- Original file could not be located.
- Septic file complete ✓ MN 7/10/25 (Scanned in OnBase)
- Please release Occupancy Hold ✓ MN 7/10/25

App. #: 14759

PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT FOR ONSITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

MECKLENBURG COUNTY HEALTH DEPARTMENT GROUNDWATER & WASTEWATER SERVICES

Septic Fee: 250.00 Well Fee: Date:

Date: 6/27/2024

FILE # 11980B

SEPTIC / TYPE APPLICATION: ○ N/A ◉ NEW SYSTEM ○ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

WELL / TYPE APPLICATION: ◉ N/A ○ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

JOB LOCATION INFORMATION:

TAX / PARCEL #: 21907131 ☐ PO

STREET ADDRESS: 12930 HAMILTON RD

CITY: Charlotte

STATE: NC ZIP: 28273

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT #: 0

TOWNSHIP: CHARLOTTE

General Comments:

BUILDING INFORMATION:

TYPE OF BUILDING:

○ SINGLE MOBILE HOME (S) ○ MODULAR HOME (M)

○ DOUBLE WIDE (D) ○ MULTIPLE FAMILY (U)

○ HOUSE (H) ◉ OTHER

HEATED SQUARE FOOTAGE: 0

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS: 6

FOUNDATION FOR RESIDENCE:

☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING

☐ CRAWL SPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES: ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: 0

NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: 0

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE?: ○ Yes ◉ No

TYPE:

WATER SUPPLY:

☑ MUNICIPAL ☐ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER

PROPOSED USE OF WELL:

◉ N/A ○ IRRIGATION ○ POTABLE (Drinking Water) ○ OTHER

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

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

RANK: 0 0 0 0 0

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	○ Yes ◉ No	GRADING/SOIL REMOVAL PERFORMED	○ Yes ◉ No
EXISTING WASTEWATER SYSTEMS	○ Yes ◉ No	JURISDICTIONAL WETLANDS	○ Yes ◉ No
WELLS, SPRINGS, OR WATER LINES	○ Yes ◉ No	APPROVAL REQ'RD BY OTHER AGENCY	○ Yes ◉ No
EASEMENTS OR RIGHT-OF-WAYS	○ Yes ◉ No	WASTEWATER OTHER THAN DOM. SEWAGE	○ Yes ◉ No
CHEMICAL/PETROLEUM STORAGE TANKS	○ Yes ◉ No	KNOWN UNDERGROUND CONTAMINATION	○ Yes ◉ No
WASTE STORAGE	○ Yes ◉ No	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ Yes ◉ No

PROPERTY OWNER:

NAME: SVETLANA BAKHTIYAROVA

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:

ADDRESS:	10123 CANNARTI DR	ADDRESS:	
CITY:	CHARLOTTE	CITY:	
STATE:	NORTH CAROLINA ZIP: 28273	STATE: ZIP:	
HOME PHONE:	WORK:	HOME PHONE:	WORK:
MOBILE:	561-542-5075 FAX:	MOBILE:	FAX:
EMAIL:	SLANA71@GMAIL.COM	EMAIL:	

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? ☐ UNKNOWN

WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? ☐ N/A

PRINT Update Go to Front Counter Duplicate

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30014759 GWS File #: 11980B Tax Parcel #: 219-071-31

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 7/22/2029

Type of Installation: Residential - New System Lot Number: 0

Structure Type: OTHER Size (ft^2): 0 # Bedrooms: 3 Max. Occup.: 6

Building Foundation: Water Supply: Municipal

II. Initial System Type: Pump to Accepted **System Classification:** IIIb

Initial System Specifications:

Design Flow (gpd):	360	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	900	Total Trench Length (ft):	300
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

III. Repair System Type: Pump to Accepted **System Classification:** IIIb

Repair System Specifications:

Design Flow (gpd):	360	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	900	Total Trench Length (ft):	300
Maximum Trench Depth (in):	30	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: April Bumgarner Owner/Legal Agent: Svetlana Bakhtiyarov
Print Name

Signature: April Bumgarner Signature: By

Date Issued: 7/22/2024

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NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30014759 GWS File #: 11980B

IV. Permit Conditions/Comments:

- This type of septic system requires an inspection once every 5 years by our office. The system owner is responsible for any fees, as determined by the Mecklenburg County Board of Commissioners, associated with this inspection.
- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 10 feet from any foundation drain.
- Do NOT grade within 15 feet of septic area. Doing so could result in suspension or revocation of permit.

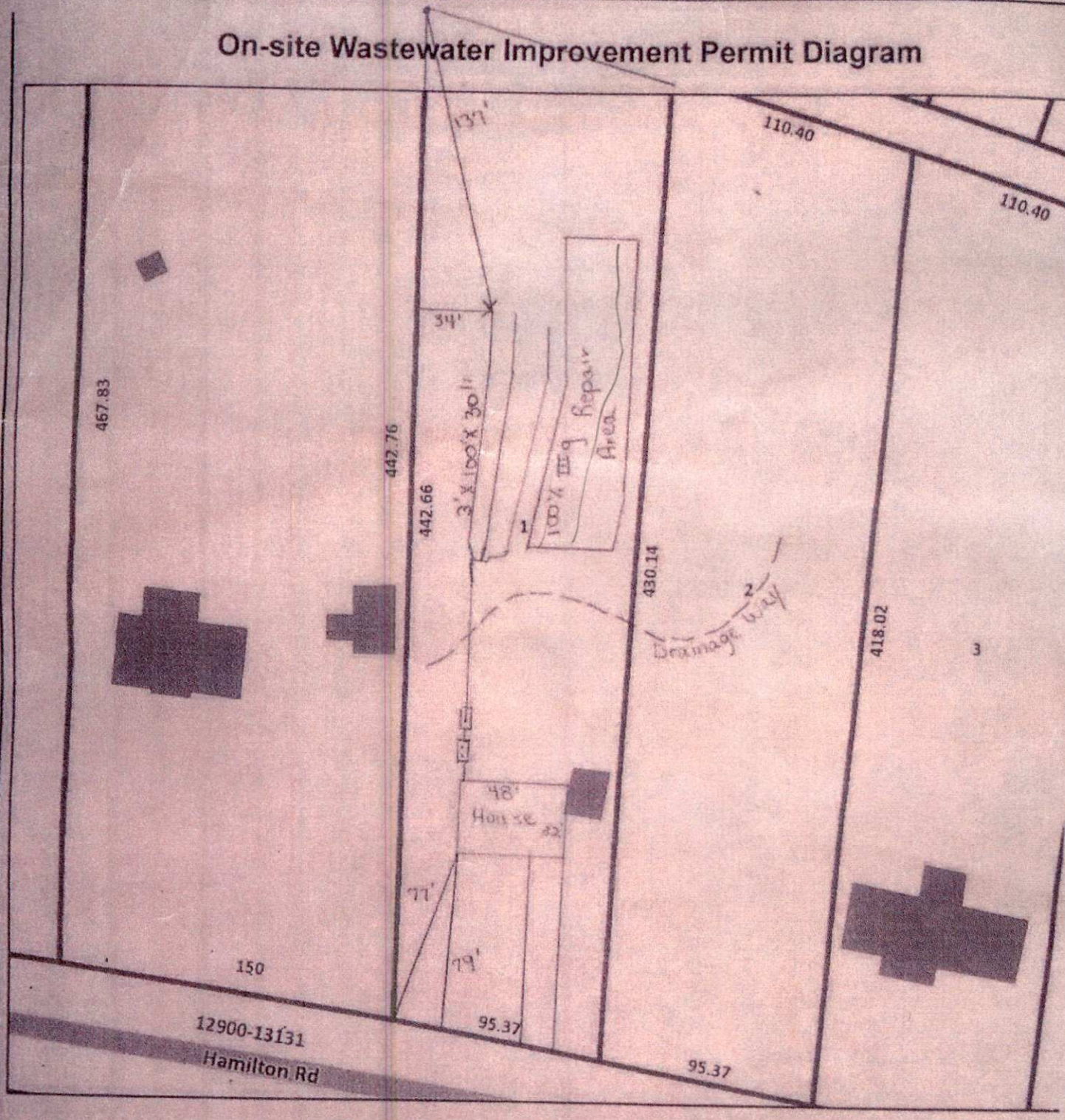
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- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: April Bumgarner
Signature: April Bumgarner
Date Issued: 7/22/2024

Owner/Legal Agent: Svetlana Bakhtiyarov
Print Name
Signature:

On-site Wastewater Improvement Permit Diagram



Mecklenburg County Health Department
Environmental Health - Groundwater and Wastewater Services

Permit #: 14759
PID #: 219-071-31
File #: 11980B

Authorized Agent: April Baumgarner Date: 7/25/24

Owner/ Legal Agent: [signature] Date: 7.28.24

1 inch = 60 fee

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

Property ID: 21907131
Lot #: 1
File #: 11980B
AppID: 14759

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Svetlana Bakhtiyarova
Applicant: Same
Address: 12930 Hamilton Rd.
Date Evaluated: 7/10/2024
Proposed Facility: 3 BR SFR
Design Flow (.0400): 360 GPD
Property Size: 1.03 ac.
Location of Site: See file
Property Recorded: After Jan. 1, 1983
Water Supply: [X] Public [ ] 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 (*Max Trench Depth Low Side*)
1	L 3 - 5%	0 - 6	Mo, Sbk, CL	Fr, SS, SP	R	N/A	>48"	N/A	N/A	C-M: Sap. inclus. @ 30"+	S 0.30	34-35"
		6 - 23	Mo, Sbk, C	Fr, SS, SP, SEXP	R							
		23 - 48	Mo-Wk, Sbk, CL	Fr, SS, SP	R							
2	L 4 - 6%	0 - 4	Mo, Gr, L	Fr, SS, NP	B	N/A	>48"	N/A	N/A	F: Sap. inclus. @ 44"+	S 0.30	34-35"
		4 - 11	Mo, Sbk, CL	Fr, SS, SP	R							
		11 - 34	Mo, Sbk, C	Fr, SS, SP, SEXP	R							
		34 - 48	Mo-Wk, Sbk, CL	Fr, SS, SP	R							
3	L 4 - 6%	0 - 3	Mo, Gr, L	Fr, SS, NP	B	N/A	>48"	N/A	N/A	F: Sap. inclus. @ 42"+	S 0.30	34-35"
		3 - 25	Mo, Sbk, C	Fr, SS, SP, SEXP	R							
		25 - 48	Mo-Wk, Sbk, CL	Fr, SS, SP	R							
4	L 3 - 5%	0 - 3	Mo, Gr, L	Fr, SS, NP	B	N/A	>48"	N/A	N/A	F: Sap. inclus. @ 36"+	S 0.30	34-35"
		3 - 30	Mo, Sbk, C	Fr, SS, SP, SEXP	R							
		30 - 48	Mo-Wk, Sbk, CL	Fr, SS, SP	R							

Description	Initial System	Repair System
Available Space (.0508)	---	---
System Type(s)	---	---
Site LTAR	0.30	0.30
Maximum Trench Depth	36"	36"

Soil Evaluation By: P. Mitchell, REHS, LSS
Soil Classification (.0502 - .0507): S
Other(s) Present:
Site Classification (.0509): ---

COMMENTS: The topo in the wooded area is slightly undulating. If the topo is not smoothed out more uniform during clearing, recommend using a 30"+ trench bottom depth.

Soil & Site Evaluation Map



Map Created by: P. Mitchell
Date: 7/10/2024

PROPERTY INFO
Address: 12930 Hamilton Rd.
PID No.: 21907131

1 in = 60 ft

Mecklenburg County
Groundwater & Wastewater Services

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

Septic System Pre-Construction Meeting Checklist

File # 11980B App# 14759 Tax Parcel# 219-071-31

Property Owner: Svetlana Bakhtiyarova

Job Location Address: 12930 Hamilton Rd

City: Charlotte State: NC Zip Code: 28273

1. Does System design match facility, flow & wastewater characteristics?

   ☒ YES ☐ NO

   Comments: _____

2. Is there sufficient available space for the septic systems initial and repair areas?

   ☒ YES ☐ NO

   Comments: _____

3. Can the septic system be installed per the permit conditions and drawing on file?

   ☒ YES ☐ NO

   Comments: No pump tank needed if gravity can be achieved.

*If "NO" is checked for any of the above the existing permit may need to be revoked.

Permission is hereby given to ☒ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. **System shall not be installed while soils are in wet condition.**

Braedon Shelton — Authorized Agent

7/1/25 — Date

Mark (Marksman Landworks LLC) — Others Present

Phone: (980) 314-1680 Fax: (704) 336-6894

On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 11980B Permit #: 14759 Tax Parcel #: 219-071-31

Property Owner: Svetlana Bakhtiyarova

Job Location Address: 12930 Hamilton Rd

City: Charlotte State: NC Zip Code: 28273

Operation Permit Issuance Date: 7/9/25 Contractor Name: Marksmen Landworks LLC

Permitted Design Flow: 360 GPD Liquid Capacity of Dosing Tank: — gallons

Liquid Capacity of Septic Tank: 1000 gallons Tank Manufacture J+S Effluent Pump Model: —

Drainfield Installation ☐ N/A

Trench Depth: 28 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 306 feet Infiltrator Arc-36

# of Lines: 3 @ 102 feet

Depth of Media: 12 inches (Type)

Depth of Cover: ≥6 inches

Distribution Device: Serial

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: ____ inches

Bed Width: ____ feet

Total line length: ____ feet

# of Lines: ____ @ ____ feet

Depth of Media: ____ inches (Type) ____

Depth of Cover: ____ inches

Distribution Device: ____

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other ____

System Installation Setbacks

Distance from Building Foundation: ≥5 feet

Distance from Property Line: ≥10 feet

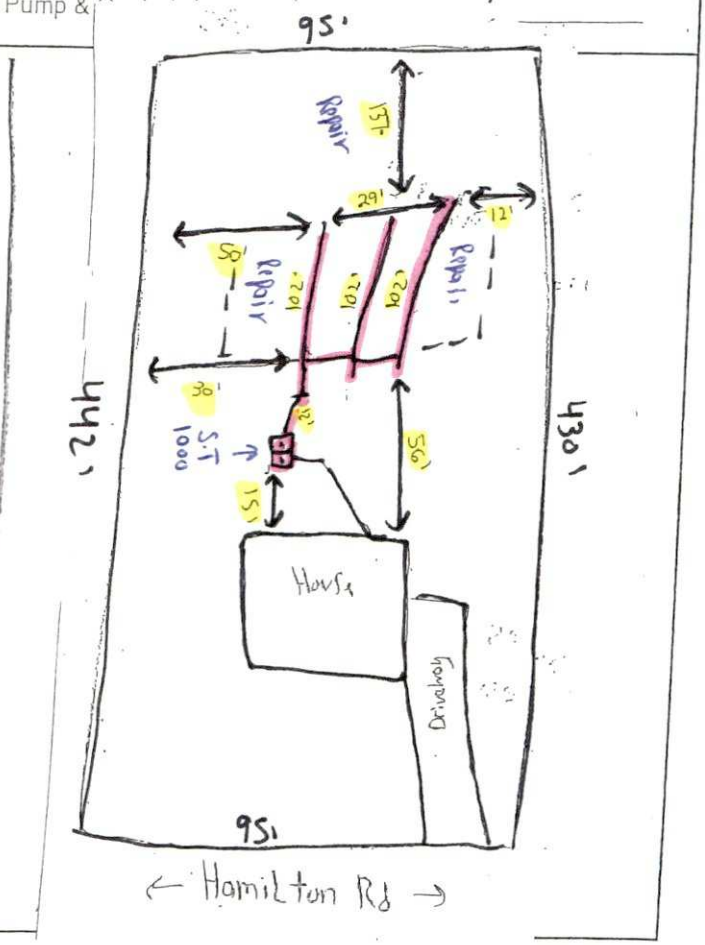
Distance from Water Supply Source: ≥10 feet

Inspection Dates

Tank(s) Inspected: 7/3/25

Excavation Inspected: 7/3/25

Pump & ____



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☒ installed ☐ altered ☐ repaired ☒ as detailed in the plot above ☒ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IV-a, Chm-36 | 9 | N/A, N/A

3-Bedroom System (Accepted) 3-102' = 306'

ENR Authorized Agent: Braden Shelton Signature: Braden Shelton

Mecklenburg County Groundwater & Wastewater Services
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NC DHHS
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On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 11980B Permit #: 14759 Tax Parcel #: 219-071-31

Property Owner: Svetlana Bakhtiyarova

Job Location Address: 12930 Hamilton rd

City: Charlotte State: NC Zip Code: 28273

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIa Chm-36

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other: 3 Bedroom System 3-102' Lines Accepted System. Gravity fall was achieved 4" of fall from S.T to top Lin.

DENR Authorized Agent: Braedon Shelton Date: 7/9/25

Signature: Braedon Shelton

7/3/25

A1.6-36

J+S 1000

