207-416-3833
207-416-3173

Jerald C Smith & Son

669 Troy Road, Burnham, Maine 04922

Septic System Inspections
System Evaluations / Trouble Shooting / Repairs

PROPERTY INFORMATION

Address:	21 Betts Road	Lot Size:	2.00± Acres
Municipality:	Orrington, Maine 04474	Tax Map No:	UNKN
County:	Penobscot	Lot No:	UNKN
Client:	Last Name: Gladeau	First Name: Drew	

SYSTEM INFORMATION

Collected During Records Search and Site Visit

Type:	Pre June 1974		x Post June 1974		Design Capacity	180 GAL.
Dates:	Designed		Permitted		Permit No.	
Current Use:	x Single Family Dwelling - 3 BDRMS		_ Multiple Family Dwelling - UNITS		Commercial	Other
Treatment Tank:	1,000 GAL	Steel	x Concrete	Plastic	Fiberglass	UNKN
Disposal Area:	Cesspool	Trench	x Stone Bed	Proprietary Device:		Other
Designer:					License No.	
Installer:					Vol. Cert. No.	

INSPECTION INFORMATION

Conclusions Drawn from Records Search and Site Visit

Findings:

Malfunction per Rules Identified:	Yes	x No	See Narratives
System Deficiencies Identified:	Yes	x No	See Narratives
Further Investigation Suggested:	Yes	x No	See Narratives

Conclusion:	x No Corrective Action Needed	Corrective Action Recommended

Disclaimer: On the date noted below I completed an inspection of the subsurface wastewater disposal system serving the subject property. The inspection included a review of the property owner, municipal and state records as appropriate, and a visit to the property. This report was completed in accordance with minimum reporting criteria established by the Maine Department of Human Services and adapted in part from the "Maine Septic System Inspection Guidelines" prepared by the Maine Association of Site Evaluators. The information contained in this document accurately describes the conditions observed relative to the specific items referenced in this report that existed on the inspection date. No warranty is made or implied that the conditions described herein are representative of past conditions; will continue beyond the inspection date; or that the subsurface wastewater disposal system will function in compliance with the Maine Subsurface Wastewater Disposal Rules. No interference can be made regarding the condition, status, or functionality of any system characteristic not specifically described in this report.

SEE REVERSE SIDE OF THIS PAGE FOR GENERAL INFORMATION REGARDING THE INSPECTION PROCESS

Jerald C. Smith	Subsurface Wastewater Disposal System Inspector	818 Vol. Cert. No.	3/12/2026 Date
Jerad L. Smith	Subsurface Wastewater Disposal System Inspector	828 Vol. Cert. No.	3/12/2026 Date

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	INSPECTION ITEMS	YES	NO	UNKN	N/A	COMMENTS
1	System Records Search Done	X				see narratives
a.	Design Plan Exists	X				see narratives
b.	Permit Exists	X				
c.	Water Use Records Exist		X			private water
d.	Maintenance Records Exist			X		

			Corrective Action Recommended *(See Narrative)*
1 Records		**No System Deficiencies Noted.**	
1.a.	X	System plan unable to be located.	NO
1.b.		Plan with permit sticker unable to be located.	
1.c.		See narratives below.	

1. System Records Narrative: The owner has a copy of the HHE-200 Subsurface Wastewater Disposal System Application. The Application was designed for a 2-bedroom single family dwelling with a daily design flow of 180-gallons.

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	INSPECTION ITEMS	YES	NO	UNKN	N/A	COMMENTS
2	Internal Plumbing Review Done		X			N/A
a.	Structure Currently Occupied				X	
b.	Garbage Disposal Present				X	
c.	Water Treatment Unit Present				X	
d.	Clothes Washer Present				X	
e.	All Fixtures Connected to System				X	

			Corrective Action Recommended (See Narrative)
2 Internal	X	**No System Deficiencies Noted.**	N/A
2.a.		Plumbing fixture(s) not connected to a system.	
2.b.		Garbage Disposal Present.	
2.c.		Sump pump connected to septic system.	
2.d.		See narratives below.	

2. Internal Plumbing Narrative: An internal plumbing inspection was not conducted.

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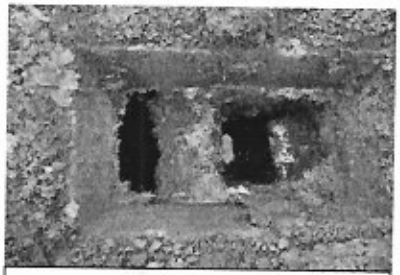
	INSPECTION ITEMS	YES	NO	UNKN	N/A	COMMENTS
3	Septic Tank Present	X				see narratives
a.	General Condition OK	X				concrete
b.	Size OK	X				1,000-gallons
c.	Access for Pumping OK	X				6-8 in. below the surface
d.	Baffles OK	X				concrete outlet baffle
e.	Liquid Levels OK	X				at the outlet invert
f.	Solids Level OK	X				meets state standards

			Corrective Action Recommended (See Narrative)
3 Tank	X	No System Deficiencies Noted.	NO
3.a.		> 12" excavation needed to pump tank.	
3.b.		Cracks/corrosion visible in observed portion of tank.	
3.c.		Tank undersized for current use.	
3.d.		Observed tank not water tight.	
3.e.		Observed sag present in the inlet pipe.	
3.f.		Concrete outlet baffle corroded with portions missing.	
3.g.		Solids/scum exceed 1/3 capacity of tank.	
3.h.		12"x17" outlet access cover damaged.	

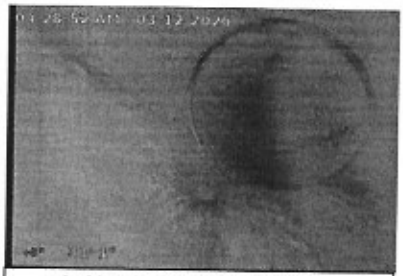
3. Septic Tank Narrative: A 1,000-gallon concrete septic tank was located to the front-left of the dwelling, 6-8+ in. below the surface. The 7"x12" outlet access cover was exposed and removed for the inspection. Observed portions of the tank, baffles and solid levels were satisfactory. The outlet baffle consisted of the original concrete baffle that is casted to the tank wall. The inlet pipe, which consisted of schedule 40 PVC, was scoped from the dwelling. The run was found in satisfactory condition and had proper pitch to the tank. The outlet pipe also consisted of schedule 40 PVC and was a short 6-8' run. The run was scoped and found to have proper pitch as well. In my opinion, the septic tank was in satisfactory condition on the day of the inspection.



1,000-gallon concrete septic tank location



concrete outlet baffle



inside schedule 40 PVC inlet pipe

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	INSPECTION ITEMS	YES	NO	UNKN	N/A	COMMENTS
5	Disposal Area Present	X				see narratives
a.	General Condition OK	X				stone bed
b.	Effluent Contained Below Surface	X				meets state standards
c.	Ground Cover OK	X				meets state standards
d.	Water Supply Setback OK	X				100'+ from the well
e.	Major Waterbody Setback OK	X				meets state standards

			Corrective Action Recommended *(See Narrative)*
5 Field	X	**No System Deficiencies Noted.**	NO
5.a.		Pipe, stone, or proprietary device exposed or damaged.	
5.b.		Malfunction per Chapter 3 Definition.	
		Malfunctioning system: A system that is not operating or is not functioning properly. Indications of a malfunctioning system include but are not limited to, any of the following: ponding or outbreak of waste water or septic tank effluent onto the surface of the ground; seepage of waste water or septic tank effluent into parts of buildings below ground; back-up of waste water into the building served that is not caused by a physical blockage of the internal plumbing; or contamination of nearby water wells or waterbodies/courses.	
5.c.		Observed distribution box damaged.	
5.d.		Severe root intrusion present in the clay pipes.	
5.e.		Tree/tall vegetation growth present over disposal area.	
5.f.		Disposal area functioning marginal for 3-bedroom dwelling.	

5. Disposal Area Narratives: A stone bed type disposal area was present. A camera was introduced into the outlet pipe of the septic tank and ran to the concrete distribution box. Observed portions of the d-box were satisfactory. The splash-plate showed no signs of corrosion and is typically the first to. An inspection site was dug exposing the crushed stone. The stone appeared clean and dry with no past nor present signs of biomat nor a malfunction. Ground and grass cover were satisfactory. In my opinion, this disposal area appeared to be in satisfactory operable condition on the day of the inspection.



disposal area location



observed portions of the d-box



crushed stone clean and dry with no signs of biomat

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6. Corrective Actions: There are no corrective actions needed.