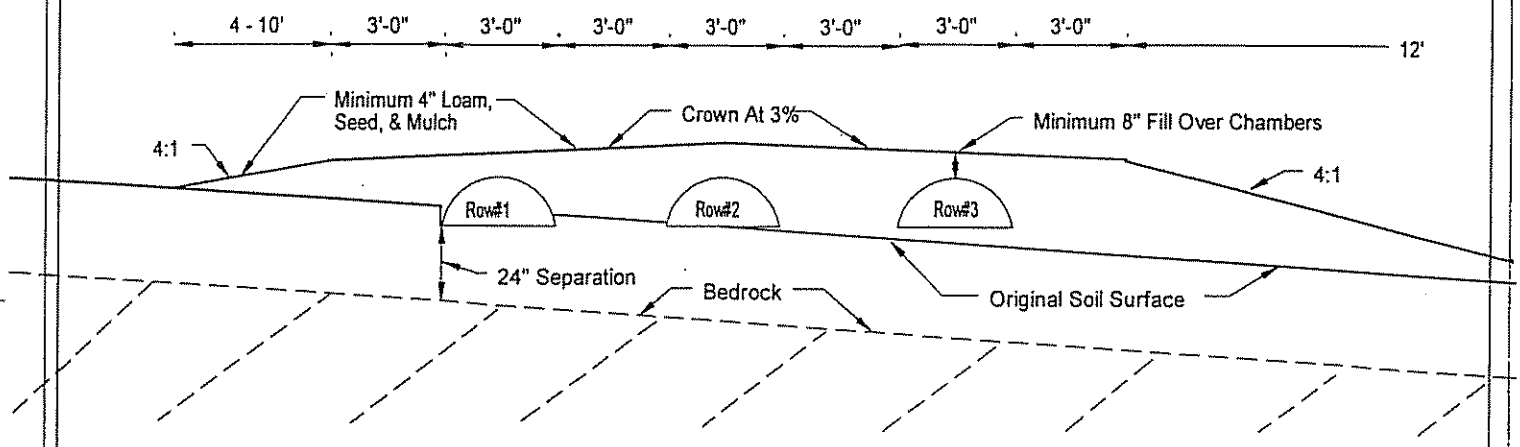
Note: Distribution box can be placed on either end.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	18-36"	Finished Grade Elevation	-22"	Location & Description	NAIL IN 14" MAPLE, 31" TO GRADE
Depth of Fill (Downslope)	31-36"	Top of Distribution Pipe or Proprietary Device	-30"		
		Bottom of Disposal Area	-46"	Reference Elevation	0

DISPOSAL AREA CROSS SECTION

Note: Chambers to be draped with filter fabric equal to MIRAFI 140N, to prevent infiltration of fill through louvers.

SCALE:
VERTICAL: 1" = 5
HORIZONTAL: 1" = 5



Site Evaluator Signature

SE •

5 SEP 01
Date

Town	Address	Owner
AUGUSTA	LONE INDIAN TRAIL	ANDREW BOWER

ATTACHMENT TO HHE-200

notes:

1. Construction to conform with "State of Maine Subsurface Wastewater Disposal Rules".
2. Property lines shown are as provided by owner, agent, or municipality. No guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
3. Remove organic material and ~~scarify~~/rototill/~~furrow~~ area under drainfield and fill extensions.
4. Unless otherwise specified, all fill will be coarse sand to a gravely coarse sand. See Sec. 804.0 in the Maine State Plumbing Code for further clarification of fill requirements. In 8" lifts, compacted as placed. First lift to be thoroughly mixed with original soil.
5. Septic tanks and pump stations shall be installed watertight to prevent infiltration of ground and surface water.
6. Force mains, pump stations, and or gravity piping subject to freezing shall be adequately insulated.
7. Unless otherwise specified, **septic tank** to be located by contractor; at minimum; 8' to proposed or existing home and or buildings, 10' to property line & water supply line, 100' to all wells and shoreline. Owners well setback can be reduced to 75' if tested for water-tightness in presence of L.P.I..
8. A septic tank outlet filter is recommended.
9. If replacement system with new tank, existing tank or cesspool to be filled with soil or removed. If existing tank is to be utilized, tank is to be thoroughly inspected for condition.
10. Unless otherwise specified, this plan does not allow the placement of pumps between the wastewater source and the septic tank.
11. Unless otherwise specified, disposal area to existing or proposed buildings setback is 20'.
12. Water from gutters, driveways, walks, and other surface water to be diverted away from system.
13. Loam, seed and mulch all disturbed areas to prevent erosion and facilitate runoff.
14. Unless otherwise specified, keep traffic heavier than lawn tractor away from all components of system.
15. Keep sanitary napkins, cigarette butts, coffee grounds, paper towels, grease, and nonbiodegradables out of system.
16. Many times it is impossible to locate water supplies. Property owner assumes responsibility of proper setback to any unknown water supplies.
17. Discharge from water treatment equipment and residential floor drains is not considered wastewater and must not be plumbed into septic system. This flow should be diverted into a separate drywell (Disposal area that does not require design or permit).
18. Plumbing fixtures must be strictly maintained to insure excess water does not enter septic system. Excess water can lead to premature clogging and total failure of disposal area.
19. Venting of disposal area is not required, but can facilitate biological action in disposal area.
20. Pumped systems will be equipped with audible high water alarm, wired to separate circuit as pump.
21. Take 3 copies of the plan to your local plumbing inspector for required permit.

Stephen P. Robbins S.E.#301 Date 5SEP01 Page 4 of 4

S.R.