ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR - 2024 - 64299

PERMIT : OSWP 2024 - 62332

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

PIN # 4738-58-0814

APPLICANT/OWNER: Joseph Keenan APPLICANT ADDRESS: 305 Wagner St Troutman NC 28166

SITE ADDRESS: 122 South Yadkin River Rd Statesville, NC 28625 PHONE: 704-634-2069 ALT. PHONE -

SITE DIRECTIONS: Hwy 115 to Chipley Ford to River Run to South Yadkin River Site on Right SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: River Run II SECTION: - LOT # 34 LOT AREA: .52 DESIGN FLOW: 240 L.T.A.R.(Initial): .30 L.T.A.R (Repair): .30

Septic Tank	1000	(gal)	STB	2071	Date	INFILTRATOR	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank	-	(gal)	PT	-	Date	-	System Description:	Gravity - 25% Reduction			
Pump Make	-	Model	-		Serial #	-	Repair System Description:	25% Reduction			
# Nitrification Fields	1	# Lines	3		Linear Ft	200	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36 in	*Max. Trench Depth(Initial)	33 in	*Max. Trench Depth(Repair)	33 in	Gravel Depth	-	☒ GRAVITY	☐ PRESSURE		

* Measured on the downhill side of the trench

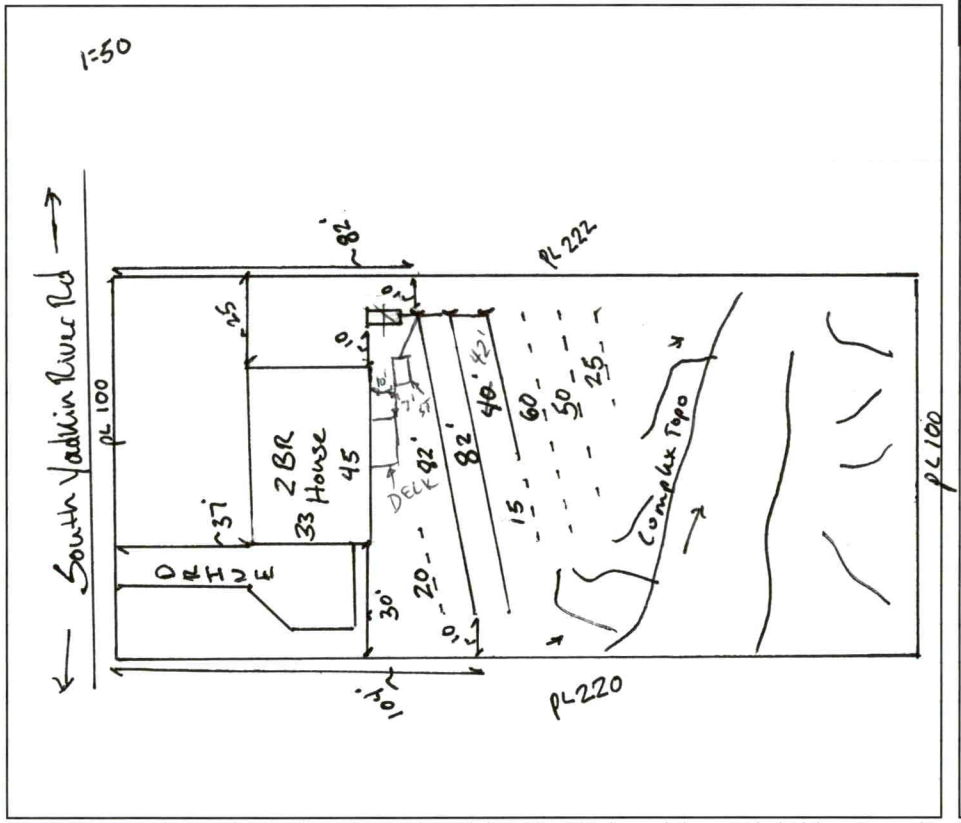
Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): 54 Usable Depth to LC (Repair): 54 *Limiting Condition*

☒ Residence	No. Bedrooms	2	**Water Supply**
☐ Business	No. Persons	4	☐ Private
☐ Other	No. Employees		☒ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: Install Septic Drainlines on the contour of the land utilize Serial Distribution. Do not Exceed max depth of 36 in. Do not Drive, park, pave, grade or bury utilities in Drainfield area. Firm in Complex topo near Drainlines.

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 SHOWN

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: Date: Installed by: PIEDMONT BACKHOE

IMPROVEMENT PERMIT by: Benjamin A Bailey Date: 10/22/2024 OPERATION PERMIT by: Bryant C Wilson Date: 1-23-2025

AUTHORIZATION TO CONSTRUCT by: Benjamin A Bailey Date: 10/22/2024 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 #: 4738550814
COUNTY: Iredell

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

OWNER: Unren. DATE EVALUATED: 10/15/24
ADDRESS: 305 Wyner St Tmn
PROPOSED FACILITY: 2BR house. PROPOSED DESIGN FLOW (.0400): 240 PROPERTY SIZE: .52
LOCATION OF SITE: 122 South Gadsin PROPERTY RECORDED: Yes
WATER SUPPLY: (Public) Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: NA
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	Side Foot 10%	0-23	C ABK	SS SP	2.5YR 4/6	54	NA	NA	PS .3	3"
		23-54	CL WABK	SS SP						
2	Side Foot 10%	0-22	C ABK	SS SP FR SBK	2.5YR 4/6	63	NA	NA	PS .30	3"
		22-34	CL ABK	SS SP FR	5YR 5/6					
		34-63	SCL WABK	SS SP FR						
3	Side Foot 10%	0-22	SC GR-		2.5YR 4/6	59.	NA	NA	PS .3	3"
		22-34	C SBK	SS SP FR SBK						
		34-59.	CL WSBK	SS SP FR						
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	200	150
System Type(s)	~~300~~ III	~~300~~ III
Site LTAR	.30	.30
Maximum Trench Depth	36	36

SITE CLASSIFICATION (.0509): Suitable.
EVALUATED BY: Bethis
OTHER(S) PRESENT: S. Jordan.

Comments: Complex Topo.

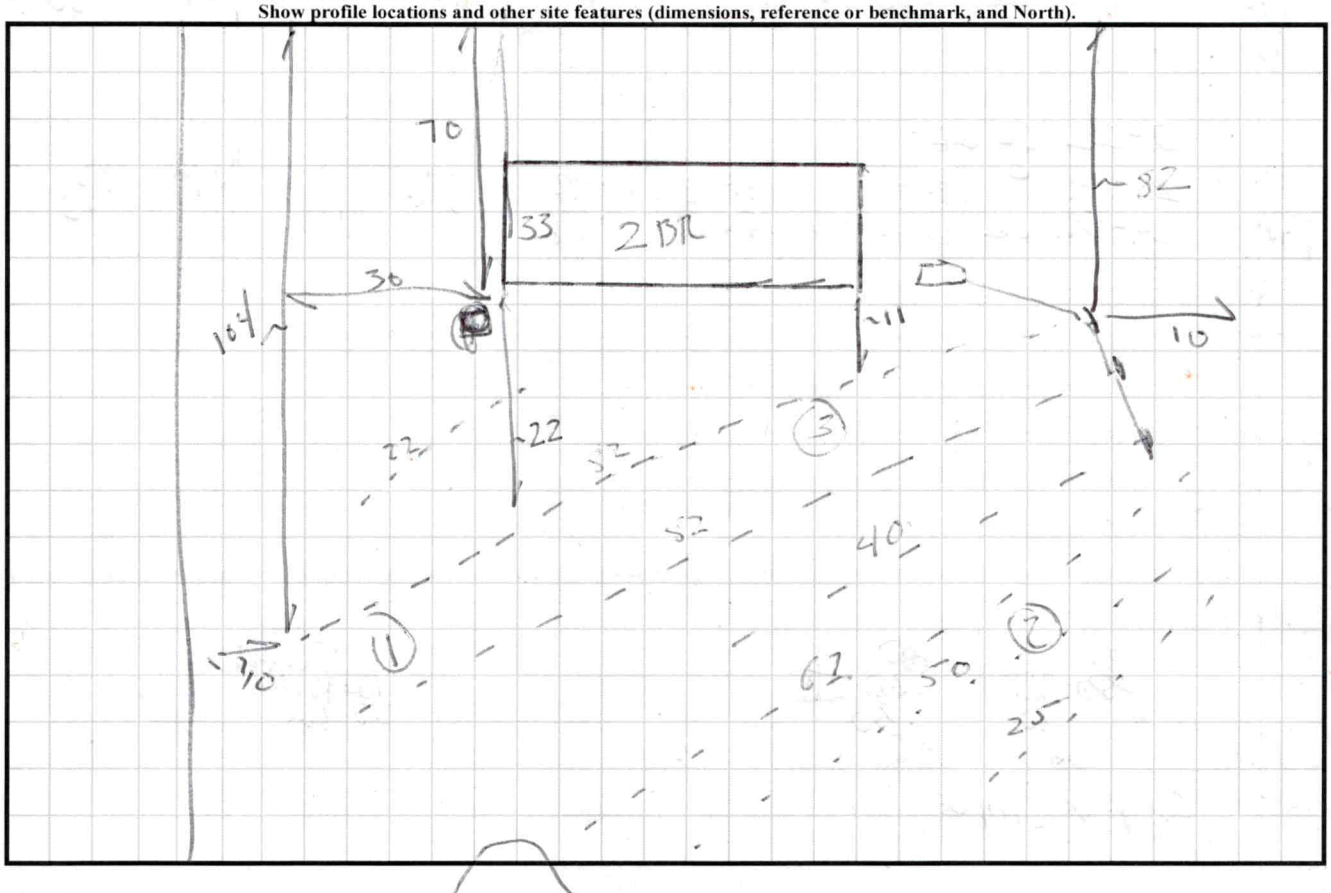
LEGEND

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).



PERMIT SNAPSHOT REPORT OSWP-2024-62332 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	09/24/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	White, Bryant	**Approval Expire Date:**	
Description:	IP - AC				

Parcel: 4738580814.000 Main	**Address:** 122 South Yadkin River Rd Main Statesville, NC 28625	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
norman hope	JOSEPH P KEENAN
Home: (704) 872-3421	305 WAGNER STREET 305
Mobile: (980) 232-7674	WAGNER STREET
	troutman, NC 28166
	Business: (704) 634-2069

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	25 x 40 single family residence
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	2
If other Addition/Structure, please explain		Number of Occupants	4	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Pump Make		# of Nitrification Fields	
Model		Serial #		System Description	
Repair System Description		Comments/Conditions		Permit type(s)	Authorization to Construct
Has this project been approved by TRC	No	Lot Acreage	0.52	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Sep 30 2024 12:00AM	Zoning Permit Expiration Date	Mar 29 2025 12:00AM	Is the structure or development in the floodplain	No
Is the property in a local historic district?	No	Is the property located downtown?	No	Additional Unique Setbacks Apply	No
Watershed	WSIV PA CATAWBA/LAKE NORMAN				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_JOSEPH_KEENAN_9/24/202 .jpg	09/24/2024 9:14	JOSEPH, PATRICK KEENAN		Uploaded via CSS
122 SOUTH YADKIN RIVER RD AUTHORIZE AN OWNER.pdf	09/25/2024 9:54	COMEAUX, DEBRA	Available Online	AUTHORIZE AN OWNER
122 SOUTH YADKIN RIVER FLOOR PLAN.pdf	09/26/2024 14:45	COMEAUX, DEBRA	Available Online	FLOOR PLAN
122 SOUTH YADKIN RIVER RD SITE PLAN 2_v1.pdf	09/27/2024 7:09	COMEAUX, DEBRA	Available Online	

PERMIT SNAPSHOT REPORT (OSWP-2024-62332)

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-252855	Requested	OSWP Septic/Well Preliminary Site Visit	10/01/2024	10/02/2024 0:00	10/02/2024 0:00		

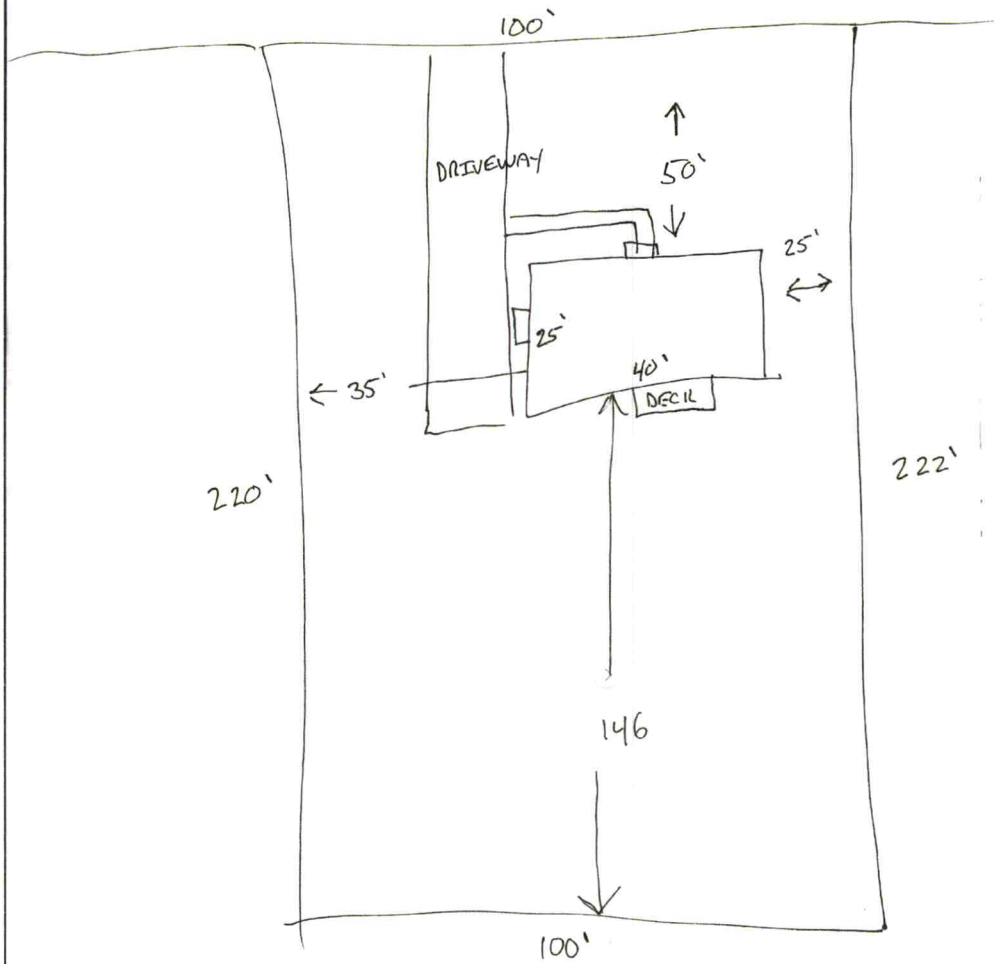
Inspectors: Botkins, Ben (Primary)

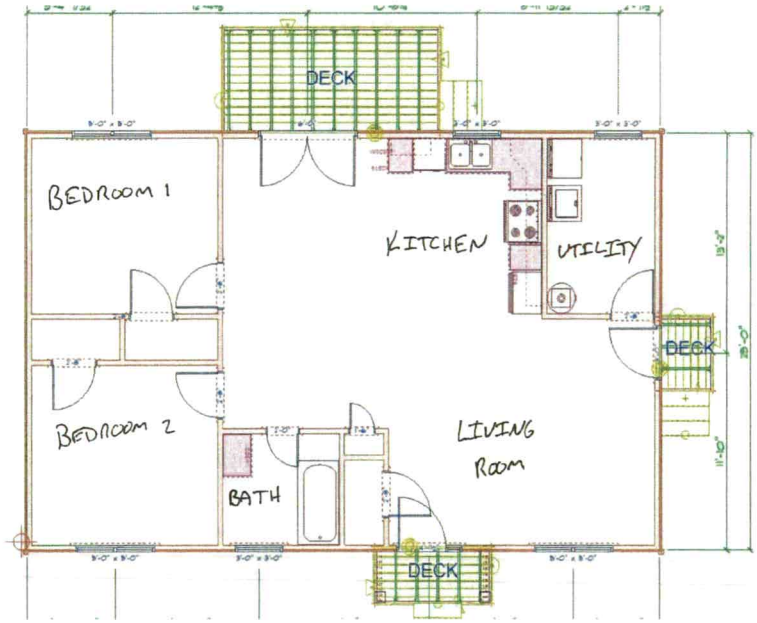
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00036457	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Total for Invoice INV-00036457	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		09/25/2024 9:57	09/25/2024 9:57
Confirm application complete v.1	Generic Action		09/25/2024 9:57
Zoning Review v.1		09/27/2024 8:10	09/30/2024 8:17
~~Floodplain Admin Overview v.1~~	Task		09/27/2024 8:11
Iredell County Zoning Approval v.1	Task	09/27/2024 8:10	09/27/2024 8:10
Issue Invoice v.1	Generic Action		09/27/2024 8:10
Fees Paid v.1	Generic Action		09/30/2024 8:17
Fees v.1		09/27/2024 8:11	09/30/2024 8:17
Issue Invoice v.1	Generic Action		09/27/2024 8:11
Fees Paid v.1	Generic Action		09/30/2024 8:18
Lot Readiness Verification v.1		10/01/2024 12:35	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/01/2024 12:35	10/01/2024 12:36
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		

SOUTH YADKIN RIVER RD




DECK
BEDROOM 1
KITCHEN
UTILITY
DECK
BEDROOM 2
BATH
LIVING
ROOM
DECK