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 2024-486668

PIN # 4852-84-9367

APPLICANT/OWNER: Casey Vanhoy. APPLICANT ADDRESS:

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): .30

Septic Tank 1500 (gal) STB 189 Date

Pump Tank 1500 (gal) PT 201 Date

Pump Make CHAMPION Model CPE4-12 Serial #

Nitrification Fields 1 # Lines 3 Linear Ft 674

Trench Width 36 *Max. Trench Depth(Initial) 30 in *Max. Trench Depth(Repair) 30 in Gravel Depth 12 in

* Measured on the downhill side of the trench

[x] New System [ ] Repair [ ] Expansion System Type: I II III IV V VI

System Description: PM- Conventional Gravel

Repair System Description: LP- PBBS - 507. Infiltr

Maintenance Agreement Required: [ ] YES [x] NO

[ ] GRAVITY [x] PRESSURE

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

[ ] Business No. Persons 12

[x] Other No. Employees

[ ] Slab [ ] Crawl Space

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

Water Supply: [ ] Private [x] Public [ ] Community

Comments / Conditions: Install on the Contour of the land. Do not Drive, park, pave grade or bury Utilities in Drainfield Area.

* Easement Area Must be Staked during installation * BK 3106 PG 1289

* 120 gallons for Camper hookups *

* Service Lines hookups 13-18

INITIAL SITE SKETCH

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

(3) 3/4 Sch 40 taps @ 12.5 gpm

Flow Rate = 37.5 gpm

System Dose = 283 gallons

Jump Run = 7.5 min

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 + SUPPLY
- TANKS

BCW 3-27-2025 ✓ * 6" To be graded from tops of tanks to meet 3' *

BCW 3-27-2025 ✓ * Needs Kid Catchers *

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.*

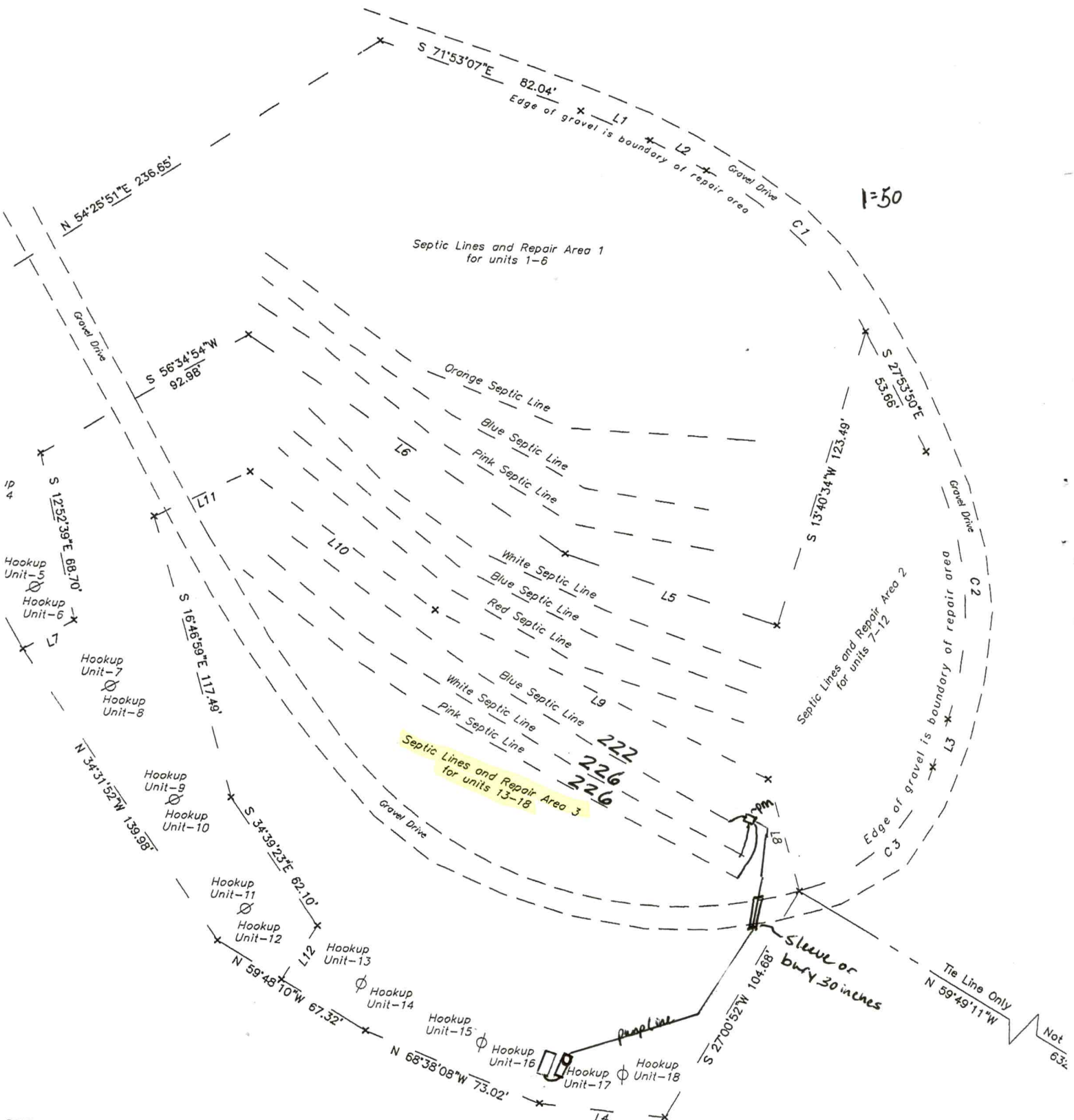
Owner / Applicant Signature: Date: Installed by: Ryan Byers

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? _____	



Length	Chord	Chord Bear.
91.06'	89.67'	S 45°17'18" E
111.17'	108.64'	S 06°39'54" E
74.64'	71.60'	S 43°04'38" W

1¼" Existing Iron
Vanhoy Farms F
Tract-3 D
PIN: 49

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: Vallhoy DATE EVALUATED:
ADDRESS: 742 Jurdan Hearn, NC
PROPOSED FACILITY: Campground PROPOSED DESIGN FLOW (.0400): ~~18 Campsites~~ PROPERTY SIZE:
LOCATION OF SITE: 742 Jordan 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%	0-40	C SBK	SSSP FR SEAP	PS	60	—	NA	PS .30 Seep Bottom	3 inch
		40-60	CL WSBK	SS SP FR C						
2	Ridge 3-5%	0-5	Compaction	—	PS.	60	Lim & 24 Inch	NA	PS .30.	3in
		5-29	C SBK	SS SP FR						
		29-60	CL WSBK	SS SP FR						
3	Ridge 3-5%	0-18	CL WSBK	SS SP FR	PS	40+	Lim	NA	PS .30.	3in
		18-68	L SAP	NS MP VFR						
4	Ridge 3-5%	0-38	CL WSBK	SS SP FR	PS	40+	Lim	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)	In-Ground	~~IV~~ LPP UPPER
Site LTAR	.30	~~.20~~ .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 #: 485284956?
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 +	3.4
		20-68	LSAP M	VFR NSNP.						
6	Ridge	0-18	CL SBK	SSSP FR	PS	±40+	PS	—	PS .30 +	3.4
		18-69	LSAP M	VFR NSNP.						
7	Ridge	0-27	CL SBK.	SSSP FR	PS	40+	PS	—	PS .30 +	3.4
		27-69	LSAP M	VFR NSNP.						
8	Ridge	0-24	CL SBK.	SSSP FR	PS.	40+	PS	—	PS .30 +	3.4
		24-68	LSAP M	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	SPSO FR	PS	2/0+	PJ	NA	PS .30	3in.
		30-69	LSAPM	VFR NS NP						
10	Ridge 3-5%	0-22	SL SBK	SSSP FR SBK	PS	6+	10YR6/6 & 35-40 in	6/6	PS .275	3in.
		22-35	C SBK	SSP FR						
		35-64	CL MSBK	SSP FR						
11	Ridge 3-5%	0-24	C SBK	SSSP FR EP	PS	2/0+	PJ	NA	PS .30+	3in
		24-68	LSAPM	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

PERMIT SNAPSHOT REPORT OSWP-2024-48668 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) to existing campsites.				

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

Property Owner	Applicant/Authorized Agent
Casey Vanhoy 742 Jericho Rd Harmony, NC 28634	Casey Vanhoy 742 Jericho Rd 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	Campsites are 65' x 50'
What are the proposed structures	Other Addition/Structure	Maximum Number of Bedrooms	24	If other Addition/Structure, please explain	Campsites
Number of Occupants	24	Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Commercial
Number of Employees	3	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 legal non-conforming use.
Additional Unique Setbacks Apply	No				

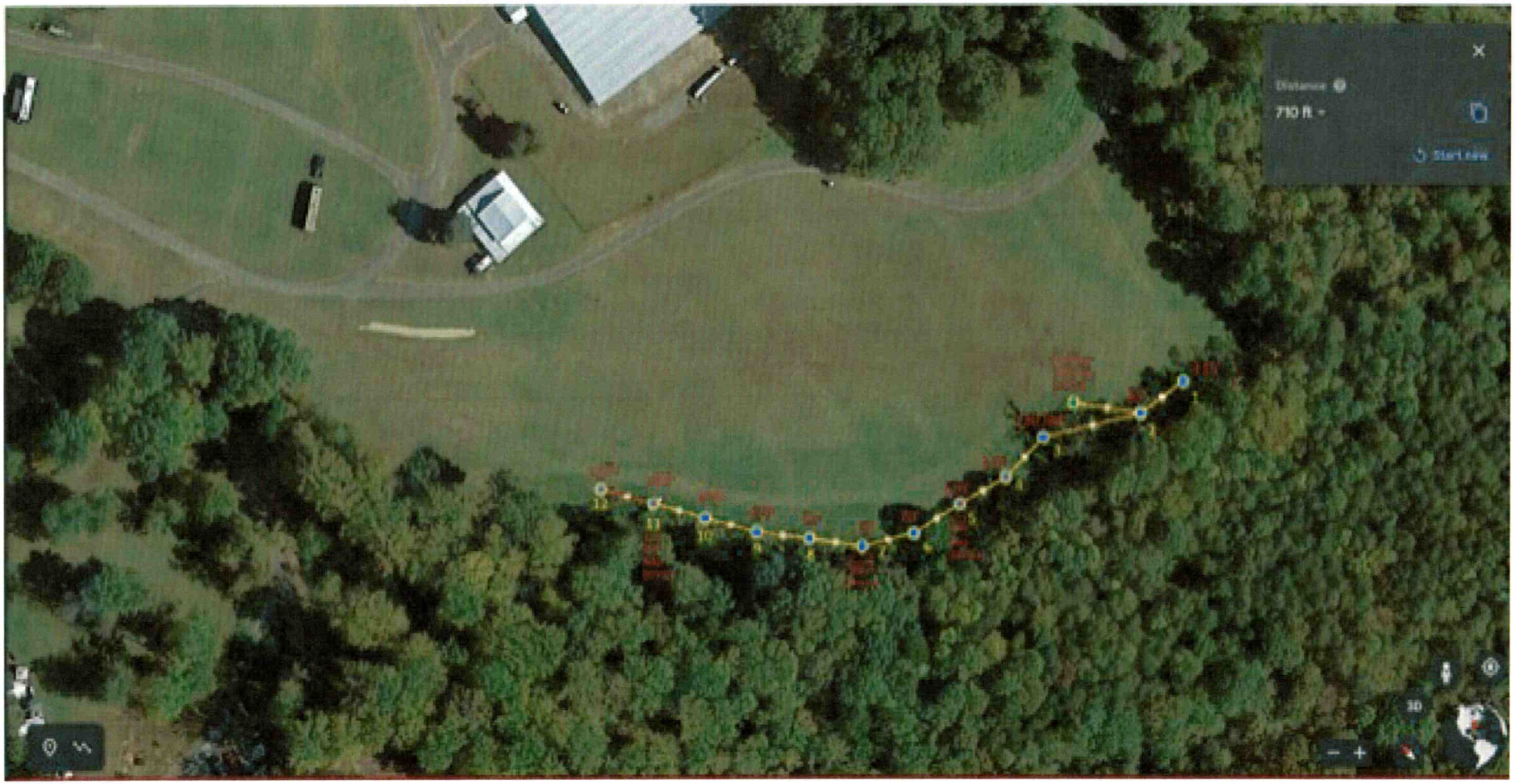
Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Casey_Vanhoy_3/7/2024.jpg	03/07/2024 9:50	Vanhoy, Casey		Uploaded via CSS
742 Jericho Rd AA Form.pdf	03/07/2024 11:27	Nebel, Barbara	Available Online	AA form

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00027917	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00027917	$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 11:52	03/07/2024 11:59
Confirm application complete v.1	Generic Action		03/07/2024 11:59
Fees v.1		03/07/2024 14:54	03/11/2024 11:09
Issue Invoice v.1	Generic Action		03/07/2024 14:54

PERMIT SNAPSHOT REPORT (OSWP-2024-48668)

Fees Paid v.1	Generic Action	03/11/2024 11:09
~~**Zoning Review v.1**~~		03/07/2024 14:25
~~Floodplain Admin Overview v.1~~	Task	03/07/2024 14:25
~~Issue Invoice v.1~~	Generic Action	03/07/2024 14:25
~~Fees Paid v.1~~	Generic Action	03/07/2024 14:25
Lot Readiness Verification v.1		
OSWP Septic Preliminary Site Visit v.1	Inspection	
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	


Distance
710 ft
Start new
3D


4852840278.000
390
313
4852839875.000
386
4852849367.000
1782
4852821937.000


4852840278.000
390
313
4852839875.000
386
4852849367.000
1782
4852821937.000