ICHD - ENVIRONMENTAL HEALTH DIVISION

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

5-H

PERMIT : OSWP 2024-56333

PIN # 4705 -- 56 -- 9585

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

APPLICANT/OWNER: David Wright | APPLICANT ADDRESS: 589 Lippard Farm Rd, Statesville

SITE ADDRESS: 589 Lippard Farm Rd, Statesville 28625 | PHONE: 828-217-2955 | ALT. PHONE -

SITE DIRECTIONS: Hwy 64 - Lippard Farm | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - | SECTION: - | LOT # - | LOT AREA: 0.8 | DESIGN FLOW: 360 gpd | L.T.A.R.(Initial): - | L.T.A.R (Repair): 0.35

Septic Tank 1000 (gal) STB 1012 Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 3 Linear Ft 258

Trench Width 36in *Max. Trench Depth(Initial) - *Max. Trench Depth(Repair) 30in Gravel Depth -

* Measured on the downhill side of the trench

☐ New System ☒ Repair ☐ Expansion System Type: I II III IV V VI

System Description: -

Repair System Description: 25% reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

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

Usable Depth to LC (Initial): -

☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

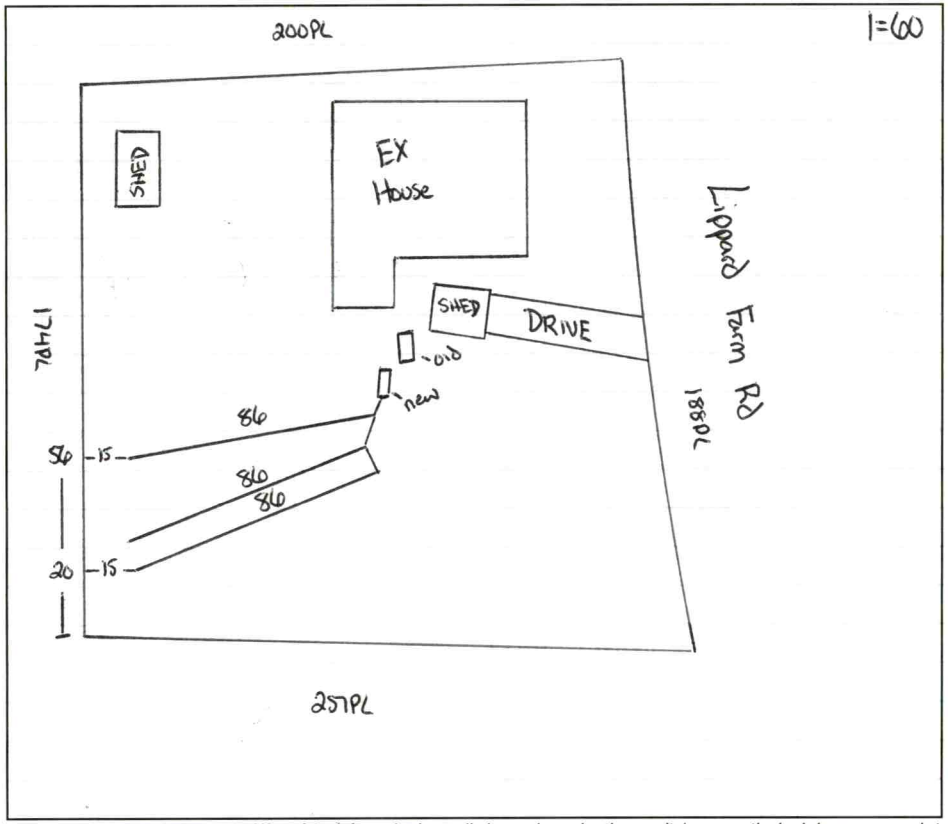
No. Bedrooms 3 | No. Persons 6 | No. Employees | ☒ Crawl Space | ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Usable Depth to LC (Repair): 48in *Limiting Condition*

Comments / Conditions: Install on contour with the land. Do not drive, park, or grade septic area.

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.*

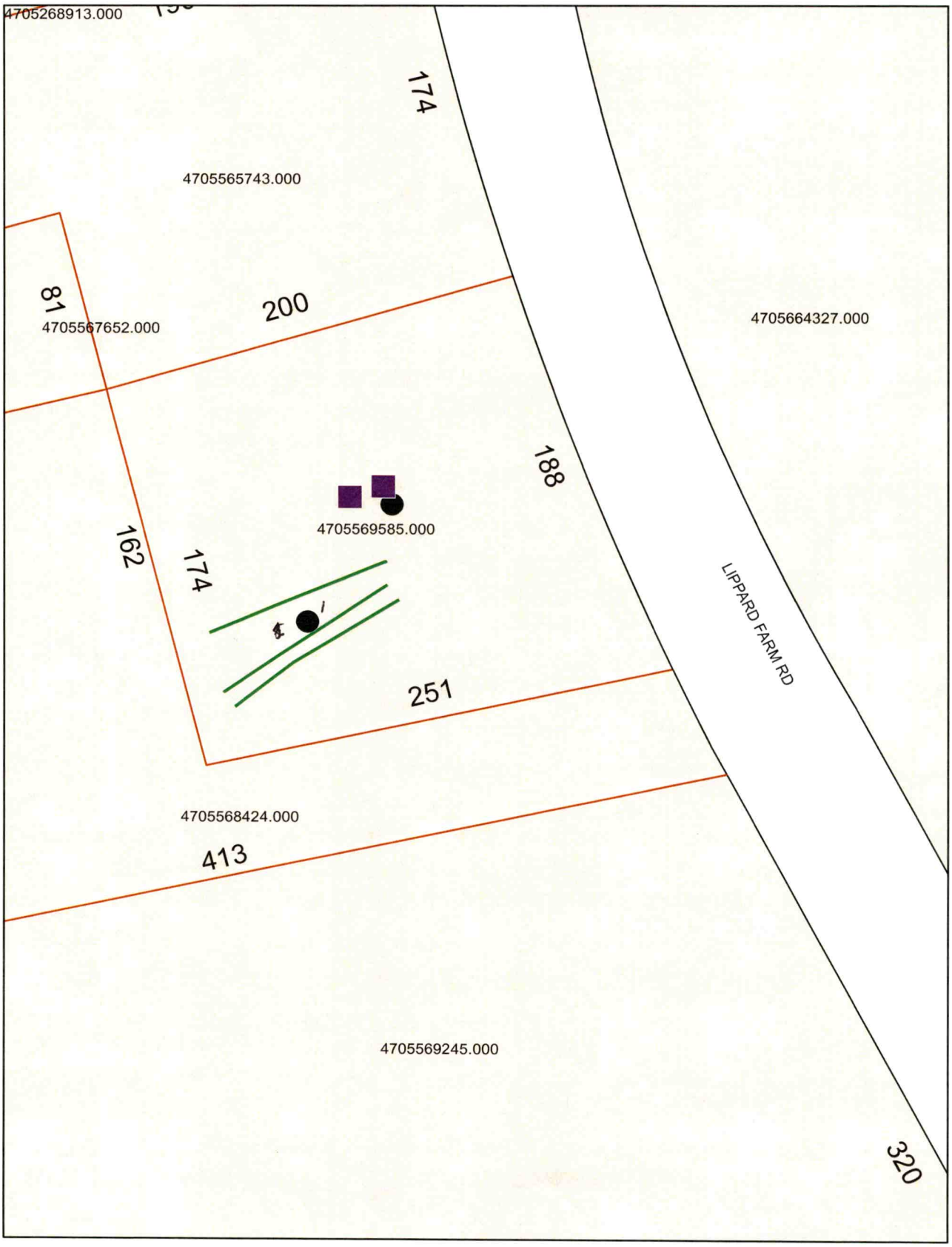
Owner / Applicant Signature: Online Signature Date: Installed by: TG Landscaping ✓

IMPROVEMENT PERMIT by: Cay Whl ✓ Date: 7/2/24 OPERATION PERMIT by: Cay Whl ✓ Date: 8/23/24

AUTHORIZATION TO CONSTRUCT by: Cay Whl ✓ Date: 7/2/24 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? _____	


4705268913.000
174
4705565743.000
81
4705567652.000
200
4705664327.000
188
4705569585.000
162
174
LIPPARD FARM RD
251
4705568424.000
413
4705569245.000
320
60 30 0 60 Feet

PERMIT SNAPSHOT REPORT OSWP-2024-56333 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	06/25/2024
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:	PRIORITY PERMIT -- REPAIR Drain lines failing				

Parcel:	4705569585.000 Main	**Address:**	589 Lippard Farm Rd Main Statesville, NC 28625 589 Lippard Farm Rd Statesville, NC 28625	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
David Wright	David Wright
589 Lippard Farm Rd	589 Lippard Farm Rd
Statesville, NC 28625	Statesville, NC 28625
Mobile: (828) 217-2955	Mobile: (828) 217-2955

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	NA
What are the proposed structures	Other Addition/Structure	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	Repair
Number of Occupants	1	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	
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_David_Wright_6/25/2024.jpg	06/25/2024 10:33	Wright, David		Uploaded via CSS
site3_v1.pdf	06/25/2024 11:10	Wright, David	Available Online	

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		06/25/2024 11:06	06/25/2024 11:10
Confirm application complete v.1	Generic Action		06/25/2024 11:10
~~**Zoning Review v.1**~~			06/25/2024 11:06
~~Floodplain Admin Overview v.1~~	Task		06/25/2024 11:06
~~Issue Invoice v.1~~	Generic Action		06/25/2024 11:06
~~Fees Paid v.1~~	Generic Action		06/25/2024 11:06
Fees v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
~~**Lot Readiness Verification v.1**~~			06/25/2024 11:06
~~OSWP Septic Preliminary Site Visit v.1~~	Inspection		06/25/2024 11:06
~~OSWP Site Evaluation v.1~~	Inspection		06/25/2024 11:06

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

PROPERTY ID #: 4705569585
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: David Wright DATE EVALUATED: 6/26/24
ADDRESS: 589 Lippard Farm
PROPOSED FACILITY: 3 bd/r home PROPOSED DESIGN FLOW (.0400): 360 gpd PROPERTY SIZE: 0.8
LOCATION OF SITE: 589 Lippard Farm PROPERTY RECORDED: yes
WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: 10
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 4%	0 - 18	C SBK	SS SP FR SE	-	49	Common SAP inc in CL layer		.35 PS	2
		18 - 49	CL SBK	SS SP FR SE						
2										
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		PS
System Type(s)		25%
Site LTAR		.35
Maximum Trench Depth		36 in

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Cory 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).

