145

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # DSWP 2023 35735

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM / Repair PIN # 4962-03-2803

APPLICANT/OWNER: Russel Reichart APPLICANT ADDRESS: 256 Clements Rd Statesville NC 28677

SITE ADDRESS: 256 Clements Rd Statesville NC 28677 PHONE: 704 902 1905 ALT. PHONE —

SITE DIRECTIONS: US 70 E → Shiloh Rd → (L) Clements Rd SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: SECTION: — LOT # LOT AREA: 1 AC DESIGN FLOW: 360 L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	760	Date	8/29/23	☐ New System	☒ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	149	Date	7/17/23	System Description: —				
Pump Make	Champion		Model	CPES-12	Serial #		Repair System Description: PM 25% Reduction				
# Nitrification Fields	1		# Lines	7	Linear Ft	300	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"		Trench Bottom Depth ~~(Low side)~~	AT 36"	Gravel Depth	—		☐ GRAVITY	☒ PRESSURE		

☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Crawl Space ☒ Basement w/plumbing ☐ Basement w/o plumbing

No. Bedrooms 3 No. Persons 6 No. Employees —

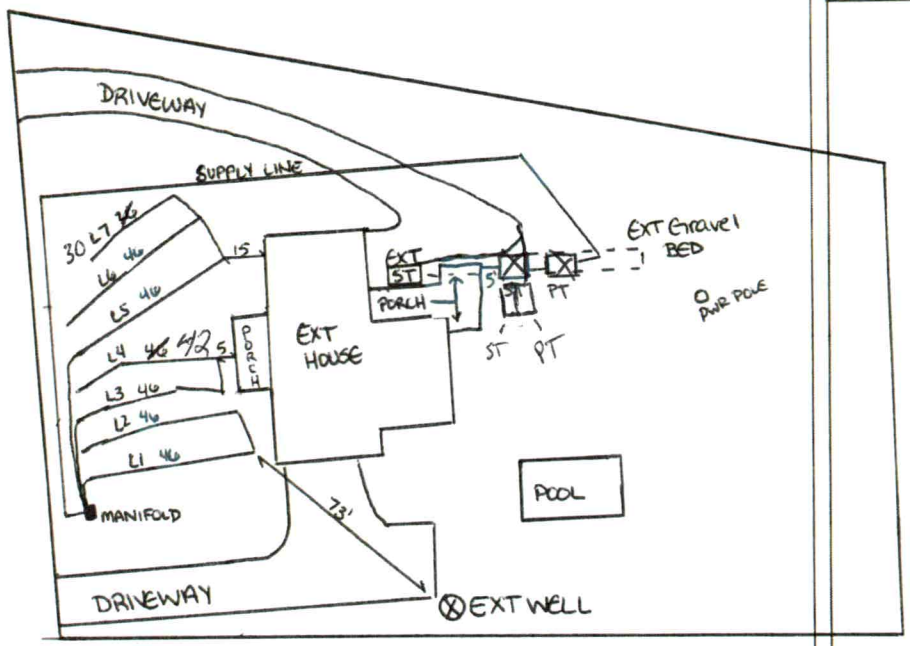
Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Pump, crush, & fill existing tank. Keep supply line 5' from property line. Keep 5' from porch. Install on contour. Keep supply line 30" under driveway. Use 2" supply line.

36" HIGH SIDE TRENCH

INITIAL SITE SKETCH

SCALE 1" = 50'



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.

TAPS - L1 + L2 fed together 1/2" sch 40
- L3 + L4 fed together 1/2" sch 40
- L5, L6, + L7 fed together 3/4" sch 80

2' pressure head
FLOW 24.32 gpm
DRAWDOWN 6.5"
DOSE 136.5 gallons
RUN TIME 5.61 min

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 Date: Installed by: K & M Grading & Septic

IMPROVEMENT PERMIT by: Sarah Williams Date: 9/13/2023 OPERATION PERMIT by: Date: 10/19/23

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 9/13/2023 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: IREDELL

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

4751-70-1889

OWNER: Russel Reichart
ADDRESS: 256 Clements Rd Statesville NC 28677
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 256 Clements Rd Statesville NC 28677
WATER SUPPLY: Private Public (Well) Spring Other —
EVALUATION METHOD: Auger Boring (Pit) Cut

APPLICATION DATE 9/5/2023
DATE EVALUATED: 9/7/2023
PROPERTY SIZE: 0.496 AC
PROPERTY RECORDED: Y
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	AB1 LS 10%	0-6	FILL MIX	SSSPSEFR	—	(48)	—	—	PS 0.3
		6-22	C BK	⊥					
		22-48	CL BK						
2	AB2 LS 3-4%	0-18	FILL MIX	SSSPSEFR	—	(60)	—	—	PS 0.3 below 18"
		18-43	C BK	⊥					
		43-60	CL BK						
3	AB3 LS 3-4%	0-18	FILL MIX	SSSPSGFR	— SAP incl in CL 41-60	(60)		—	PS 0.3 below 18"
		18-41	C BK	⊥					
		41-60	CL BK						
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	—	300
System Type(s)	—	PM 25%
Site LTAR	—	0.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS 0.3
EVALUATED BY: S. Williams
OTHER(S) PRESENT: S. Holland
C. Wicker

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

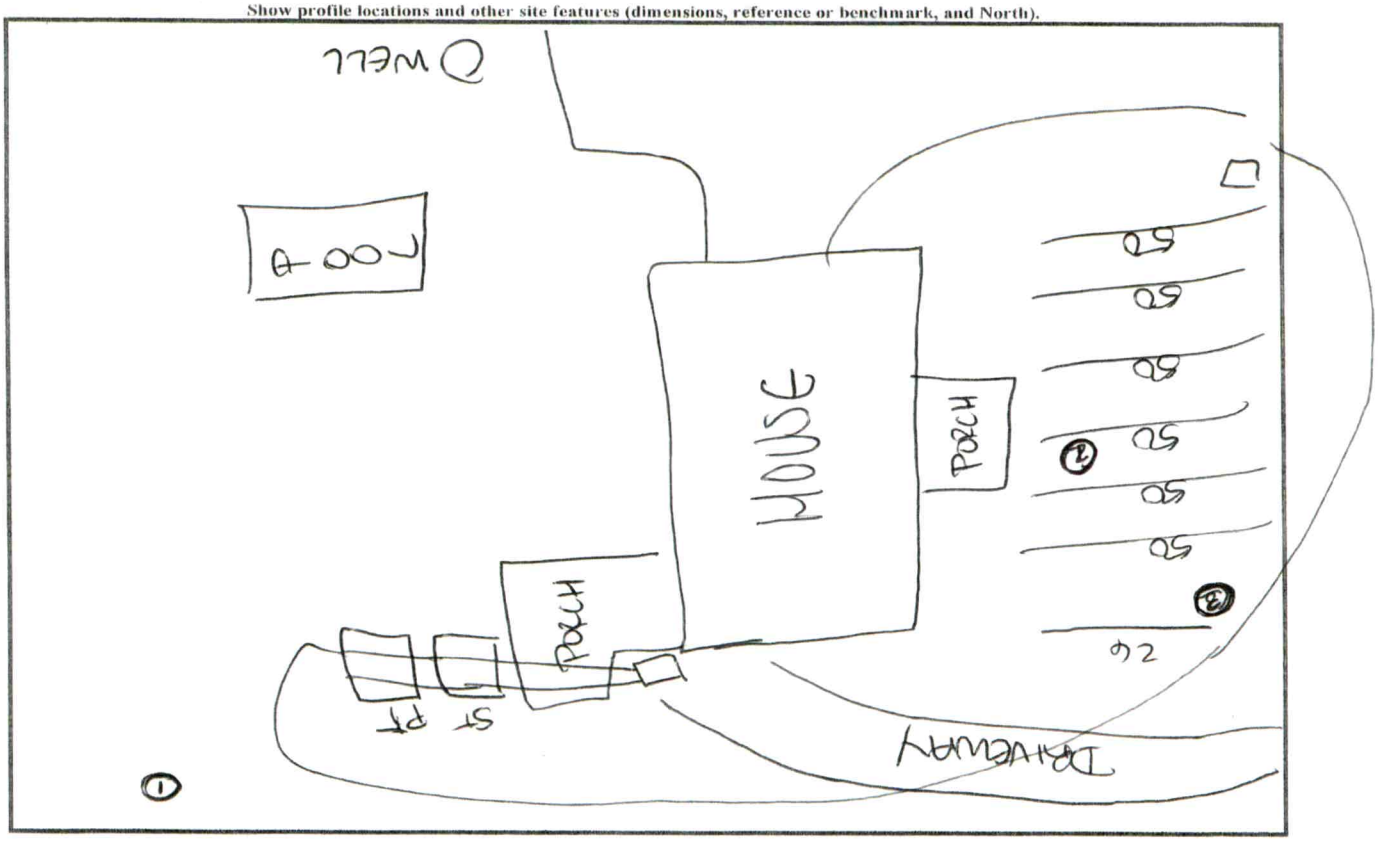
NOTES

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)
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), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).




4762-04-0516
4762-04-4479
263
347
280
Clements Rd
347
178
256
262
360
284
294
4762-03-2803
4752-93-9863
4762-03-5723
127
128
61
298
4762-03-1657
79
116
4762-03-5541
4762-03-0545
104
4762-03-1542

Iredell County, North Carolina

September 13, 2023



Tax Map Information

• PIN	4751701889.000
• Address	133 OVERCASH RD
• Account #	Acct 80091850
• Tax Owner	CERNAS ALEJANDRO RIOS
• Mailing Address	151 BYERS RD
•	TROUTMAN, NC 28166
• GIS Owner	CARNAS ALEJANDRO R
• Deed Info	2955 / 1203 - WD - 20221026
• Tax Acres	0.496 AC
• Lot #	2
• Description	LOWDERMILK LEGACY PB71-14
• Zoning	RA
• Old Parcel #	1604K01000A027
• Bldg Value	$77,390
• OBXF Value	$0
• Land Value	$20,890
• Total Value	$98,280
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

IREDELL

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 06/05/2023
Data updated 09/13/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.