# ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-25237

PERMIT # OSWP20231891 9

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

PIN # 4861 -- 41 -- 4419

APPLICANT/OWNER: Matthew Galliner | APPLICANT ADDRESS: 843 Troy Mill Rd Hamptonville NC 27020

SITE ADDRESS: 980 Tabor Rd Olin NC 28660 | PHONE: 704 818 6128 | ALT. PHONE

SITE DIRECTIONS: I77 N, R on Tomlin Mill Rd, L on Tabor Rd, Lot on R | SAP CONTROLLED: ☐ YES ☒ NO

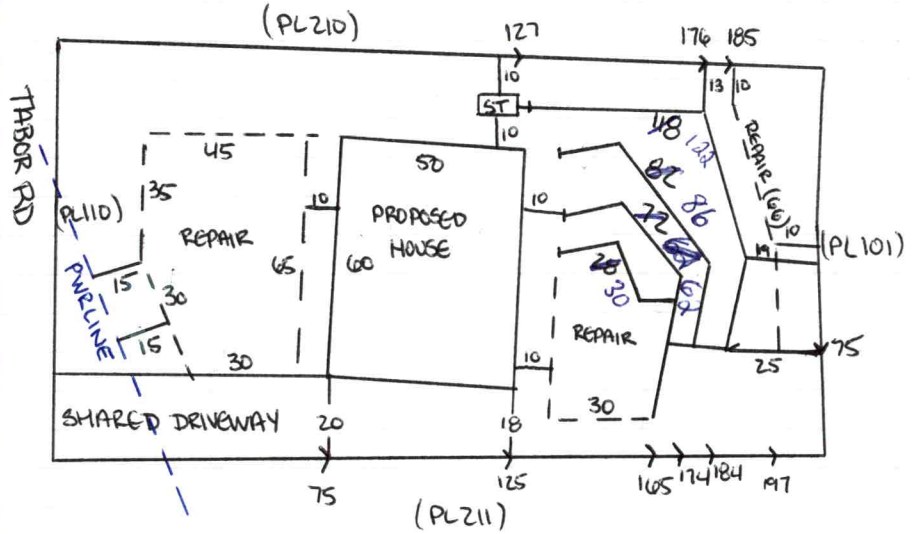
SUBDIVISION: Maddie Grey Estates | SECTION: – | LOT # 5 | LOT AREA: 0.508 | DESIGN FLOW: 360 | L.T.A.R.: 0.3

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 (gal) | STB | 760 | Date | 11/11/23 | ☒ New System ☐ Repair ☐ Expansion | System Type: I II III IV V VI | ☒ Residence | No. Bedrooms 3 | Water Supply |
| Pump Tank | (gal) | PT | | Date | | System Description: | Gravity 25% Reduction | ☐ Business | No. Persons 6 | ☐ Private |
| Pump Make | | Model | | Serial # | | Repair System Description: | VPPBPS | ☐ Other | No. Employees | ☒ Public |
| # Nitrification Fields | 1 | # Lines | 4 | Linear Ft | 300 | Maintenance Agreement Required: | ☐ YES ☒ NO | ☐ Slab | ☒ Crawl Space | ☐ Community |
| Trench Width | | Trench Bottom Depth(Low side) | 36" MAX | Gravel Depth | – | ☒ GRAVITY | ☐ PRESSURE | ☐ Basement w/plumbing | | ☐ Basement w/o plumbing |

Comments / Conditions: Install on contour with land utilizing serial distribution. DO Not exceed 36" max depth. Do not park, grade, pave, or bury utilities in septic area. Keep 15' off power line.

INITIAL SITE SKETCH

SCALE 1" = 50'




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

*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: Jake Williams

IMPROVEMENT PERMIT by: Sarah Braeller | Date: 4/11/2023 | OPERATION PERMIT by: [signature] | Date: 2/9/24

AUTHORIZATION TO CONSTRUCT by: Sarah Braeller | Date: 5/25/2023 | 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? _____ | |

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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: IREDELL

4861-41-4419

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

OWNER: Matthew Gallicher
ADDRESS: 843 Troy Mill Rd Hamptonville NC 27020
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 980 Tabor Rd
APPLICATION DATE 3/14/23
DATE EVALUATED: 4/4/23
PROPERTY SIZE: 0.508Ac
PROPERTY RECORDED: Y

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 | 3% Linear | 0"-8" | CL SBK | SS SP SE FR | | 55" SAP BAND 55"-60" | | 55"-60" ROCK/SAP | PS 0.3 |
| | | 8"-43" | C SBK | S P SE FR | | | | | |
| | | 43"-55" | CL SBK | SS SP SE FR | | | | | |
| | | 55"-61" | SAP M/RC | ROCK/SAP NS NP SE | VF; | | | | |
| 2 | 2% Linear | 0"-8" | CL SBK | SS SP SE FR | | 49" | | — | PS 0.3 |
| | | 8"-25" | C SBK | S P SE FR | | | | | |
| | | 25"-49" | CL WSBK | SS SP SE FR | | | | | |
| | | 49"-64" | L SAP M | NS NP SE FR | HEAVY SAP IN CL SAP 49"-64" | | | | |
| 3 | 3% Linear | 0"-9" | CL SBK | SS SP SE FR | | 62" | — | — | PS 0.3 |
| | | 9"-30" | C \| | S P SE FR | | | | | |
| | | 30"-62" | CL \| | SS SP SE FR | | | | | |
| | | | | | COMMON SAP INCL IN CL 40"+ MICAH INCL (FEW | | | | |
| 4 | 5% Linear | 0"-8" | CL SBK | SS SP SE FR | | 58" | — | — | PS 0.3 |
| | | 8"-31" | C ABK | S P SE FR | | | | | |
| | | 31"-58" | CL SBK | SS SP SE FR | | | | | |
| | | | | | MICAH IN CL (FEW) | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 300' | 200 |
| System Type(s) | G 25% | VPPBPS |
| Site LTAR | 0.3 | 0.3 |

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS 0.3
EVALUATED BY: Sarah Brecken
OTHER(S) PRESENT: —

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.

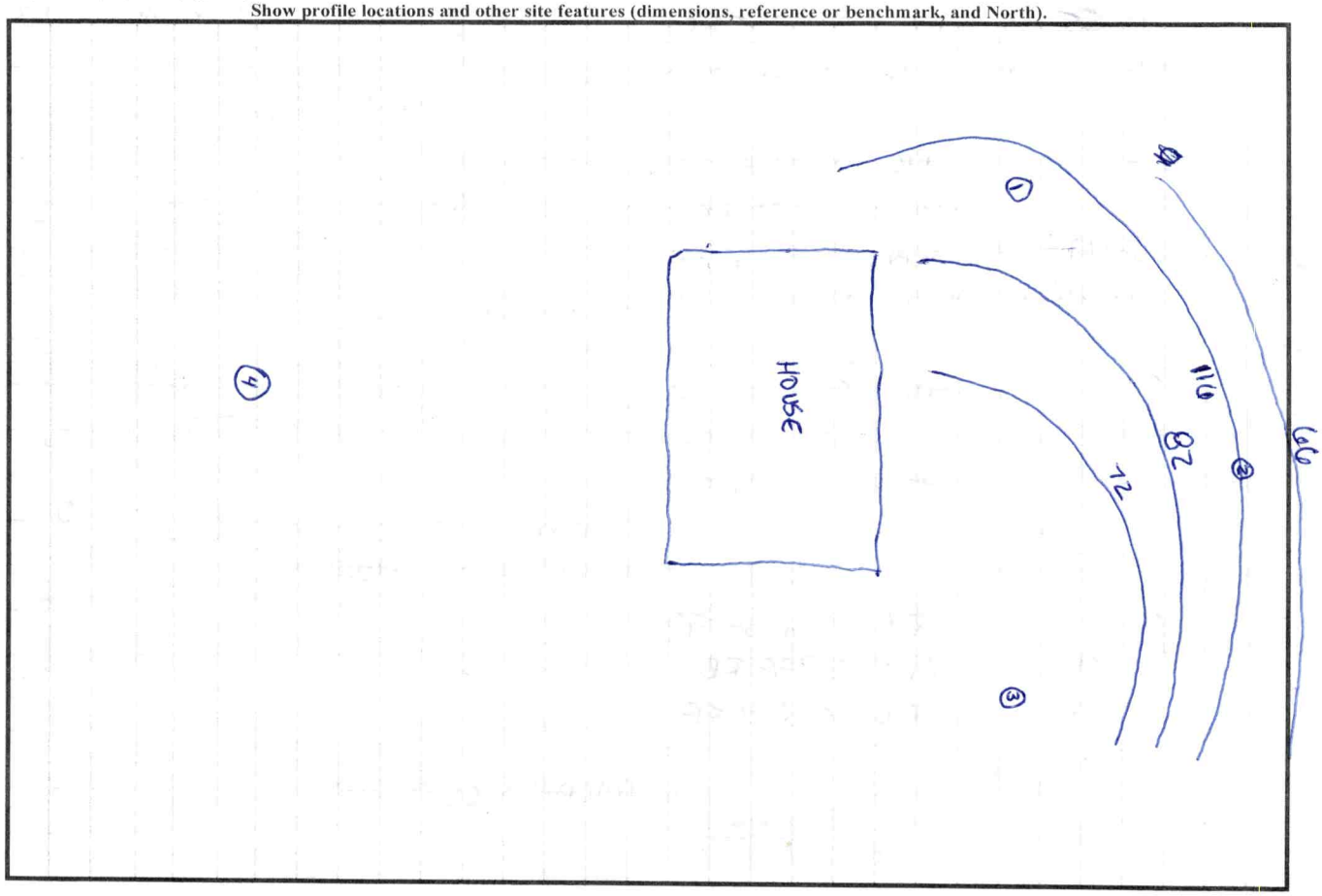
***NOTES***

| | |
|---|---|
| *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-2023-18919 FOR IREDELL COUNTY

**Permit Type:** Environmental Health OSWP
**Work Class:** EH Septic Permit
**Status:** Need to Draw
**Valuation:** $0.00
**Description:** New lot perk test

**Project:**
**District:** Iredell County
**Square Feet:** 0.00
**Assigned To:** Bracken, Sarah

**App Date:** 03/14/2023
**Exp Date:** NOT AVAILABLE
**Completed:** NOT COMPLETED
**Approval Expire Date:**

**Parcel:** 4861414419.000 Main
**Address:** 980 Tabor Rd Olin, NC 28660 Main
**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
Matthew Galliher
843 Troy Mill Rf
Hamptonville, NC 27020
Business: (704) 818-6128

Property Owner
Carolyn P Horne
133 Backrush Court
Statesville, NC 28625

**Permit Custom Fields**

| | | | | | |
|---|---|---|---|---|---|
| EHExpeditedApplication/PermitType | Improvement Permit | How is your site plan being submitted | Custom Site Plan | Does the site contain any jurisdictional wetlands | No |
| Non-domestic Sewage Generated | No | Other Public Agency | No | All proposed structure dimensions | 50x50 |
| Maximum Number of Bedrooms | 3 | If other Addition/Structure, please explain | | Number of Occupants | 2 |
| Foundation Type | Crawl Space Foundation | Water Supply | Other Public Water | Desired Septic System Type | Conventional (most common) |
| If other septic system type, please explain | | Has this project been approved by TRC | No | Lot Acreage | 0.508 |
| Front Setback | 35 | Back Setback | 35 | Left Setback | 15 |
| Right Setback | 15 | Zoning Permit Issued Date | Mar 28 2023 12:00AM | Zoning Permit Expiration Date | Sep 24 2023 12:00AM |
| Is the structure or development in the floodplain | No | Is the property in a local historic district? | No | Is the property located downtown? | No |
| Additional Unique Setbacks Apply | No | Watershed | NOT IN A WATERSHED | | |

| Attachment File Name | Added On | Added By | Attachment Group | Notes |
|---|---|---|---|---|
| Signature_Matthew_Galliher_3/14/2023.jpg | 03/14/2023 9:48 | Galliher, Matthew | | Uploaded via CSS |
| 980 Tabor authorize_v1.pdf | 03/14/2023 15:42 | Nebel, Barbara | Available Online | Authorize to Act as Agent |
| 980 Tabor site plan_v1.pdf | 03/14/2023 15:42 | Nebel, Barbara | Available Online | Site Plan |

| Inspection Number | Status | Inspection Type | Request Date | Scheduled Start Date | Scheduled End Date | Actual Start Date | Actual End Date |
|---|---|---|---|---|---|---|---|
| 2023-78541 | Passed - Permit | OSWP Septic/Well Preliminary Site Visit | 04/04/2023 | | | 04/04/2023 14:29 | 04/04/2023 14:29 |

**Inspectors:** Bracken, Sarah (Primary)

| Checklist Item | Description | Passed | Comments |
|---|---|---|---|
| General Comments | Checklist item used to track general comments, not specific to any other checklist item | No | |

| Invoice No. | Fee | Fee Amount | Amount Paid |
|---|---|---|---|
| INV-00011371 | New Gravity System | $500.00 | $500.00 |
| | Iredell Zoning Tech Fee | $2.25 | $2.25 |
| | Iredell Zoning Permit Fee | $75.00 | $75.00 |
| | Total for Invoice INV-00011371 | $577.25 | $577.25 |
| | **Grand Total for Permit** | **$577.25** | **$577.25** |

# PERMIT SNAPSHOT REPORT (OSWP-2023-18919)

| Workflow Step / Action Name | Action Type | Start Date | End Date |
|---|---|---|---|
| **Application Completeness Check v.1** | | 03/14/2023 15:42 | 03/14/2023 15:43 |
| Confirm application complete v.1 | Generic Action | | 03/14/2023 15:43 |
| **Fees v.1** | | 04/04/2023 10:01 | 04/04/2023 14:28 |
| Issue Invoice v.1 | Generic Action | | 04/04/2023 10:01 |
| Fees Paid v.1 | Generic Action | | 04/04/2023 14:28 |
| **Zoning Review v.1** | | 03/14/2023 15:42 | 04/05/2023 11:44 |
| Iredell County Zoning Approval v.1 | Task | 03/14/2023 15:42 | 04/05/2023 11:44 |
| Issue Invoice v.1 | Generic Action | | 04/04/2023 10:01 |
| Fees Paid v.1 | Generic Action | | 04/04/2023 14:28 |
| **Lot Readiness Verification v.1** | | 04/04/2023 14:29 | |
| OSWP Septic Preliminary Site Visit v.1 | Inspection | 04/04/2023 14:29 | 04/04/2023 14:29 |
| 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 | | |




**Tax Map Information**

| | |
|---|---|
| • PIN | 4861414419.000 |
| • Address | 980 TABOR RD |
| • Account # | Acct |
| • Tax Owner | |
| • Mailing Address | |
| • | , |
| • GIS Owner | HORNE CAROLYN P |
| • Deed Info | 1482 / 1033 - WD - 20030909 |
| • Tax Acres | 0.508 |
| • Lot # | 5 |
| • Description | MADDIE GREY ESTATES PB79-33 |
| • Zoning | |
| • Old Parcel # | |
| • Bldg Value | $0 |
| • OBXF Value | $0 |
| • Land Value | $0 |
| • Total Value | $0 |
| • Defer Value | $0 |
| • Tax Districts | -- - |

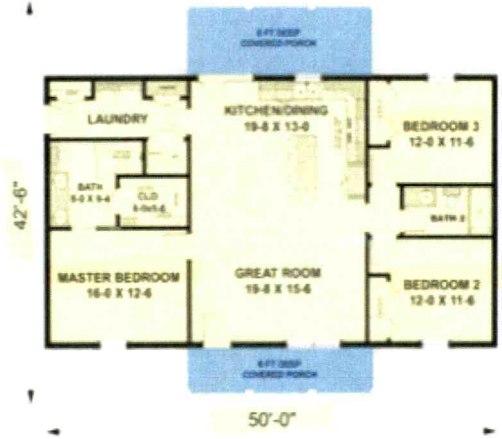
IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 04/11/2023
Data updated 04/11/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.




Sarah Bradley

5/25/2023