ICHD - ENVIRONMENTAL HEALTH DIVISION

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

(BB) BLDR-2023-40663 | PERMIT : OSWP 2024-46785

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM (EXPANSION) | PIN # 4775 - 25 - 4910

APPLICANT/OWNER: Misty Hershberger | APPLICANT ADDRESS: 197 Sain Rd, Statesville

SITE ADDRESS: 197 Sain Rd, Statesville 28625 | PHONE: 704-840-6430 | ALT. PHONE -

SITE DIRECTIONS: 64 E - Sain | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Salem Park | SECTION: | LOT # 47+48 | LOT AREA: | DESIGN FLOW: 600 gpd | L.T.A.R.(Initial): 0.25 | L.T.A.R (Repair): 0.25

Septic Tank	1500	(gal)	STB	190	Date	10-5-23	☐ New System	☐ Repair	☒ Expansion	System Type: I II III IV V VI	
Pump Tank	1500	(gal)	PT	201	Date	11-14-23	System Description:			HPPBPS	
Pump Make	Champion	Model	½ hp		Serial #		Repair System Description:			LP - HPPBPS	
# Nitrification Fields	1	# Lines	5		Linear Ft	400'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	24 in	*Max. Trench Depth(Initial)	57 in		*Max. Trench Depth(Repair)	57 in	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): 73 in

☒ Residence | No. Bedrooms 5 | ☐ Business | No. Persons 10 | ☐ Other | No. Employees | ☐ Slab | ☐ Crawl Space | ☒ Basement w/plumbing | ☐ Basement w/o plumbing

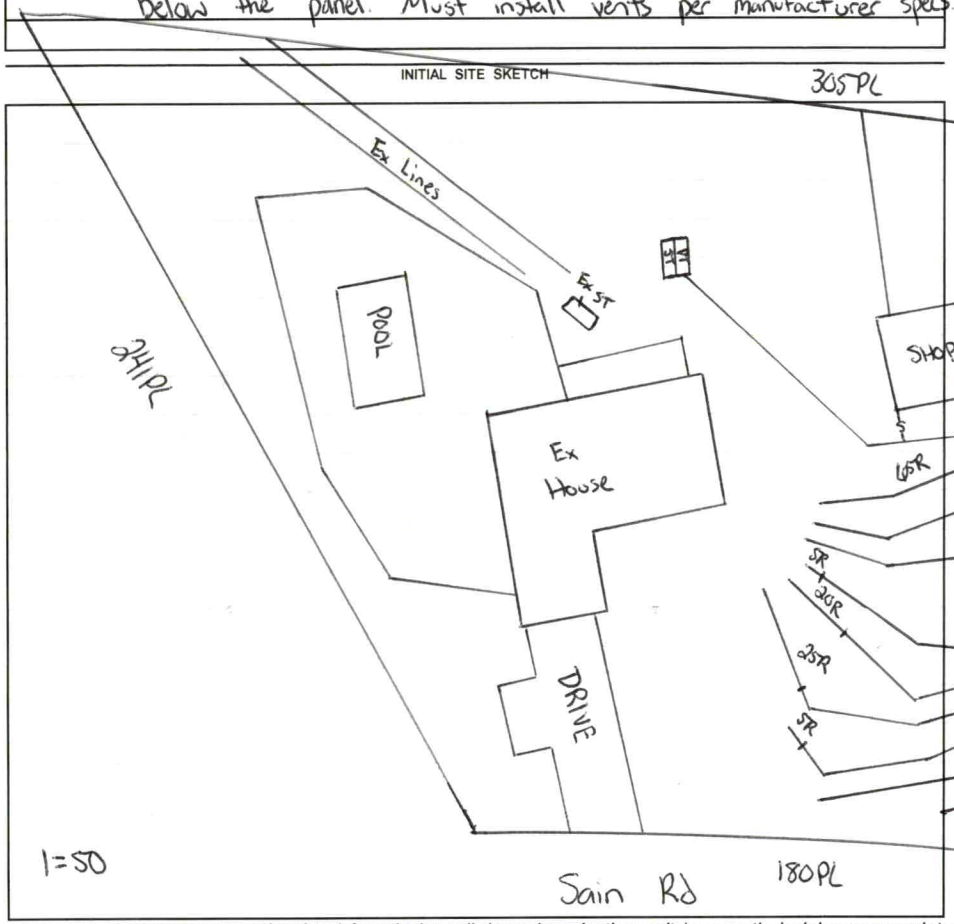
Water Supply: ☐ Private ☒ Public ☐ Community

Usable Depth to LC (Repair): 73 in | *Limiting Condition*

Comments / Conditions: Install on 6' centers. Install 9 inches of sand below the panel. Must install vents per manufacturer specs.

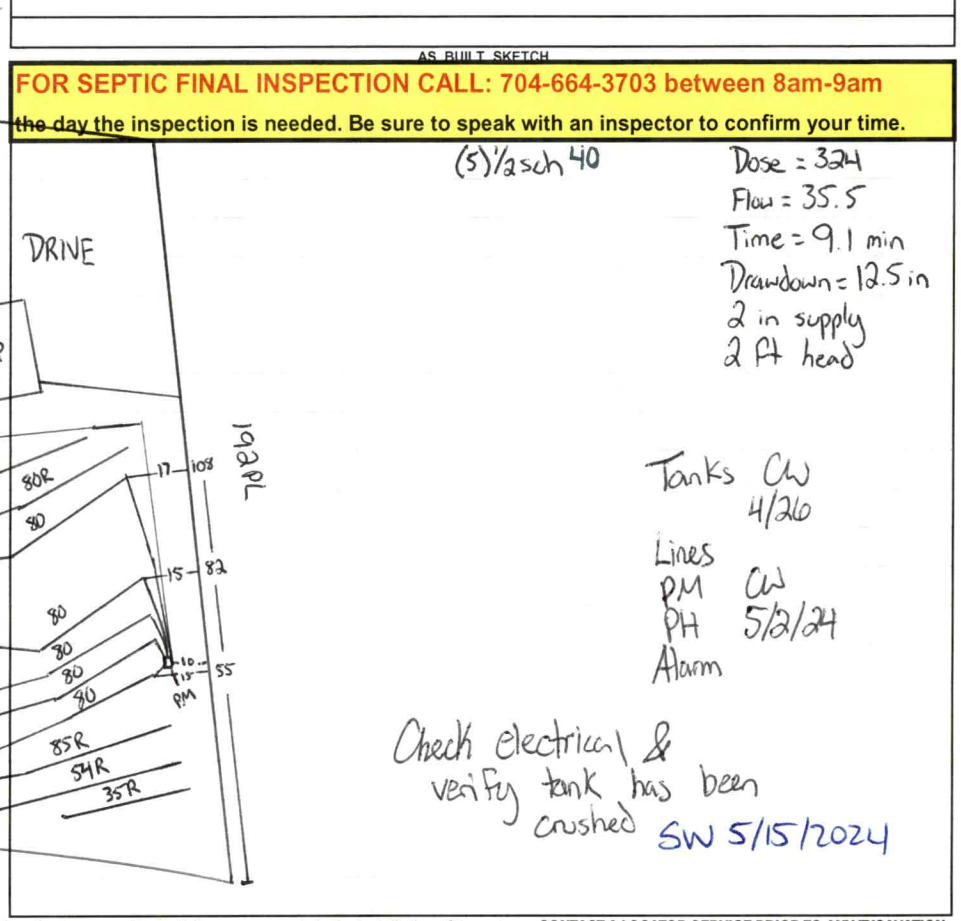
Pump, crush, & fill old tank.

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.



Dose = 324
Flow = 35.5
Time = 9.1 min
Drawdown = 12.5 in
2 in supply
2 ft head

Tanks CW 4/26

Lines
PM CW
PH 5/2/24
Alarm

Check electrical & verify tank has been crushed SW 5/15/2024

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: Ryan Byers

IMPROVEMENT PERMIT by: Cory Whitt Bryant Bates | Date: 3/13/24 | OPERATION PERMIT by: Sarah Williams | Date: 5/15/2024

AUTHORIZATION TO CONSTRUCT by: Cory Whitt | Date: 4/26/24 | 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? _____	

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

PROPERTY ID #:
COUNTY: Iredell

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

OWNER: Misty Hershberger DATE EVALUATED: 3/8/24
ADDRESS: 197 Sain Rd, Statesville
PROPOSED FACILITY: 5 bd/r home PROPOSED DESIGN FLOW (.0400): 600 gpd PROPERTY SIZE:
LOCATION OF SITE: 197 Sain Rd, Statesville PROPERTY RECORDED: yes
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

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*	.0502(d) SLOPE CORRECTION
1	Head 8%	0-12	FILL	—	10YR 5/4 22"-33" 10YR 6/4	80 73	—	—	S 0.25	SAP & Tree Loss
		12-19	SC ABK	SS SP SE FR						
		19-34	C ABK	SS SP SE FR						
		34-80	CL SBK	S P SE FR						
2	Head 7%	0-20	FILL	—	2.5Y 6/3 @ 42" 10YR 6/4 @ 48" SAP incl begin @ 65"	82	—	—	S 0.25	
		20-29	SC ABK	SS SP SE FR						
		29-36	C ABK	SS SP SE FR						
		36-82	CL SBK	S P SE FR						
3	Head 6%	0-18	Fill	—	10YR 6/4 e 36in	74	—	SAP & Tree Loss	S .25	
		18-44	ABK C							
		44-74	WSBK CL							
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	50%	50%
Site LTAR	.25	.25
Maximum Trench Depth	60	60

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Ben Botkins
OTHER(S) PRESENT: Heath Snow, Sarah Braden, Cory Whicker

Comments:

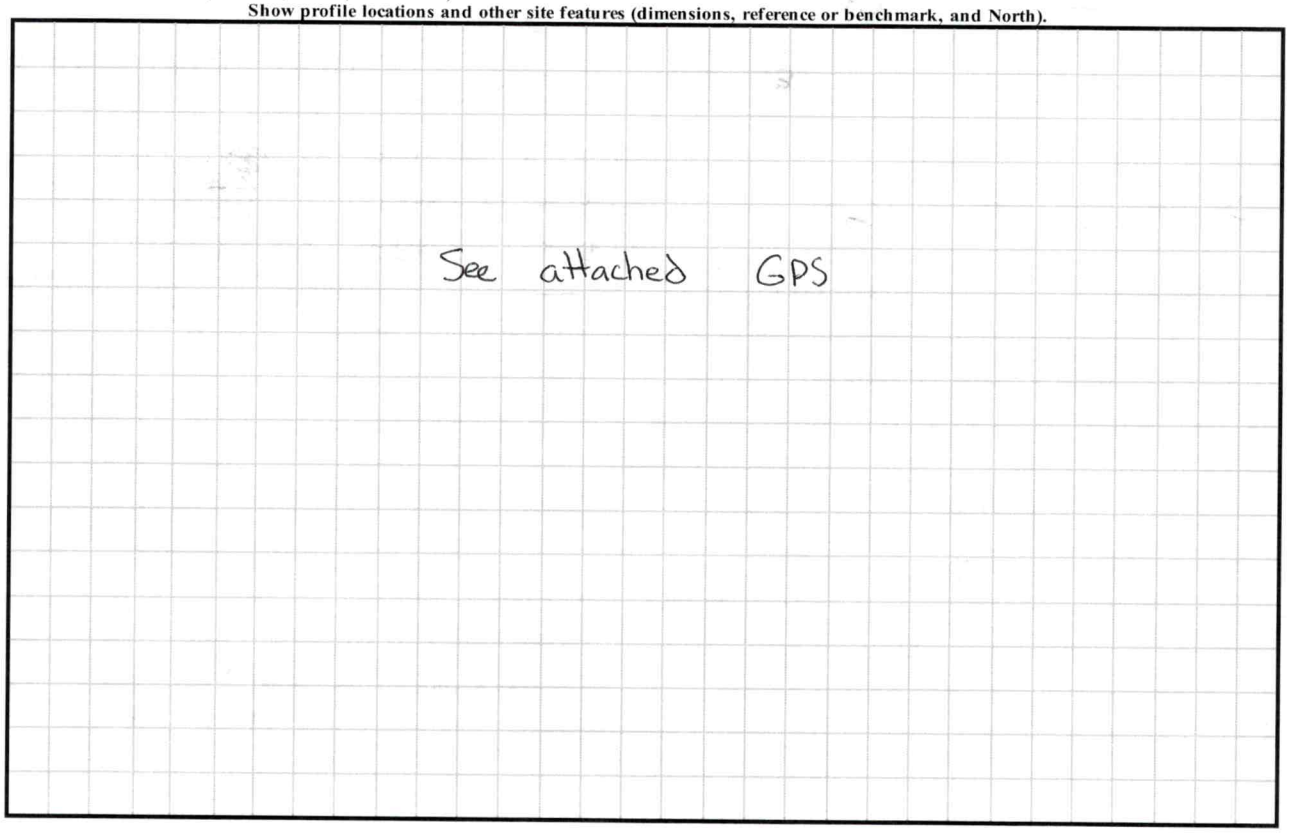
LEGEND

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	4775254910,000
• Address	197 SAIN RD
• Account #	Acct 80089838
• Tax Owner	HERSHBERGER-DAVIS MISTY E
• Mailing Address	197 SAIN RD
•	STATESVILLE, NC 28625
• GIS Owner	HERSHBERGER DAVIS MISTY E
• Deed Info	2894 / 305 - QC - 20220207
• Tax Acres	0 LT
• Lot #	47+48
• Description	SALEM PARK M2 PB12-8-8A
• Zoning	R20
• Old Parcel #	1211C01000A047
• Bldg Value	$193,640
• OBXF Value	$51,920
• Land Value	$24,000
• Total Value	$269,560
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

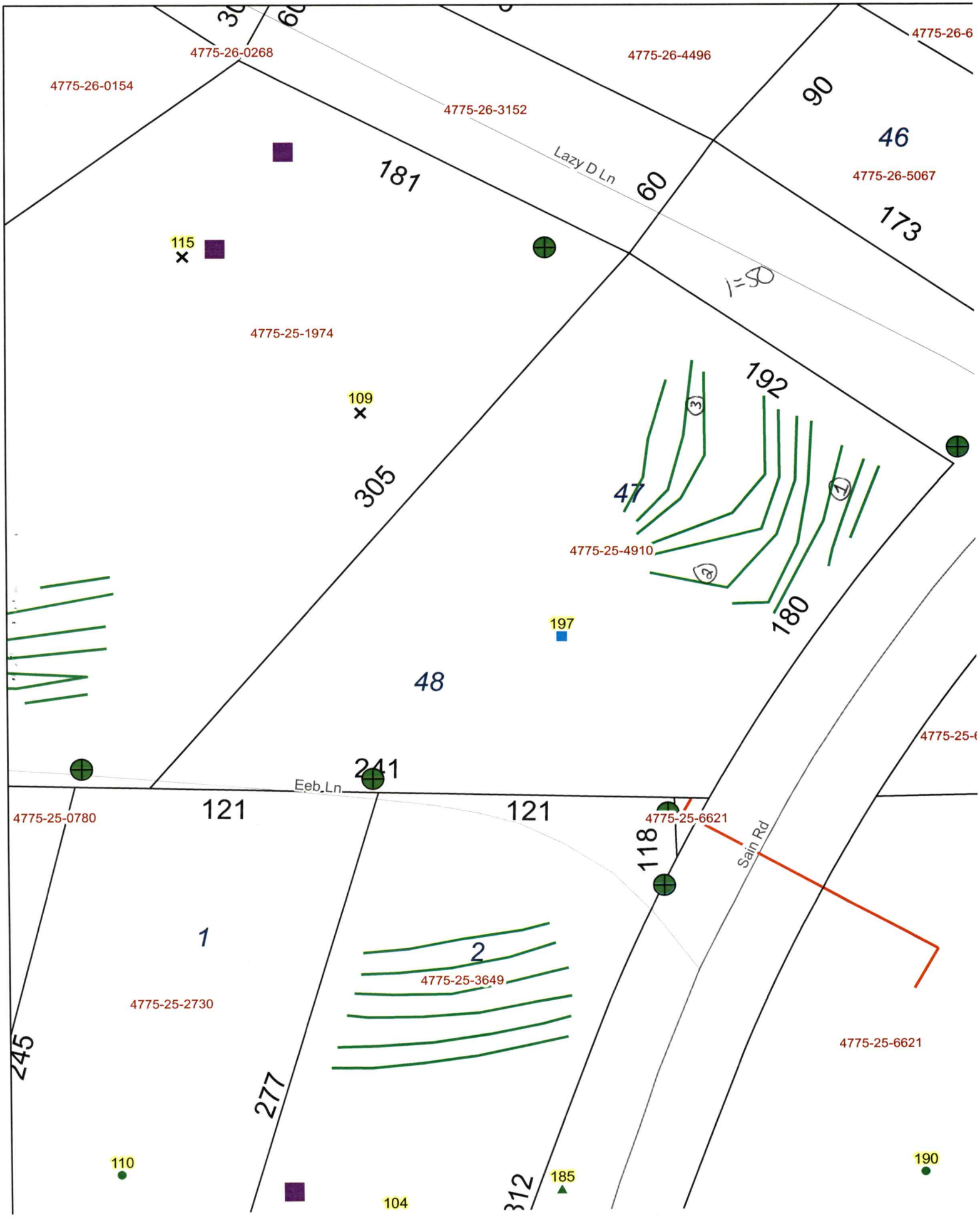
IREDELL COUNTY NC

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 02/20/2024
Data updated 11/14/2023

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


4775-26-0268
4775-26-4496
4775-26-6
4775-26-0154
4775-26-3152
Lazy D Ln
90
46
4775-26-5067
181
60
173
115
1=80
4775-25-1974
109
192
305
47
4775-25-4910
180
197
48
241
Eeb Ln
121
121
4775-25-0780
4775-25-6621
118
Sain Rd
4775-25-
1
2
4775-25-3649
4775-25-2730
245
277
4775-25-6621
110
104
312
185
190

PERMIT SNAPSHOT REPORT OSWP-2024-48666 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	03/07/2024
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:**	Whicker, Cory	**Approval Expire Date:**	

Description: The septic tank is cracked. The septic tank in uncovered and cracks are visible.

Parcel: 4765318843.000 Main	**Address:** 143 Chantilly Ln Statesville, NC 28625 Main	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent	Property Owner	Applicant/Authorized Agent
Jeanie Lentz	Alice Chavez	Jeanie Lentz
Home: (980) 829-3278	Home: (786) 382-7968	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	Concrete Slab Foundation	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_3/7/2024.jpg	03/07/2024 9:36	Lentz, Jeanie		Uploaded via CSS
143_Chantilly_Lane__-_Authorize_Legal_Representative-joachez_yahoo.com_v1.pdf	03/07/2024 11:00	Lentz, Jeanie	Available Online	

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		03/07/2024 11:00	03/07/2024 11:00
Confirm application complete v.1	Generic Action		03/07/2024 11:00
~~**Zoning Review v.1**~~			03/07/2024 11:00
~~Floodplain Admin Overview v.1~~	Task		03/07/2024 11:00
~~Issue Invoice v.1~~	Generic Action		03/07/2024 11:00
~~Fees Paid v.1~~	Generic Action		03/07/2024 11:00
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			

PERMIT SNAPSHOT REPORT (OSWP-2024-48666)

Authorization to Construct Permit v 1	Create Sub Permit
Issue Authorization to Construct v 1	Generic Action

OWNER OR CONTRACTOR Mike Brannon DATE 13 Aug 76 PERMIT NO.

PHONE: Business Home

LOCATION Hy 64E to Bell Rd to Hillcrest Valley on Right 4th house on Left.

S. R. No.

SUBDIVISION NAME Hillcrest Valley LOT NO. 21 SECTION OR BLOCK NO.

House (✓) Mobile Home ( ) Business ( ) Other

No. Bedrooms 3 No. Bathrooms 1½

Garbage Disposal Unit	Yes ( )	No (✓)	
Auto. Dishwasher	Yes ( )	No (✓)	
Auto. Wash. Machine	Yes (✓)	No ( )	
Site Suitable	Yes (✓)	No ( )	

Lot Area 20,000 sq ft

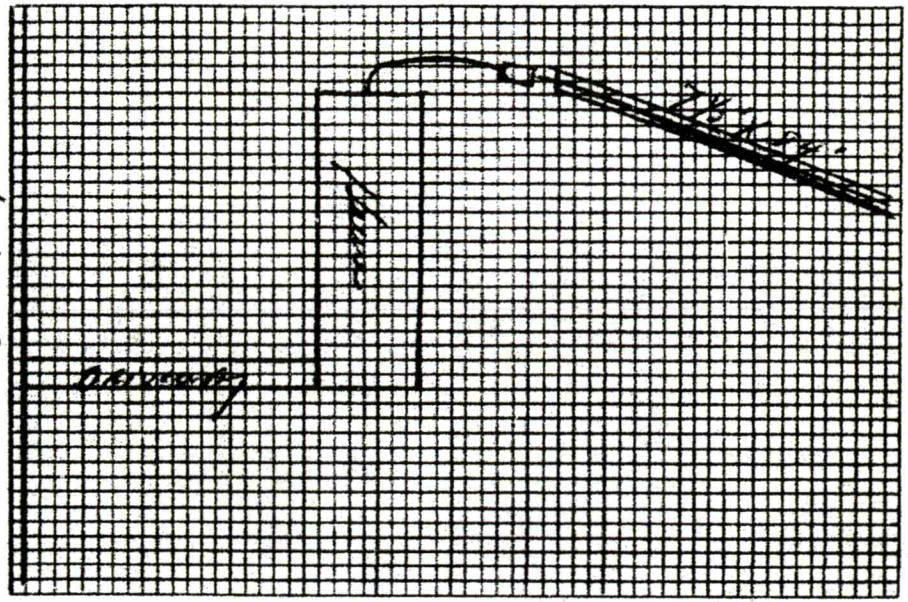
Character & Porosity of Soil Red Cly

Percolation Rate slow

Topography Gently Slope

Depth to Water Table 6'

Rock or other impervious formations ok



Plot of System

Size of Tank 1000 Gals.

Nitrification Field:

No. of Lines 3

Sq. Ft. 625 Linear Ft. 250

Depth of Stone in Lines 12"

Water Supply: Individual ( )

Public (✓)

Installed by Hartle Lusby

Well in Use.

IMPROVEMENTS PERMIT BY

COMMENTS: There owner down Bell for Cert. not enough room on site for test

CERTIFICATE OF COMPLETION BY Wm Hartle DATE 17 Aug 76

CONSTRUCTION MUST COMPLY WITH ALL OTHER APPLICABLE STATE AND LOCAL REGULATIONS.