ICHD - ENVIRONMENTAL HEALTH DIVISION

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

Manf-2025-67774

PERMIT : OSWP 2025-609648

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

PIN # 4773 - 15 - 8794

APPLICANT/OWNER: JOSEPH LINZY MH PARK LLC | APPLICANT ADDRESS: 111 SUMMER BREEZE CT STATESVILLE NC 28677

SITE ADDRESS: 129 EDWINA LN STATESVILLE NC 28677 | PHONE: 7046821049 | ALT. PHONE —

SITE DIRECTIONS: HWY 70 → (L) EDWINA LN | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: LARRY S THOMPSON JR ET. AL | SECTION: — | LOT # TR2 | LOT AREA: 10.95 | DESIGN FLOW: 360 | L.T.A.R.(Initial): 0.3 | L.T.A.R (Repair): 0.25

Septic Tank 1000 (gal) STB 760 Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines EXT + 1 Linear Ft EXT + 102'

Trench Width 36" *Max. Trench Depth(Initial) 32" *Max. Trench Depth(Repair) 26" Gravel Depth —

* Measured on the downhill side of the trench

☐ New System ☐ Repair ☒ Expansion System Type: I (II) III IV V VI

System Description: EXT + 25% REDUCTION

Repair System Description: 25% REDUCTION

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

Effluent Standard: ☒ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): 48"

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees —

☐ Slab ☒ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Usable Depth to LC (Repair): 40" *Limiting Condition*

Water Supply

☐ Private

☐ Public

☒ Community

Comments / Conditions: INSTALL ON CONTOUR. SEE ATTACHED DIAGRAM FOR DISTRIBUTION FEEDING 2/3 EFFLUENT TO EXT SYSTEM & 1/3 TO NEW 102' LINE. SEE 70' & 50' LINE REMOVED FROM PREVIOUS PERMIT

PUMP, CRUSH, & FILL EXISTING TANK. KEEP 5' FROM ALL PARTS OF STRUCTURE. KEEP DRIVEWAY OFF OF ALL PARTS OF SEPTIC SYSTEM

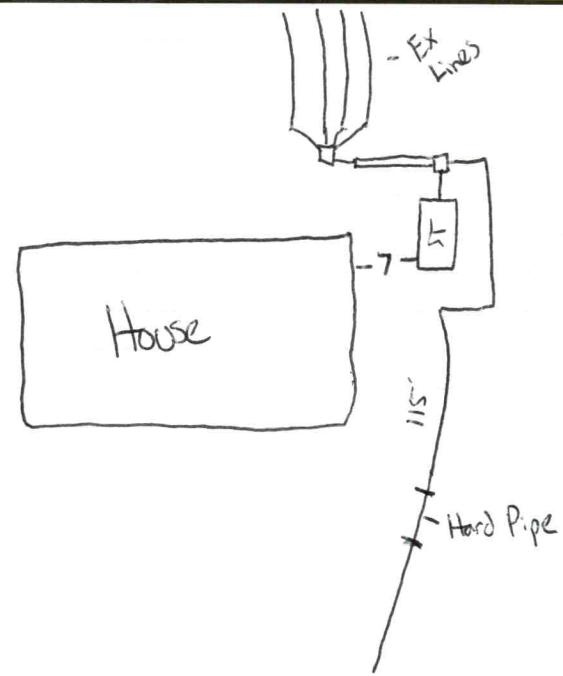
INITIAL SITE SKETCH

SEE ATTACHED SITE PLAN BY ICHD.

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.



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: CAC PLUMBING # 9597

IMPROVEMENT PERMIT by: Sarah Williams Date: 2/25/2025

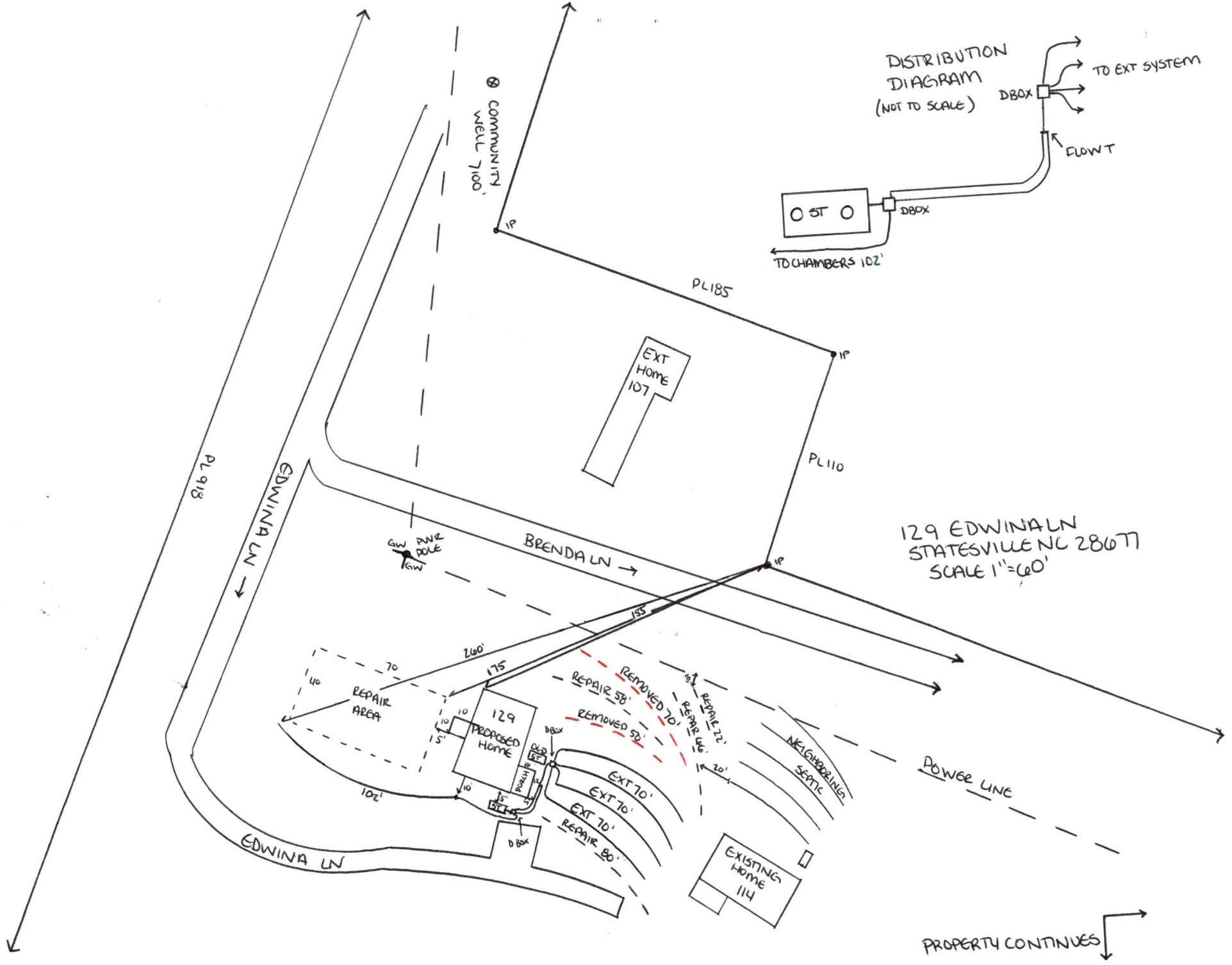
OPERATION PERMIT by: Cory LL Date: 3/25/25

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 2/25/2025

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? _____	


DISTRIBUTION DIAGRAM
(NOT TO SCALE)
DBOX
TO EXT SYSTEM
FLOW T
ST
DBOX
TO CHAMBERS 102'
COMMUNITY WELL 700'
IP
PL185
EXT HOME 107
PL110
PL918
EDWINA LN
BRENDA LN
GW
ANC POLE
GW
129 EDWINA LN
STATESVILLE NC 28677
SCALE 1"=60'
155
260'
175
70
40
REPAIR AREA
10
10
5
5
129 PROPOSED HOME
DBOX
OLD
5
PORCH
10
5
5
10'
102'
5
5
DBOX
REMOVED 70'
REPAIR 58'
REMOVED 50'
REPAIR 22'
REPAIR 46'
20'
EXT 70'
EXT 70'
EXT 70'
REPAIR 80'
NEIGHBORING SEPTIC
POWER LINE
EXISTING HOME 114
EDWINA LN
PROPERTY CONTINUES

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

PROPERTY ID #: 4773-15-8794
COUNTY: IREDELL

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

(Complete all fields in full)

OWNER: Joseph Linzy MH Park LLC DATE EVALUATED: 1/7/2025
ADDRESS: 111 Summer Breeze Ct. Statesville NC 28677
PROPOSED FACILITY: SFR MH PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: 17+ AC
LOCATION OF SITE: 129 Edwina Ln Statesville NC 28677 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 3-5%	0-12	CL SBK	SS SP SE FR	10YR 6/2 @ 40"+	(84)	—	—	S 0.25	2"
		12-34	C SABK	S P SE FR	10YR 5/3 @ 39"+					
		34-54	CL ABK	SS SP SE FR	10YR 5/4 @ 30"+					
					10YR 6/8 @ 37"+					
2	LS 3-5%	0-9	CL SBK	SS SP SE FR	10YR 6/2 @ 42"+	(62)	—	—	S 0.25	2"
		9-40	C SABK	S P SE FR						
		40-62	CL ABK	SS SP SE FR	Lateral water @ 60"					
3	LS 7-9%	0-6	CL SBK	SS SP SE FR		(62)		—	S 0.3	4"
		6-30	C ABK	SS SP SE FR						
		30-62	CL ABK	SS SP SE FR	heavy SAP in CL					
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	Ext + 120	360
System Type(s)	EXT + G 25%	25% Red
Site LTAR	0.25	0.25
Maximum Trench Depth	26"	26"

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

Comments: See additional notes for Compr. Relay

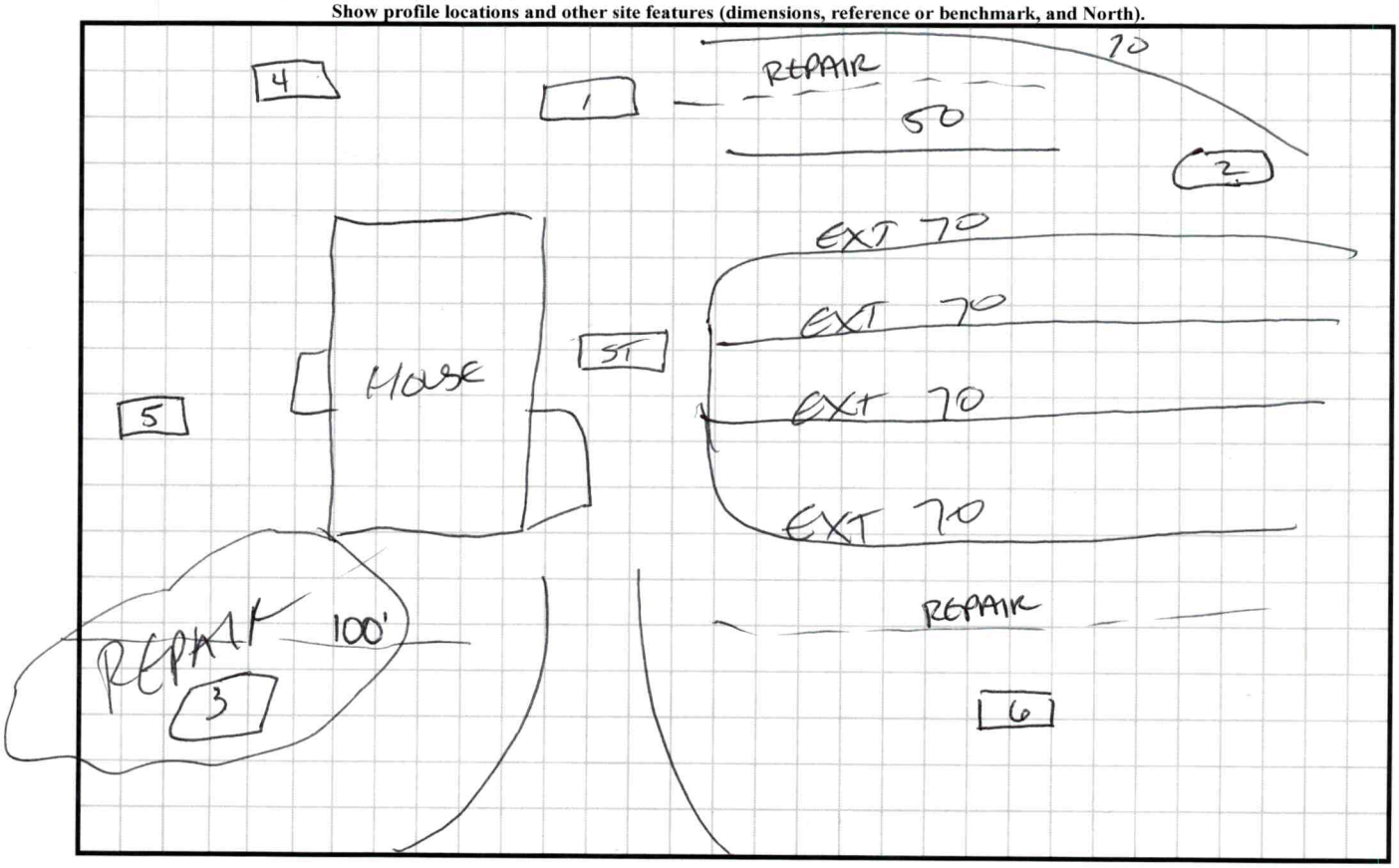
LEGEND

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).



SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4773-15-8794
DATE OF EVALUATION: 2/24/2025
COUNTY: IREDELL

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	OTHER PROFILE FACTORS .0506 SOIL DEPTH	OTHER PROFILE FACTORS .0507 SAPRO CLASS	OTHER PROFILE FACTORS .0508 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
4	HS 5-7%	0-24	FILL	—	10YR 6/2C 30"+					
		24-42	C WABK	VS P SE Fi		42	—	—	U	—
					Lateral water @ 40"+					
5	LS 7-9%	0-12	FILL	—	10YR 7/6+7/8 44"+					
		12-40	C ABK	S P SE FR		58			S	
		40-58	CL ABK	SS SP SE FR					0.25	4"
6	LS 7-9%	0-10	FILL	—						
		10-31	C ABK	SS SP SE FR		50		—	S	
		31-50	CL ABK	SS SP SE FR					0.3	4"
					few Quartz thru-out few SAP in CL					

COMMENTS: