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 2024-52322

PIN # 4761-87-9737

APPLICANT/OWNER: Vanessa Garcia

APPLICANT ADDRESS: 140 Blue Spruce Ln, Cleveland 27013

SITE ADDRESS: 140 Blue Spruce Ln, Cleveland 27013

PHONE: 336-467-5633

ALT. PHONE —

SITE DIRECTIONS: Ostwalt Amity - (L) Hemlock - (L) Blue Spruce - Lot on (R)

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: —

SECTION: —

LOT #: —

LOT AREA: 0.75

DESIGN FLOW: 360 gpd

L.T.A.R.(Initial): —

L.T.A.R (Repair): .35

Septic Tank 1000 (gal)	STB	Date	☐ New System ☑ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing
Pump Tank (gal)	PT	Date	System Description:		No. Bedrooms 3
Pump Make	Model	Serial #	Repair System Description: 25% Reduction		No. Persons 6
# Nitrification Fields 1	# Lines 3	Linear Ft 300'	Maintenance Agreement Required: ☐ YES ☐ NO		No. Employees
Trench Width 36"	*Max. Trench Depth(Initial) —	*Max. Trench Depth(Repair) 34"	Gravel Depth —	☑ GRAVITY ☐ PRESSURE	☑ Crawl Space
* 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): —		Usable Depth to LC (Repair): 48"

Water Supply: ☑ Private ☐ Public ☐ Community

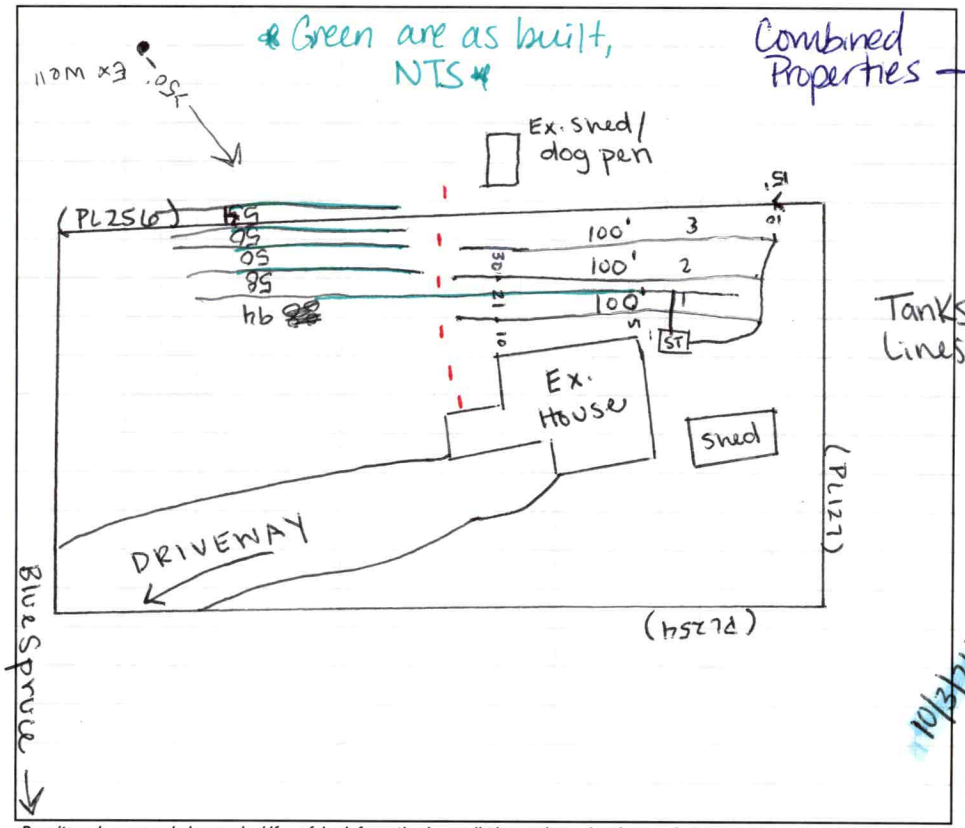
☐ Basement w/o plumbing

Limiting Condition

Comments / Conditions: Replumb house to left side where new tank will sit, connect washer line into new system. Cap off existing straight pipe

Install lines on 9' centers. Keep tank 5' off house. Do not pave, grade, park, drive, or bury utilities in drainfield.

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.

Bk 3099 Pg 1358

1" = 60'

★ If old system is found during install, straight pipe through, & earth & dam old system.

--- Ex. Straight pipe to be capped off.

Tanks } SH
Lines } 10/3

Lines 1 & 2 were rained in / silted in; Tank twisted
↳ 9/24/24
→ Lines 1 & 2 have chambers removed, filled back in. New line to be dug in virgin soil between 1 & 2, tank to be reset. Remainder of footage to be added across the existing straight pipe (--); hard pipe through any other existing system found. - SH

Keep 50' off any wells.

10/3/24 ST

- Prop. to be combined, recorded, & deeded
- Water Lines to be moved 10' away from system (moved 11/18/24)

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 Date: —

IMPROVEMENT PERMIT by: Sydney Holland Date: 7/2/2024

AUTHORIZATION TO CONSTRUCT by: Sydney Holland Date: 7/2/2024

Installed by: Massey Septic

OPERATION PERMIT by: D Wieberg Date: 11/18/24

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	CBD
Type of Distribution	(G) or P
Type of Failure/Malfunction	SD
Primary Cause of Failure/Malfunction	U/A
Age of System? 50	
Initial or Repair? Repair	

IREDELL COUNTY HEALTH DEPARTMENT

(SEPTIC TANK) IMPROVEMENTS PERMIT AND CERTIFICATE OF COMPLETION
(Ground Absorption Sewage Disposal System – G. S. Chapter 130-Article 13C)

OWNER OR CONTRACTOR Mary Reddick DATE 4-10-79 PERMIT NO. _____

PHONE: Business _____ Home _____

LOCATION 70E TR on 2362 Cross 3rd creek TR on 2365 1½ mi down Private Rd behind Pink House S. R. No. _____

SUBDIVISION NAME _____ LOT NO. _____ SECTION OR BLOCK NO. _____

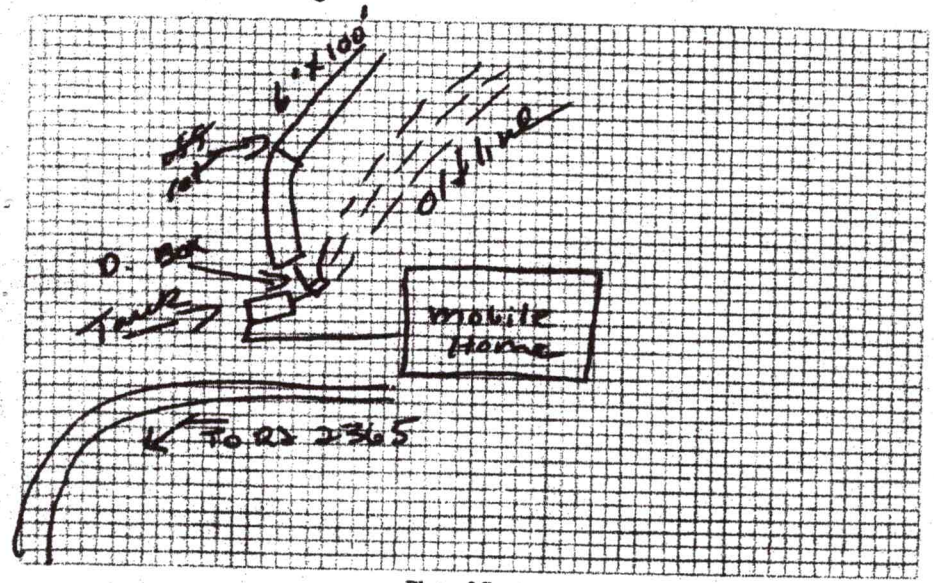
House ( ) Mobile Home (✓) Business ( ) Other _____

No. Bedrooms 3 No. Bathrooms 1

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

Lot Area acreage

Character & Porosity of Soil Cecil Clay
Percolation Rate 60 min
Topography 2 to 6%
Depth to Water Table 10'+
Rock or other impervious formations none



Plot of System

Size of Tank Existing Gals.
Nitrification Field:
No. of Lines 2
Sq. Ft. 600 Linear Ft. 300
Depth of Stone in Lines 16"
Water Supply: Individual (✓)
Public ( )

Installed by William [redacted] Cuthbertson

IMPROVEMENTS PERMIT BY Andrew Causey

COMMENTS: _____

CERTIFICATE OF COMPLETION BY R. C. Moore DATE 4-10-79

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

Health Dept. Copy: White Inspection Dept. Copy: Yellow Sanitarian's Copy: Pink Owner's Copy: Gold

IREDELL COUNTY HEALTH DEPARTMENT
JANE HINSON, MS, BSN, RN
HEALTH DIRECTOR

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

NOTICE OF VIOLATION
ONSITE WASTEWATER SYSTEM

X Certified Mail (Return Receipt) ☐ First Class Mail ☐ Email

Owner: Jose V. Garcia Martinez and Alma G Cedillo Barbosa
Mailing Address: 116 Blue Spruce Lane, Cleveland, N.C. 27013
Phone Number: Unknown Email: Unknown
Occupant: Unknown
Location: 116 Blue Spruce Lane, Cleveland, N.C. 27013
X Residence ☐ Business ☐ Other

Dear Jose V. Garcia Martinez and Alma G. Cedillo Barbosa
Owner's Name

You are hereby notified that you are violating the Rules adopted by the North Carolina Commission for Public Health and/or the Laws enacted at General Statutes 130A-333 to 345 by controlling a residence, place of business, or place of public assembly which is not provided with an approved onsite wastewater system. Your wastewater system is not in compliance with applicable laws and rules.

On 4/4/2024 an inspection of the wastewater system by the Iredell County Health Department
Date
indicated the following violations:

Violation(s)	**Law or Rule Citation(s)**
15A NCAC 18E .1303(a)(1)(A)	

You are hereby ordered to bring your on-site wastewater system into compliance by completing the following:

X Install/repair wastewater system. You must obtain a repair permit from the local health department or private permitting professional, i.e., Authorized Onsite Wastewater Evaluator (AOWE) or Professional Engineer (PE), prior to repairing your system.
XEliminate wastewater discharge and connect to an approved wastewater system.
☐ Other Repairs _____
☐ Perform Maintenance _____

If the wastewater violation is not brought into compliance by 4/29/2024 appropriate legal action may
Date
be taken. Failure to comply with the laws, rules, and this notice may subject you to the following legal remedies: Injunction Relief [G.S. 130A-18], Administrative Penalties [G.S. 130A-22(c)], Suspension or Revocation of Permits [G.S. 130A-23], and Criminal Penalties [G.S. 130A-25].

You may contact our office at 704-902-0273 (phone) or Bryant.white@iredellcountync.gov (email).

Notice Issued 04-03-2024 Signed Bryant C. White
Date *Authorized Agent*

Compliance 11/18/24 Signed Danielle Wieberg
Date *Authorized Agent*

704-902-4482

Installation complete, properties combined 11/18/24
Bk 3099
Pg 1358

PERMIT SNAPSHOT REPORT OSWP-2024-52322 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	04/29/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	05/02/2025
Status:	On Hold	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Holland, Sydney	**Approval Expire Date:**	
Description:	Need septic repair				

Parcel: 4761879737.000 Main	**Address:** 140 Blue Spruce Ln Cleveland, NC 27013 Main	**Zone:** RA(Residential Agricultural District)

Property Owner Jose Garcia Mobile: (704) 201-3342	Applicant/Authorized Agent vanessa garcia Mobile: (336) 467-5633	Property Owner Alma Cedillo Mobile: (704) 495-4017	Applicant/Authorized Agent Vanessa Garcia 116 Blue Spruce Ln Cleveland, NC 27013 Mobile: (336) 467-5633

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	septic tank is in the back. water well also
Maximum Number of Bedrooms	4	If other Addition/Structure, please explain		Number of Occupants	5
Foundation Type	Concrete Slab Foundation	Water Supply	Existing Well	Desired Septic System Type	Conventional (most common)
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Vanessa_Garcia_4/29/2024.jpg	04/29/2024 11:52	Garcia, Vanessa		Uploaded via CSS
vanessa_v1.pdf	04/29/2024 12:03	Garcia, Vanessa	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-211210	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	05/02/2024	05/02/2024 0:00	05/02/2024 0:00	05/02/2024 13:48	05/02/2024 13:48

Inspectors: Holland, Sydney (Primary)

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. Site evaluation on 5/2/24. Located the septic on 116 blue spruce, system in tac and not failing. Neighbors' septic not crossing property lines. Owner dug a hole trying to fimd tank, hole was never covered, lots of rain water, leaf decay, rotten dirt, but no sewage. Advised owner to cover hole back up. No further action needed.	Sydney Holland	05/02/2024 13:44

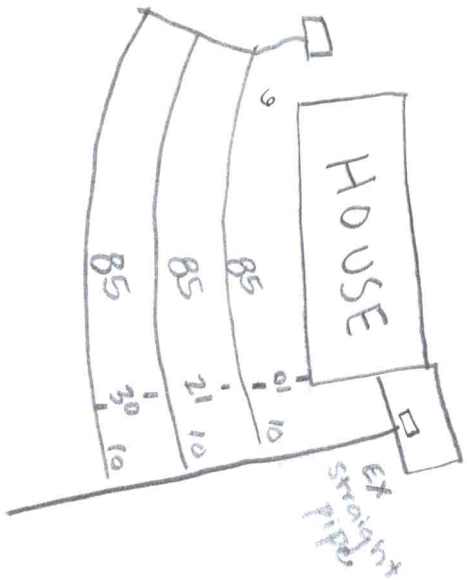
Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		04/29/2024 12:02	04/29/2024 12:03
Confirm application complete v.1	Generic Action		04/29/2024 12:03
~~**Zoning Review v.1**~~			04/29/2024 12:02

0-20 - CL I SBK SS-SP FR-SE

20-48 - CL I SBK

P.S .35

Mica inc common thru out



☆ Washer to be connected

☆ High capacity

☆ Cap discharge line

Repumb house to L side

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

PROPERTY ID #: 4761879737
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Jose Garcia DATE EVALUATED: 7/2/24
ADDRESS: 140 Blue Spruce
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360gpd PROPERTY SIZE: .75
LOCATION OF SITE: 140 Blue Spruce PROPERTY RECORDED: Yes
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other WATER SUPPLY SETBACK: 50'
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	5%	0-20	C / SBK	SS-SP-FR-SE	—	(48")	—	—	P.S .35	2"
		20-48	CL / SBK	SS-SP-FR-SE						
2										
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		300'
System Type(s)	X	H.C 25%
Site LTAR		.35
Maximum Trench Depth		34"

SITE CLASSIFICATION (.0509): P.S
EVALUATED BY: S. Holland
OTHER(S) PRESENT: B. Botkins

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).

