ICHD - ENVIRONMENTAL HEALTH DIVISION

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

H5

PERMIT : OSWP 2024-64198

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

PIN # 4704 -- 88 -- 8186

APPLICANT/OWNER: Randy Moose APPLICANT ADDRESS: 1072 Island Ford Rd, Statesville

SITE ADDRESS: 1072 Island Ford Rd, Statesville 28625 PHONE: 704-437-1603 ALT. PHONE -

SITE DIRECTIONS: I40 - Stamey Farm - Island Ford SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 11.36 DESIGN FLOW: 360 gpd L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

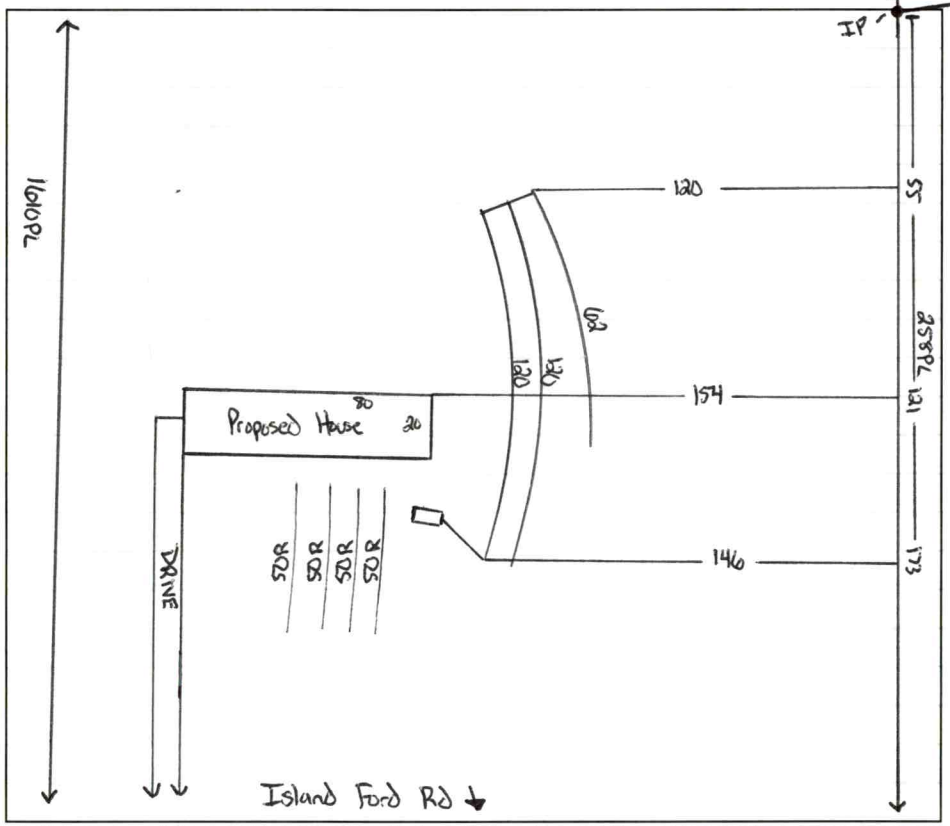
Septic Tank	1000 (gal)	STB	760	Date		☒ New System ☐ Repair ☐ Expansion	System Type: I (II) III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT		Date		System Description:	25% reduction	☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description:	50% reduction	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	3	Linear Ft	300'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space
Trench Width	36in	*Max. Trench Depth(Initial)	30in	*Max. Trench Depth(Repair)	30in	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): 48in Usable Depth to LC (Repair): 48in *Limiting Condition*

Water Supply: ☐ Private ☒ Public ☐ Community

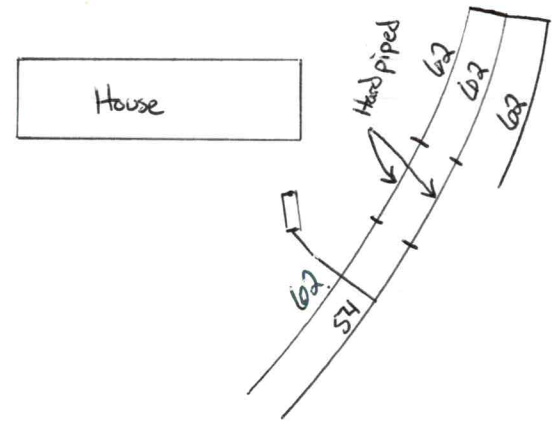
Comments / Conditions: Install on contour. Do not drive, park, or grade septic area. Remove terrace off of system.

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 EXCEPTION**

☐ **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: Abee Grading

IMPROVEMENT PERMIT by: Cory Whit Date: 11/7/24 OPERATION PERMIT by: Cory Whit Date: 2/7/25

AUTHORIZATION TO CONSTRUCT by: Cory Whit Date: 1/21/25 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 #: 4704888186
COUNTY: Iredell

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

OWNER: Randy Moose — DATE EVALUATED: 11/6/24
ADDRESS: 1072 Island Ford Rd
PROPOSED FACILITY: 3 bdr home — PROPOSED DESIGN FLOW (.0400): 360 gpd — PROPERTY SIZE: 11.36
LOCATION OF SITE: 1072 Island Ford — PROPERTY RECORDED: yes
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 4%	0-10	PLOW		-	48	-	-	S .3	2
		10-22	C/SBK	SS SP FR SE						
		22-48	CL/SBK	SS SP FR SE						
2	LS 4%	0-10	PLOW		-	48	Litho at 28"+	inc	S .3	2
		10-21	C SBK	SS SP FR SE						
		21-48	CL SBK	SS SP FR SE						
3	LS 6%	0-10	PLOW		-	48	Litho in CL layer	inc	S .3	3
		10-22	C SBK	SS SP FR SE						
		22-48	CL SBK	SS SP FR SE						
4	LS 8%	0-8	PLOW		-	48	-	-	PS .3	3
		8-22	C SBK	SS SP FR SE						
		22-48	CL SBK	SS SP FR SE						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.3
Maximum Trench Depth	36	36

SITE CLASSIFICATION (.0509): S
EVALUATED BY: Cory Wlicker
OTHER(S) PRESENT: Matthew Wilkinson

Comments:

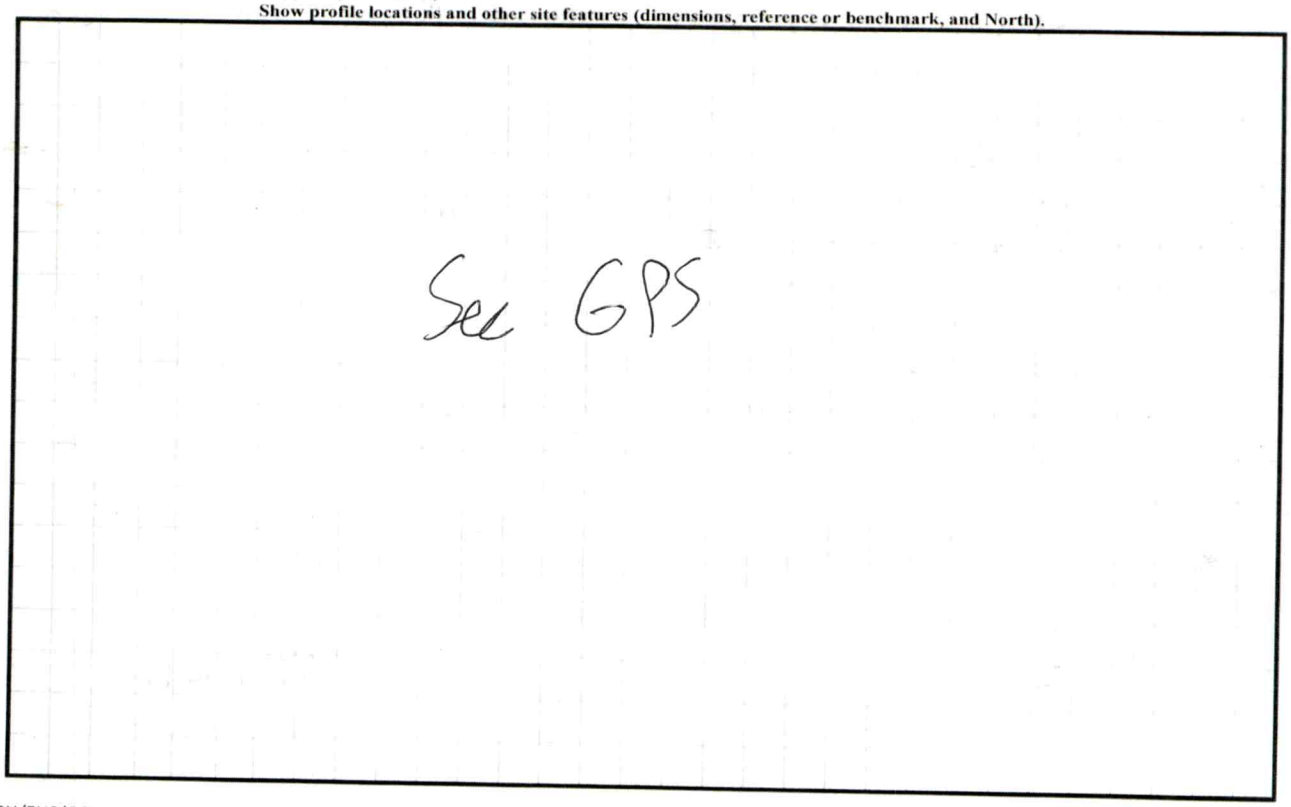
LEGEND

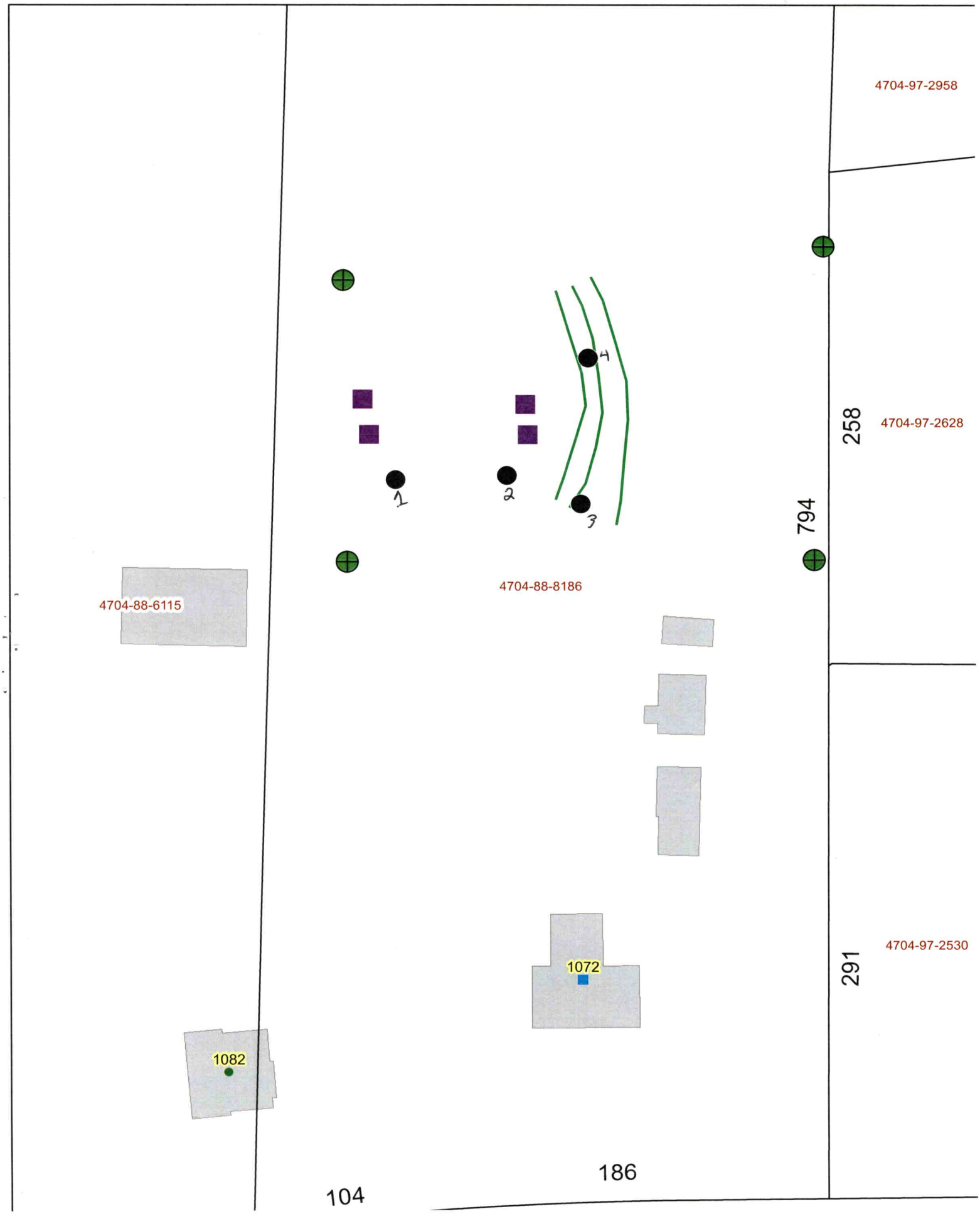
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)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




4704-97-2958
4704-97-2628
4704-97-2530
4704-88-8186
4704-88-6115
258
794
291
186
104
1
2
3
4
1072
1082

PERMIT SNAPSHOT REPORT OSWP-2024-64198 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/25/2024
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:**	Whicker, Cory	**Approval Expire Date:**	
Description:	Install single wide home				

Parcel: 4704888186.000 Main	**Address:** 1072 Island Ford Rd Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Randy Moose	Randy Moose
1072 Island Ford Rd	1072 Island Ford Rd
Statesville, NC 28625	Statesville, NC 28625
Mobile: (704) 437-1603	Mobile: (704) 437-1603

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	16 x 76
What are the proposed structures	New Single-Family Residence - Mobile Home	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	2	Foundation Type	Crawl Space Foundation	Water Supply	Other Public 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	
Has this project been approved by TRC	No	Lot Acreage	11.36	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Oct 31 2024 12:00AM	Zoning Permit Expiration Date	Apr 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	Zoning Notes/Addendums	REQUIREMENTS FOR AL SINGLEWIDE MOBILE HOMES Must meet requirement R10 of the LDC. Must remove the towing apparatus, if it cannot be removed, it shall be screened; Must have a continuous underpinning; Must have 36 square foot front porch constructed within 12 inches of the floor elevation; Must have approved steps at all other secondary entrances and exits; Must face front property line and be no more than 20 degrees from parallel to the front property line.

PERMIT SNAPSHOT REPORT (OSWP-2024-64198)

Original home must be removed before Certificate of Occupancy can be approved.	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Randy_Moose_10/25/2024.jpg	10/25/2024 15:33	Moose, Randy		Uploaded via CSS
1072 AA form_v1.pdf	10/28/2024 9:04	Moose, Randy	Available Online	
1072 Site_v1.pdf	10/31/2024 9:10	Moose, Randy	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-261298	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/01/2024	11/04/2024 0:00	11/04/2024 0:00	11/05/2024 12:34	11/05/2024 12:34

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-00037605	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-00037605	$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		10/28/2024 9:05	10/28/2024 9:05
Confirm application complete v.1	Generic Action		10/28/2024 9:05
Zoning Review v.1		10/31/2024 9:07	10/31/2024 16:15
~~Floodplain Admin Overview v.1~~	Task		10/31/2024 9:07
Iredell County Zoning Approval v.1	Task	10/31/2024 9:07	10/31/2024 9:10
Issue Invoice v.1	Generic Action		10/31/2024 9:10
Fees Paid v.1	Generic Action		10/31/2024 16:15
Fees v.1		10/31/2024 9:10	10/31/2024 16:15
Issue Invoice v.1	Generic Action		10/31/2024 9:10
Fees Paid v.1	Generic Action		10/31/2024 16:15
Lot Readiness Verification v.1		11/01/2024 10:17	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/01/2024 10:17	11/01/2024 10:18
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		