BLDR-2024-49850

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BCW

PERMIT : OSWP 2024-44121

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

PIN # 4788-23-6670

APPLICANT/OWNER: Robert Hudgins APPLICANT ADDRESS: 269 Vaughn Mill Rd Statesville NC 28625

SITE ADDRESS: 145 Gantt Horn Rd Statesville NC 28625 PHONE: 7045462228 ALT. PHONE 7048818215

SITE DIRECTIONS: Old Mocksville Rd → (R) Gantt Horn → site on (L) SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 215.03 DESIGN FLOW: 100 L.T.A.R.(Initial): 0.25 L.T.A.R (Repair): 0.25

Septic Tank 1000 (gal) STB 760 Date 3/2/24

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 2 Linear Ft 100

Trench Width 36" *Max. Trench Depth(Initial) 23" *Max. Trench Depth(Repair) 23" Gravel Depth —

* Measured on the downhill side of the trench

[X] New System [ ] Repair [ ] Expansion System Type: I II (III) IV V VI

System Description: Gravity 25% Reduction

Repair System Description: 25% Reduction

Maintenance Agreement Required: [ ] YES [ ] NO

[ ] GRAVITY [ ] PRESSURE

Effluent Standard: [X] DSE [ ] HSE [ ] TS-I [ ] TS-II [ ] RCW [ ] NSF/ANSI 40

Usable Depth to LC (Initial): 60 Usable Depth to LC (Repair): 60 *Limiting Condition*

[ ] Residence No. Bedrooms —

[ ] Business No. Persons 4

[X] Other No. Employees —

[X] Slab [ ] Crawl Space

[ ] Basement w/plumbing [ ] Basement w/o plumbing

Water Supply

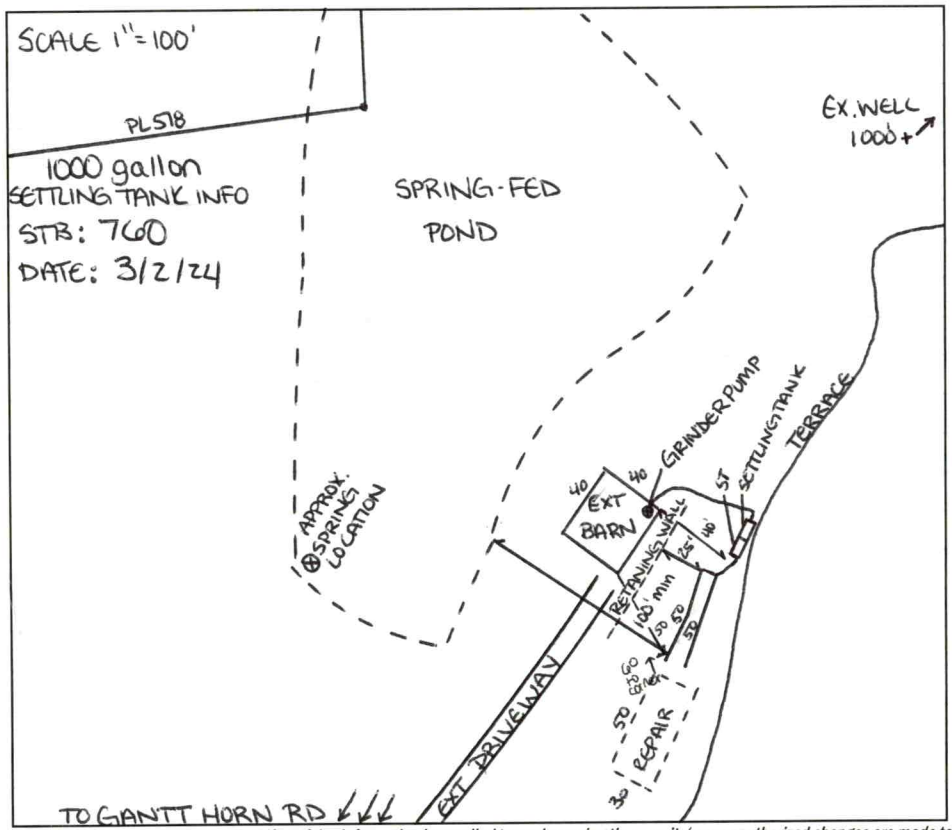
[X] Private

[ ] Public

[ ] Community

Comments / Conditions: Install on contour 9' on center. Keep 25' from retaining wall. Keep 100' from waters edge on pond. Grinder pump to settling tank. Do not drive, park, grade pave, or disturb septic area. Pre-construction meeting required for line location. 704-902-4481

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.

Changed to 1" = 100' line approved SW 4/19/24



* Not to be used as a residence at any time *

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.* [X] **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* [X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: ONLINE Date: — Installed by: Steve Jordan

IMPROVEMENT PERMIT by: Sarah Williams Date: 2/19/2024 OPERATION PERMIT by: Sarah Williams Date: 4/23/24

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 2/19/2024 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? _____	

PERMIT SNAPSHOT REPORT OSWP-2024-44121 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/03/2024
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:	NO ZONING NEEDED PER REBECCA: Site visit 1/23. Owner said needed to survey still, will call when complete.-BM				

Parcel: 4788236670.000 Main	**Address:** 145 Gantt Horn Rd Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Robert Hudgins	Robert H Hudgins
Home: (704) 546-2228	269 Vaughn Mill RD
Mobile: (704) 881-8215	Statesville, NC 28625

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	36' x 36'
Maximum Number of Bedrooms	0	If other Addition/Structure, please explain		Number of Occupants	0
Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Other	Number of Employees	0
Water Supply	Existing Well	Desired Septic System Type	No Preference	Zoning Notes/Addendums	Bona fide farm based on tax deferment; no zoning required
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Robert_Hudgins_1/3/2024.jpg	01/03/2024 17:01	Hudgins, Robert		Uploaded via CSS
IMG_0255_v1.jpeg	01/04/2024 7:47	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
SitePlan_v1.pdf	01/04/2024 11:38	COMEAUX, DEBRA	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-186714	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	02/06/2024	02/05/2024 0:00	02/05/2024 0:00	02/06/2024 8:11	02/06/2024 8:11

Inspectors: Moore, Bradley (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
Minimum 100' chambers / 4 employees OR 1 bedroom		

PERMIT SNAPSHOT REPORT (OSWP-2024-44121)

1. It is a bona fide farm and zoning is not required. So I skipped all the stuff in zoning review in Workflow and will assign it back to you. Rebecca Harper, AICP, CZO Iredell County Planning & Development PO Box 788 Statesville, NC 28687 704-878-3118 x2398 It is a bona fide farm and zoning is not required. So I skipped all the stuff in zoning review in Workflow and will assign it back to you. Rebecca Harper, AICP, CZO Iredell County Planning & Development PO Box 788 Statesville, NC 28687 704-878-3118 x2398 It is a bona fide farm and zoning is not required. So I skipped all the stuff in zoning review in Workflow and will assign it back to you. Rebecca Harper, AICP, CZO Iredell County Planning & Development PO Box 788 Statesville, NC 28687 704-878-3118 x2398	Brandi Kendrick	01/04/2024 10:55

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00025093	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00025093	$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		01/04/2024 7:47	01/04/2024 7:47
Confirm application complete v.1	Generic Action		01/04/2024 7:47
Fees v.1		01/04/2024 11:37	01/16/2024 10:15
Fees Paid v.1	Generic Action		01/16/2024 10:15
Issue Invoice v.1	Generic Action		01/04/2024 11:37
~~**Zoning Review v.1**~~			01/04/2024 9:21
~~Floodplain Admin Overview v.1~~	Task		01/04/2024 9:21
~~Issue Invoice v.1~~	Generic Action		01/04/2024 9:21
~~Fees Paid v.1~~	Generic Action		01/04/2024 9:21
Lot Readiness Verification v.1		02/06/2024 8:11	
OSWP Septic Preliminary Site Visit v.1	Inspection	02/06/2024 8:11	02/06/2024 8:11
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		

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

PROPERTY ID #: 4788-23-6670
COUNTY: IREDELL

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

(Complete all fields in full)

OWNER: Robert Hudgins DATE EVALUATED: 2/15/2024
ADDRESS: 209 Vaughn Mill Rd Statesville NC 28625
PROPOSED FACILITY: BARN + Bathroom PROPOSED DESIGN FLOW (.0400): 100 PROPERTY SIZE: 215.03 AC
LOCATION OF SITE: 145 Gant Horn Rd Statesville NC 28625 PROPERTY RECORDED: Y
WATER SUPPLY: Public (Single Family Well) Shared Well Spring Other — WATER SUPPLY SETBACK: 100'
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	LS 24% I	0-4	DIST C	S P SE FR	few YB in C	4-17" (28) + 16 SAP (44)		—	S 0.3	9" *
		4-17	C ABK	S P SE FR						
		17-28	CL WABK	SS SP SE FR						
		28-60	SL SAP M	NS NP SE VFR	heavy SAP in CL 17"-28"					
2	LS 17% I/R	0-12	DIST C TERR	S P SE FR	few YB in C DIST LAYER	(36) + 12 SAP (48)		—	S 0.25	7"
		12-36	CL WABK	SS SP SE FR						
		36-60	SL SAP M	NS NP SE FR	heavy SAP in CL 12"-36"					
3	LS 14% R	0-12	DIST C TERR	S P SE FR		(29) + 15 SAP (44)		—	S 0.3	6"
		12-18	C ABK	S P SE FR						
		18-29	CL WABK	SS SP SE FR						
		29-60	SL SAP M	NS NP SE VFR	heavy SAP in CL 18"-29"					
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	100'	100'
System Type(s)	Gravity 25	Gravity 25
Site LTAR	0.25	0.25
Maximum Trench Depth	23"	23"

SITE CLASSIFICATION (.0509): S 0.25
EVALUATED BY: S. Williams
OTHER(S) PRESENT: S. Holland

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

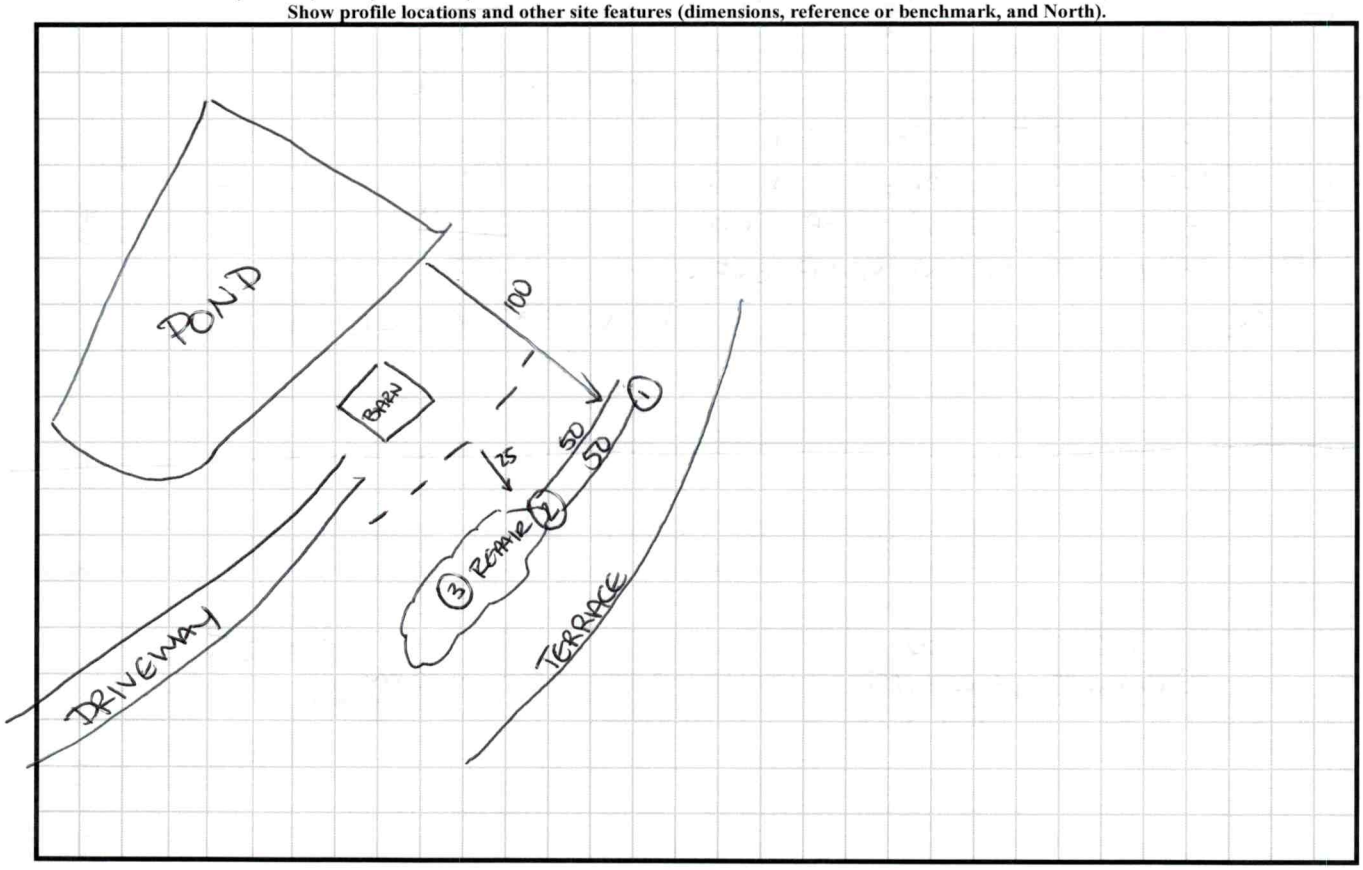
RESTRICTIVE HORIZON Thickness and depth from land surface

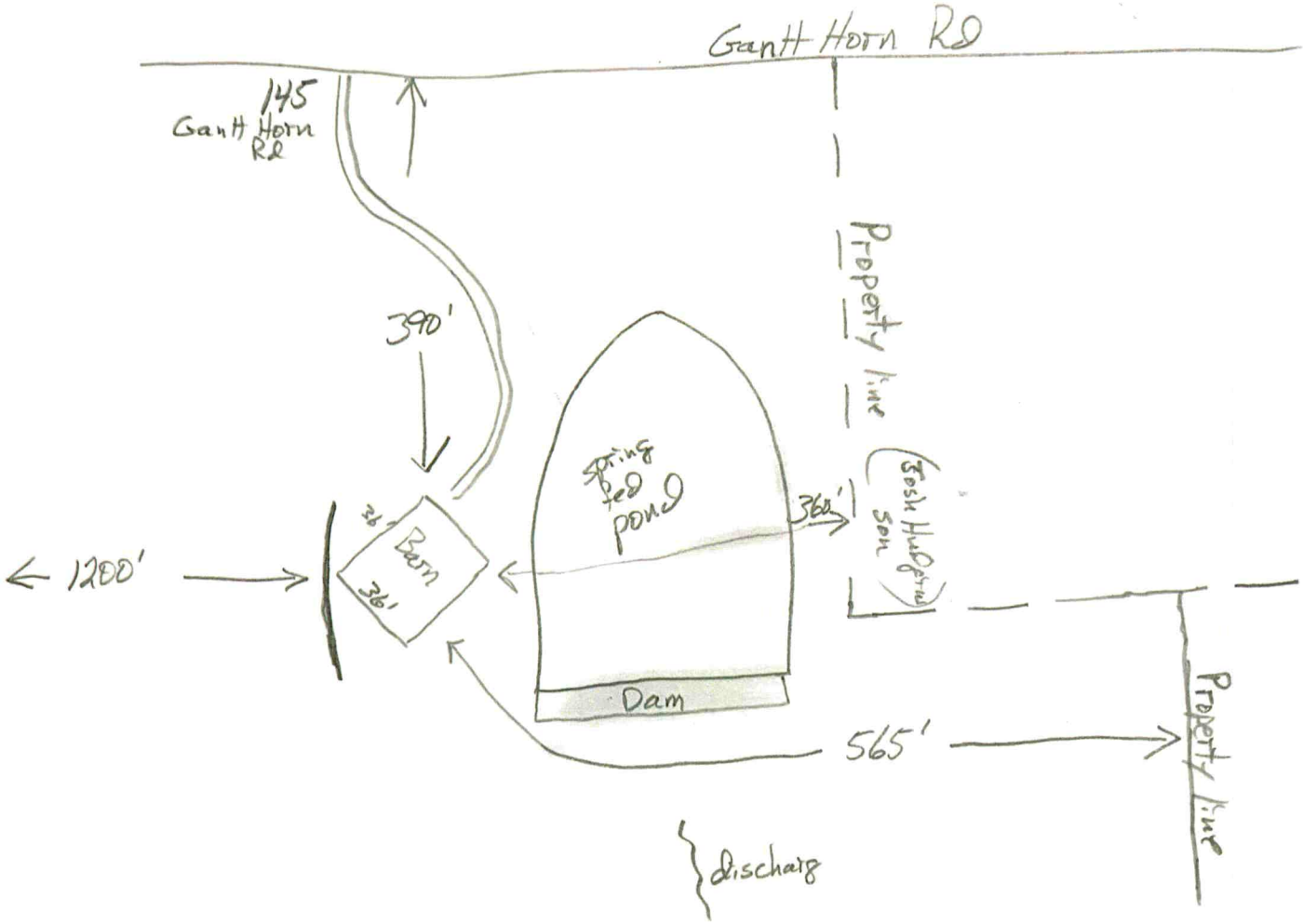
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

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).




Gantt Horn Rd
145
Gantt Horn Rd
390'
Property line
Spring fed pond
360'
Josh Hudgens
1200'
Barn
24'
36'
Dam
565'
Property line
discharge



Tax Map Information

• PIN	4788667181.000
• Address	OLD MOCKSVILLE RD
• Account #	Acct 80049439
• Tax Owner	HICKORY HILL FARM OF STATESVILLE INC
• Mailing Address	443 VAUGHN MILL RD
•	STATESVILLE, NC 28625
• GIS Owner	HICKORY HILL FARM OF STATESVILLE INC
• Deed Info	3019 / 466 - WD - 20230929
• Tax Acres	10 AC
• Lot #	
• Description	EVANS SR2158 OFF
• Zoning	RA
• Old Parcel #	0712D00000A037
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$59,250
• Total Value	$59,250
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

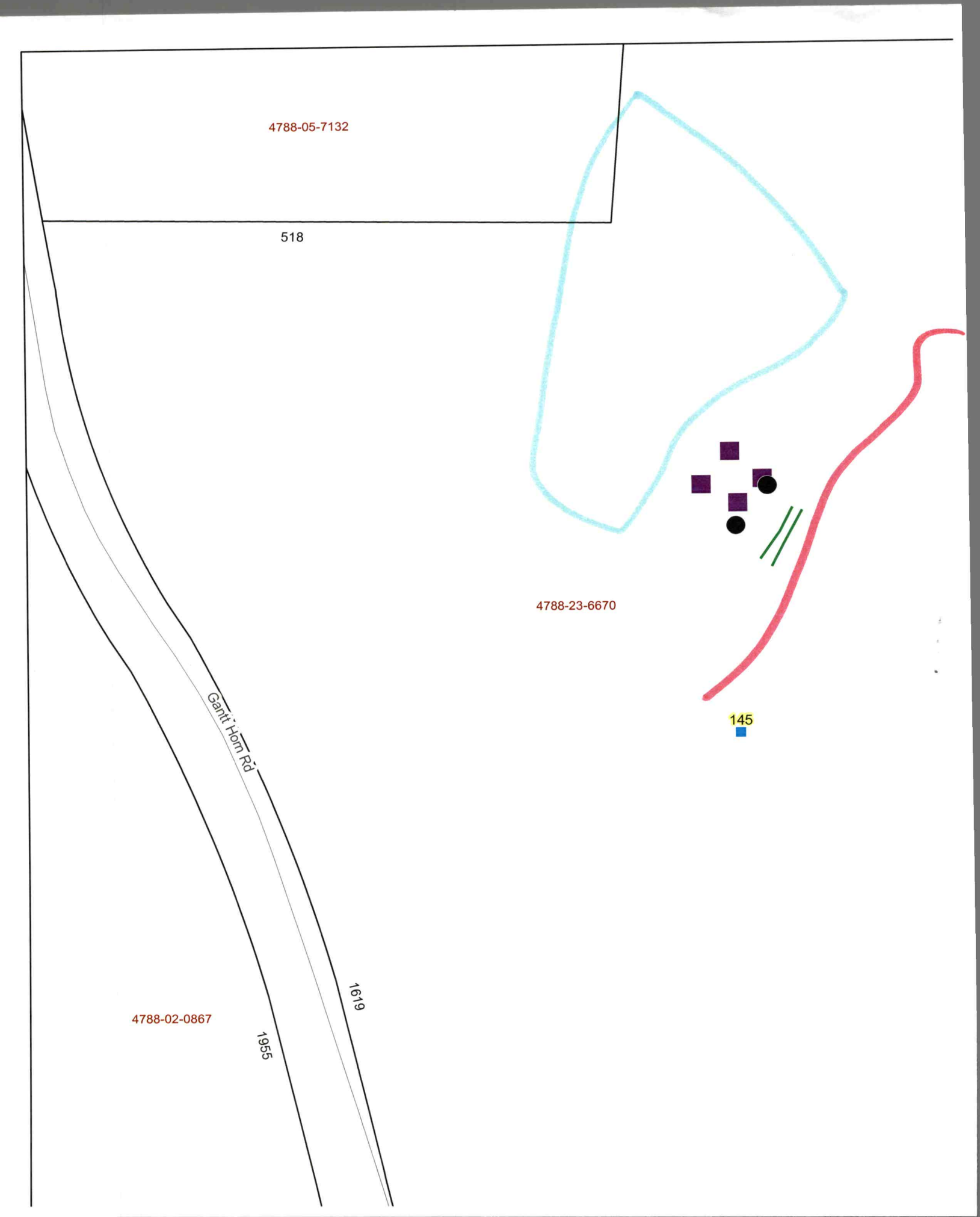
IREDELL COUNTY NC

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 11/15/2023
Data updated 11/14/2023

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


4788-05-7132
518
4788-23-6670
145
Gantt Hom Rd
1619
1955
4788-02-0867