ICHD - ENVIRONMENTAL HEALTH DIVISION

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

MANF - 2024 - 0006978

PERMIT ; OSWP 2024 - 456020

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

PIN # 4762 -- 87 -- 0389

APPLICANT/OWNER: Hector Garcia APPLICANT ADDRESS: 173 Log Cabin Rd, Statesville

SITE ADDRESS: 151 Log Cabin Rd, Statesville 28677 PHONE: 704-662-2143 ALT. PHONE -

SITE DIRECTIONS: 70 - Bethesda - Cornflower - Log Cabin SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Pine Tree Farms SECTION: - LOT # 63 LOT AREA: 0.989 DESIGN FLOW: 240 gpd L.T.A.R.(Initial): 0.25 L.T.A.R (Repair): 0.25

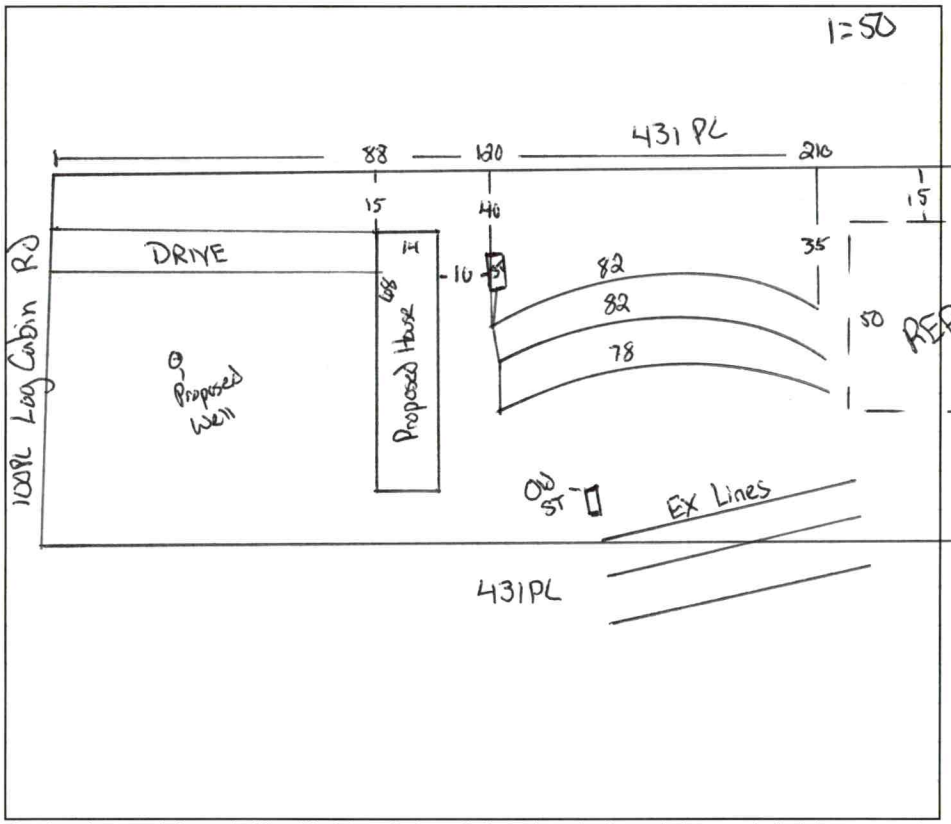
Septic Tank	1000	(gal)	STB Infiltrator	Date		☒ New System	☐ Repair	☐ Expansion	System Type: I (II) III IV V VI	☒ Residence	No. Bedrooms 2
Pump Tank		(gal)	PT	Date		System Description: 25% reduction				☐ Business	No. Persons 4
Pump Make		Model		Serial #		Repair System Description: 50% reduction				☐ Other	No. Employees
# Nitrification Fields	1	# Lines	3	Linear Ft	240	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36in	*Max. Trench Depth(Initial)	31in	*Max. Trench Depth(Repair)	21 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): 48in Usable Depth to LC (Repair): 48in *Limiting Condition*

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour with the land. Pump, crush, & fill old septic 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.

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:

IMPROVEMENT PERMIT by: Cary Whil Date: 9/19/24

AUTHORIZATION TO CONSTRUCT by: Cary Whil Date: 9/19/24

Installed by: CST - Terry

OPERATION PERMIT by: Cary Whil Date: 10/4/24

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 #: 4762876389
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Hector Garcia DATE EVALUATED: 9/18/24
ADDRESS: 173 Log Cabin Rd
PROPOSED FACILITY: 2 bdrm home PROPOSED DESIGN FLOW (.0400): 240 gpd PROPERTY SIZE: 0.989
LOCATION OF SITE: 157 Log Cabin Rd PROPERTY RECORDED: yes
WATER SUPPLY: Public X Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 50'
EVALUATION METHOD: Auger Boring X Pit Cut TYPE OF WASTEWATER: X 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 10	0 - 19	SCL SBK	SS SP FR SE	-	48	-	-	.275 PS DEEP	4
		19 - 48	C ABK	SS SP FR SE						
2	LS 10	0 - 23	SCL SBK	SS SP FR SE	-	51	Many inc in C layer		.25 PS	4
		23 - 51	C ABK	S P FR SE						
3	LS 5	0 - 8	SCL SBK	SS SP FR SE	-	50	Many inc in C & CL layer		~~.25~~ PS .275	2
		8 - 24	C ABK	S P FR SE						
		24 - 50	CL SBK	SS SP FR SE						
4	LS 5	0 - 8	SCL SBK	SS SP FR SE	10yr 6/2 at 41"	50	Many inc in C & CL layer		.25 PS	2
		8 - 31	C ABK	S P FR SE						
		31 - 50	CL SBK	SS SP FR SE						

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

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Cody Whicker
OTHER(S) PRESENT: _____

Comments: _____

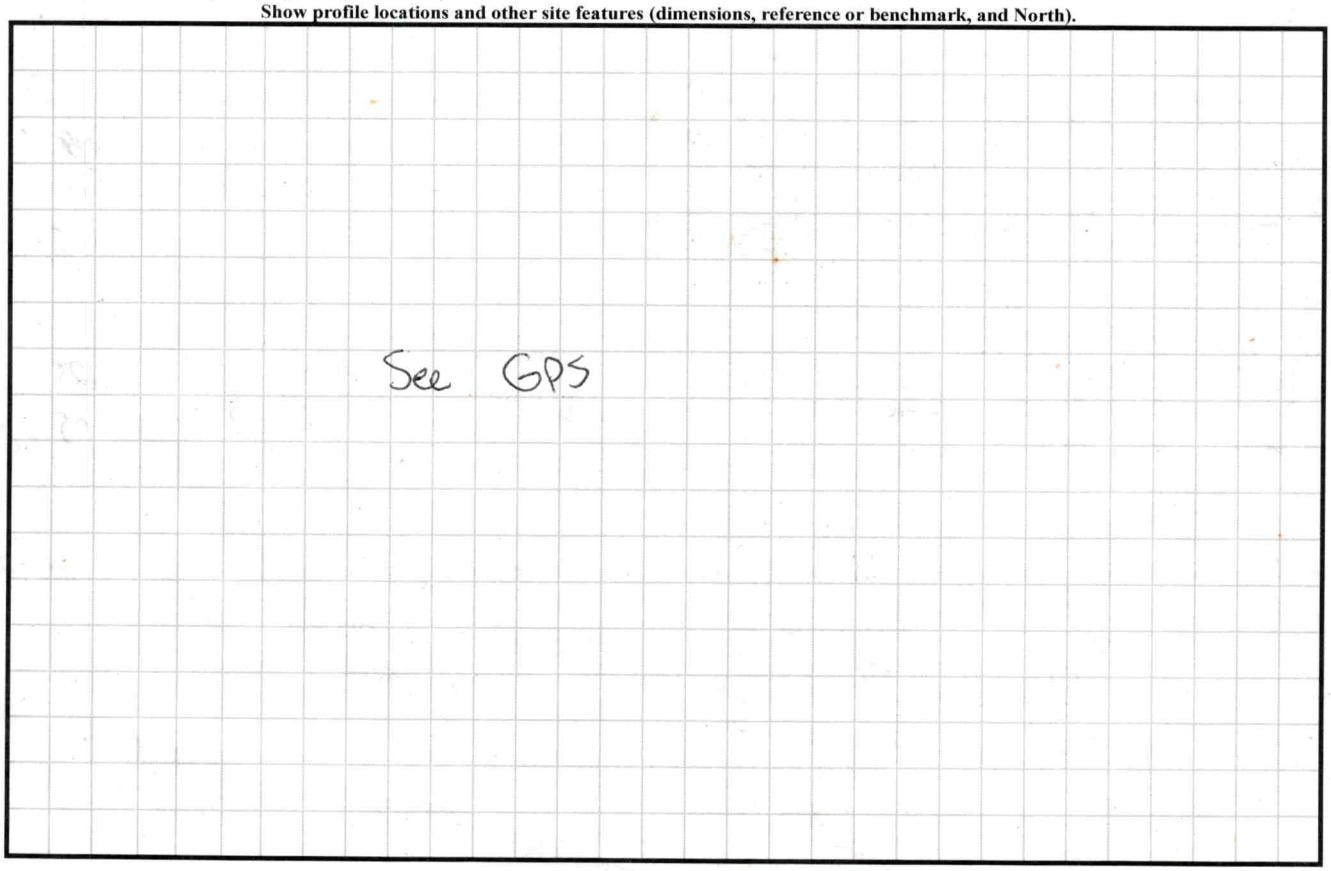
LEGEND

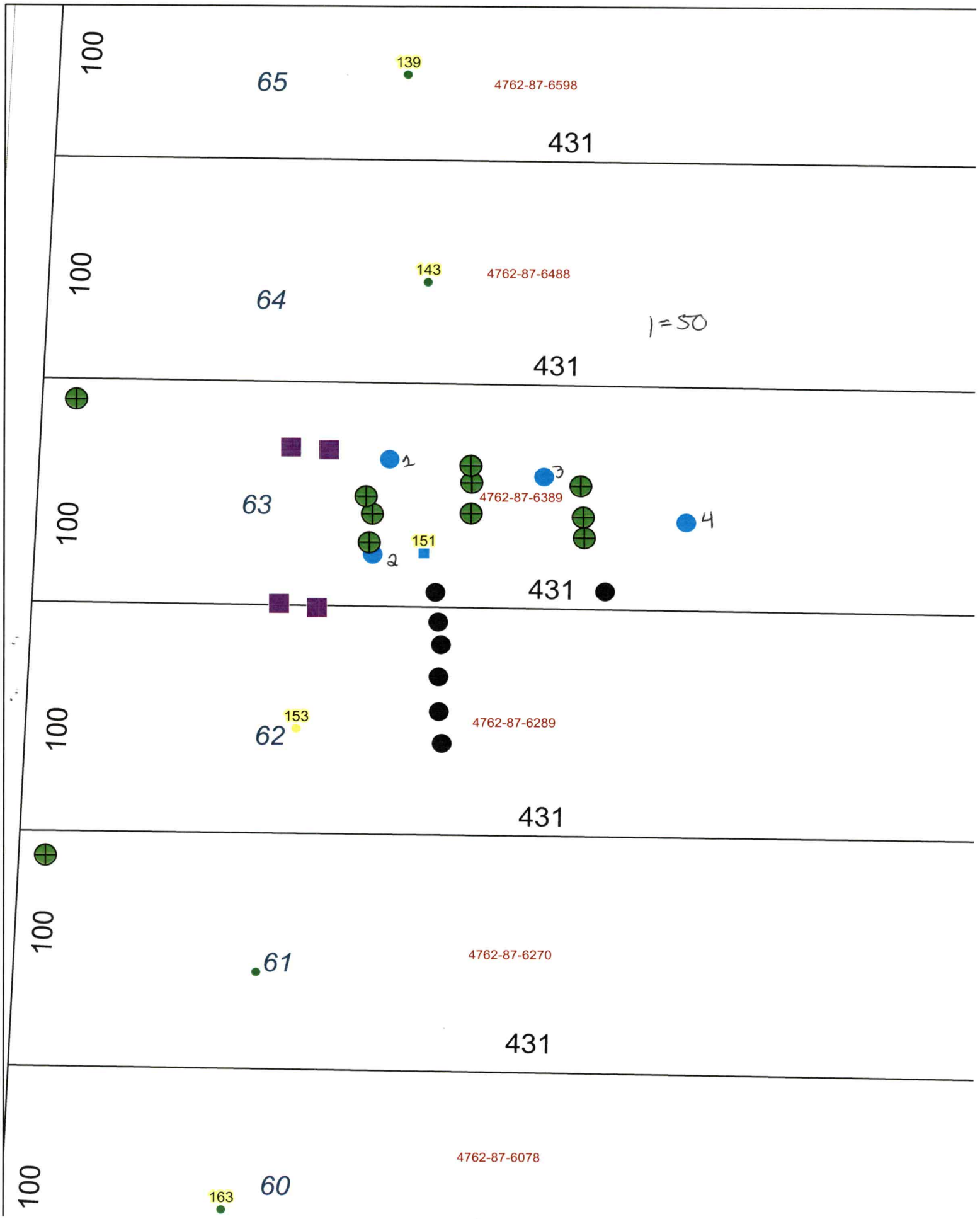
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)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




100
65
139
4762-87-6598
431
100
64
143
4762-87-6488
1=50
431
100
63
1
3
4762-87-6389
4
151
2
431
100
62
153
4762-87-6289
431
100
61
4762-87-6270
431
4762-87-6078
100
60
163

PERMIT SNAPSHOT REPORT OSWP-2024-45620 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/24/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	Fees Paid	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Whicker, Cory	**Approval Expire Date:**	

Description: re inspect. Property lines are marked, but the house box needs to be marked. 5/17/24-BM (SPOKE WITH SYDNEY THE HOME OWNER STATED THE SITE IS READY 06/12 DD)

Parcel: 4762876389.000 Main	**Address:** 151 Log Cabin Rd Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Property Owner
hector garcia	hector garcia
173 log cabin rd	Home: (704) 662-2143
statesville, NC 28677	Mobile: (704) 662-2143

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	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	14x60 single wide
What are the proposed structures	New Single-Family Residence - Mobile Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	2
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Lot Acreage	0.989	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	May 16 2024 12:00AM
Zoning Permit Expiration Date	Nov 12 2024 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	NOT IN A WATERSHED

Type of Hold	Created By	Date Created	Hold Origin	Comments	Active
Awaiting Additional Documents	Julia Bailey	01/26/2024 8:49	OSWP-2024-45620	need setback measurements from all 4 sides of the property line to the mobile home	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_hector_garcia_1/25/2024.jpg	01/24/2024 21:28	garcia, hector		Uploaded via CSS
DOC%20TO%20AUTHORIZE%20AN%20OWNER%203_18-2_v1.pdf	01/25/2024 8:44	Nebel, Barbara	Available Online	Authorize to Act as Agent
151 Log Cabin Rd OP_v1.pdf	02/09/2024 9:18	Nebel, Barbara	Available Online	
Floorplan 2.0_v2.pdf	05/10/2024 15:11	garcia, hector	Available Online	
SIteplan 2.0_v3.pdf	05/10/2024 16:59	garcia, hector	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-222533	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	06/13/2024	06/14/2024 0:00	06/14/2024 0:00	06/14/2024 8:07	06/14/2024 8:07

Inspectors: Botkins, Ben (Primary)

PERMIT SNAPSHOT REPORT (OSWP-2024-45620)

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

Note	Created By	Date and Time Created
1. house corners are marked and property lines are marked.	Peter Mravetz	06/13/2024 10:34
2. Waiting for property to be combined or an easement	Cory Whicker	06/18/2024 13:23

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00030769	Existing System Inspection		$250.00	$250.00
	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00030769	$327.25	$327.25
INV-00035754	New Gravity System		$250.00	$250.00
		Total for Invoice INV-00035754	$250.00	$250.00
		Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/25/2024 8:45	01/25/2024 8:45
Confirm application complete v.1	Generic Action		01/25/2024 8:45
Zoning Review v.1		05/10/2024 17:00	05/16/2024 8:37
~~Floodplain Admin Overview v.1~~	Task		05/10/2024 16:59
Iredell County Zoning Approval v.1	Task	05/10/2024 17:00	05/16/2024 8:37
Issue Invoice v.1	Generic Action		05/10/2024 17:00
Fees Paid v.1	Generic Action		05/16/2024 7:54
Fees v.1		05/16/2024 7:53	05/16/2024 7:54
Fees Paid v.1	Generic Action		05/16/2024 7:54
Issue Invoice v.1	Generic Action		05/16/2024 7:54
Lot Readiness Verification v.1		06/13/2024 10:34	
OSWP Septic Preliminary Site Visit v.1	Inspection	06/13/2024 10:34	06/13/2024 10:34
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		