dotloop signature verification: dtlp-us2ejvqLqE4T-E7Qo

1234608/15726

MECKLENBURG COUNTY
HEALTH DEPARTMENT

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: ○ N/A ☑ NEW SYSTEM ○ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ○ N/A ☑ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: 049-082-08
STREET ADDRESS: 307 Gray Dr.
CITY: Charlotte
STATE: NC ZIP: 28213
SUBDIVISION NAME: n/a
LOT #: 3-6 BF M6-87 LOT SIZE (acres): 0.36
TOWNSHIP:
☑ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ○ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ○ MINT HILL

4. BUILDING INFORMATION:

BUILDING TYPE:
○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
☑ HOUSE ○ OTHER _____
HEATED SQUARE FOOTAGE: 1200
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 4
FOUNDATION TYPE:
☑ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
○ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ○ MUNICIPAL ○ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER _____

7. PROPOSED USE OF WELL: ○ N/A ○ IRRIGATION ○ POTABLE (DRINKING WATER) ○ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED):*

☐ N/A ☑ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	○ YES ☑ NO	GRADING/SOIL REMOVAL PERFORMED	○ YES ☑ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	○ YES ☑ NO	JURISDICTIONAL WETLANDS	○ YES ☑ NO
WELLS, SPRINGS, OR WATER LINES	○ YES ☑ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	○ YES ☑ NO
EASEMENTS OR RIGHT-OF-WAYS	○ YES ☑ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	○ YES ☑ NO
CHEMICAL/PETROLEUM STORAGE TANKS	○ YES ☑ NO	KNOWN UNDERGROUND CONTAMINATION	○ YES ☑ NO
WASTE STORAGE	○ YES ☑ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ YES ☑ NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____ ☑ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? 9/9/2025 ☐ N/A

12. PROPERTY OWNER:

NAME: Henry Kong
ADDRESS: 8700 Nellie Ln.
CITY: Marvin
STATE: NC ZIP: 28173
WORK PHONE: _____
MOBILE PHONE: 704-906-6899
FAX: _____
E-MAIL: henry_kong@outlook.com

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

Revised on: 4/20/17

dotloop signature verification: dtlp.us/ejwJ-qE4F-E7Q5

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

DRB 08/29/25 4:07 PM EDT dotloop verified (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

DRB 08/29/25 4:07 PM EDT dotloop verified (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below. A PROPOSED PLOT PLAN is required to be submitted with each application.

DENNA R BATES dotloop verified 08/29/25 4:07 PM EDT OYUA-ZBO1-X8RH-BJGR

Property Owner's or Owner's Legal Representative Signature

08/29/2025

Date

OFFICE USE ONLY

○ SURVEY PLAT TO SCALE SUBMITTED ○ SCALED SITE PLAN SUBMITTED ○ UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

WELL APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov



CHARLOTTE WATER

04908208

Map Number: 1

Technology Services - GIS Group
Created By: Adriana Jimenez-Willis
6/9/2025

Charlotte Water geographic data and other records are provided for general information purposes only. While Charlotte Water makes every effort to confirm the accuracy of information, it does not warrant nor guarantee information provided is accurate, current or complete. Charlotte Water assumes no responsibility for the consequences of inappropriate uses or misinterpretations of released data.

dotloop signature verification: dtlp.us/ejwj-qE4I-EzQn

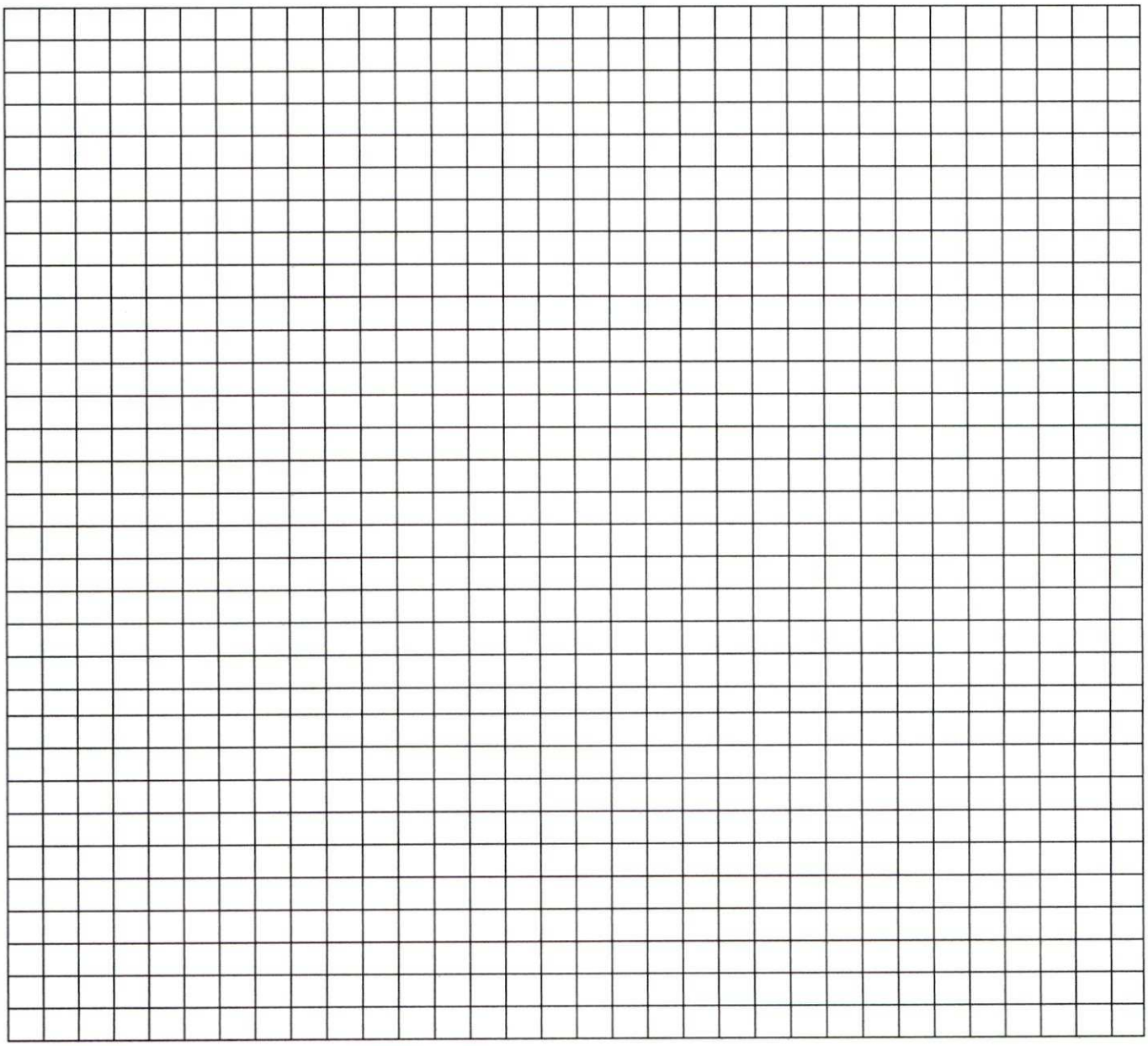
File #: _____

PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: _____ Tax Parcel #: _____

Subdivision Name: _____ Lot #: _____



DENYA R BATES dotloop verified 08/29/25 4:07 PM EDT 4VGQ-1AV8-XD26-HYCK

Property Owner's or Owner's Legal Representative Signature

08/29/2025

Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 980-314-1680, FAX: 704-336-6894
Email: Wellreg@MecklenburgCountyNC.gov

dotloop signature verification: dtlp.us/4Qcv-cTJR-HWo

MECKLENBURG COUNTY
Health Department

Raynard Washington, PhD, MPH
Health Director

(704) 336-4700

Addendum to Application for
New Well or Septic System Installation
Abandonment or Repair of Existing Well or Septic System

Your signature below confirms the following:

1. The information on the application is true, complete and accurate.
2. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliances with applicable laws and rules.
3. I acknowledge that Henry Kong is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at

307 Gray Drive, Charlotte, North Carolina 28213 / PID: 049-082-08
Number Street Town
(Or Parcel Number)

DENYA BATES - TRUSTEE
Property Owner (print name)

DENYA R BATES
dotloop verified
08/29/25 4:07 PM EDT
TJAY-3XBJ-GRJE-OPOQ
Property Owner (signature)

08/29/2025
Date

dotloop signature verification: dtlp.us/hEj1-lvsO-vYgc

Mecklenburg County

Environmental Health

Groundwater & Wastewater Services

How to Prepare Your Property for an Improvement Permit:

The following items must be done before a Mecklenburg County Health Department representative can visit your site:

- Identity and mark all property corners
    - **Note: For tracts larger than 2 acres contact this department for specific instructions relating to identifying property lines.**
- All property lines should be marked every 50 feet.
- You are responsible for marking all structures to be built on site.
- Clearing excessive underbrush (i.e., thick briars, pine thickets, broom sage bushes, kudzu, honeysuckle, weeds, etc.) is required to allow thorough inspection for soil and wastewater system layout.
    - **Note: Absolutely no grading, filling, or cutting shall occur on site prior to evaluation for permit issuance.**
- When lot is clearly marked as above instructions require, give our office a call at 980-314-1680. We will then connect you with the inspector who will complete the soil test.

Note: Failure to follow these instructions properly can result in a 2-week delay in processing your application. If the lot is improperly marked and results in an additional trip a $100 extra trip fee may apply.

By signing below, I acknowledge that I have fully read and understand this document.

DENYA R BATES dotloop verified 08/29/25 4:07 PM EDT B8G1-TLLC-YHNL-TGZ5

Property Owner's or Owner's Legal Representative Signature

08/29/2025

Date

3205 Freedom Dr. Suite 8000 J, Charlotte NC • 28208 • (980) 314-1680 • Fax (704) 336-6894

Last Modified: 8/7/23

MECKLENBURG COUNTY
North Carolina
Public Health

Mecklenburg County Public Health

Raynard Washington, PhD, MPH
Health Director

IMPROVEMENT PERMIT DENIAL

September 26, 2025

Re: Application for improvement Permit for property located at 307 Gray Dr Charlotte, NC 28213

Health Department file # 12346B

To Whom It May Concern:

The Mecklenburg County Health Department, Environmental Health Division, on 09/3/25 evaluated the above-referenced property at the site designated on the plat/site plan that accompanied your Improvement Permit application. According to your application the site is to serve a 3 bedroom residence with a design wastewater flow of 360 gallons per day. The evaluation was done in accordance with the laws and rules governing on-site wastewater systems in General Statutes 130A-333 to 345 and 15A NCAC 18E.

Based on the criteria set out in 15A NCAC 18E .0501 through .0602, the evaluation indicated that the site is **UNSUITABLE** for an on-site wastewater system. Therefore, we must deny your request for an Improvement Permit. A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

- ☐ Unsuitable soil topography and/or landscape position (Rule .0502)
- ☐ Unsuitable soil characteristics (structure or clay mineralogy) (Rule .0503)
- ☐ Unsuitable soil wetness condition (Rule .0504)
- ☐ Unsuitable soil depth (Rule .0505)
- ☐ Unsuitable saprolite (Rule .0506)
- ☐ Presence of restrictive horizon (Rule .0507)
- ☒ Insufficient space for septic system and repair area (Rule .0508)
- ☒ Unsuitable for meeting required setbacks (Rule .0601 or .0602)
- ☐ Other (*Cite applicable rule*):_____

_____

_____

These severe soil or site limitations could cause premature system failure, leading to the discharge of untreated sewage on the ground surface, into surface waters, directly to ground water, or inside your structure.

The site evaluation included consideration of possible site modifications, as well as use of all possible systems approved under 15A NCAC 18E. However, the Health Department has determined that none of the above options will overcome the severe conditions on this site. A possible option might be a system designed to dispose of sewage to another area of suitable soil such as off-site to additional property.

For the reasons set out above, the property is currently classified UNSUITABLE, and no Improvement Permit shall be issued for this site in accordance with Rule .0509(a) and (d).

MECKLENBURG COUNTY
North Carolina
Public Health

Mecklenburg County Public Health

Raynard Washington, PhD, MPH
Health Director

A site classified as UNSUITABLE may be classified as SUITABLE if written documentation is provided that meets the requirements of Rule .0509(b) or (c). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as SUITABLE.

You have a right to an informal review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an informal review by the Department of Health and Human Services' Regional Soil Scientist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 1711 New Hope Church Rd, Raleigh, NC 27609. To get a copy of a petition form, you may write the Office of Administrative Hearings, call the office at 984-236-1850, or download it from the OAH web site at http://www.oah.nc.gov. The petition for a contested case hearing must be filed in accordance with the provision of General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. General Statute 130A-335(g) provides that your hearing will be held in the county where your property is located.

If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is 09/26/25. Meeting the 30-day deadline is critical to your formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, **you are required** by General Statute 150B-23 to serve a copy of your petition on the Registered Agent for the Department of Health and Human Services: Julie Cronin, Office of General Counsel, Department of Health and Human Services, 2001 Mail Service Center, Raleigh, N.C. 27699-2001.

Do not serve the petition on your local health department. Sending a copy of your petition to the local health department will not satisfy the legal requirement in General Statute 150B-23 that you send a copy to the Office of General Counsel, Department of Health and Human Services.

You may call or write the local health department if you need any additional information or assistance.

Sincerely,

Matthew Hall, REHS
Sr. Environmental Health Specialist
Groundwater & Wastewater Services | Public Health
Mecklenburg County Government
704-575-3541 | MeckNC.Gov

Enclosures: *(Enclose copy of Rule .0503 & .0508)*

Department of Health and Human Services
Environmental Health Section
On-site Water Protection Branch

Property ID: 04908208
Lot #:
File #: 12346b
AppID: 15726

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Henry Kong
Applicant: Same
Address: 307 Gray Dr.
Date Evaluated: 9/10/2025
Proposed Facility: 3 BR SFR
Design Flow (.0400): 360 GPD
Property Size: 0.365 ac.
Location of Site: See file
Property Recorded: 1/1/1975
Water Supply: [ ] Public [X] Single Family Well [ ] Spring [ ] Other:
Evaluation Method [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Domestic [ ] Industrial Process [ ] High Strength

PROFILE #	.0502 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .0503 Structure/ Texture	SOIL MORPHOLOGY .0503 Consistence/ Mineralogy	PROFILE FACTORS Matrix Soil Color	PROFILE FACTORS .0504 Soil Wetness/ Color	PROFILE FACTORS .0505 Soil Depth (IN.)	PROFILE FACTORS .0506 Sapro Class	PROFILE FACTORS .0507 Restr Horiz	General Comments / Other	0.0509 Profile Class & LTAR	0.0502 Slope Correction (Low Side of trench)
1	L ~5%	0 - 3	Wk, Gr, SL	VFr, NS, NP	B	C: G Chroma 2 deplet. @ 26-30" M: Chroma 2 deplet. @ 30"+	>43"	N/A	N/A	C: Sap. inclus. @ 30"+	S 0.20 at grade *or* 0.10 Drip US @ 26"	- 2" 12" Max or 14" Drip
		3 - 12	Wk, Sbk, SCL	Fr, SS, SP	YB							
		12 - 30	Wk, Sbk, SC	Fr, SS, SP, SE	YB							
		30 - 43	Wk, Sbk, SC	Fr, SS, SP, SE	GB							
		43	Boring terminated									
2	L ~5%	0 - 3	Wk, Gr, SL	VFr, NS, NP	B	F-C: G Chroma 2 deplet. @ 15-20" M: Chroma 2 deplet. @ 20"+	>29"	N/A	N/A		US @ 15"	N/A
		3 - 12	Wk, Sbk, SCL	Fr, SS, SP	YR							
		12 - 23	Wk, Abk, SC	Fr, SS, SP, SE	YB							
		23 - 29	Wk, Abk, C	Fr, SS, SP, SE	GB							
		29	Boring terminated									
3	L ~6%	0 - 3	Wk, Gr, SL	VFr, NS, NP	B	F-C: G Chroma 2 deplet. @ 18"+	>27"	N/A	N/A		S 0.10 Drip US @ 18"	6" Max
		3 - 18	Wk, Sbk, SCL	Fr, SS, SP	YR							
		18 - 27	Wk, Sbk, SCL	Fr, SS, SP	YB							
		27	Boring terminated									
4												
5												

Description	Initial System	Repair System
Available Space (.0508)	?	N/A
System Type(s)	Vd ?	N/A
Site LTAR	0.10 (Drip)	N/A
Maximum Trench Depth (low side of trench)	6"	N/A

Soil Evaluation By: P. Mitchell, REHS, LSS
Soil Classification (.0502 - .0507): S (Drip only)
Other(s) Present:
Site Classification (.0509): US - Space constraints with both 307 Gray drive well and neighboring well

COMMENTS: Soils on the front and rear of the lot were found to be suitable for a drip system. Soils in the middle of the lot were found to be unsuitable. Additional soils investigation and layout are required to determine if there is sufficient suitable soils and area to accommodate a drip system. Per MCHD Policy, a consultant evaluation & design is required for permitting a drip system.

Soil & Site Evaluation Map



Map Created by: P. Mitchell
Date: 9/10/2025

PROPERTY INFO
Address: 307 Gray Dr.
PID No.: 04908208

1 inch = 50 feet

N

Mecklenburg County
Groundwater & Wastewater Services