ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT : OSWP 2024-44587 (OSWP)

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

PIN # 4665-35-2919

APPLICANT/OWNER: Jeanie Lentz | APPLICANT ADDRESS: 463 Lentz Road Statesville 28625

SITE ADDRESS: 1252 Shearers Rd, Mooresville 28115 | PHONE: 980-829-3278 | ALT. PHONE: —

SITE DIRECTIONS: S. Main St. - (R) Shearers - Lot on (L) | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: — | SECTION: — | LOT #: — | LOT AREA: .46 | DESIGN FLOW: 360gpd | L.T.A.R.(Initial): — | L.T.A.R (Repair): .3

Septic Tank	1000 (gal)	STB	760	Date	2-24-24	☐ New System ☑ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT		Date		System Description: —		☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description: VPPBPS - 50% Reduction		☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5	Linear Ft	200'	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space
Trench Width	24"	*Max. Trench Depth(Initial)	—	*Max. Trench Depth(Repair)	48"	Gravel Depth —	☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

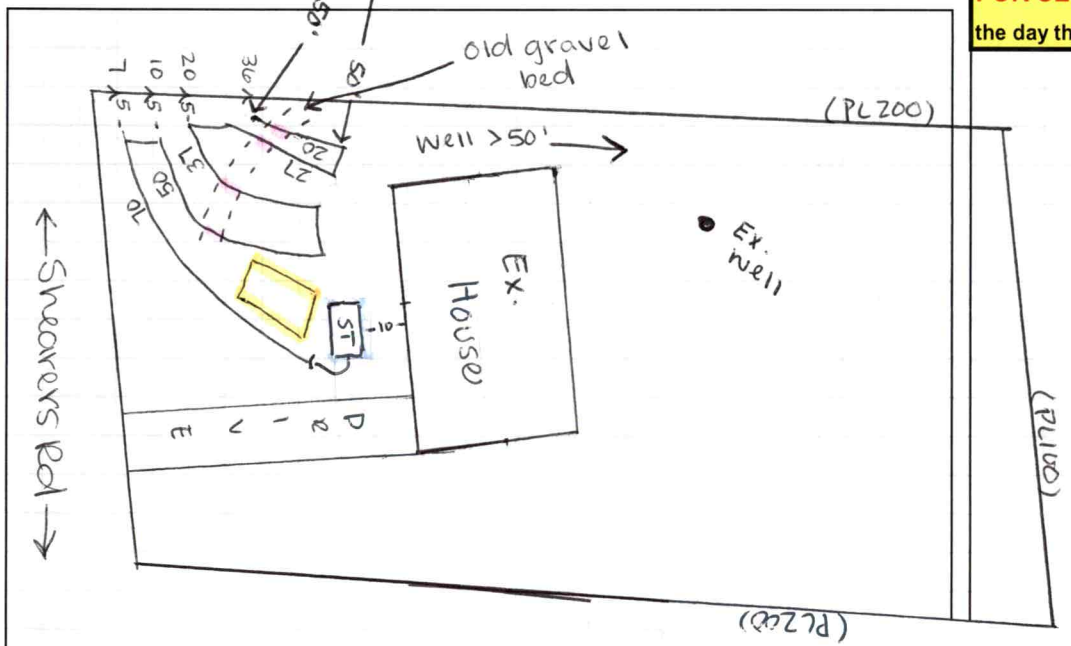
* Measured on the downhill side of the trench — Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 — Usable Depth to LC (Initial): — — Usable Depth to LC (Repair): 60" — *Limiting Condition*

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: Keep all lines 50' away from neighbors well. Keep 5' from all property lines. Use Serial distribution to feed lines.

Install lines on 6' centers. Do not pave, grade, or park on drainfield. Divert all drainage away from drainfield. DO Not shallow up.

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.

1" = 40'

→ New S.T to be set

→ Ex. S.T hole in ground - Pump, crush, fill

→ Hard pipe through ex. gravel bed

* Use manufactors specifications to properly Serial feed lines

- Lines 5' off house to achieve footage needed.
- L1 - 70'
  L2 - 57'
  L3 - 41'
  L4 - 32'
  - 58' to neighbors well

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.*

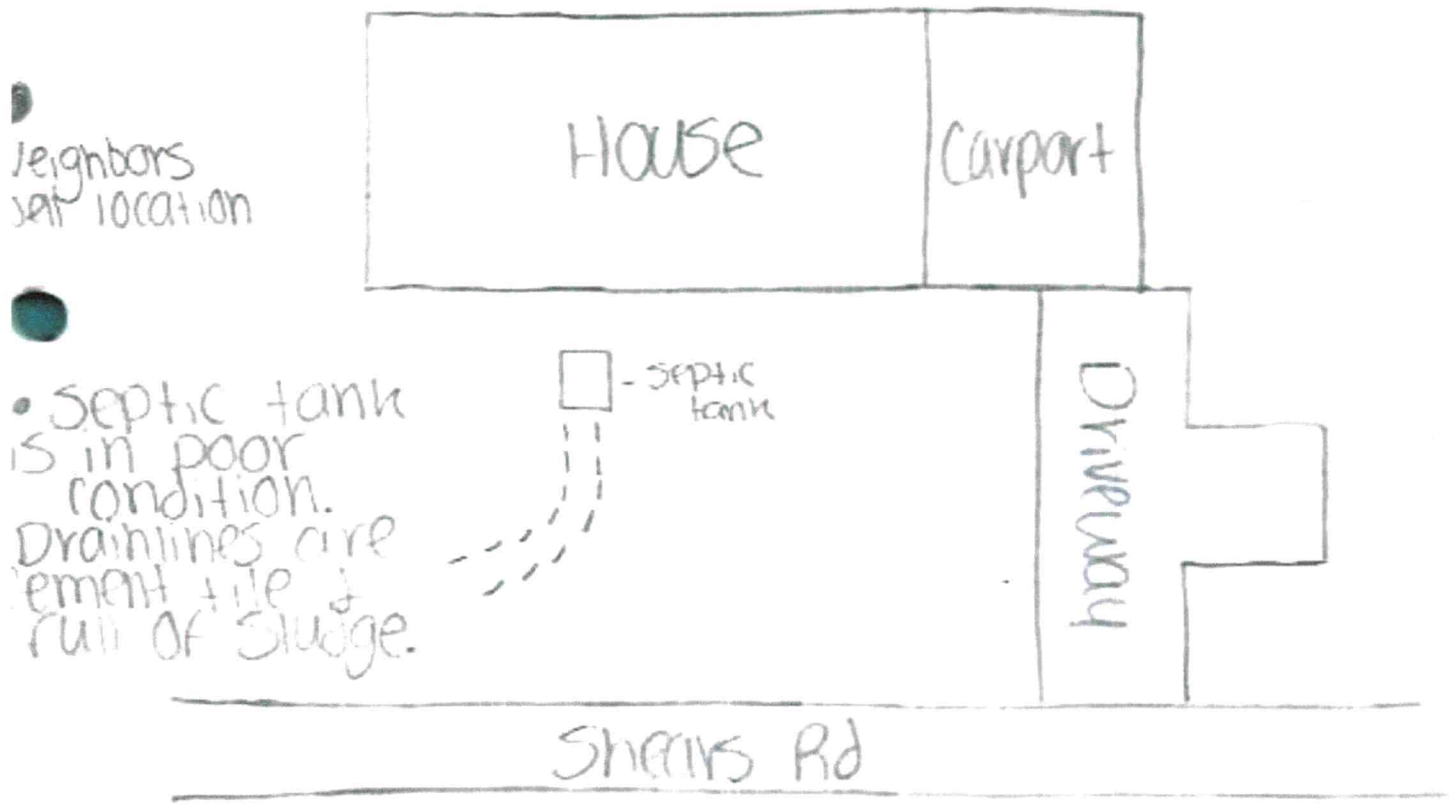
Owner / Applicant Signature: online | Date: — | Installed by: Lentz

IMPROVEMENT PERMIT by: Sydney Holland | Date: 2/9/24 | OPERATION PERMIT by: Sydney Holland | Date: 3/21/24

AUTHORIZATION TO CONSTRUCT by: Sydney Holland | Date: 2/9/24 | Existing System Inspected by: — | Date: —

1252 Shearers Rd

Well Location



Neighbors septic location

Septic tank is in poor condition. Drainlines are cement tile & full of sludge.

Address: 1252 Shearers Rd MVL
Current HO: Traci McNeely
HO #: 704-891-0388
# of Bed: 3 **# of Occupants:** 2
Foundation Type: (Crawlspace) Slab B/WP B/WOP
Water supply: Public (Well) **Other:** _____

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

PROPERTY ID #: 4665352919
COUNTY: Iredell

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Traci McNeelly DATE EVALUATED: 2/7/24
ADDRESS: 1252 Shearer
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360gpd PROPERTY SIZE: 0.46
LOCATION OF SITE: 1252 Shearer PROPERTY RECORDED: Yes
WATER SUPPLY: ☑ Public ☑ Single Family Well ☐ Shared Well ☐ Spring ☐ Other _____ WATER SUPPLY SETBACK: 50'
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 3%	0-5	Org.	SS-SP-FR-SE xP	—	60"	—	—	PS .3	
		5-60	C-SBK	SS-SP-FR-SE xP						
2	LS 4%	0-48	RC-SBK	SS-SP-FR-SE xP	—	60"	—	—	PS .3	
		40-60	Br C-SBK							
		48-60	→							
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	—	200'
System Type(s)	—	50
Site LTAR	—	.3
Maximum Trench Depth		48"

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: S. Holland
OTHER(S) PRESENT: B. Botkins G. McNeely

Comments: Hard pipe thru ex. system
Keep 50' out of well

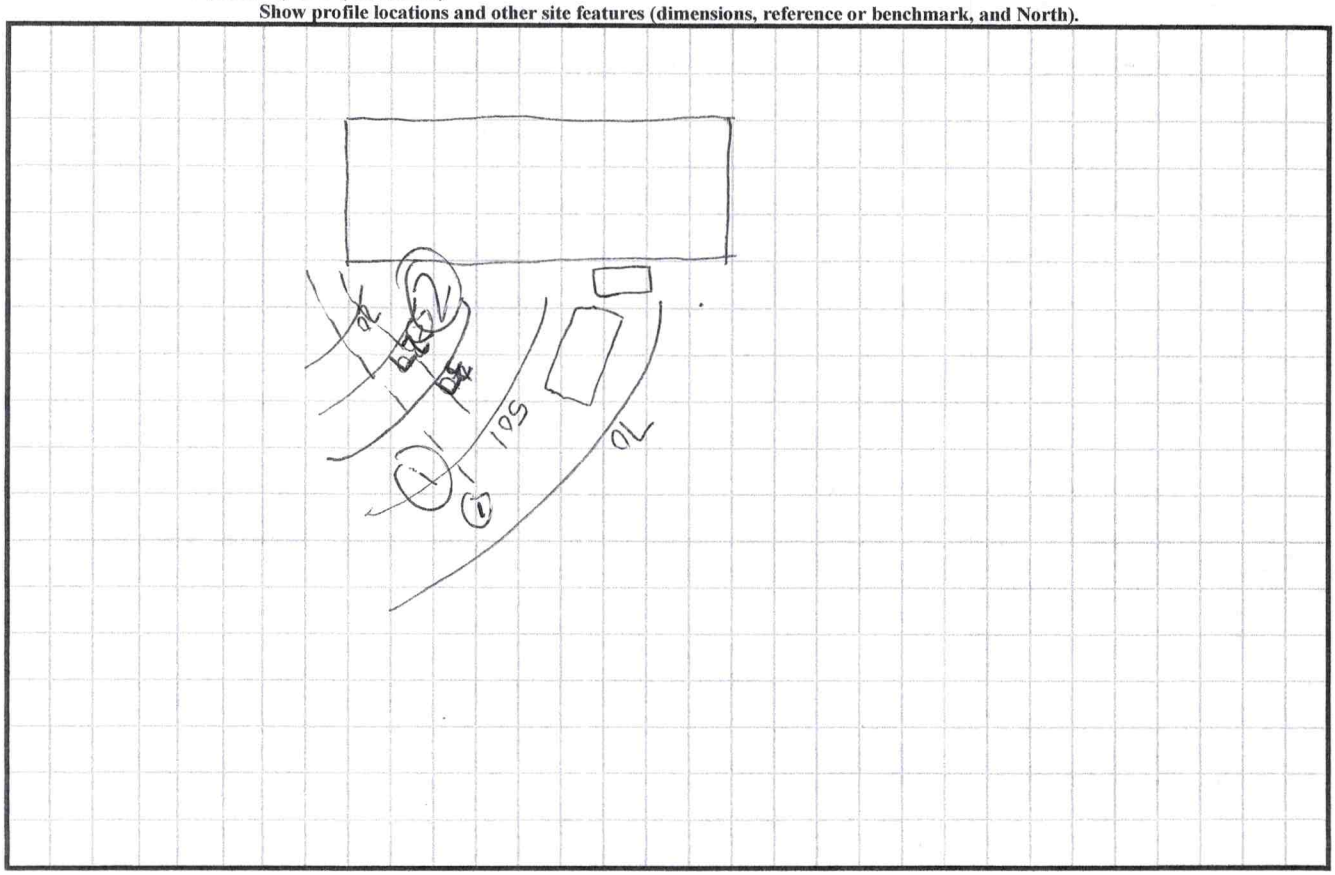
LEGEND

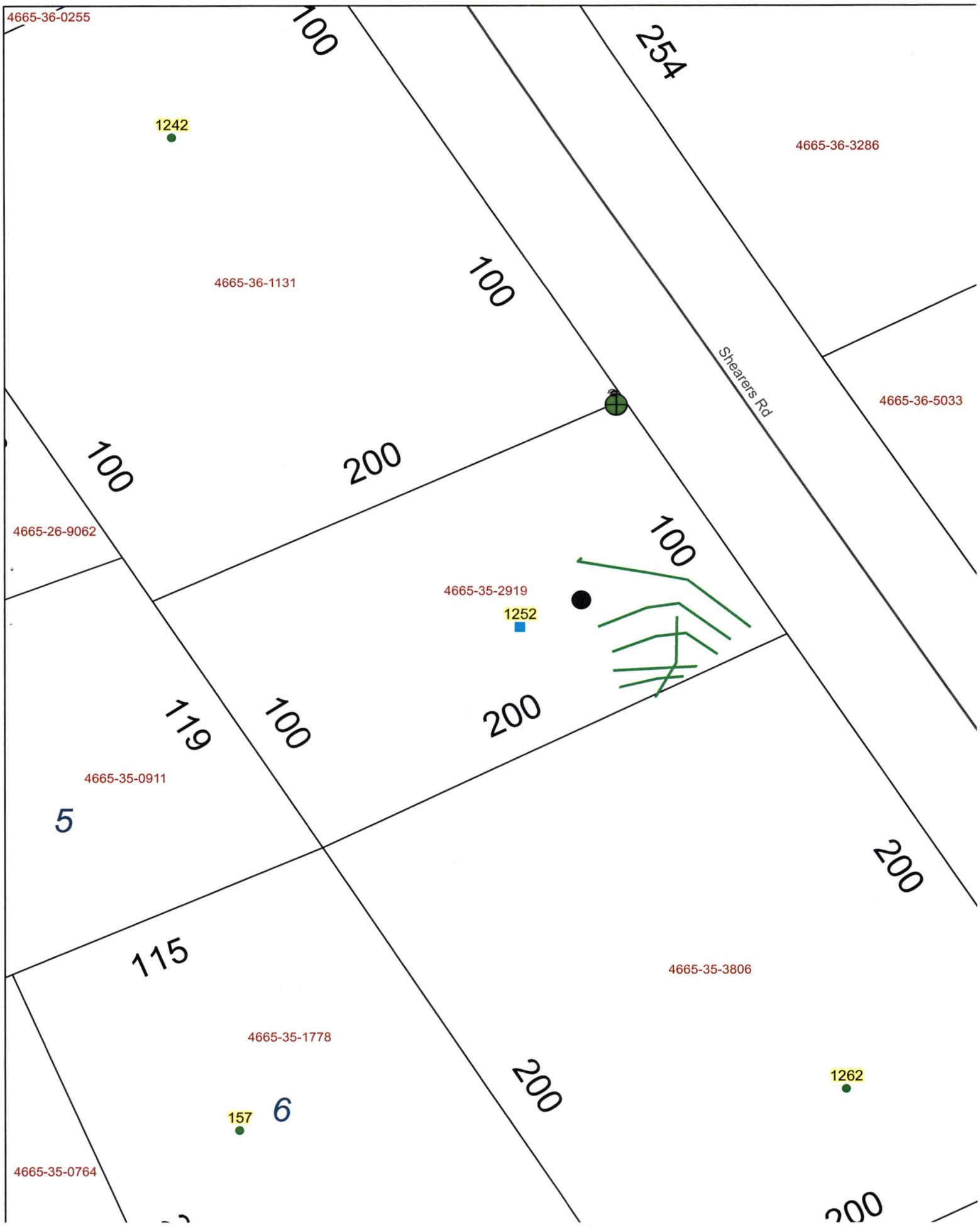
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	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).




4665-36-0255
100
254
1242
4665-36-3286
4665-36-1131
100
Shearers Rd
4665-36-5033
100
200
4665-26-9062
100
4665-35-2919
1252
119
100
200
4665-35-0911
5
200
115
4665-35-3806
4665-35-1778
200
1262
157
6
4665-35-0764
200

PERMIT SNAPSHOT REPORT OSWP-2024-44587 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/10/2024
Work Class:	EH Septic Permit	**District:**	Mooresville	**Exp Date:**	NOT AVAILABLE
Status:	PRIORITY PERMIT	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Holland, Sydney	**Approval Expire Date:**	

Description: septic tank is in poor condition. Drain lines are cement tile and full of sludge.

Parcel: 4665352919.000 Main	**Address:** 1252 Shearers Rd Mooresville, NC 28115 Main	**Zone:** MOORESVILLE(MOORESVILLE)

Applicant/Authorized Agent Jeanie Lentz Home: (980) 829-3278	Property Owner Traci McNeely Home: (704) 891-0388	Applicant/Authorized Agent Jeanie Lentz 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	2	Foundation Type	Crawl Space Foundation	Water Supply	Existing Well
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_1/10/2024.jpg	01/10/2024 16:50	Lentz, Jeanie		Uploaded via CSS
1252 Shearers Rd Mvl Site Plan [98]_v1.pdf	01/11/2024 8:22	Nebel, Barbara	Available Online	Site Plan
1252_Shearers_Rd-_Authorize_Legal_Representative-tracismcneely_yahoo.com[24]_v1.pdf	01/11/2024 8:22	Nebel, Barbara	Available Online	Authorize to Act as Agent

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/11/2024 8:22	01/11/2024 8:22
Confirm application complete v.1	Generic Action		01/11/2024 8:22
Environment Health Inspections v.1			
Operation Permit Inspection v.1	Inspection		
OSWP Alarm Checked v.1	Inspection		
OSWP Drain Lines Checked v.1	Inspection		
OSWP Electrical Checked v.1	Inspection		
OSWP Floats Checked v.1	Inspection		
OSWP Maintenance Contract v.1	Inspection		
OSWP Pressure Head Checked v.1	Inspection		
OSWP Pressure Manifold Checked v.1	Inspection		
OSWP Tanks Checked v.1	Inspection		
~~**Zoning Review v.1**~~			01/11/2024 8:22
~~Floodplain Admin Overview v.1~~	Task		01/11/2024 8:22
~~Issue Invoice v.1~~	Generic Action		01/11/2024 8:22
~~Fees Paid v.1~~	Generic Action		01/11/2024 8:22

PERMIT SNAPSHOT REPORT (OSWP-2024-44587)

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