# 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 2023-46096

PIN # 4676 -- 31 -- 0773

APPLICANT/OWNER: Jere Lemen | APPLICANT ADDRESS: 143 Williford Rd, Mooresville, NC 28115

SITE ADDRESS: 143 Williford Rd, Mooresville NC 28115 | PHONE: (704) 796-8826 | ALT. PHONE -

SITE DIRECTIONS: W Statesville Ave, N Main St, Linwood Ave, Williford Rd | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: - | SECTION: - | LOT # - | LOT AREA: 1.044 | DESIGN FLOW: 240 | L.T.A.R.(Initial): - | L.T.A.R (Repair): .3

Septic Tank 1000 (gal) STB 760 Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

# Nitrification Fields 1 # Lines 2 Linear Ft 240ft

Trench Width 36in *Max. Trench Depth(Initial) - *Max. Trench Depth(Repair) 24in Gravel Depth N/A

* Measured on the downhill side of the trench

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

System Description: -

Repair System Description: 2.5% bedrock

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

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

Usable Depth to LC (Initial): -

☑ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

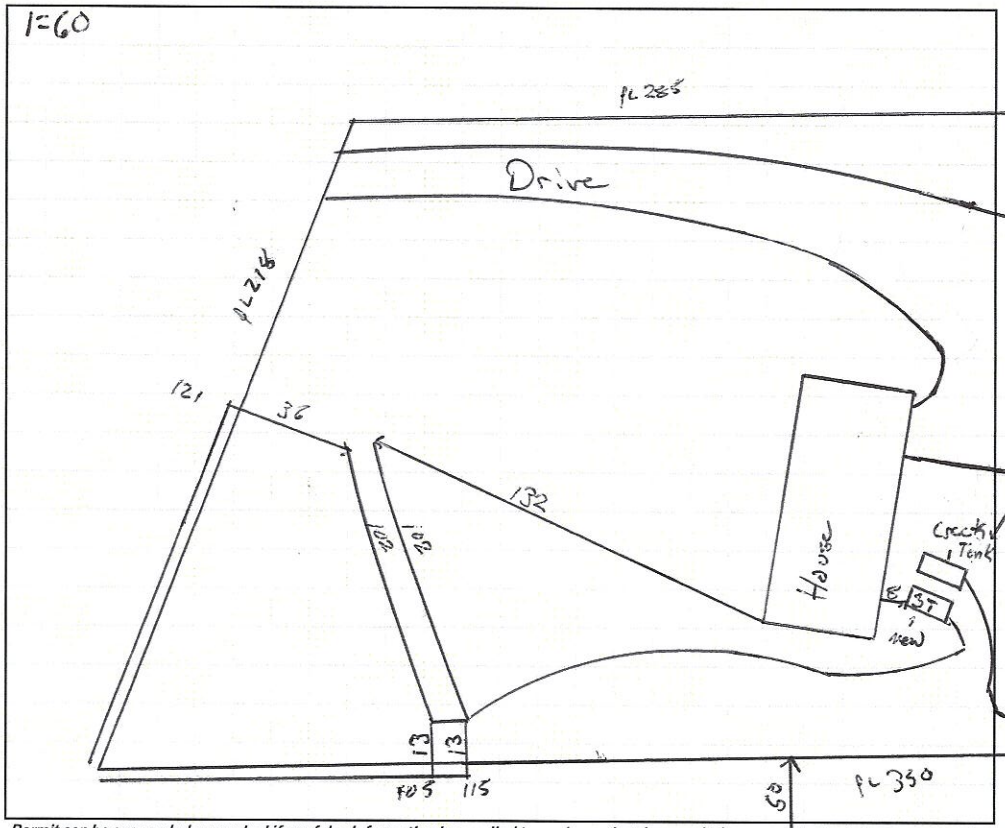
No. Bedrooms 2 | No. Persons 4 | No. Employees | ☑ Crawl Space | ☐ Basement w/o plumbing

**Water Supply**: ☑ Private ☐ Public ☐ Community

Usable Depth to LC (Repair): 36 *Limiting Condition*

Comments / Conditions: Install on contour with 4ft centers. Pump, crush, fill existing Tank and disconnect failing lines.

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.**

*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: On file Signature Date:

Installed by: Greenway Solutions

IMPROVEMENT PERMIT by: Matt Wiri Date: 2/8/24

OPERATION PERMIT by: Matt Wiri Date: 3/5/24

AUTHORIZATION TO CONSTRUCT by: Matt Wiri Date: 2/8/24

Existing System Inspected by: Date:

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

Sheet 1 of 1
PROPERTY ID #: 9676310773
COUNTY: Iredell

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

OWNER: Jere Lyons
ADDRESS: 143 Williford
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 240
LOCATION OF SITE: 143 Williford
WATER SUPPLY: Private Public (Well) Spring Other
EVALUATION METHOD: (Auger Boring) Pit Cut
TYPE OF WASTEWATER: (Sewage) Industrial Process Mixed

APPLICATION DATE 2/9/24
DATE EVALUATED: 2/13/24
PROPERTY SIZE: 1.64
PROPERTY RECORDED: yes

| 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 | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS 4% | 0-7 | GCL/GR | SSSP RSSE | — | 46 | 28 in Sap inclusions | — | PS .3 |
| | | 7-35 | C/SBK | SSSP FSE | | | | | |
| | | 35-46 | CL/SBK | SSSP FSE | | | | | |
| | | | | 3 | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | | 240 |
| System Type(s) | X | 23% |
| Site LTAR | | .3 |

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

COMMENTS: