ICHD - ENVIRONMENTAL HEALTH DIVISION

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

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

PERMIT : OSWP 2025 - 85872

PIN # 4752 -- 60 -- 3575

APPLICANT/OWNER: Larry McCoy APPLICANT ADDRESS: 897 Shiloh Rd Statesville, NC 28677

SITE ADDRESS: 897 Shiloh Rd Statesville, NC 28677 PHONE: (704) 450-8208 ALT. PHONE -

SITE DIRECTIONS: Amity Hill, Shiloh SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 2.44 Ac DESIGN FLOW: 360 L.T.A.R.(Initial): - L.T.A.R (Repair): .325

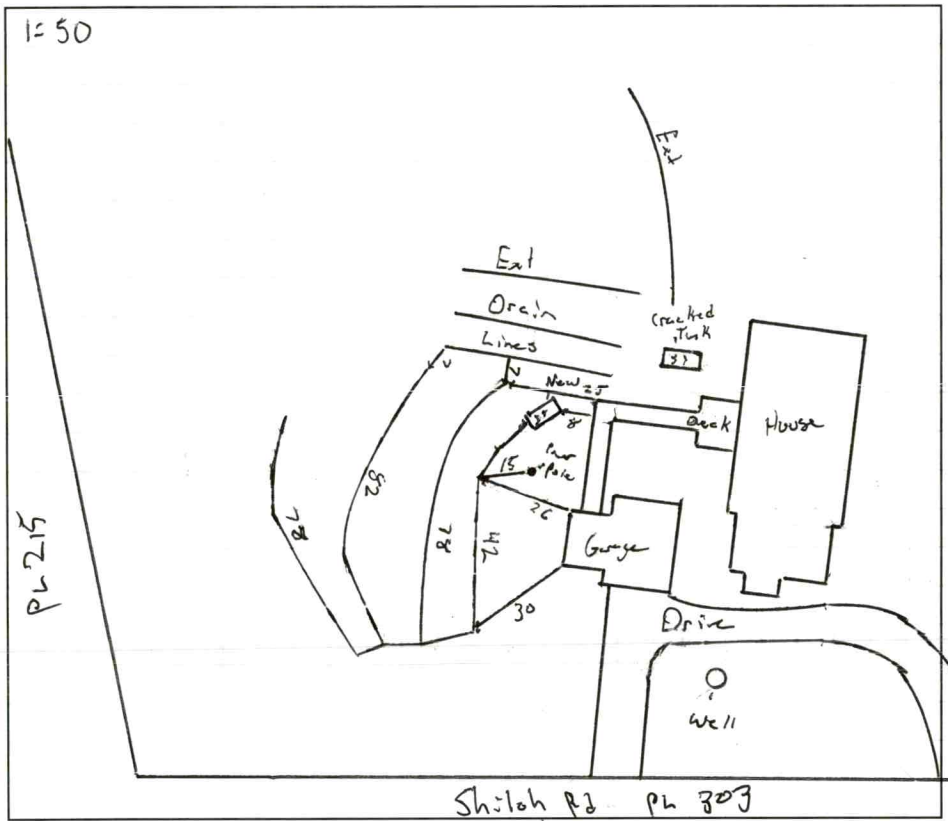
Septic Tank	1000	(gal)	STB 760	Date		☐ New System	☒ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank		(gal)	PT	Date		System Description: -				☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description: 25% Reduction - Serial				☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft	277	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36 in	*Max. Trench Depth(Initial)	-	*Max. Trench Depth(Repair)	30 in	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): 48 in Usable Depth to LC (Repair): 48 in *Limiting Condition*

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour with 9ft centers. Stay 15ft off power pole. Pump, crush and fill cracked tank. Cut off connection to old lines.

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.

Installed as Drawn

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 Signature Date: Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Matt Wilkie Date: 10/31/25 OPERATION PERMIT by: Cary Hill Date: 11/18/25

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie Date: 10/31/25 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? _____	

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

PROPERTY ID #: 4752603575
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Lorri McCoy DATE EVALUATED: 10/30/25
ADDRESS: 647 Shiloh Statesville, NC 28677
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 2.44 Ac
LOCATION OF SITE: 647 Shiloh Rd Statesville, NC 28677 PROPERTY RECORDED: yes
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other _____ WATER SUPPLY SETBACK: 50ft
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	CS 4%	0-30	C/SBK	SS sp frSE	-	48	Sap inclusions in CL	-	S .328	2
		30-48	CL/SBK	SS sp frSE						
2	CS 4%	0-24	C/SBK	SS sp frSE	-	48	Sap inclusions in CL	-	S .325	2
		24-48	CL/SBK	SS sp frSE						
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	X	360
System Type(s)		25%
Site LTAR		.325
Maximum Trench Depth		36in

SITE CLASSIFICATION (.0509): S
EVALUATED BY: Matt W
OTHER(S) PRESENT: Cory W

Comments: _____

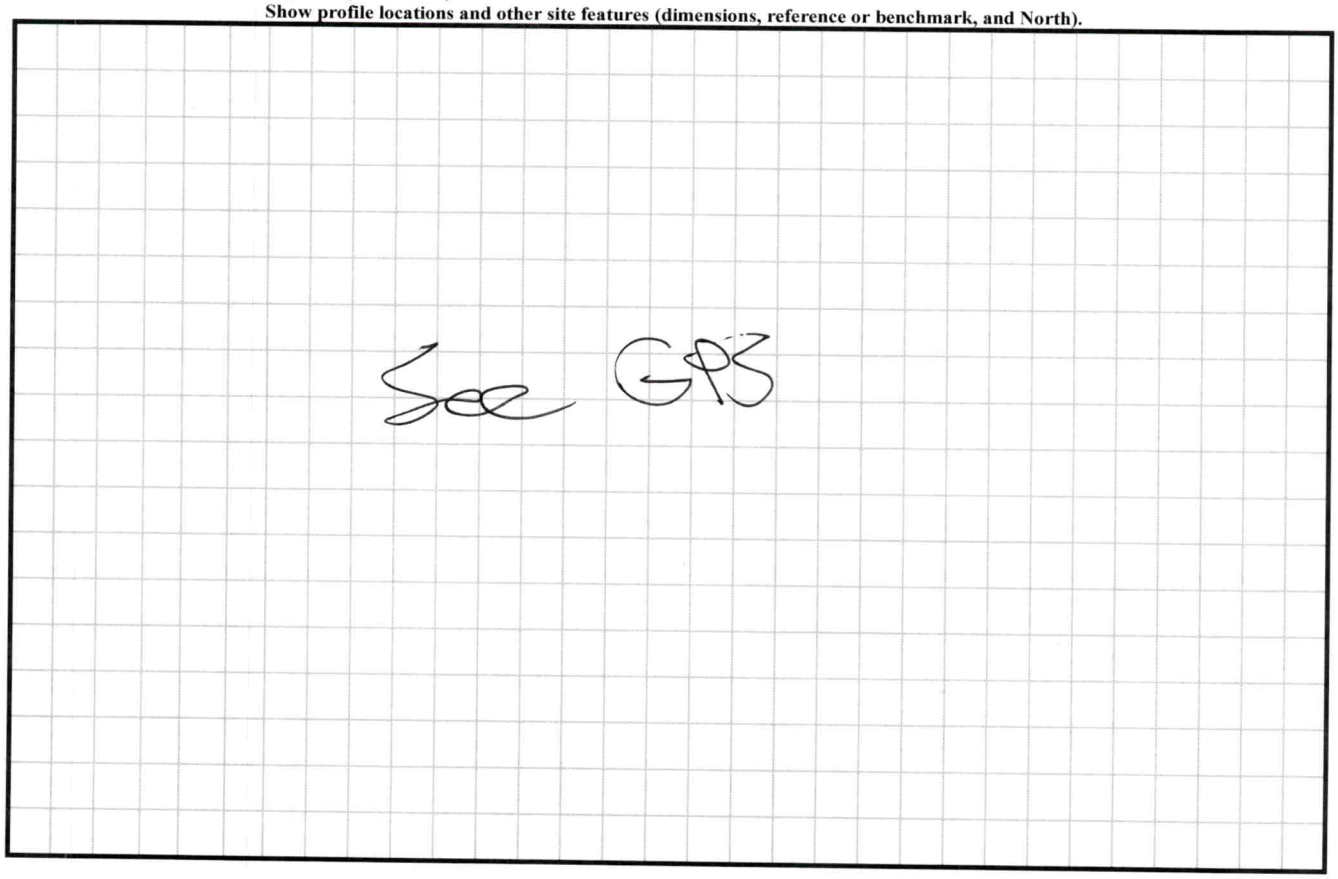
LEGEND

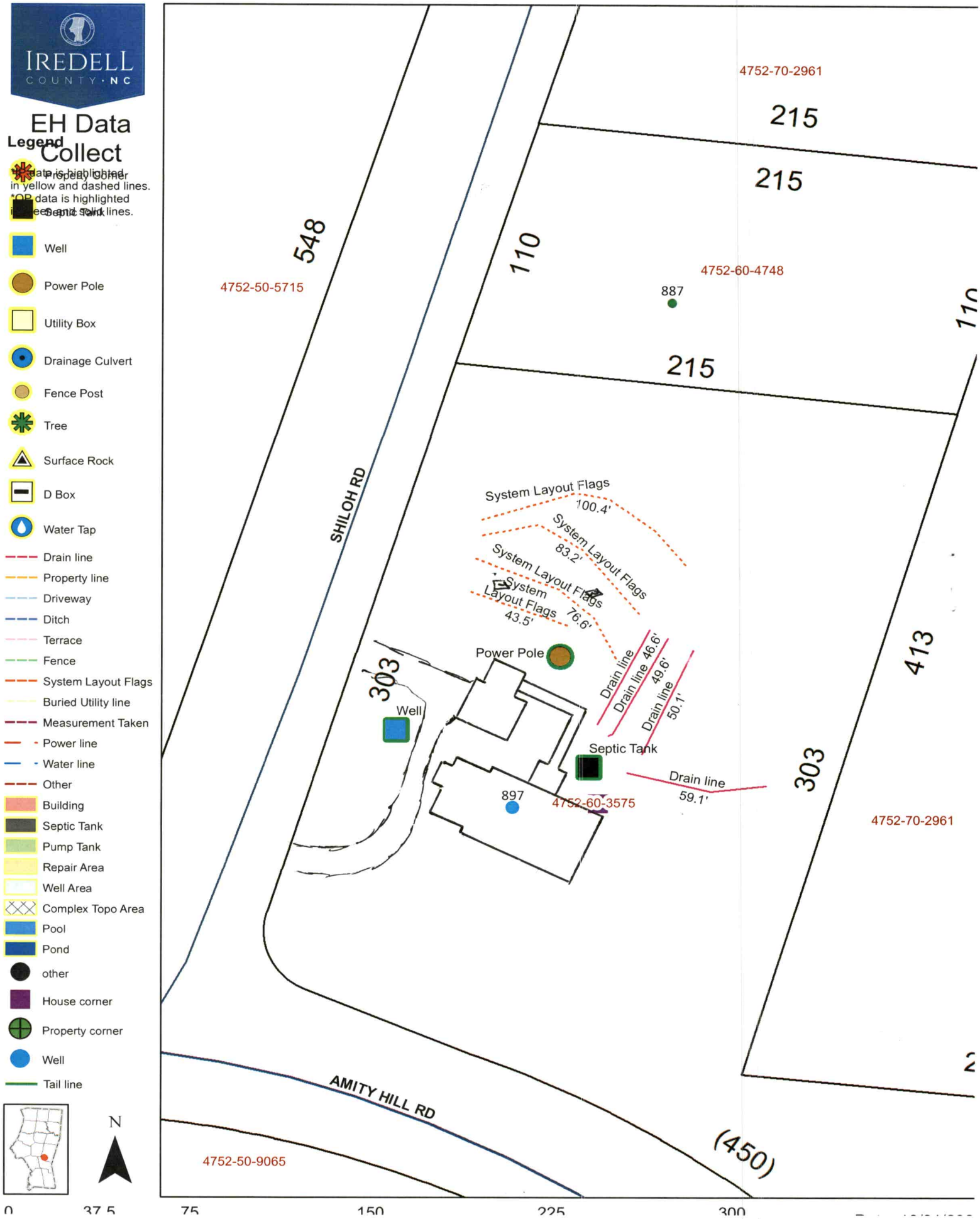
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)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




IREDELL
COUNTY · NC
EH Data Collect
Legend
Property Corner
Septic Tank
Well
Power Pole
Utility Box
Drainage Culvert
Fence Post
Tree
Surface Rock
D Box
Water Tap
Drain line
Property line
Driveway
Ditch
Terrace
Fence
System Layout Flags
Buried Utility line
Measurement Taken
Power line
Water line
Other
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
other
House corner
Property corner
Well
Tail line
4752-70-2961
215
215
548
110
4752-60-4748
887
4752-50-5715
215
SHILOH RD
System Layout Flags
100.4'
System Layout Flags
83.2'
System Layout Flags
System Layout Flags
43.5'
76.6'
Power Pole
303
Well
Drain line
46.6'
Drain line
49.6'
Drain line
50.1'
Septic Tank
Drain line
59.1'
897
4752-60-3575
413
303
4752-70-2961
AMITY HILL RD
(450)
4752-50-9065
N
0
37.5
75
150
225
300

PERMIT SNAPSHOT REPORT OSWP-2025-85372 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/22/2025
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:**	Wilkinson, Matthew	**Approval Expire Date:**	

Description: Backing up into house, tank overfull. Hole in top of septic tank. Found one terracotta line headed straight to the back of the property, little or no gravel around it, felt like terracotta pieces under it. Surfacing at the tank. Jerry Wyatt: 704-903-3097

Parcel: 4752603575.000 Main	**Address:** 897 Shiloh Rd Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Larry McCoy	Jeanie Lentz
Home: (704) 450-8208	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
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	No Preference
If other septic system type, please explain		Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jeanie_Lentz_10/22/2025.jpg	10/22/2025 14:24	Lentz, Jeanie		Uploaded via CSS
A1-Site Plan_v1.pdf	10/22/2025 14:50	Lentz, Jeanie	Available Online	
B1-Authorize to Act as Agent_v1.pdf	10/22/2025 14:50	Lentz, Jeanie	Available Online	
Shiloh pic 1_v1.pdf	10/22/2025 14:51	Lentz, Jeanie	Available Online	
Shiloh pic 2_v1.pdf	10/22/2025 14:51	Lentz, Jeanie	Available Online	

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/22/2025 14:57	10/22/2025 14:57
Confirm application complete v.1	Generic Action		10/22/2025 14:57
Lot Readiness Verification v.1			
~~OSWP Septic Preliminary Site Visit v.1~~	Inspection		10/22/2025 14:57
OSWP Site Evaluation v.1	Inspection		
~~**Zoning Review v.1**~~			10/22/2025 14:57
~~Floodplain Admin Overview v.1~~	Task		10/22/2025 14:57
~~Iredell County Zoning Approval v.1~~	Task		10/22/2025 14:57
~~Issue Invoice v.1~~	Generic Action		10/22/2025 14:57
~~Fees Paid v.1~~	Generic Action		10/22/2025 14:57
Fees v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		

PERMIT SNAPSHOT REPORT (OSWP-2025-85372)

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