ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-3625

BCW

PERMIT : OSWP 2024-462960

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM Repair

PIN # 4843 -- 53 -- 1705

APPLICANT/OWNER: Jeanie Lentz

APPLICANT ADDRESS: 463 Lentz Rd Statesville NC 28625

SITE ADDRESS: 3549 Jennings Rd Union Grove, NC 28689

PHONE: 980-829-3278

ALT. PHONE 704-437-3461

SITE DIRECTIONS: Hwy 21 N → (L) Jennings Rd → on (L) @ end of Jennings

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: —

SECTION: —

LOT # —

LOT AREA: 21.43

DESIGN FLOW: EXT

L.T.A.R.(Initial): EXT

L.T.A.R (Repair): 0.3

Septic Tank	1000 (gal)	STB	760	Date	1-7-2024	☐ New System	☒ Repair	☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT		Date		System Description:	—		
Pump Make		Model		Serial #		Repair System Description:	TANK REPLACE + 60' 25% Red.		
# Nitrification Fields	1	# Lines	3EXT + 1 NEW	Linear Ft	+60'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36"	*Max. Trench Depth(Initial)	EXT	*Max. Trench Depth(Repair)	34"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE

* Measured on the downhill side of the trench

Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

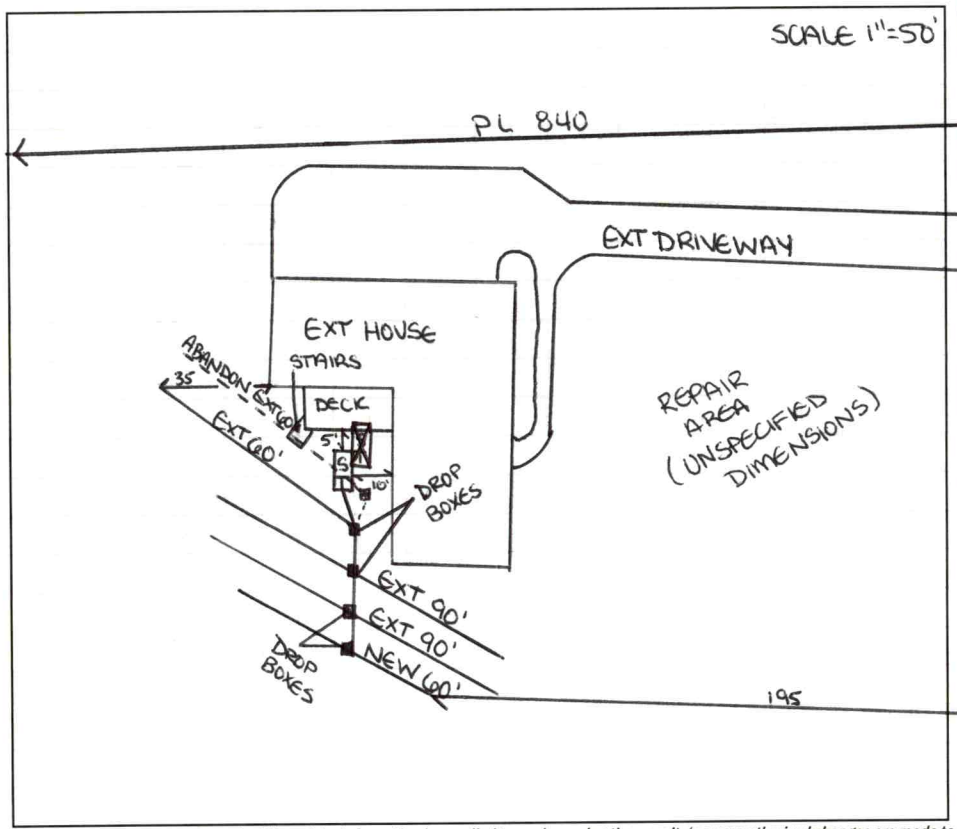
Usable Depth to LC (Initial): EXT

Usable Depth to LC (Repair): 51" *Limiting Condition*

☒ Residence	No. Bedrooms	EXT	Water Supply	
☐ Business	No. Persons	EXT	☐ Private	
☐ Other	No. Employees	—	☒ Public	
☐ Slab	☒ Crawl Space		☐ Community	
☐ Basement w/plumbing		☐ Basement w/o plumbing		

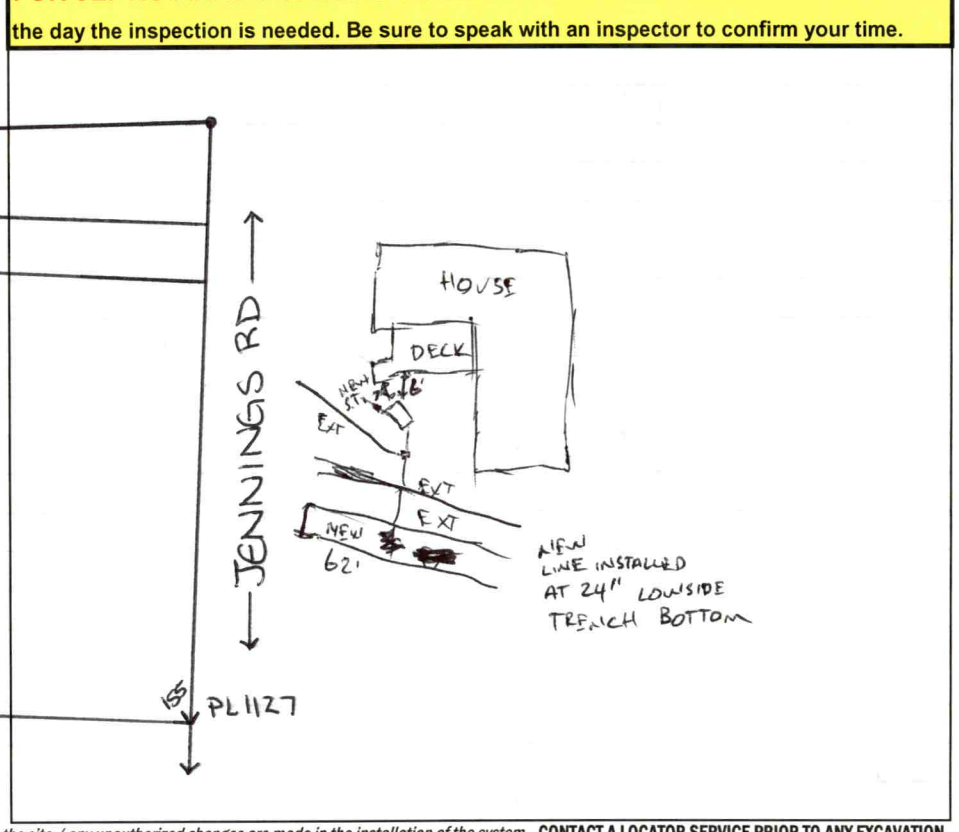
Comments / Conditions: Pump, crush, fill existing tank. Abandon top 60' line. Install new 60' line. Keep new tank 5' from existing deck + 10' from house. Earthen dam at tank on existing line to be abandoned.

INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.



Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** ***with plat*** *valid without expiration.* ☒ **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: ONLINE Date: —

Installed by: LENTZ WASTEWATER

IMPROVEMENT PERMIT by: Sarah Williams Date: 2/15/24

OPERATION PERMIT by: Bryant C. White Date: 5-5-2024

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 2/15/24

Existing System Inspected by: Date:

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

PERMIT SNAPSHOT REPORT OSWP-2024-46296 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	02/02/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	PRIORITY PERMIT	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Bracken, Sarah	**Approval Expire Date:**	

Description: REPAIR PLEASE ASSIGN TO SARAH. The authorization to construct permit issued on 1/25/24 can not be installed as drawn. Talked to Sarah Williams, and she advised us to reapply.

Parcel: 4843531705.000 Main	**Address:** 3549 Jennings Rd Main Union Grove, NC 28689	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Property Owner	Applicant/Authorized Agent
Jeanie Lentz	Mo Lunsford	Jeanie Lentz
Home: (980) 829-3278	Home: (704) 437-3461	463 Lentz Road Statesville, NC 28625

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Repair	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	N/A
What are the proposed structures	Other Addition/Structure	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	0	Foundation Type	Crawl Space Foundation	Residential/Business/Other	Residential
Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jeanie_Lentz_2/2/2024.jpg	02/02/2024 16:32	Lentz, Jeanie		Uploaded via CSS
3549_Jennings_Rd-_Authorize_Legal_Representative-mo_uniongrovelumber.com_v1.pdf	02/05/2024 8:18	Lentz, Jeanie	Available Online	

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		02/05/2024 8:18	02/05/2024 8:19
Confirm application complete v.1	Generic Action		02/05/2024 8:19
~~**Zoning Review v.1**~~			02/05/2024 8:18
~~Floodplain Admin Overview v.1~~	Task		02/05/2024 8:18
~~Issue Invoice v.1~~	Generic Action		02/05/2024 8:18
~~Fees Paid v.1~~	Generic Action		02/05/2024 8:18
Fees v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		

PERMIT SNAPSHOT REPORT (OSWP-2024-46296)

Permit Completion Process v.1	
Authorization to Construct Permit v.1	Create Sub Permit
Issue Authorization to Construct v.1	Generic Action

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

PROPERTY ID #: 4843-53-1705
COUNTY: IREDELL

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

OWNER: Mo Lunsford (Jeanie Lentz) DATE EVALUATED: 2/14/24
ADDRESS: 463 Lentz Rd Statesville NC 28625
PROPOSED FACILITY: REPAIR PROPOSED DESIGN FLOW (.0400): EXT 360 PROPERTY SIZE: 21.43 AC
LOCATION OF SITE: 3549 Jennings PROPERTY RECORDED: Y
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other - WATER SUPPLY SETBACK: 10
EVALUATION METHOD: (Auger Boring) Pit Cut TYPE OF WASTEWATER: (Domestic) High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LS 5-7%	0-33	C BK	S P SE FR	few SAP incl in	(51)	CL 33-51	-	S 0.3	2"
		33-51	CL BK	SS SP SE FR						
2										
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	X	60'
System Type(s)		Gravity 25%
Site LTAR		0.3
Maximum Trench Depth		34"

SITE CLASSIFICATION (.0509): S 0.3
EVALUATED BY: S. Williams
OTHER(S) PRESENT:

Comments:

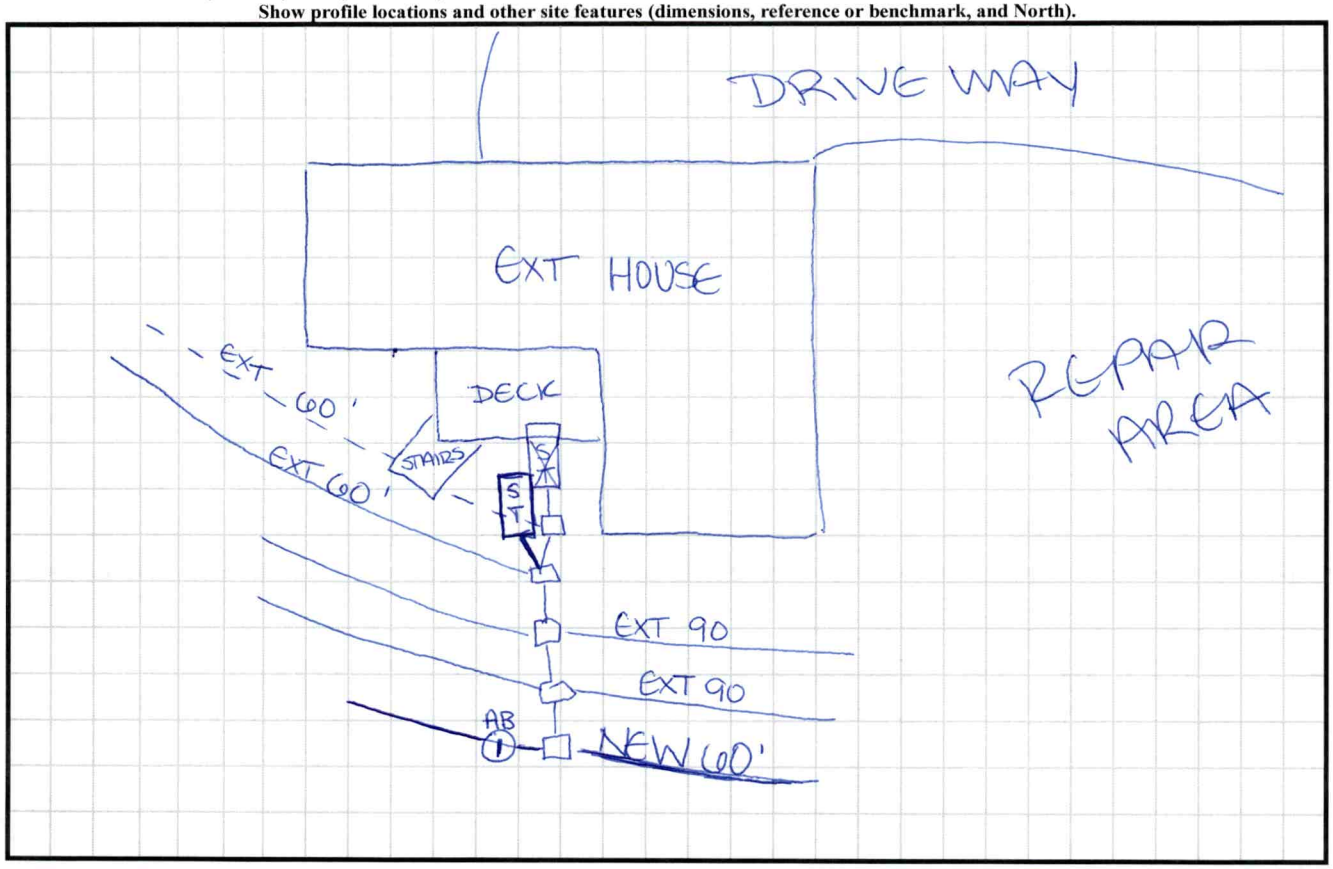
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North).





Tax Map Information

• PIN	4843531705.000
• Address	3549 JENNINGS RD
• Account #	Acct 77398552
• Tax Owner	LUNSFORD MAURICE A
• Mailing Address	PO BOX 346
•	UNION GROVE, NC 28689
• GIS Owner	LUNSFORD MAURICE A+DEE W
• Deed Info	3008 / 2214 - WD - 20230809
• Tax Acres	21.43 AC
• Lot #	
• Description	HENDERSON SR1892
• Zoning	RA
• Old Parcel #	0516M00000A059C
• Bldg Value	$301,140
• OBXF Value	$7,260
• Land Value	$156,010
• Total Value	$464,410
• Defer Value	$115,530
• Tax Districts	-ALLCNTY FIRE- -

IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 11/15/2023
Data updated 11/14/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

