ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT : OSWP 2025-168227

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

PIN # 4721 -- 53 -- 7944

APPLICANT/OWNER: Jacob Sherrill | APPLICANT ADDRESS: 600 E. Monbo Rd, Statesville 28677

SITE ADDRESS: 600 E. Monbo Rd Statesville 28677 | PHONE: 704-437-4627 | ALT. PHONE —

SITE DIRECTIONS: Old Mnt. Rd - R E Monbo - R 600 E Monbo - Follow long drive | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: — | SECTION: — | LOT # — | LOT AREA: 19.89 | DESIGN FLOW: 480 gpd | L.T.A.R.(Initial): .3 | L.T.A.R (Repair): .3

Septic Tank 1000 (gal)	STB	Date	☐ New System ☐ Repair ☑ Expansion	System Type: I (II) III IV V VI	☑ Residence	No. Bedrooms 4	Water Supply
Pump Tank (gal)	PT	Date	System Description: Ex + 25% Reduction		☐ Business	No. Persons 8	☑ Private
Pump Make Model		Serial #	Repair System Description: 25% Reduction		☐ Other	No. Employees	☐ Public
# Nitrification Fields 1	# Lines Ex + 3	Linear Ft Ex + 200'	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☑ Crawl Space	☐ Community
Trench Width 36"	*Max. Trench Depth(Initial) 26"	*Max. Trench Depth(Repair) 30"	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): 48"		Usable Depth to LC (Repair): 48"		*Limiting Condition*

Comments / Conditions: Do not pave, grade, park, drive, or bury utilities in drainfield. Replace tank if needed.

3BR floor plans - Must install 4BR north of system

INITIAL SITE SKETCH

See attached site plan by ICHD

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.

1" = 100'

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: Online | Date: | Installed by: AI - Backhoe

IMPROVEMENT PERMIT by: Sydney Howard | Date: 11/29/25 | OPERATION PERMIT by: Sydney Howard | Date: 2/17/25

AUTHORIZATION TO CONSTRUCT by: Sydney Howard | Date: 1/31/25 | 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? _____	

600 E. Monbo Rd
Statesville NC
28677

1" = 100'



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

PROPERTY ID #: 4721537944
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: Jacob Sherrill DATE EVALUATED: 1/28/25
ADDRESS: 600 E Monbo Rd
PROPOSED FACILITY: 480gpd PROPOSED DESIGN FLOW (.0400): 480gpd PROPERTY SIZE: 19.89
LOCATION OF SITE: 600 E. Monbo Rd PROPERTY RECORDED: yes
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other WATER SUPPLY SETBACK: -
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	27%	0-12	SCL/SBK	SS-SP-FR-SE	-	48"	-	-	S .3	10"
		12-30	C/SBK	↓						
		30-48	CL/SBK							
2	18%	0-8	SCL/SBK	S-P-FR-SE	- Discont. rock frag. Bt 36" Few Y/B in C	48"	-	-	S .3	6"
		8-36	C/SBK	S-P-FR-SE						
		36-48	CL/SBK	SS-SP-FR-SE						
3	18%	0-16	SCL/SBK	SS-SP-FR-SE	Discont. rock frag 20-39" Few Y/B in CL	48"			S .3	6"
		16-39	C/SBK	↓						
		39-48	CL/SBK							
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	E x t 200'	267'
System Type(s)	25%	50%
Site LTAR	.3	.3
Maximum Trench Depth	26"	30"

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

Comments:

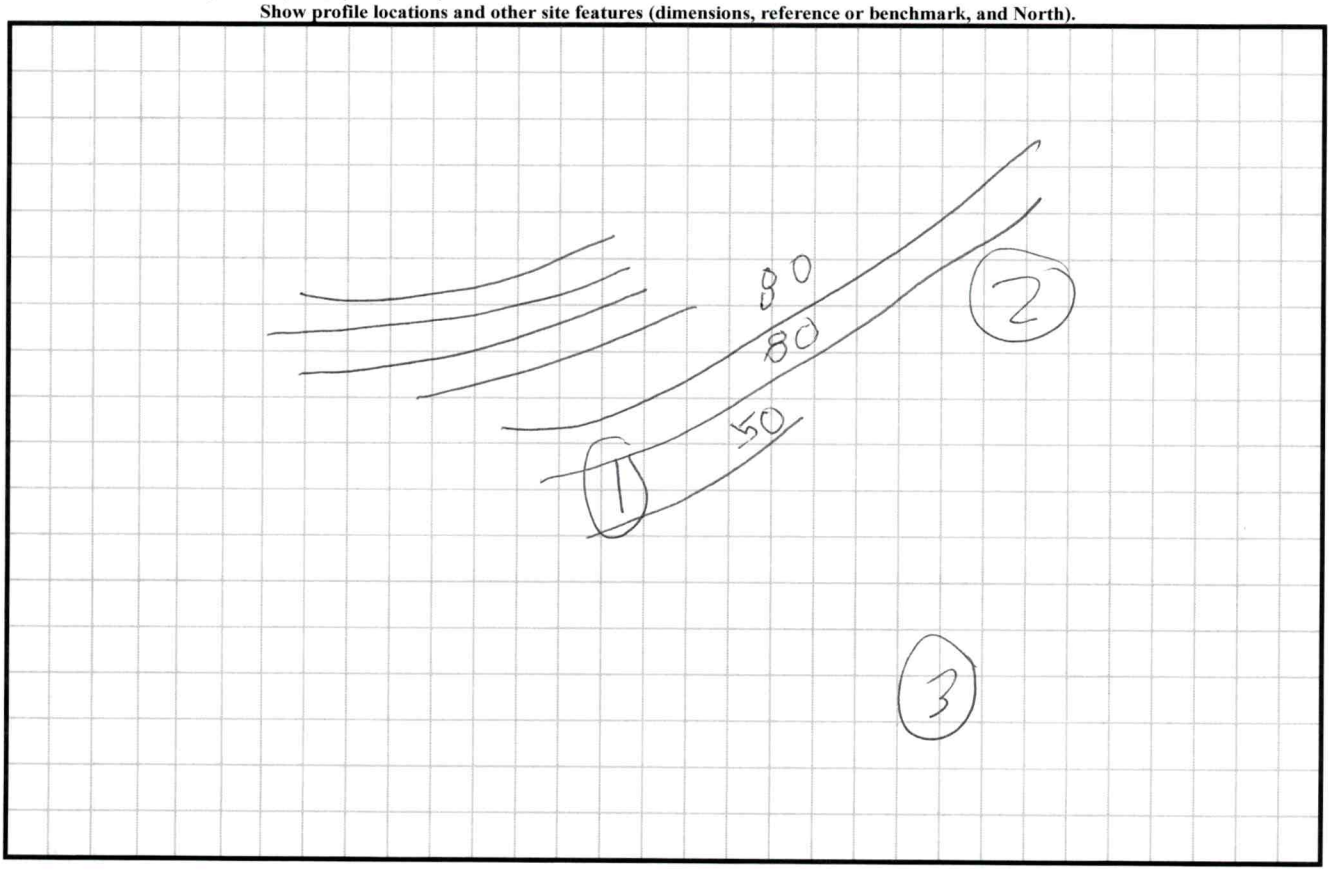
LEGEND

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).



IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 215957

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

PIN # 4721-53-7944

APPLICANT: Jake Sherrill APPLICANT ADDRESS: 772 Washington Ave. Statesville, NC 28677

SITE ADDRESS: 600 E. Monbo Road. Statesville, NC PHONE: 704-437-4627 ALT. PHONE:

SITE DIRECTIONS: E. Monbo Rd West from Trantman → Entrance to Parcel is across road from Hicks Creek Intersection

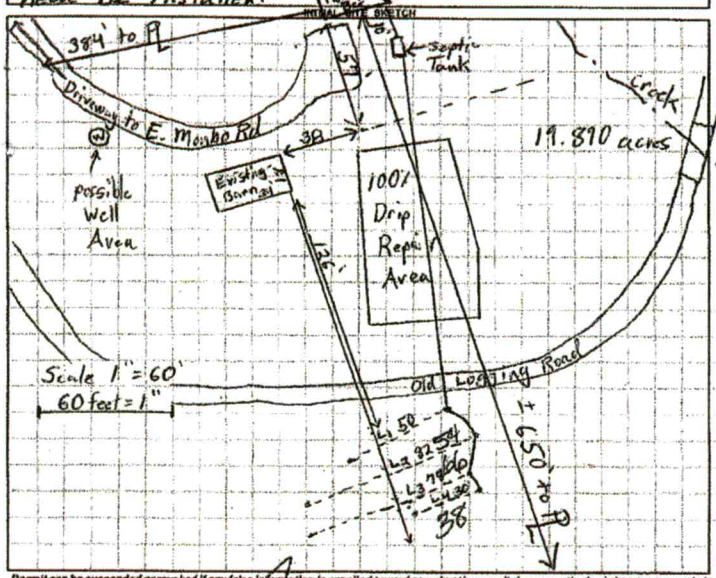
SUBDIVISION: — SECTION: — LOT # — LOT AREA: 19.890 acres DESIGN FLOW: 240 GPD L.T.A.R.: 0.30

Septic Tank	1000	(gal)	STB	760	Date	9-5-16	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	3	Water Supply
Pump Tank	—	(gal)	PT	—	Date	—	System Description: 25% Reduction		☐ Business	No. Persons	4	☒ Private
Pump Make	—	Model		—	Serial #	—	Repair System Description: Drip		☐ Other	No. Employees	—	☐ Public
# Nitrification Fields	1	# Lines	4		Linear Ft:	200	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☐ Crawl Space		☐ Community
Trench Width	36"	Max. Trench Bottom Depth		26" [low side]	Gravel Depth	—		☒ GRAVITY ☐ PRESSURE	☒ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Follow all N.C. Septic rules. Recommend pumping septic tank every 3-5 years. Though ≈240 l.f. of drainfield was laid out only 200 l.f. of 25% reduction need be installed.

Supply line ≈ 12 Ft

INITIAL SITE SKETCH



AS BUILT SKETCH

Used Quick 4 for Drainfield

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

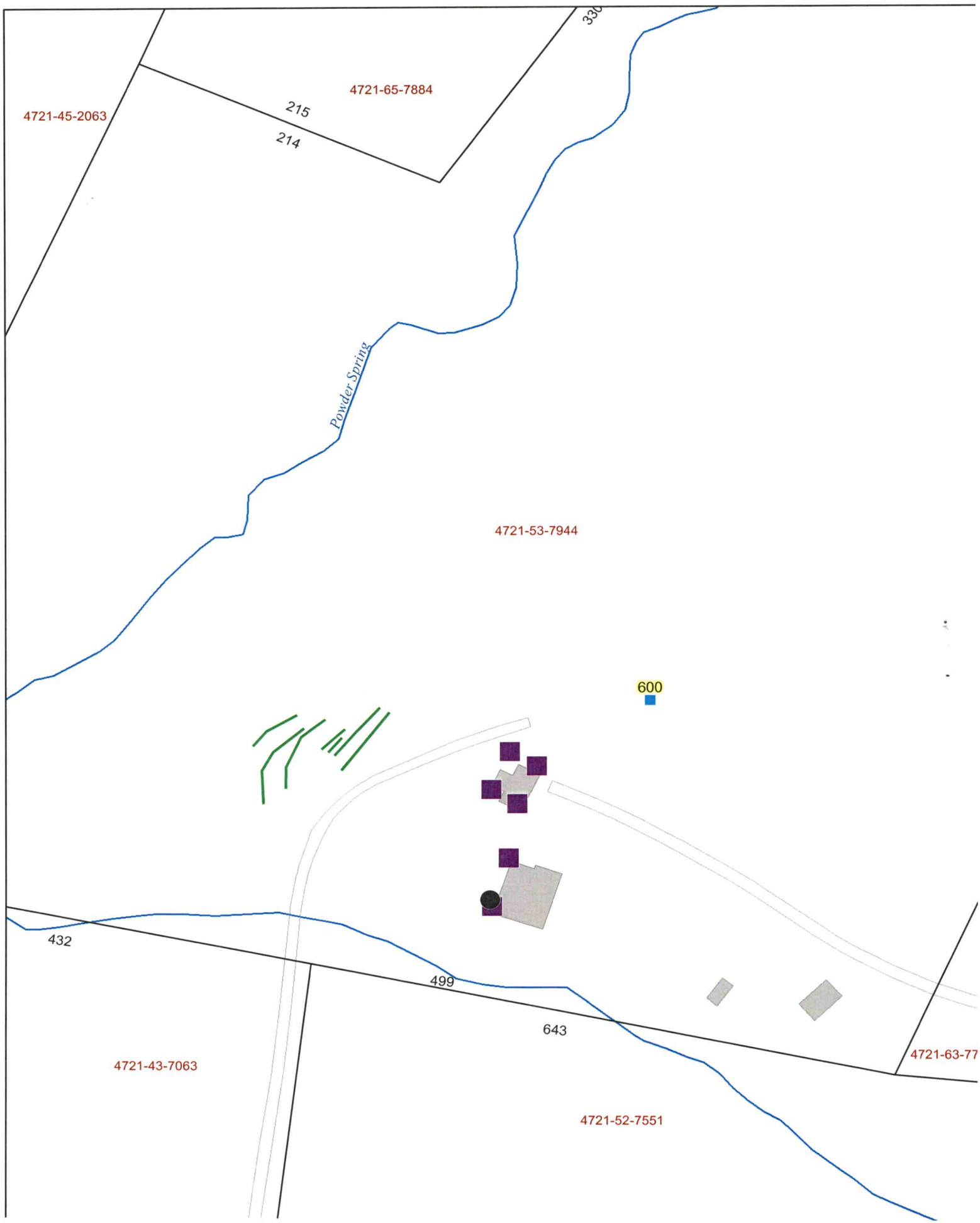
☐ IMPROVEMENT PERMIT *with plat* valid without expiration. ☒ IMPROVEMENT PERMIT *with site plan* valid for 60 mos. ☒ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: 11-22-16 Date: Installed by: A-1 Backhoe

IMPROVEMENT PERMIT by: for Date: 11-10-16 OPERATION PERMIT by: Marina Dotson Date: 12/13/16

AUTHORIZATION TO CONSTRUCT by: for Date: 11-10-16 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK


4721-45-2063
4721-65-7884
215
214
330
Powder Spring
4721-53-7944
600
432
499
643
4721-43-7063
4721-52-7551
4721-63-77

PERMIT SNAPSHOT REPORT OSWP-2025-68227 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/14/2025
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:**	Holland, Sydney	**Approval Expire Date:**	

Description: expanding septic for additional bedrooms-(not doing an addition only adding in existing square foot)

Parcel: 4721537944.000 Main	**Address:** 600 East Monbo Rd Main Statesville, NC 28677	**Zone:** R-20 CUD(R-20 CUD)

Applicant/Authorized Agent
Jacob K Sherrill
600 E Monbo Rd
Statesville, NC 28677
Business: (704) 437-4627
Mobile: (704) 437-4627

Property Owner
JAKE SHERRILL

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Expand septic to add bedrooms	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	home-40x40 barn-30x24
What are the proposed structures	Bedroom(s) Addition, New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	4	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Existing Well	Desired Septic System Type	No Preference
If other septic system type, please explain		Pump Make		Septic Tank	1000
# of Nitrification Fields		Model		Serial #	
System Description		Repair System Description		Comments/Conditions	
Has this project been approved by TRC	No	Lot Acreage	19.89	Front Setback	0
Back Setback	0	Left Setback	0	Right Setback	0
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				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jacob_Sherrill_1/14/2025.jpg	01/14/2025 13:55	Sherrill, Jacob		Uploaded via CSS
600 EAST MONBO RD IP - AC ORIGINAL SEPTIC 2016.pdf	01/14/2025 14:11	COMEAUX, DEBRA	Available Online	ORIGINAL SEPTIC PERMIT 2016
DOC TO AUTHORIZE AN OWNER_v3.pdf	01/15/2025 10:57	Sherrill, Jacob	Available Online	
septic1_v1.pdf	01/15/2025 15:00	Sherrill, Jacob	Available Online	
600 east monbo email_v1.pdf	01/15/2025 15:01	Kendrick, Brandi	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2025-277825	Requested	OSWP Septic/Well Preliminary Site	01/21/2025	01/22/2025 0:00	01/22/2025 0:00		

PERMIT SNAPSHOT REPORT (OSWP-2025-68227)

Visit

Inspectors: Fleming, Latasha (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. I called applicant and left a voice message to call me back to confirm property is ready for me to inspect.	Peter Mravetz	01/17/2025 10:58

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00039956	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00039956	$500.00	$500.00
	Grand Total for Permit	**$500.00**	**$500.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/15/2025 10:57	01/15/2025 10:57
Confirm application complete v.1	Generic Action		01/15/2025 10:57
~~**Zoning Review v.1**~~			01/15/2025 15:58
~~Floodplain Admin Overview v.1~~	Task		01/15/2025 15:58
~~Iredell County Zoning Approval v.1~~	Task		01/15/2025 15:58
~~Issue Invoice v.1~~	Generic Action		01/15/2025 15:58
~~Fees Paid v.1~~	Generic Action		01/15/2025 15:58
Fees v.1		01/15/2025 15:59	01/17/2025 8:58
Issue Invoice v.1	Generic Action		01/15/2025 15:59
Fees Paid v.1	Generic Action		01/17/2025 8:58
Lot Readiness Verification v.1		01/21/2025 10:22	
OSWP Septic Preliminary Site Visit v.1	Inspection	01/21/2025 10:22	01/21/2025 10:22
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		