App. #: 13897

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

Well Fee: Date:

Septic Fee: 0.00

Date: 6/1/2023

FILE # 6952A

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 #: 01547122 ☐ PO

STREET ADDRESS: 8824 WEDGEWOOD DR

CITY: Huntersville

STATE: NC ZIP: 28078

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT #: 0

TOWNSHIP: HUNTERSVILLE

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: 2000

NUMBER OF BEDROOMS: 3

NUMBER OF OCCUPANTS: 4

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:		LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:	
NAME:	JACOB LYON	NAME:	
ADDRESS:	8824 WEDGEWOOD DR	ADDRESS:	
CITY:	HUNTERSVILLE	CITY:	
STATE:	NORTH CAROLINA ZIP: 28078	STATE: ZIP:	
HOME PHONE:	704-507-1667 WORK:	HOME PHONE:	WORK:
MOBILE:	FAX:	MOBILE:	FAX:
EMAIL:	JACOB@ADVANCEDTECHSYSTEMS.CO	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/CONSTRUCTION AUTHORIZATION for REPAIRING an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 6952A Permit #: 13897 Tax Parcel #: 01597122

Property Owner: Jacob Lyon

Job Location Address: 8824 Wedgewood dr

City: Huntersville State: NC Zip Code: 28078

Improvement Permit Issuance Date: _____ Construction Authorization Issuance Date: 6/6/23

Permission is hereby given to **repair** an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before 6/6/24. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Permitted Design Flow: Existing GPD Site LTAR: .3 GPD/ft²

Liquid Capacity of Septic Tank: NA gallons Liquid Capacity of Dosing Tank: _____ gallons

Drainfield Design ☑ N/A

Trench Depth: _____ inches

Trench Width: _____ feet

Line Spacing: _____ feet (O.C.)

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Bed Design *(For Repair Installations ONLY.)* ☐ N/A

Bed Depth: 36" inches

Bed Width: 15' feet

Total line length: 65' feet

# of Lines: 5 @ 65' feet

Depth of Media: 30 inches (Type) 24" + 6" sand

Distribution Device: Dbox

Water Supply Source

☑ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: 10' feet

Distance from Property Line: 10' feet

Distance from Water Supply Source: 10 feet



Comments: System Classification & Type: Call for preconstruction meeting

Authorized Agent: Heather Ray Signature: Heather Ray

Owner Signature: _____ Date: _____

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 # 6952 A App# 13897 Tax Parcel# 015.471.22

Property Owner: Jacob Lyon

Job Location Address: 8824 Wedgewood Dr

City: Huntersville State: NC Zip Code: 28078

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 ☒ n/a

   Comments: Repair

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

   ☒ YES ☐ NO

   Comments: _____

*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.**

Kim Garrett
Authorized Agent

7/14/23
Date

Jarrid Lentz
Others Present

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3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
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NC DHHS
Division of Environmental Health
On-Site Wastewater Section

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

File #: 6952 A Permit #: 13897 Tax Parcel #: 015.471.22

Property Owner: Jacob Lyon

Job Location Address: 8824 Wedgewood Dr

City: Huntersville State: NC Zip Code: 28078

Operation Permit Issuance Date: 7/14/23 Contractor Name: Jarrid Lentz # 3360 Lentz Septic

Permitted Design Flow: 360 GPD Liquid Capacity of Dosing Tank: n/a gallons

Liquid Capacity of Septic Tank: 1000 gallons Tank Manufacture Shoaf Effluent Pump Model: n/a

Drainfield Installation ☒ N/A

Trench Depth: _____ inches

Trench Width: _____ feet

Line Spacing: _____ feet (O.C.)

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

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

Bed Depth: 48 inches

Bed Width: 15 feet

~~Total line~~ Bed length: 65 feet

# of Lines: 5 @ 65 feet

Depth of Media: 24 inches (Type) stone

Depth of Cover: 24 inches

Distribution Device: D box

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 19 feet

Distance from Property Line: >10 feet

Distance from Water Supply Source: >10 feet

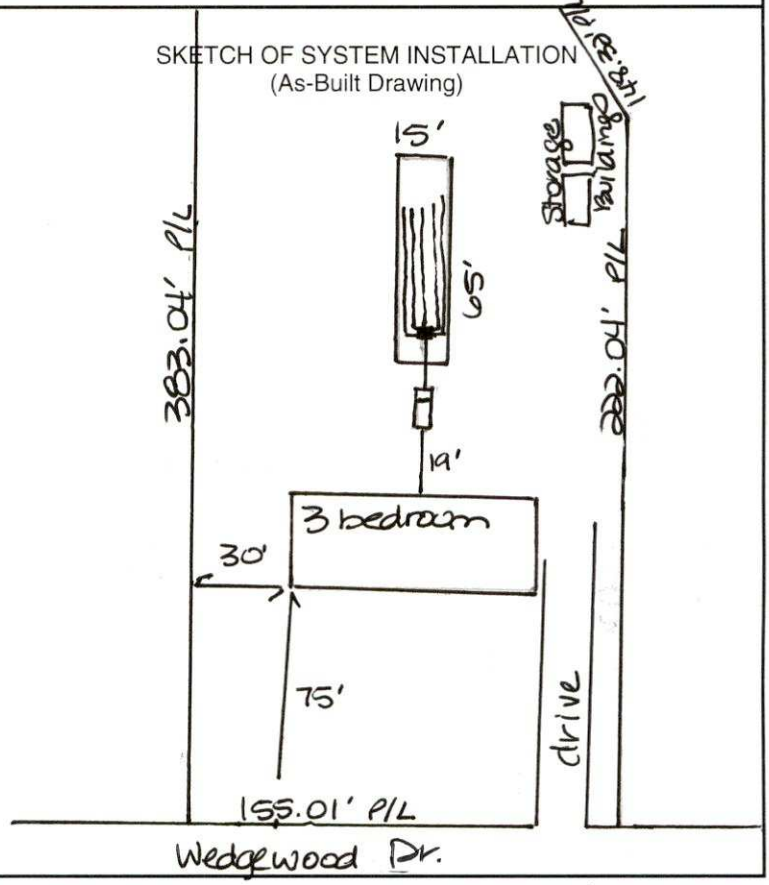
Inspection Dates

Tank(s) Inspected: 7/14/23

Excavation Inspected: 7/14/23

Pump & Controls Inspected: n/a

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



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: IIa, gravity, GBD, n/a, n/a, new 1000 g tank

DENR Authorized Agent: Kim Garrett, REHS Signature: Kim Garrett, REHS

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

File #: 6952A Permit #: 13897 Tax Parcel #: 015.471.22

Property Owner: Jacob Lynn

Job Location Address: 8824 Wedgwood Dr

City: Huntersville State: NC Zip Code: 28078

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: IIa

*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:

DENR Authorized Agent: Kim Garrett, REHS Date: 7/14/23

Signature: Kim Garrett, REHS