Arnold, Walter

Division of Health Engineering
Station No. 10
State House
Augusta, Maine 04333

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

HHE-200

Page 1 of 2

This Is NOT A Permit; This Form When Completed Must Be Presented To The Local Plumbing Inspector To Obtain A Permit

This Application Is For: ✓ New System ○ Replacement Of Entire System ○ Expanded System ○ Replacement Of Disposal Area Only ○ Conversion Permit

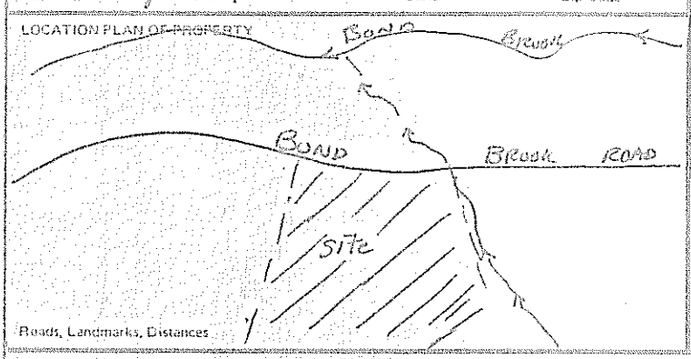
Variance: ✓ None Required ○ New System Variance ○ Replacement System Variance With ○ LPI Approval ○ Dept. Review

PROPERTY LOCATION
Town, Plantation: Augusta
Street, Road: Bond Brook Road
Subdivision Name: N/A
Lot No.: N/A

PROPERTY OWNER or APPLICANT: Walter Arnold

Mailing Address: Box 80 Street
Tel. No.: 622-0619
Town: Augusta, State: Maine, Zip Code: 04330

LOCATION PLAN OF PROPERTY



Roads, Landmarks, Distances

TYPE OF STRUCTURE, DESIGN FLOW
✓ Single Family Dwelling — Number of Bedrooms 3 — Design Flow 450 GPD
Design Flow based on ○ Minimum ○ Moderate ✓ Conservative
○ Reduction in Design Flow due to Water Conservation — Required by Code
If so, specify type (s)

○ Other Establishment: Specify — Type of Facility: N/A
(Number of Employees, Seating Capacity, Building Size, etc.)
Design Flow ____ GPD
If greater than 2000 GPD, Specify Professional Engineer

PROPERTY INFORMATION
Area of Property: 6 ± ○ Sq. Ft. ✓ Acres ✓ Zoned ○ Not Zoned
If zoned, type of zoning: Residential
Property on Water Body, If so, Name of Water Body: N/A
Water Supply is: ✓ Public Utility, ○ Drilled Well ____ depth
○ Dug Well ____ depth ○ Well Point ○ Spring ○ Surface Water

SOIL PROFILE DESCRIPTION Location of Observation Holes shown on page 2

TEXTURAL DESCRIPTION OF EACH SOIL STRATA ENCOUNTERED

	Observation Hole No. ____ ✓ Test Pit ○ Boring	Observation Hole No. ____ ○ Test Pit ○ Boring	Observation Hole No. ____ ○ Test Pit ○ Boring
Organic Strata or (Existing Fill)	28-30" Thickness Sand fill	Thickness	Thickness
1st Original Mineral Soil Strata	Depth from 0" to 10" Thickness Brown Loamy	Depth from 0" to ____ Thickness	Depth from 0" to ____ Thickness
2nd	Depth from ____ to 22" Thickness Reddish Brown to	Depth from ____ to ____ Thickness	Depth from ____ to ____ Thickness
3rd	Depth from ____ to ____ Thickness Yellowish Brown loamy sand	Depth from ____ to ____ Thickness	Depth from ____ to ____ Thickness
4th	Depth from ____ to ____ Thickness Sand.	Depth from ____ to ____ Thickness	Depth from ____ to ____ Thickness
Total Depth of Observation Hole	62"	Total Depth of Observation Hole ____	Total Depth of Observation Hole ____
Depth from top of ORIGINAL MINERAL SOIL: Maximum Seasonal High Ground Water Table Depth	✓ None evident	○ None Evident	○ None evident
Depth to Restrictive Layer	✓ None evident	○ None evident	○ None evident
Depth to Bedrock	✓ None evident	○ None evident	○ None evident

PROFILE	CONDITION	SLOPE	PROFILE	CONDITION	SLOPE	PROFILE	CONDITION	SLOPE
6	B	2-4 %			%			%

DISPOSAL SYSTEM PROPOSED Location of system and Details on Proposed Plan on page 2

TYPE OF SYSTEM
✓ Combined System
○ Separated System
If separated system, type of black waste disposal system to be used:
○ Compost
○ Pit Privy
○ Sealed Vault Privy
○ Other:
Specify: ____
○ Separated Laundry System
○ Primitive System
○ Holding Tank

TREATMENT TANK
✓ Septic Tank
○ Aerobic Tank
Size 1000 Gals.

DOSAGE
○ Pumping is not required
✓ Pumping is required
The dose should be: 45 Gals.
Dosage chamber capacity should be required gals. by manufacturer.
✓ System should be vented

SUBSURFACE DISPOSAL AREA/TYPE
○ Trench Disposal Area
Total linear feet of trench ____ ft.
Number of Trench lines ____ ft.
Length of each trench line N/A ____ ft.
Depth of Stone ____ inches.
Reduction on trench length due to stone depth ____ %
✓ Bed Disposal Area
Total bed area 585 sq. ft.
Number of beds 1
Width 15 ft. Length 40 ft.
○ Chamber Disposal Area
Total chamber area N/A sq. ft.
Number of chambers ____
Width ____ ft. Length ____ ft.
○ H-20 required

SYSTEM SIZE RATING
✓ Small ○ Medium ○ Medium Large ○ Large ○ Extra Large

DISPOSAL AREA ELEVATION
Depth of Upslope Fill required 0" inches
Depth of Downslope Fill required 0" inches
Reference Elevation Point established at Ground @ base of large pine Elevation
Disposal Area Bottom to be established 30" Below Elevation
Top of Distribution Lines or Top of Chambers ____ Elevation

✓ Yes ○ No: The proposed subsurface disposal area will be located at least 100 feet from any and all wells, springs, surface water bodies and courses (lake, pond, ocean, brook stream, river), swamps, marshes, and bogs.

✓ Yes ○ No: The proposed subsurface disposal area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies.

FOR USE BY SITE EVALUATOR
On 9/1/82 (date), a site investigation for this project was completed. I conducted this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the above type and size of subsurface wastewater disposal system. I also recommend the proposed disposal system layout and location shown on page 2.

Signature of Site Evaluator: Stephen E. Hoodwin
Date signed: Sept. 2, 1982
Site Evaluator License Number: 65

FOR USE BY OWNER/APPLICANT
I certify that all the information submitted to be true and correct to the best of my knowledge. I understand that any falsification of this application is reason to deny a permit to install a disposal system and that the permit is valid for a six (6) month period from the date of permit issuance. I also understand that no guarantee is intended or implied by reason of any advice or approval given.

Signature of Owner/Applicant: Walter Arnold
Date Signed: 9-7-82

FOR USE BY LPI: ○ This Application is approved. If conditions, specify
○ This Application is Denied due to: ○ System is not in accordance with Rules. ○ Application is incomplete. ○ Application is unclear. ○ Development is in violation of other Regulations. Specify ____

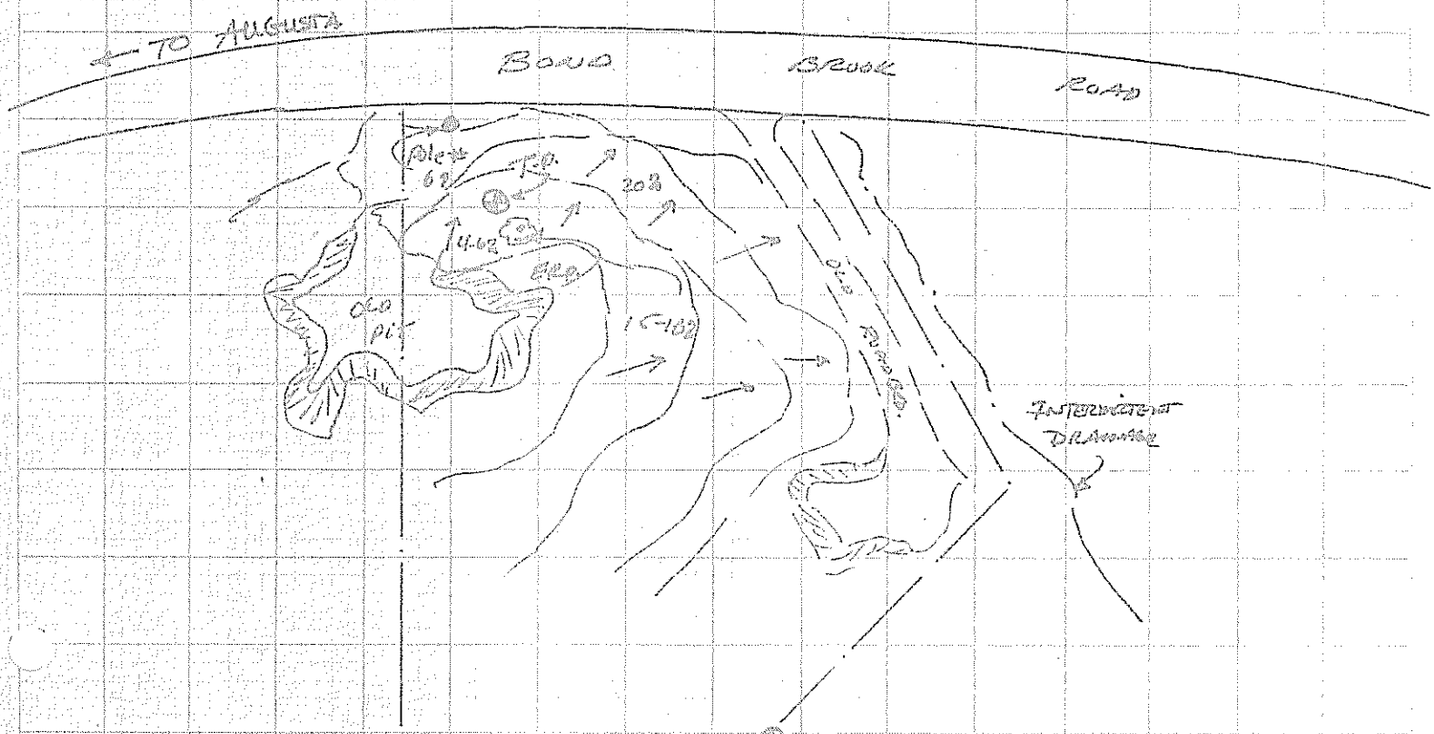
Signature of LPI: Richard P. Baker
Date: 9-7-82
PERMIT NO. 5 2 9 3 5 E P
Date Issued: 9/7/82

HHE-200 REV 7/80

APPLICATION FOR SUBSURFACE WASTEWATER DISPOSAL PERMIT

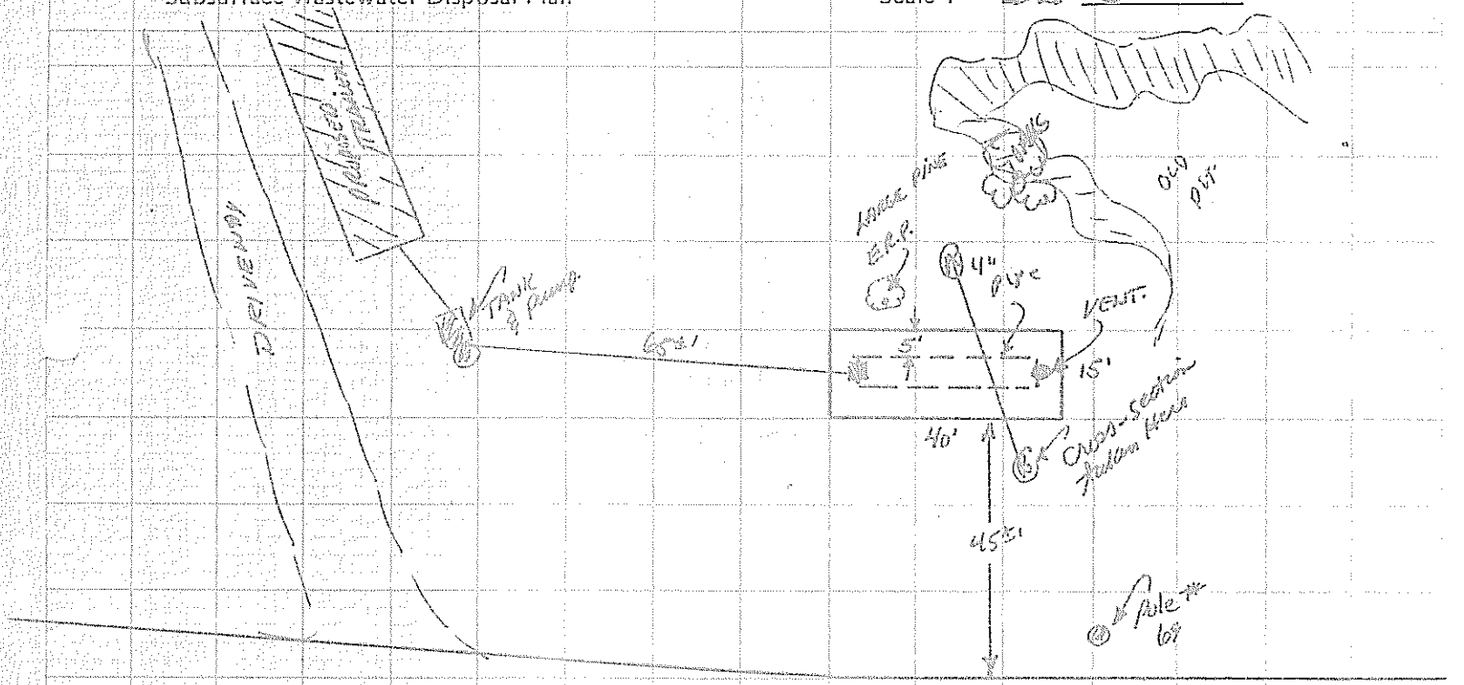
PROPERTY LOCATION: Augusta (Town, Plantation)	Bond Brook Road (Street, Road)	N/A (Subdivision Name)	N/A (Lot No.)
PROPERTY OWNER or APPLICANT: Walter Arnold	DISPOSAL AREA ELEVATION: Depth of Upslope Fill required 0 inches. Depth of Downslope Fill required 0 inches.	Reference Ground @ Base of Pine Elevation. Disposal Area Bottom to be established at 30" Below Elevation. Top of Distribution Lines or Top of Chamber 18" Below Elevation.	

Site Plan — Scale 1" = 100 ft.

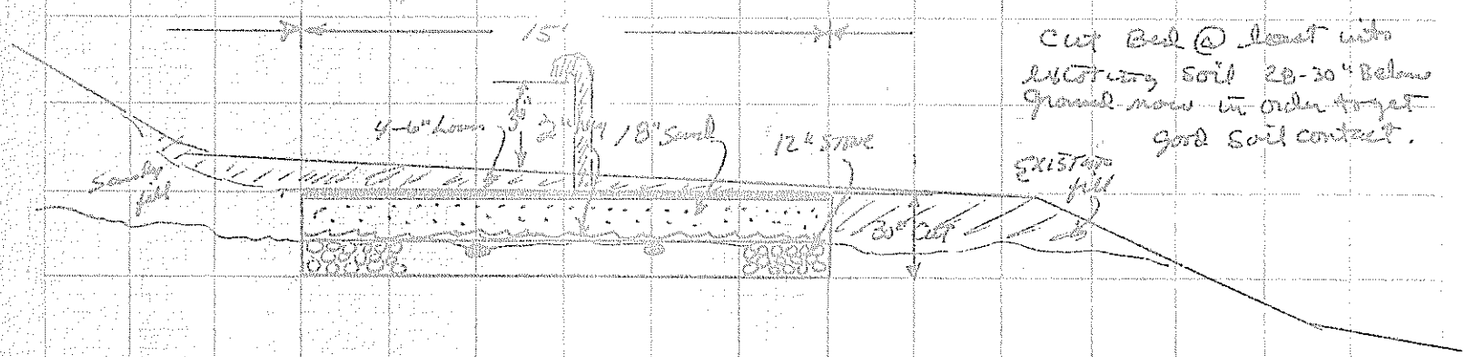


Designates Elevation Reference Point (ERP) — Designates Observation Hole (TP or B)

Subsurface Wastewater Disposal Plan — Scale 1" = 30'



Subsurface Wastewater Disposal Area Cross-section — Scale: Vertical: 1" = 5'; Horizontal: 1" = 5'



Cut Bed @ least into existing soil 28-30" Below ground now in order to get good soil contact.

Site Evaluators Signature	Date	License Number
Stephen E. Goodwin	Sept. 2, 1982	65