BLDR-2024-44066

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

SH

PERMIT # OSWP 2023 38115

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

PIN # 4799 -- 19 -- 8369

APPLICANT/OWNER: Todd Atwell | APPLICANT ADDRESS: 135 Piney Grove Rd Harmony NC 28634

SITE ADDRESS: 145 Piney Grove Rd Harmony NC 28634 | PHONE: 704 437 9141 | ALT. PHONE —

SITE DIRECTIONS: Hwy 901 → Guilford Rd → (L) Fox Hunter Rd → (R) Piney Grove Rd | SAP CONTROLLED: ☐ YES ☒ NO

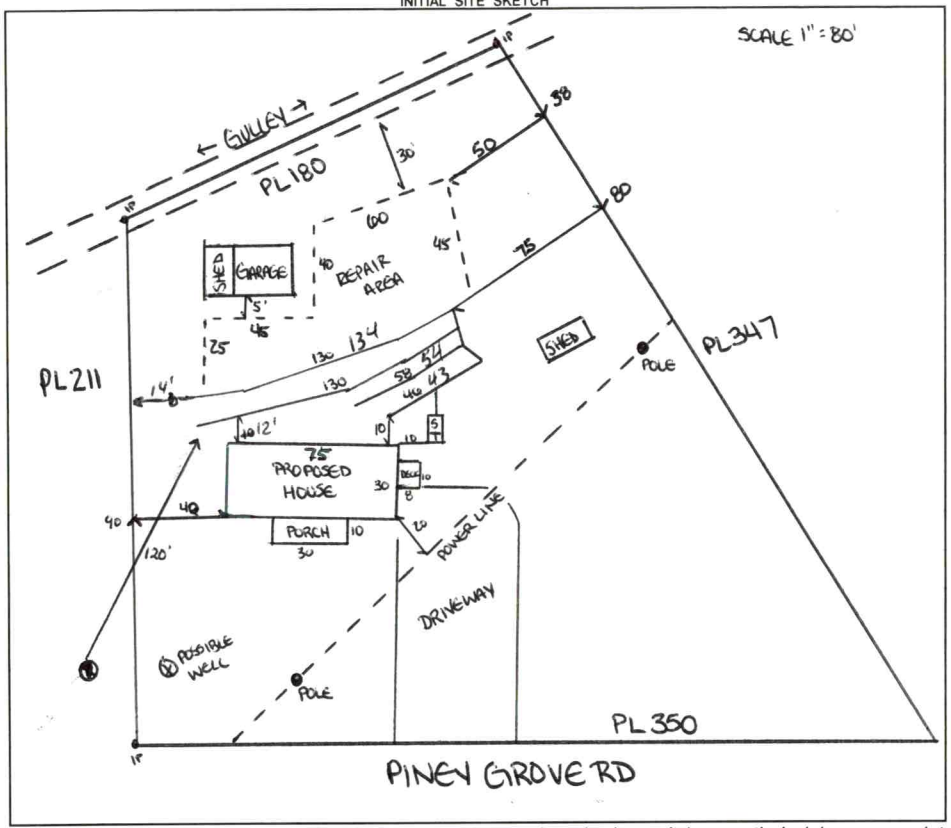
SUBDIVISION: Todd T Atwell | SECTION: — | LOT # 3 | LOT AREA: 1.565AC | DESIGN FLOW: 360 | L.T.A.R.: 0.25

Septic Tank	1000 (gal)	STB	854	Date	—	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	— (gal)	PT	—	Date	—	System Description:	Gravity 25% Reduction		
Pump Make	—	Model	—	Serial #	—	Repair System Description:	Gravity 25% Reduction		
# Nitrification Fields	1	# Lines	4	Linear Ft	360'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36"	Trench Bottom Depth(Low side)	33"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE		

☒ Residence	No. Bedrooms	3	**Water Supply**	
☐ Business	No. Persons	6	☒ Private	
☐ Other	No. Employees		☐ Public	
☐ Slab	☒ Crawl Space		☐ Community	
☐ Basement w/plumbing			☐ Basement w/o plumbing	

Comments / Conditions: Install on contour 9' on center. Utilize serial distribution. Do not exceed 36" maximum trench depth.

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 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: A-1 Backhoe

IMPROVEMENT PERMIT by: Sarah Williams | Date: 10/25/2023 | OPERATION PERMIT by: Bryant C. White | Date: 4-22-2024

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 10/25/2023 | Existing System Inspected by: | Date:

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

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? _____	


4890-10-2431
4890-00-7075
4890-10-8022
4799-29-5632
67
(612)
Fox Hunter Rd
(225)
4799-19-9549
292
478
130
347
4799-29-5
180
4799-19-6336
3
145
2
4799-19-8369
330
350
211
Piney Grove Rd
135
152
4799-19-7125
441
4
4799-28-3949
PB 81-34
4799-19-5022
291
409
1196

PERMIT SNAPSHOT REPORT OSWP-2023-38115 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Project:
App Date: 10/03/2023

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: Bracken, Sarah
Approval Expire Date:

Description: new house 3 bed room 2 bath around 1600 sq ft 10/05 Spoke to Todd on 10/03 site ready GM 10/05 Site visit, site ready Todd's phone # in internal notes. White flags mark HB. GM

Parcel: 4799196136.000 Main
Address: 145 Piney Grove Rd Harmony, NC 28634 Main
Zone: RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Todd Atwell	Todd Atwell
135 Piney Grove Rd	135 Piney Grove Rd
Harmony, NC 28634	Harmony, NC 28634

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	house is 28 by 64 front porch 8 by 28 deck on one end 8 by 10
What are the proposed structures	New Single-Family Residence - Stick Built	Maximum Number of Bedrooms	3	If other Addition/Structure, please explain	
Number of Occupants	4	Foundation Type	Crawl Space Foundation	Water Supply	New Well
Desired Septic System Type	No Preference	Has this project been approved by TRC	No	Lot Acreage	1.565
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Oct 4 2023 12:00AM	Zoning Permit Expiration Date	Apr 1 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	WSIII BOW HUNTING CREEK		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Todd_Atwell_10/3/2023.jpg	10/03/2023 12:47	Atwell, Todd		Uploaded via CSS
145 Piney Grove Owner's Legal Rep.pdf	10/03/2023 13:10	Gordon, Patricia		
145 Pine Grove Site Plan.pdf	10/03/2023 13:10	Gordon, Patricia		
145 Piney Grove Floor Plan.pdf	10/03/2023 13:11	Gordon, Patricia		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-148203	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	10/05/2023	10/05/2023 0:00	10/05/2023 0:00	10/05/2023 16:56	10/05/2023 16:56

Inspectors: McLeod, Grace (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. 10/05 Site Ready **** Todd (704) 437-9141 White flags mark HB. Corner on front right is marked in a clump of trees near the road just past cleared area. GM	Grace McLeod	10/05/2023 16:56

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00021613	Iredell Zoning Permit Fee	$75.00	$75.00

PERMIT SNAPSHOT REPORT (OSWP-2023-38115)

Iredell Zoning Tech Fee		$2.25	$2.25
New Gravity System		$500.00	$500.00
	Total for Invoice INV-00021613	$577.25	$577.25
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/03/2023 13:42	10/03/2023 13:42
Confirm application complete v.1	Generic Action		10/03/2023 13:42
Fees v.1		10/04/2023 9:43	10/04/2023 12:36
Fees Paid v.1	Generic Action		10/04/2023 12:36
Issue Invoice v.1	Generic Action		10/04/2023 9:43
Lot Readiness Verification v.1		10/05/2023 16:55	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/05/2023 16:55	10/05/2023 16:56
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		10/03/2023 13:42	10/04/2023 12:35
~~Floodplain Admin Overview v.1~~	Task		10/03/2023 13:42
Iredell County Zoning Approval v.1	Task	10/03/2023 13:42	10/04/2023 12:35
Issue Invoice v.1	Generic Action		10/04/2023 12:35
Fees Paid v.1	Generic Action		10/04/2023 12:35
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		

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

Sheet 1 of ____
PROPERTY ID #: ____
COUNTY: IREDELL
4799-19-6136

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

OWNER: Todd Atwell
ADDRESS: 135 Piney Grove Rd Harmony NC 28634
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 145 Piney Grove Rd Harmony NC 28634
WATER SUPPLY: Private Public (Well) Spring Other ____
EVALUATION METHOD: Auger Boring (Pit) Cut
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

APPLICATION DATE 10/3/23
DATE EVALUATED: 10/17/23
PROPERTY SIZE: 1.565 AC
PROPERTY RECORDED: Y

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	LS 8-9%	0-10	C PLOW	S P SE Fi	few SAP in CL 45"+ few YB in C 13"+ 7.5YR6/6 few 10YR 7/6 @ 24"-28"	(64)	—	—	PS 0.25
		10-30	C SABK	S P SE FR					
		30-64	CL ABK	SS SP SE FR					
2	LS 6-7%	0-12	PLOW CL	SS SP SE Fi	few SAP in CL 48"+ few 2.5Y 6/6 in C/CL break few 10YR 6/6 + 7/6 in C	(58)	—	—	PS 0.25
		12-36	C SABK	S P SE FR					
		36-58	CL ABK	SS SP SE FR					
3	LS 7-8%	0-12	PLOW CL	SS SP SE FR	few Litho + SAP in CL few YB in C	(53)	—	—	PS 0.275
		12-32	C ABK	S P SE FR					
		32-53	CL WABK	SS SP SE FR					
4	LS 8-9%	0-12	PLOW SCL	SS SP SE FR	few SAP in CL few YB in C 5Y 5/6 @ 31"-35"	(53)	—	—	PS 0.275
		12-38	C SABK	S P SE FR					
		38-53	CL ABK	SS SP SE FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	G 25%	G 25%
Site LTAR	0.25	0.25

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS 0.25
EVALUATED BY: S. Williams
OTHER(S) PRESENT: —

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.

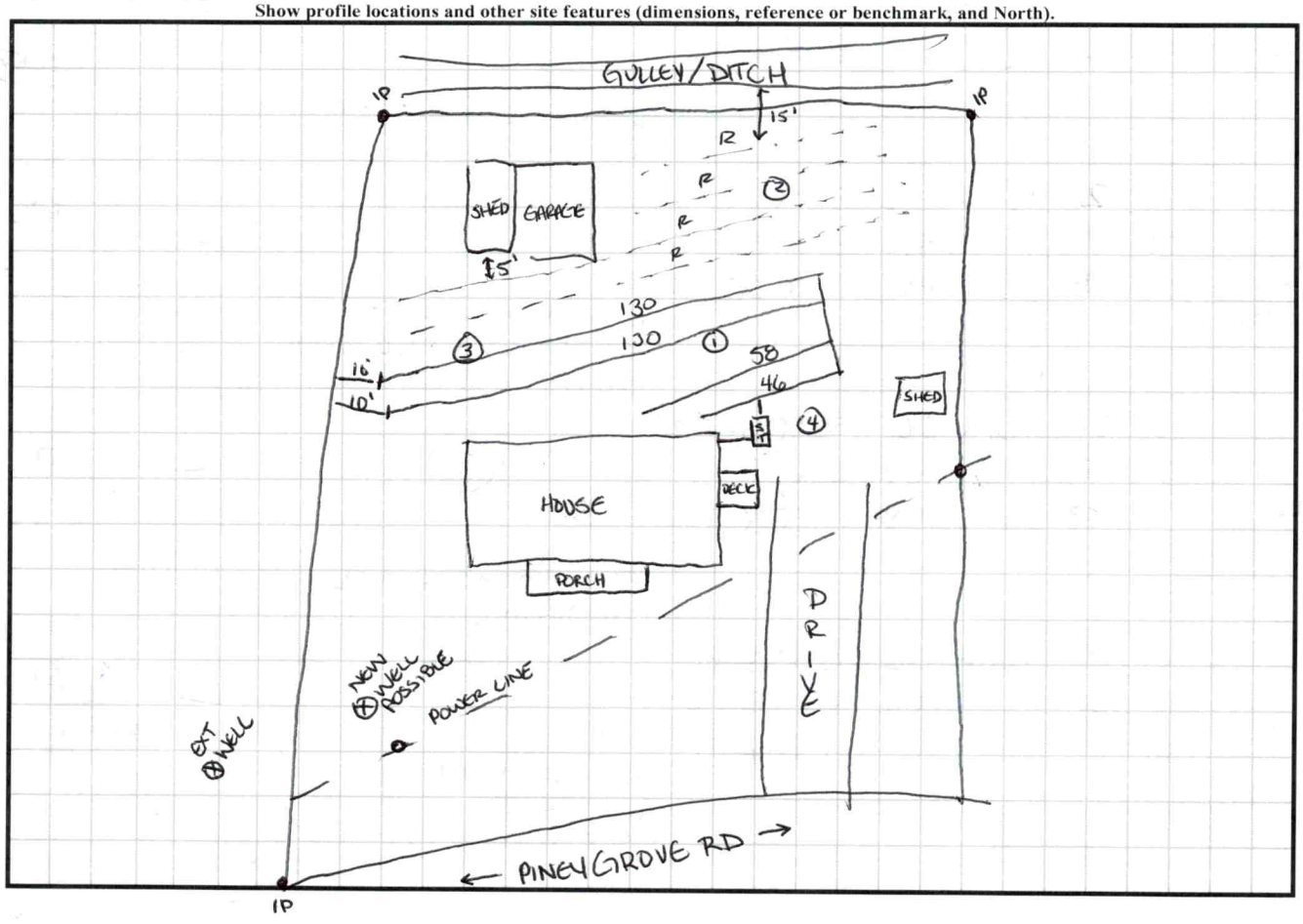
NOTES

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).



NEIGHBORS WELL
210
40'
Bath
Bed
Bed
Bed
Kitchen
Kitchen
64 wash rms
28
103'
95'
steps
FIRE PIT
Rd
Dirt way
180'
125'
SHED
347
POWER


74'
Bed
Bath
Bed
Wash Room
8x10
Bath
Bed
Living room
Kitchen
Kitchen
35'
64
28