

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

CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WRP-037817-2020****APPLICATION DATE:** 05/12/2020**BLDG. PERMIT#:** RBPR-037818-2020**PIN:** 1767972750**RECORDED:** Yes**TOWNSHIP:** 09 - Little River**JURISDICTION:** Wake County**ZONING:** R-30**APPLICANT:** kerry decarlo**BUSINESS PHONE:** (919) 901-8877**HOME PHONE:** (919) 901-8877**MOBILE PHONE:** (919) 901-8877**HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 3912 MENDENHALL DR**SUBDIVISION:** Mendenhall**LOT:** 13**ACRES:** 1.22

DIRECTIONS: 401 N to Rolesville Rd. head east on Rolesville Rd. Left onto Mitchell Mill road. Site is approx 1.3 miles on right

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:** Andrew Thore**DATE:** 06/19/2020**CA VALID FOR:** Five Years**DESIGN FLOW:** 480 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:** 1200 GALLONS**SEPTIC TANK FILTER:** Yes**DOSING PUMP TANK:****DOSING PUMP TANK FILTER:****GREASE TRAP:****GREASE TRAP FILTER:****RECIRCULATION PUMP TANK:****RECIRCULATION PUMP TANK FILTER:****PROPOSED SYSTEM:** 0.25 - 25% Reduction (Innovative or Accepted)**EXISTING SYSTEM:** No**DRAINFIELD SQ. FT:** 1,200**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 32 INCHES**DISTRIBUTION DEVICE:** GP - Gravity Parallel**TRENCH #:** 4**TRENCH LENGTH:** 100 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 400 FEET**CENTER SPACING:** 9 FEET**MINIMUM SOIL COVER:** 6 INCHES

PRETREATMENT:
SUBFIELDS #:
PUMP TDH:

APPROVAL #:
PUMP DESIGN FLOW:
ZONE VALVE:

ASDMS REQUIRED:
P.E. SIGN OFF/ASBUILT REQUIRED:

LINE OF CREDIT REQUIRED:
TRIPARTY AGREEMENT REQUIRED:

OPERATOR REQUIRED:

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

- System designed for 4 bedroom home, having 480 gallons per day.
- Future repair is a IIA system with a maximum trench depth of 32 inches and a 0.3 LTAR.
- Site serviced by community well water.
- Any deviation from accepted design must be accepted by Central Carolina Soil Consulting, PLLC and Wake County ES prior to installation.
- Maintain all required setbacks.
- All property lines must be fully marked at time of installation or a reinspection is required.
- Contact Andrew Thore at 919-594-8528 with any questions prior to or during installation.

Issued By:

Andrew Thore

Date: 06/19/2020

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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:****PROPRIETARY SYSTEM:** IQ4 - Infiltrator Quick 4 Standard **PRETREATMENT SYSTEM:****SYSTEM TYPE INSTALLED:** II C**OPERATION PERMIT: STATUS:** Issued**ISSUED BY:** James Adcock**ISSUED DATE:** 10/22/2020**SEPTIC TANK:** Mitchell Concrete - STB-381 - 1250 gallons**DATE OF MANUFACTURE:** 07/16/2020 **FILTER:** Polylok - PL-68**GREASE TRAP:****DATE OF MANUFACTURE:****FILTER:****DOSING PUMP TANK:****DATE OF MANUFACTURE:****FILTER:****CC1:****ETM1:****CC2:****ETM2:****RECIRCULATION TANK:****DATE OF MANUFACTURE:****CC1:****ETM1:****CC2:****ETM2:****SEPTIC TANK ELEVATION:** 3.10**GREASE TRAP ELEVATION:****DOSING PUMP TANK ELEVATION:**

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 6

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
32	12	100	5.92
32	12	100	7
32	12	100	7.92
32	12	100	9.33

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME:

SPECIFIC OPERATION REQUIREMENTS:

System is for 4 bedroom home at 480 gpd.

ISSUED BY:



DATE: 10/22/2020

