MW MANF 2024-48316

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-14274

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

PIN # 4779 -- 08 -- 6091

APPLICANT/OWNER: Robert Sangiuly APPLICANT ADDRESS: 9132 Fawn Hill Ct, Raleigh

SITE ADDRESS: 141 Bel Aire Dr, Harmony 28634 PHONE: 413-348-7347 ALT. PHONE -

SITE DIRECTIONS: 21 N - Bel Aire SAP CONTROLLED: ☐ YES ☒ NO

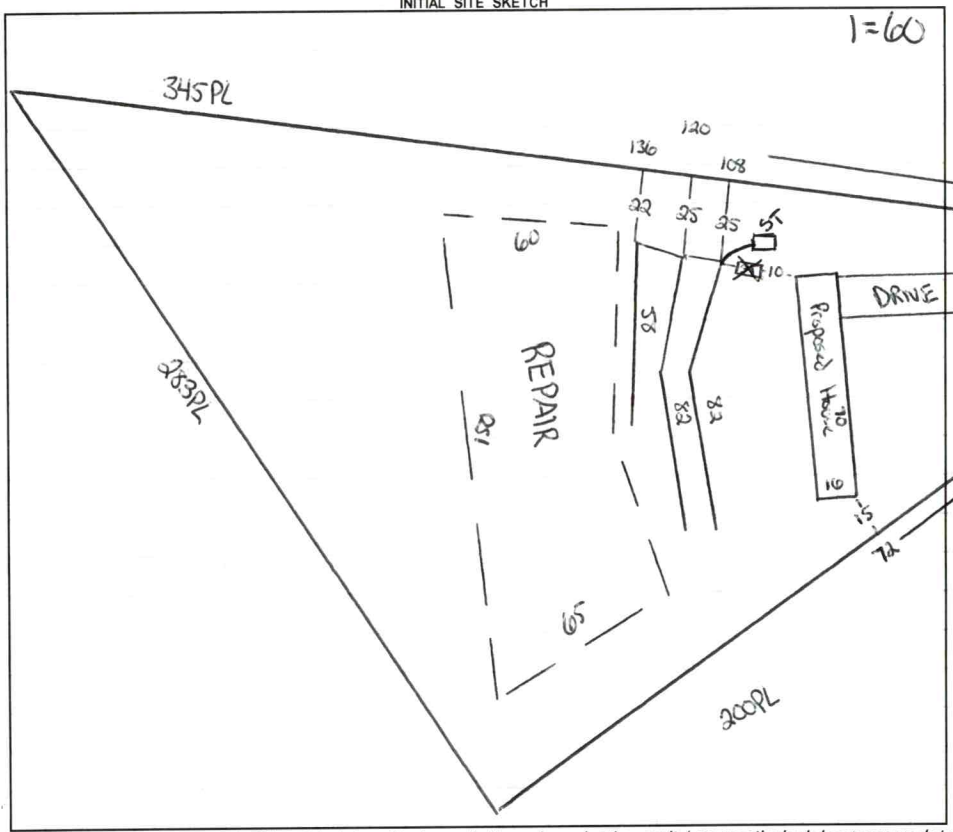
SUBDIVISION: Harmony Meadows MHP SECTION: 2 LOT # 13 LOT AREA: 0.920 acres DESIGN FLOW: 240 gpd L.T.A.R.: 0.275

Septic Tank	1000	(gal)	STB		Date		☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	25% reduction			
Pump Make		Model			Serial #		Repair System Description:	25% reduction			
# Nitrification Fields	1	# Lines	3		Linear Ft	219'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36in	Trench Bottom Depth ~~(Low side)~~	36" max		Gravel Depth	-		☒ GRAVITY	☐ PRESSURE		

☒ Residence	No. Bedrooms	2	Water Supply
☐ Business	No. Persons	4	☐ Private
☐ Other	No. Employees		☒ Public
☐ Slab	☒ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area. Utilize serial distribution.

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 drawn. House moved back, system meets all setbacks. Tank location on sketch

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 Signature Date:

IMPROVEMENT PERMIT by: Cory Hill Date: 4/12/23

AUTHORIZATION TO CONSTRUCT by: Cory Hill Date: 4/12/23

Installed by: Steve Jordan

OPERATION PERMIT by: Sarah Williams Date: 4/24/24

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:		

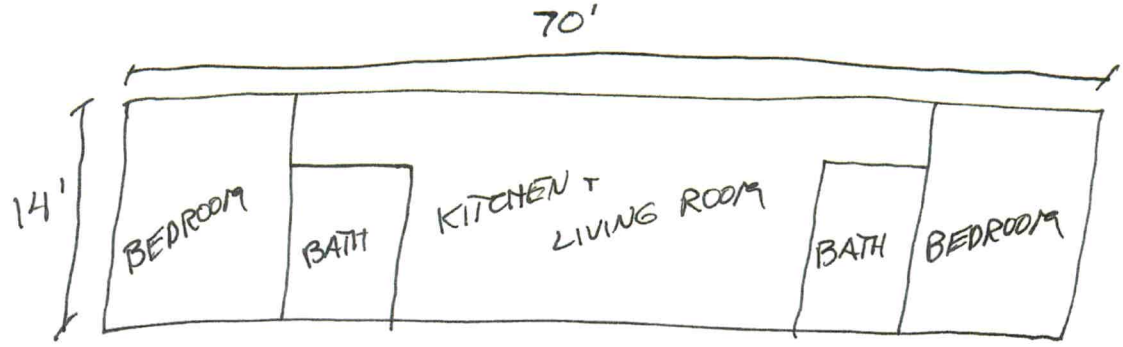
Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

TO: MATTHEW WILKINSON 4/10/23

FR: ROBERT SANGUILY

RE: HOME SIZE AND CONFIGURATION FOR
PERMIT # OSWP-2023-14274
LOT 13/141 BEL AIRE DRIVE, HARMONY, NC
PIN: 4779086091.000

2 BEDROOMS AND 2 BATHROOMS



Sheet 1 of 1
PROPERTY ID #: 4772086091
COUNTY: Iredell

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

OWNER: Robert Sanguily — APPLICATION DATE: 1/20/23
ADDRESS: 9132 Fawn Hill Ct — DATE EVALUATED: 3/30/23
PROPOSED FACILITY: 2 bdr home — PROPOSED DESIGN FLOW (.1949): 240 gpd — PROPERTY SIZE: 0.920
LOCATION OF SITE: 141 Bel Aire Dr — PROPERTY RECORDED: yes
WATER SUPPLY: Private (Public) Well Spring Other
EVALUATION METHOD: Auger Boring (Pit) Cut — 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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 8%	0-8	SCL 1Gr	nsnp fr SE	-	48	-	-	PS .3
		8-32	C 1ABK	ss sp fr SE					
		32-48	CL 1SBK	ss sp fr SE					
2	LS 7%	0-14	SCL 1Gr	nsnp fr SE	YB in C	48	-	-	PS .275
		14-33	C 1SBK	ss sp fr SE					
		33-48	CL 1SBK	ss sp fr SE					
3	LS 8%	0-11	SCL 1SBK	ns np fr SE	YB in C	46	-	-	PS .275
		11-48	C 1ABK	ss sp fr SE					
4	LS 8%	0-8	SCL 1SBK		-	38	-	-	PS .3 shallow
		8-25	C 1SBK						
		25-38	CL 1SBK						
		38+	Rock Controlled						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.275	.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Matthew Wilkinson

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.

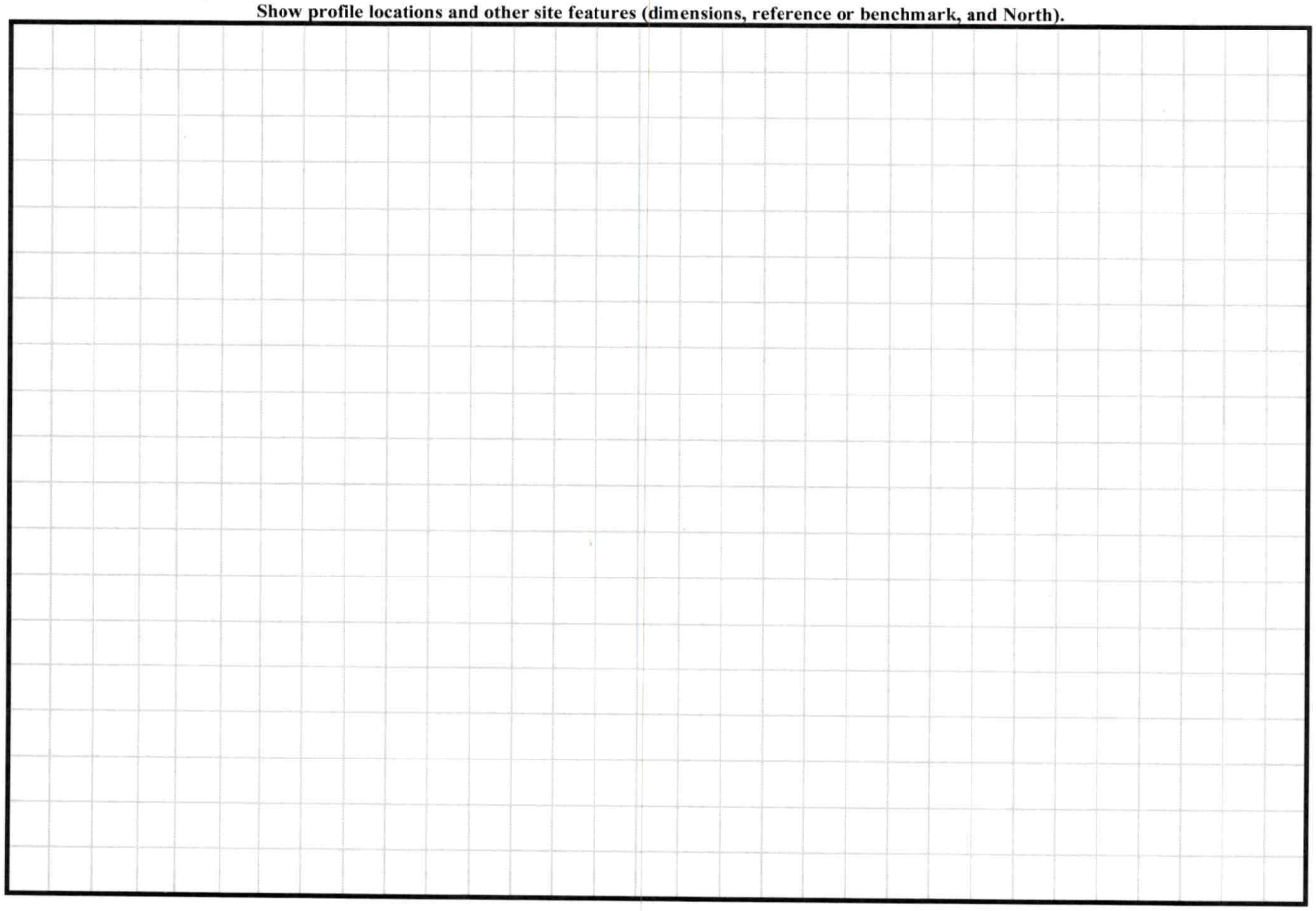
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-14274 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	01/20/2023
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:**	Whicker, Cory	**Approval Expire Date:**	

Description: I am submitting 4 separate septic permit applications at this time. It would be greatly appreciated if we can*** PLEASE COMBINE THE SITE VISITS, perc tests and inspections for all four lots could all be done together since the lots are all next to each other. Those are 137, 141, 145 and 149 Bel Aire Drive in Harmony, NC

Parcel: 4779086091.000 Main	**Address:** 141 Bel Aire Dr Harmony, NC 28634 Main	**Zone:** RA(Residential Agricultural District)

Property Owner Robert Sanguily Home: (919) 251-8494 Mobile: (413) 348-7347	Applicant/Authorized Agent TAMMY BARNHARDT Home: (980) 379-0168 Mobile: (704) 437-9035	Applicant/Authorized Agent Robert A Sanguily 9132 Fawn Hill Ct Raleigh, NC 27617

Permit Custom Fields

All proposed structure dimensions	Single Wide Mobile Home, 14' x 66'	Maximum Number of Bedrooms	2	If other Addition/Structure, please explain	
Number of Occupants	4	If other septic system type, please explain		Lot Acreage	0.926
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Notes/Addendums	REQUIREMENTS FOR ALL SINGLEWIDE MOBILE HOMES Must meet requirement R10 of the LDC. Must remove the towing apparatus, if it cannot be removed, it shall be screened; Must have a continuous underpinning; Must have 36 square foot front porch constructed within 12 inches of the floor elevation; Must have approved steps at all other secondary entrances and exits; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original home must be removed before Certificate of Occupancy can be approved.	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Robert_Sanguily_1/20/2023.jpg	01/20/2023 12:35	Sanguily, Robert		Uploaded via CSS
CMWC Rental Properties 141 Bel Aire Dr_v1.pdf	01/23/2023 8:34	Nebel, Barbara	Available Online	Authorize to Act as Agent
CMWC Rental Properties Site Plan 141 Bel Aire Dr_v1.pdf	01/23/2023 8:34	Nebel, Barbara	Available Online	Site Plan
CMWC Rental Propeties, 141 Bel Aire Dr - Site Plan_v2.pdf	03/07/2023 16:10	Kendrick, Brandi	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-71033	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	03/14/2023			03/14/2023 7:22	03/14/2023 7:22