



Improvement Permit for Wastewater Systems

CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT

DIVISION OF ENVIRONMENTAL HEALTH

80 EAST ST., P.O. BOX 130 - PITTSBORO, NC 27312-0130

PHONE 919-542-8208 / FAX 919-542-8288

www.chathamnc.org/environmentalhealth

Expiration Date: May 30, 2030

New

Owner: JUDITH LESSLER Applicant: DAVE KLARMANN
911 Address: TBD Turkey Buzzard Lane, Pittsboro
Parcel Number: 97217
Acres: 12.107
Subdivision Name: N/A
Subdivision Lot: 1C

FACILITY

Facility Type: Single Family Dwelling

Number of Bedrooms: 4 Number of Occupants: 8 Other: n/a

Design Flow: 480 GPD Design Wastewater Strength: Domestic

Type of Water Supply: Private Well

INITIAL SYSTEM

System Type: Ila - Conventional, ≤ 750 linear feet Trench Product: Conventional Gravel
LTAR: 0.25 GPD/ft² Effluent Standard: DSE Saproliite System: No Fill System: No
Tank(s) Size with Risers and Effluent Filter: ST 1,000 Gal PT N/A Gal
Nitrification Line: Length: 640 ft. Width: 3 ft. Max Trench Depth: 18 in. on downslope sidewall
Artificial Drainage Required: No If yes, type/details: n/a

REPAIR SYSTEM

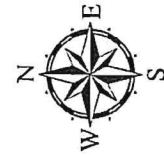
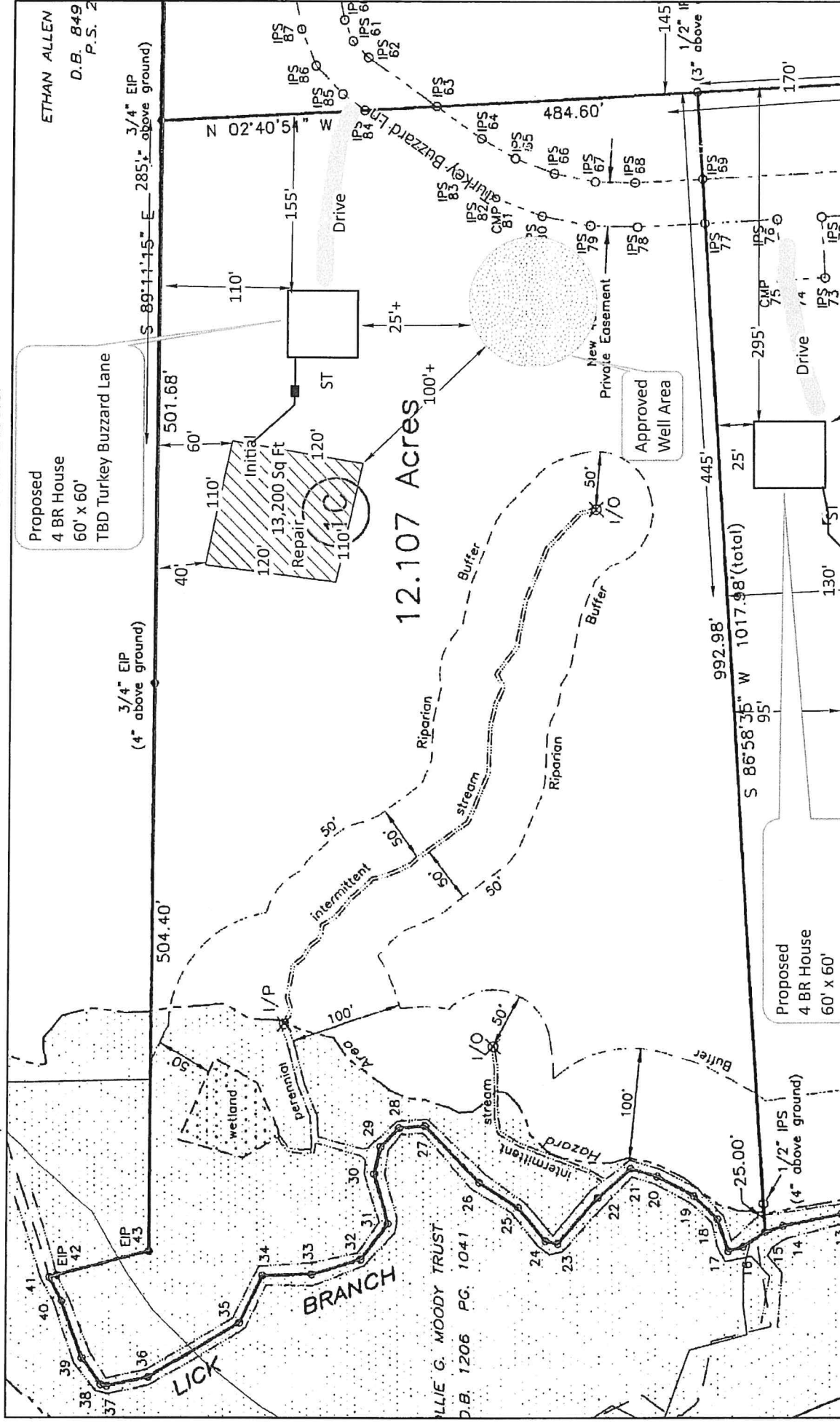
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Artificial Drainage Required: No If yes, type/details: n/a

Drainfield locations meet requirements of Rule .0508: Yes Drainfield locations meet requirements of Rule .0601: Yes

SPECIAL CONDITIONS:

This permit is valid for five years but is subject to revocation if the site plan, plat, or the intended use changes or if the site is altered, soil disturbed, or setbacks violated. The issuance of this permit in no way guarantees the issuance of other permits. The permit holder is responsible for verifying with appropriate governing bodies in meeting their requirements. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of 15A NCAC 18E and to the conditions of this permit. A department issued accompanying site plan must be attached to be valid. A Construction Authorization must be obtained from this office before installation and prior to applying for building permits.

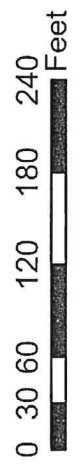
Issued by:  NC Registration #: 2977 Date: 5/30/2025
Ray Milosh – Registered Environmental Health Specialist



Legend	
	Existing Wells
	Approved Well Area
	Existing System Area
	Approved System Area
	Road Centerlines
	Parcels
	Lakes / Ponds
	Building Footprints (2023)

Author: *Rafaela*

Date: 5/30/2025



DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: _____
COUNTY: CHATHAM

Lot 1C

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: JUDITH LESSLER DATE EVALUATED: 5/22/25
ADDRESS: TBD Turkey Ballard Lane
PROPOSED FACILITY: SF DRAINAGE PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: _____
EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW

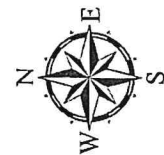
#	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				.0509 PROFILE CLASS & LTAR*	.0502 SLOPE CORREC TION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ		
1, 2	LS 2-5	0-40	sbk c	fr se	—	PM 40"	—	—	5 0.275	2
3	LS	0-36	sbk c	fr se	1.5 yr 6/2 38"	—	—	—	5 0.25	2
4	LS 2-5	0-32	sbk c	fr se	—	PM 32"	—	—	5 0.3	2

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>5</u> EVALUATED BY: <u>Ray Mueser</u> OTHER(S) PRESENT: <u>DAVE KLARMANN</u>
Available Space (.0508)	<u>✓</u>	<u>✓</u>	
System Type(s)	<u>II</u>	<u>II</u>	
Site LTAR	<u>0.25</u>	<u>0.23</u>	
Maximum Trench Depth	<u>18</u>	<u>18</u>	

Comments: _____

1D
1C 1B

Owner: Judith Lessler



- Legend**
-  Auger Boring Sites
 -  Existing Wells
 -  Approved Well Area
 -  Existing System Area
 -  Road Centerlines
 -  Parcels
 -  Lakes / Ponds
 -  Building Footprints (2023)

Author: Ray Cippollet

Date: 5/30/2025

