ICHD - ENVIRONMENTAL HEALTH DIVISION

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

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

PERMIT : OSWP 2024-48671

PIN # 4852-84-9367

APPLICANT/OWNER: Casey Vanhoy | APPLICANT ADDRESS: 738 Jericho Rd Harmony, NC 28634

SITE ADDRESS: 742 Jericho Rd Harmony, NC 28634 | PHONE: | ALT. PHONE

SITE DIRECTIONS: Hwy 77 to 901 to Jericho | SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Casey Vanhoy | SECTION: | LOT #: | LOT AREA: | DESIGN FLOW: 720 | L.T.A.R.(Initial): .30 | L.T.A.R (Repair): .36

Septic Tank 1500 (gal) | STB 189 | Date 1-31-2025 | [X] New System [ ] Repair [ ] Expansion | System Type: I (II) III IV V VI

Pump Tank 1500 (gal) | PT 207 | Date 1-25-2025 | System Description: PM-Conventional Gravel

Pump Make CHAMPION | Model CPE4-12 | Serial # | Repair System Description: LP-PPBPS-50% Reduction

Nitrification Fields 1 | # Lines 3 | Linear Ft 674 | Maintenance Agreement Required: [ ] YES [X] NO

Trench Width 36 | *Max. Trench Depth(Initial) 30in | *Max. Trench Depth(Repair) 30 | Gravel Depth 12 | [ ] GRAVITY [X] PRESSURE

* 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): 50+ | Usable Depth to LC (Repair): 50+ Limiting Condition

[ ] Residence | No. Bedrooms 6 | Water Supply: [ ] Private

[X] Business | No. Persons 12 | [X] Public

[X] Other | No. Employees | [ ] Community

[ ] Slab | [ ] Crawl Space

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

Comments / Conditions: Install on the Contour of the land - Do not Drive, park, pave or cover any utilities in Drainfield Area.

* 120 gallons per Camper Hookup * Easement Must be Stacked During Installation
* Service for hookups 7-12 Bk 3106 Pg 1289.

INITIAL SITE SKETCH

See attached site plan
by ICHD dated 1/8/2025

(3) 3/4 sch 40 taps @ 12.5gpm.

Flow Rate = 37.5gpm
System Dose: 283 gallons

Pump Run = 7.5 mins
Drawdown: 10.5 inches

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.

SW 3/26/25
LINES
BCW 3-27-2025
- TANKS
- SUPPLY LINE
SW 4/4/2025
- MANIFOLD
- FLOATS
- PH
- ALARM
- ELECTRICAL

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.*

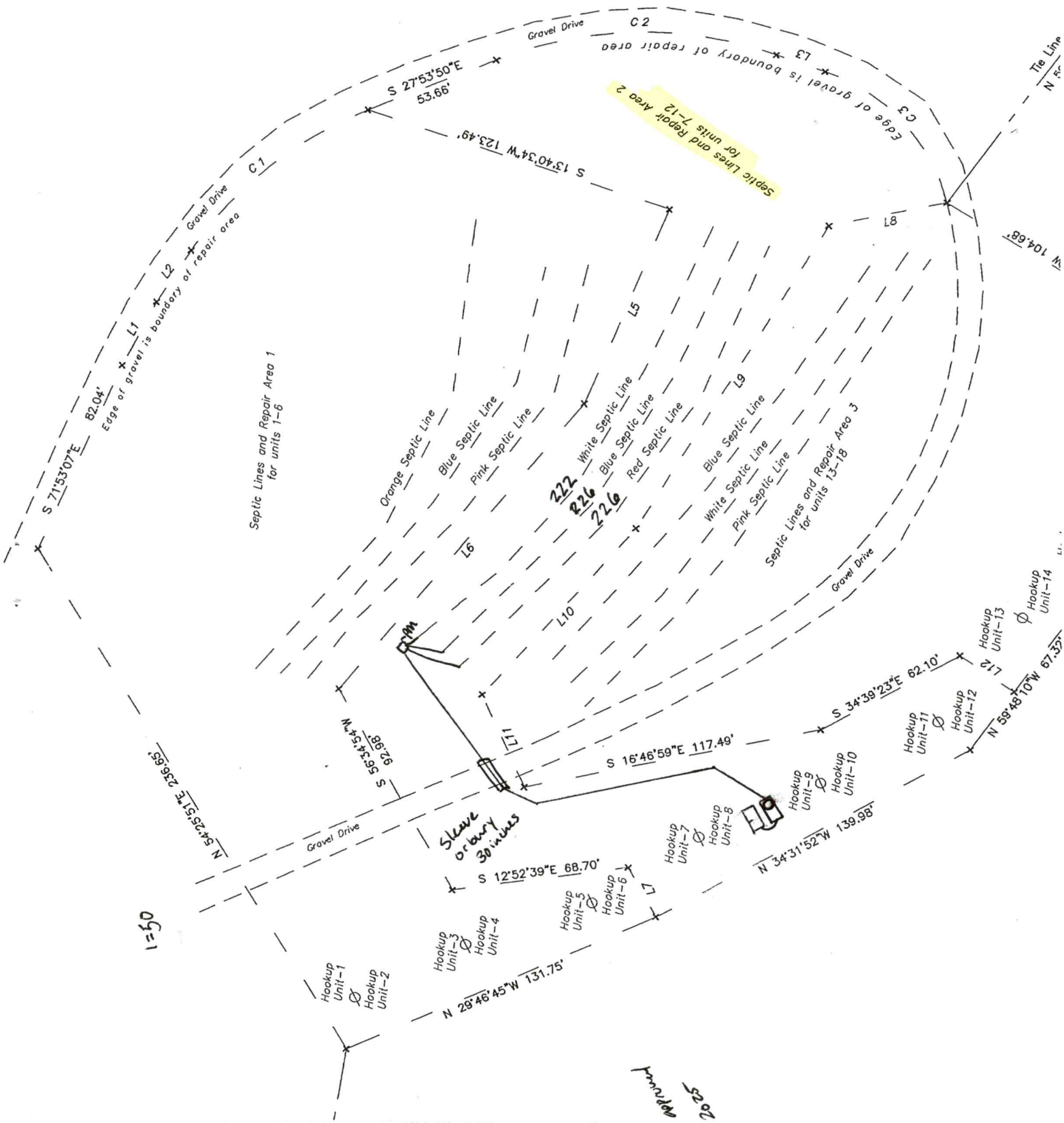
Owner / Applicant Signature: | Date: | Installed by: Ryan Byers

IMPROVEMENT PERMIT by: Benjamin Bell | Date: 1/13/2025 | OPERATION PERMIT by: Sarah Williams | Date: 4/4/2025

AUTHORIZATION TO CONSTRUCT by: Benjamin Bell | Date: 1/13/2025 | 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? _____	


Gravel Drive
C2
Edge of gravel is boundary of repair area
L3
C3
S 27°53'50"E
53.66'
Septic Lines and Repair Area 2
for units 7-12
Tie Line
N 104.68'
S 13°40'34"W 123.49'
C1
L1
L2
Gravel Drive
Edge of gravel is boundary of repair area
L8
S 71°53'07"E 82.04'
Septic Lines and Repair Area 1
for units 1-6
L5
Orange Septic Line
Blue Septic Line
Pink Septic Line
White Septic Line
Blue Septic Line
Red Septic Line
L9
Blue Septic Line
White Septic Line
Pink Septic Line
Septic Lines and Repair Area 3
for units 13-18
222
826
226
L6
L10
Gravel Drive
Hookup Unit-14
Hookup Unit-13
Hookup Unit-12
Hookup Unit-11
Hookup Unit-10
Hookup Unit-9
Hookup Unit-8
Hookup Unit-7
Hookup Unit-6
Hookup Unit-5
Hookup Unit-4
Hookup Unit-3
Hookup Unit-2
Hookup Unit-1
L11
L12
L7
S 34°39'23"E 62.10'
N 59°48'10"W 67.39'
S 16°46'59"E 117.49'
S 56°43'43"W 92.98'
N 54°05'51"E 236.65'
Gravel Drive
Sleeve ordered 30 inches
S 12°52'39"E 68.70'
N 34°31'52"W 139.98'
N 29°46'45"W 131.75'
1=50
Issued Approved
1/9/2025

PERMIT SNAPSHOT REPORT OSWP-2024-48671 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	03/07/2024
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:**	Botkins, Ben	**Approval Expire Date:**	
Description:	NEEDS FEES PD. No zoning required. Septic Tanks 4 total for existing campsites.				

Parcel: 4852849367.000 Main	**Address:** 742 Jericho Rd Main Harmony, NC 28634	**Zone:** HB(Highway Business District) RA(Residential Agricultural District)

Applicant/Authorized Agent	Property Owner
Casey Vanhoy	CASEY W VANHOY
742 Jericho Rd	742 JERICHO 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	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	65' x 50'
What are the proposed structures	Other Addition/Structure	Maximum Number of Bedrooms	24	If other Addition/Structure, please explain	
Number of Occupants	24	Foundation Type	Concrete Slab Foundation	Water Supply	Other Public Water
Desired Septic System Type	Conventional (most common)	Zoning Permit Issued Date	Mar 7 2024 12:00AM	Zoning Permit Expiration Date	Sep 3 2024 12:00AM
Zoning Notes/Addendums	No Zoning required. Existing campsites are legal non-conforming use.	Additional Unique Setbacks Apply	No		

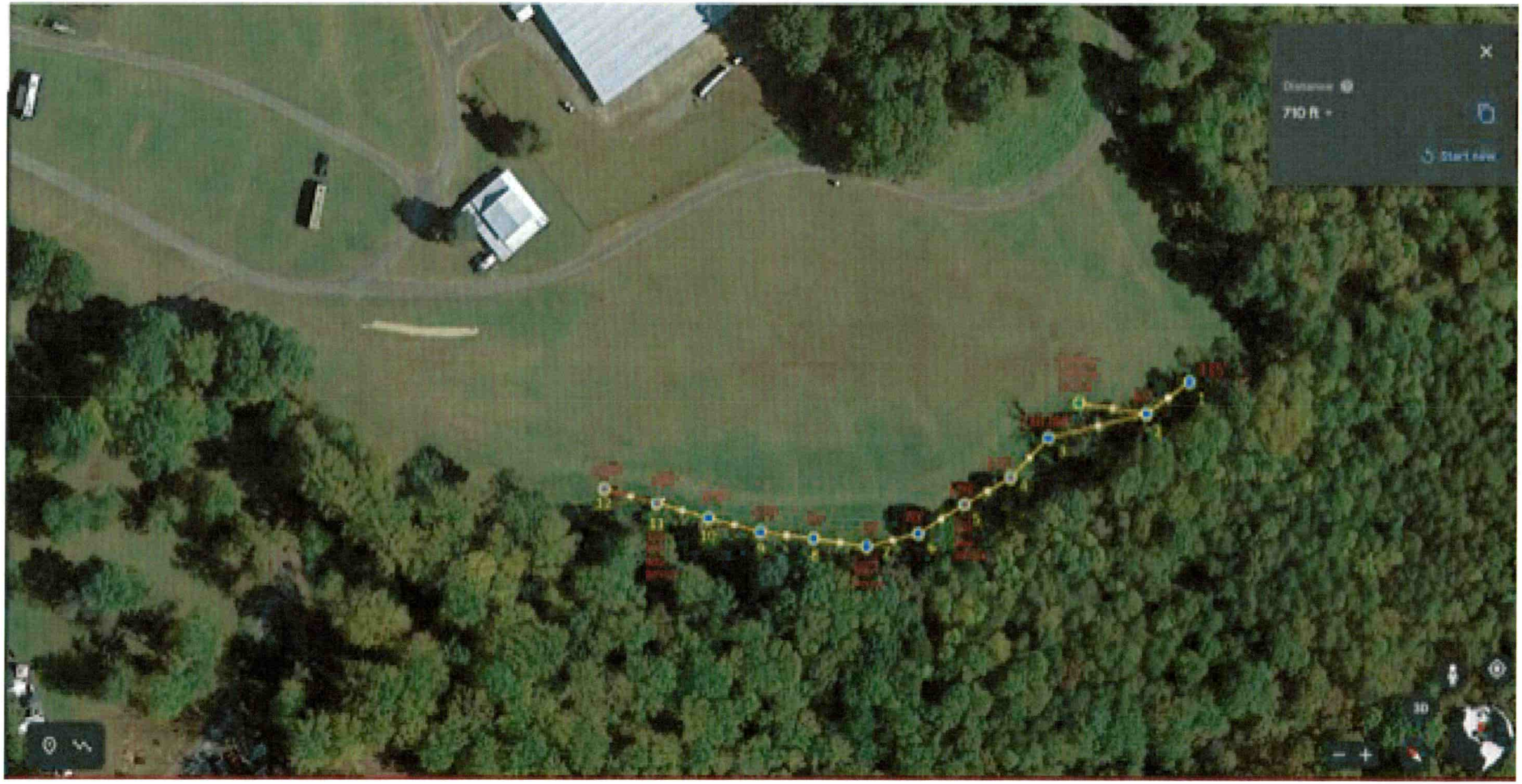
Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Casey_Vanhoy_3/7/2024.jpg	03/07/2024 10:04	Vanhoy, Casey		Uploaded via CSS
742 Jericho Rd AA Form.pdf	03/07/2024 12:04	Nebel, Barbara	Available Online	AA FORM

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00027915	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00027915	$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		03/07/2024 12:03	03/07/2024 12:04
Confirm application complete v.1	Generic Action		03/07/2024 12:04
Fees v.1		03/07/2024 14:54	03/11/2024 11:11
Issue Invoice v.1	Generic Action		03/07/2024 14:54
Fees Paid v.1	Generic Action		03/11/2024 11:11
~~**Zoning Review v.1**~~			03/07/2024 14:31
~~Floodplain Admin Overview v.1~~	Task		03/07/2024 14:31
~~Issue Invoice v.1~~	Generic Action		03/07/2024 14:31
~~Fees Paid v.1~~	Generic Action		03/07/2024 14:31
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
OSWP Site Evaluation v.1	Inspection		

PERMIT SNAPSHOT REPORT (OSWP-2024-48671)

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


Distance
710 ft
Start over
3D

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

PROPERTY ID #: 4852849367
COUNTY: Iredell

Composite 1-6

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

(Complete all fields in full)

OWNER: Vathoy DATE EVALUATED:
ADDRESS: 742 Jurden Hoom NC
PROPOSED FACILITY: Campground PROPOSED DESIGN FLOW (.0400): 18 Campsites PROPERTY SIZE:
LOCATION OF SITE: 742 Jurden 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	Ridge 3-5%	6-40	C SBK	SSSp FR SEAP	PS	60	—	NA	PS .30 Deep Bottom	3 inches
		40-60	CC WSBK	SSSp FR C						
2	Ridge 3-5%	0-5	Compaction	—	PS.	60	Limb & 24 Inch	NA	PS .30.	3in
		5-29	C SBK	SS Sp FR						
		29-60	CC WSBK	SS Sp FR						
3	Ridge 3-5%	0-18	CL WSBK	SS Sp FR	PS	40+	Limb	NA	PS .30.	3in
		18-68	L SAP	NS Mp VFR						
4	Ridge 3-5%	0-38	CL WSB	SS Sp FR	PS	40+	Limb	NA	PS .30	3in.
		38-69	L SAP-M	NS Mp FR						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	670	335
System Type(s)	II - Conventional	IV LPP UPPER
Site LTAR	.30	LPP .30
Maximum Trench Depth	30	30

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

Comments:
* 3.

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

PROPERTY ID #: 4852849367.
COUNTY: Iredell

Campsite 7-12.

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

(Complete all fields in full)

OWNER: " " DATE EVALUATED:
ADDRESS:
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.0400): PROPERTY SIZE:
LOCATION OF SITE: PROPERTY RECORDED:
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
5	Ridge	0-20	CL SBK.	SSSP FR	PS	40+	PS	—	PS .30 X	3.4
		20-68	LSAP M	VFR NSNP.						
6	Ridge	0-18	CL SBK	SSSP FR	PS	40+	PS	—	PS .30 X	3.4
		18-69	LSAPM	VFR NSNP.						
7	Ridge	0-27	CL SBK.	SSSP FR	PS	40+	PS	—	PS .30 X	3.4
		27-69	LSAP M	VFR NSNP.						
8	Ridge	0-24	CL SBK	SSSP FR	PS.	40+	PS	—	PS .30 X	3.4
		24-68	LSAPM	VFR NSNP.						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		
System Type(s)		
Site LTAR		
Maximum Trench Depth		

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

Comments: See first Soil sheet

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

PROPERTY ID #: 4652849367
COUNTY: Iredell

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

(Complete all fields in full)

OWNER: _____ DATE EVALUATED: _____
ADDRESS: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.0400): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
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
9	Ridge 3-5%	0-30	CL SBK	SPSP FR	PS	L/Gt	PJ	NA	PS .30	3in.
		30-69	LSA gM	VFR NS NP						
10	Ridge 3-5%	0-22	SL SBK	SSSP FR SBK	PS	G/Gt	10YR6/6 @ 35-40 in		PS .275	3in.
		22-35	C SBK	SSP FR						
		35-64	CL WSBK	SSP FR						
11	Ridge 3-5%	0-24	C SBK	SSSP FR FP	PS	L/Gt	PJ	NA	PS .30+	3in
		24-68	LSA gM	VFR SS NP						
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		
System Type(s)		
Site LTAR		
Maximum Trench Depth		

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

Comments: See front Soil Sheet.