

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR INTENDED USE CHANGED

OPERATIONS PERMIT

PERMIT # WREP-111430-2023

APPLICATION DATE: 10/03/2023

BLDG. PERMIT#:

PIN: 0724943123

RECORDED: Yes

TOWNSHIP: 20 - White Oak

JURISDICTION: Cary

ZONING: R40

APPLICANT: Kevin Holt
8909 Green Level Church RD

BUSINESS PHONE:

HOME PHONE:

MOBILE PHONE: (919) 369-8460

HD USE: 0001 REPAIR/EXISTING SYSTEM

EXISTING USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

SITE ADDRESS: 8909 GREEN LEVEL CHURCH RD

SUBDIVISION: BETTIE HILLIARD LAND

LOT:

ACRES: 1.00

DIRECTIONS: Hwy 64 W from Apex, TR Jenks Rd. TL Green Level Church Rd. Site on Lt. 8909 Green Level Church Rd.

Systems defined as either type III-b, III-g with a pump, IV, V or VI, in accordance with the North Carolina administrative code 15A NCAC 18a .1961, table V as adopted by reference in the "Regulations Governing Wastewater Treatment Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type pursuant to 15A NCAC 18a. 1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. This permit is based in part on information provided by the homeowner and/or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The environmental health specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him/her in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

OPERATION PERMIT VALID FOR: No Expiration

INSTALLED BY: DAVIS JR, BOBBY L - 3402 - IV

PROPRIETARY SYSTEM: TANK - Septic/Pump Tank

PRETREATMENT SYSTEM:

Replacement

SYSTEM TYPE INSTALLED:

OPERATION PERMIT: STATUS: Issued

ISSUED BY: Travis Howard

ISSUED DATE: 10/19/2023

SEPTIC TANK: Infiltrator - IM-1060 - 1094 gallons

DATE OF MANUFACTURE:

FILTER: Polylok - PL-68

GREASE TRAP:

DATE OF MANUFACTURE:

FILTER:

DOSING PUMP TANK: Infiltrator - IM-1060 - 1287 gal - Variable gal/in

DATE OF MANUFACTURE:

FILTER:

CC1: 999,851

ETM1: 163

CC2:

ETM2:

RECIRCULATION TANK:

DATE OF MANUFACTURE:

CC1:

ETM1:

CC2:

ETM2:

SEPTIC TANK ELEVATION: 4.04

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION: 4.58

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION:

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

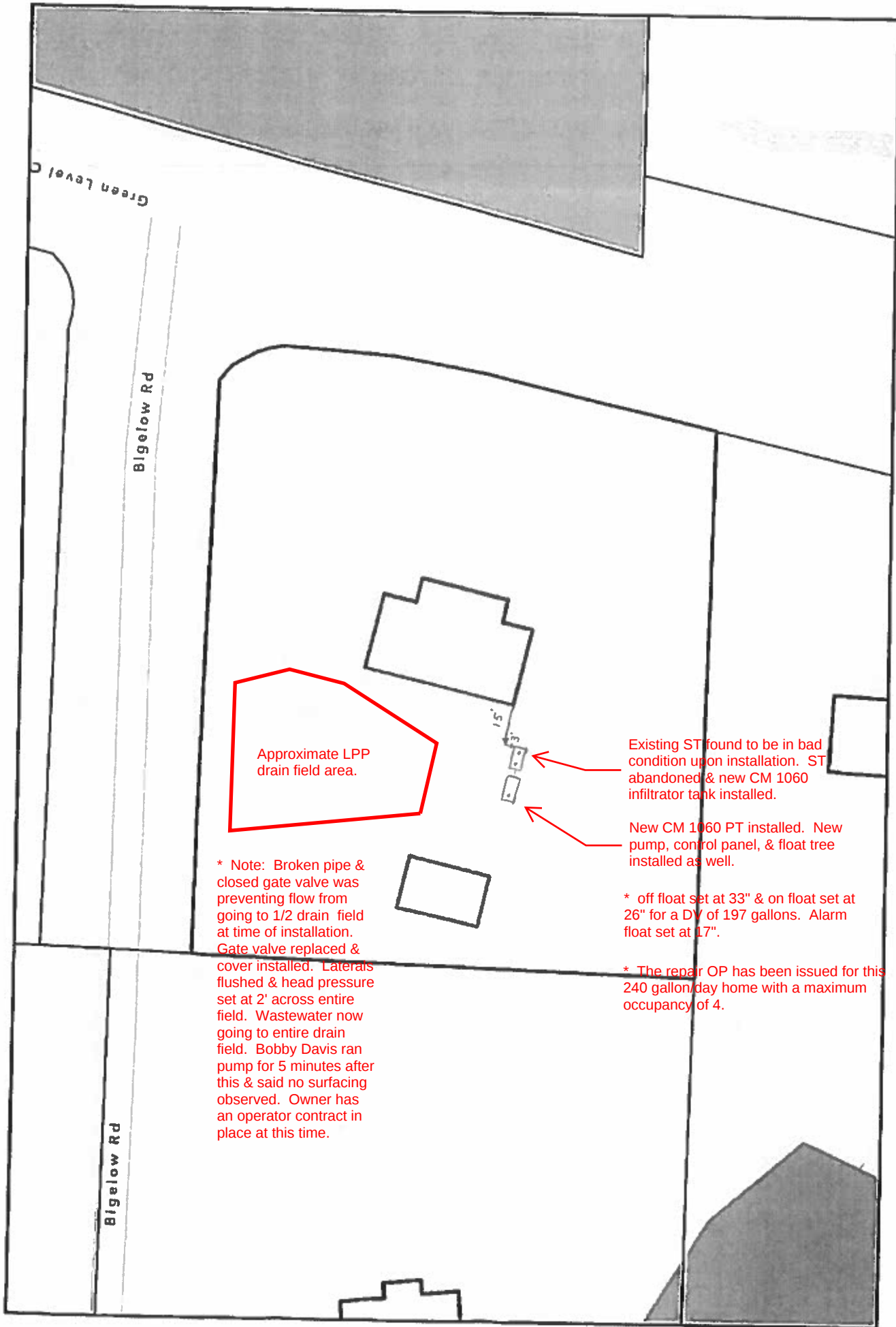
SPECIFIC OPERATION REQUIREMENTS:

ISSUED BY:

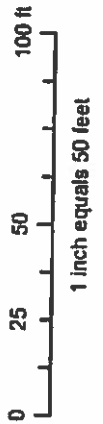


DATE: 10/19/2023

The OP permit has been issued for this 240 gallon/day residence with a maximum occupancy of 4. A new ST, PT, control panel, float tree, & floats have been installed. A broken pipe fixed & gate valve opened that has been shut. Wastewater now going to entire LPP drain field. The installer indicated that 2' of head pressure established across drain field & the pump ran for 5 minutes with no surfacing observed.



Disclaimer
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8909 Green Level Church Rd. Repair Site Plan

Approximate LPP drain field area.

* Note: Broken pipe & closed gate valve was preventing flow from going to 1/2 drain field at time of installation. Gate valve replaced & cover installed. Laterals flushed & head pressure set at 2' across entire field. Wastewater now going to entire drain field. Bobby Davis ran pump for 5 minutes after this & said no surfacing observed. Owner has an operator contract in place at this time.

Existing ST found to be in bad condition upon installation. ST abandoned & new CM 1060 infiltrator tank installed.

New CM 1060 PT installed. New pump, control panel, & float tree installed as well.

* off float set at 33" & on float set at 26" for a DV of 197 gallons. Alarm float set at 17".

* The repair OP has been issued for this 240 gallon/day home with a maximum occupancy of 4.

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INTENDED USE CHANGED***

CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WREP-111430-2023****APPLICATION DATE:** 10/03/2023**BLDG. PERMIT#:****PIN:** 0724943123**RECORDED:** Yes**TOWNSHIP:** 20 - White Oak**JURISDICTION:** Cary**ZONING:** R40**APPLICANT:** Kevin Holt8909 Green Level Church RD
Cary, NC 27519--9481**BUSINESS PHONE:****HOME PHONE:****MOBILE PHONE:** (919) 369-8460**HD USE:** 0001 REPAIR/EXISTING SYSTEM**EXISTING USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**SITE ADDRESS:** 8909 GREEN LEVEL CHURCH RD**SUBDIVISION:** BETTIE HILLIARD LAND**LOT:****ACRES:** 1.00**DIRECTIONS:** Hwy 64 W from Apex, TR Jenks Rd. TL Green Level Church Rd. Site on Lt. 8909 Green Level Church Rd.

Contractors shall install system on contour. See attached SITE PLAN for wastewater system design and well location. No underground utilities, water lines or sprinklers systems may be located in the original system, or permit areas. A septic tank filter with two risers for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and Operations Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrifications line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

CONSTRUCTION AUTHORIZATION PERMIT VALID FOR: Five Years**CONSTRUCTION AUTHORIZATION PERMIT: CA STATUS:** Issued**BY:** Travis Howard**DATE:** 10/03/2023**CA VALID FOR:** Five Years**DESIGN FLOW:** 240 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:** 0 GALLONS **EXISTING****DOSING PUMP TANK:** 1000 GALLONS**GREASE TRAP:****RECIRCULATION PUMP TANK:****SEPTIC TANK FILTER:****DOSING PUMP TANK FILTER:** No**GREASE TRAP FILTER:****RECIRCULATION PUMP TANK FILTER:****PROPOSED SYSTEM:** TANK - Septic/Pump Tank Replacement**EXISTING SYSTEM:** Yes**DRAINFIELD SQ. FT:****AGGREGATE DEPTH:****MAX. TRENCH DEPTH:****DISTRIBUTION DEVICE:** LPP - Low Pressure Pipe Dispersal**TRENCH #:****TRENCH LENGTH:****TRENCH WIDTH:****TOTAL TRENCH LENGTH:****CENTER SPACING:****MINIMUM SOIL COVER:****PRETREATMENT:****APPROVAL #:**

SUBFIELDS #:

PUMP DESIGN FLOW: 38.83

PUMP TDH:

ZONE VALVE: No

ASDMS REQUIRED: No

LINE OF CREDIT REQUIRED: No

OPERATOR REQUIRED: Yes

P.E. SIGN OFF/ASBUILT REQUIRED: No

TRIPARTY AGREEMENT REQUIRED: No

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

This 2 bedroom/240 gallon/day repair permit is for 8909 Green Level Church Rd. There is an existing LPP septic system that provides wastewater disposal for this home. The existing pump tank has collapsed and presents an immediate public health concern. This pump tank is to be properly abandoned and a new 1000 gallon pump tank shall be installed in the same general location. Continue to use the existing LPP drainfield, consisting of 8-60' laterals. This permit does not guarantee that the drainfield will continue to function as it should under normal use. A certified operator is required to be secured for the life of the system by homeowner. Proof of this operator contract will be required by Wake County Environmental Services prior to operations permit issuance.

A new control panel, float tree, and floats are to be installed. The pump shall be replaced if necessary. The original design parameters are as follows:

Design Head- 2' Design Dose Volume- 206 gallons Design Flow Rate-38.83 gallons/min.

Please contact me with questions, changes, or concerns prior to installation. TAH 919-369-5974

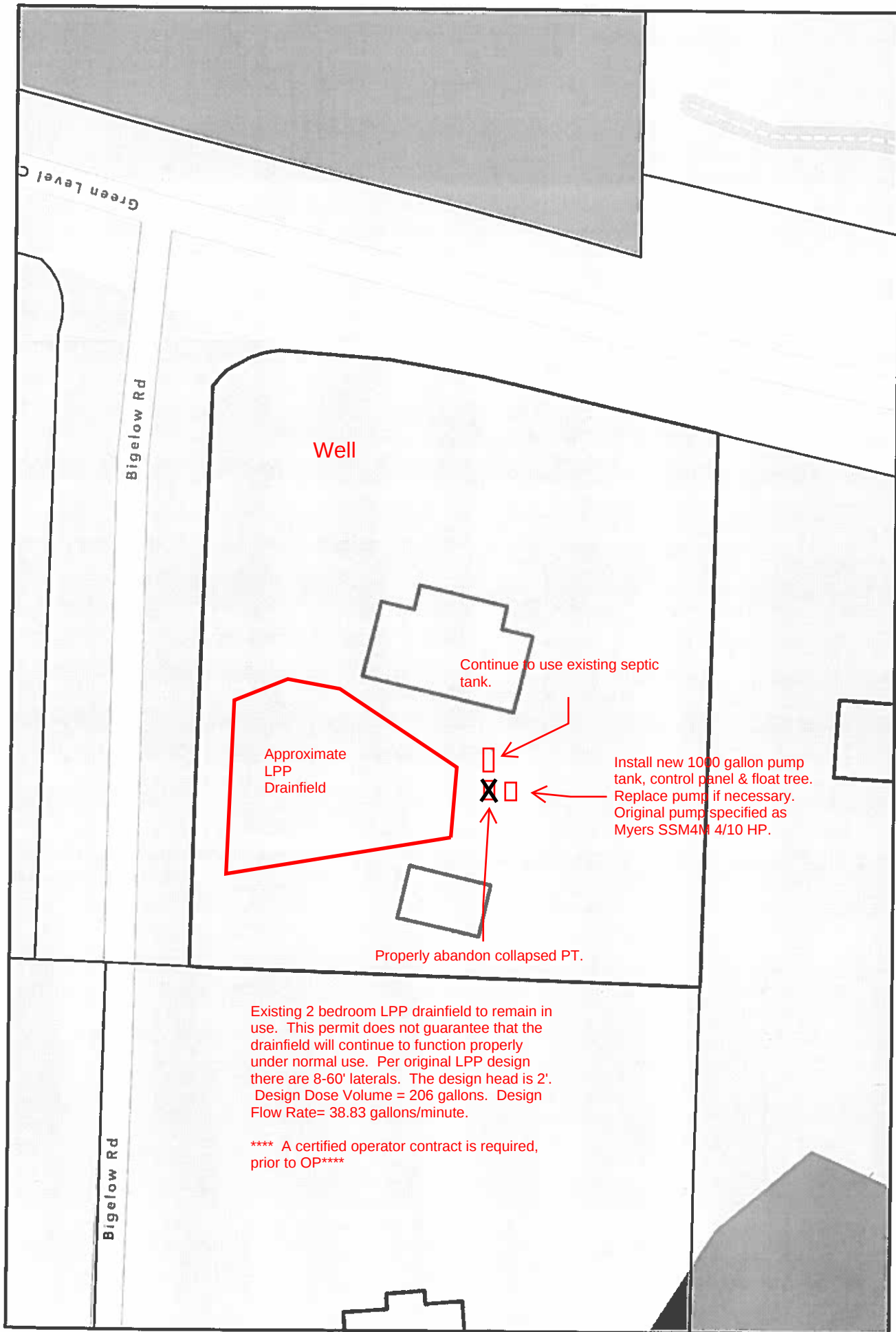
Have utilities marked prior to digging.

* Note: The condition of your on-site wastewater disposal system is in violation of section 15A NCAC 18A. 1961 (A)(1) as adopted by Wake County and you will have 30 days to have the septic malfunction abated.

Issued By:



Date: 10/03/2023



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8909 Green Level Church Rd. Repair Site Plan

Wake County Environmental Services Wastewater System Abandonment Procedure

To abandon a wastewater system location, follow these steps:

1. Apply for an Abandonment Permit. A site visit will be made and permit will be issued.
2. Have an approved hauler pump the liquid, sludge, and scum from all the tanks in the system.
3. The tank(s) should be abandoned by a Certified Septic Installer, licensed plumber, licensed public utilities contractor, or the owner of the property where the tank(s) is/are located. Three ways to abandon the tanks are listed below:

A. Remove the tanks

B. Fill in the tank in one of two ways:

1. Fill in entire tank with concrete. Must cap off inlet and outlet pipe penetrations first.
2. Cap off inlet and outlet pipe penetrations with concrete, fill in entire tank with sand or pea gravel, and then cap off both inlet and outlet access openings with concrete.

C. Crush tank in place. Break up bottom of tank so water does not pond on top. Fill in area with sand or pea gravel. Pack material to ensure settling complete.

4. Backfill the excavation with clean clay material to natural grade and establish a vegetative cover.
5. Disconnect power at the source to all electrical controls and remove all controls and panels.
6. Remove all parts of the drainfield on the ground surface (such as valves, valve boxes and risers), backfill the area to a natural grade and establish a vegetative cover.
7. Coat all surface areas exposed to effluent with hydrated lime and establish a vegetative cover.
8. Recommend to wait at least 18 months before using the disposal area for gardening or construction.

Financial Help

Wake County Environmental Services has identified several public or non-profit resources which may be available to help with septic repair for households that meet certain income guidelines. There may be other sources of funding available. While Wake County cannot guarantee any funding or help with processing applications, you are encouraged to check the website below for eligibility and contact the individual agencies for more information.

www.wakegov.com/Financial-Help