HTE# 5CD 1910-0025 (AC)

Harnett County Department of Public Health

No. 26258

PERMIT # NA

Operation Permit

SR 1412

☒ New Installation ☒ Septic Tank ☒ Nitrification Line ☐ Repair ☐ Expansion

PROPERTY LOCATION: 98 ALLWOOD DR. (CHRISTIANSLY RD)

Name: (owner) KB HOMES CAROLINAS SUBDIVISION MASON POINTE PH 2 LOT # 9

System Installer: THORNTONS PLUMBING Registration # _____

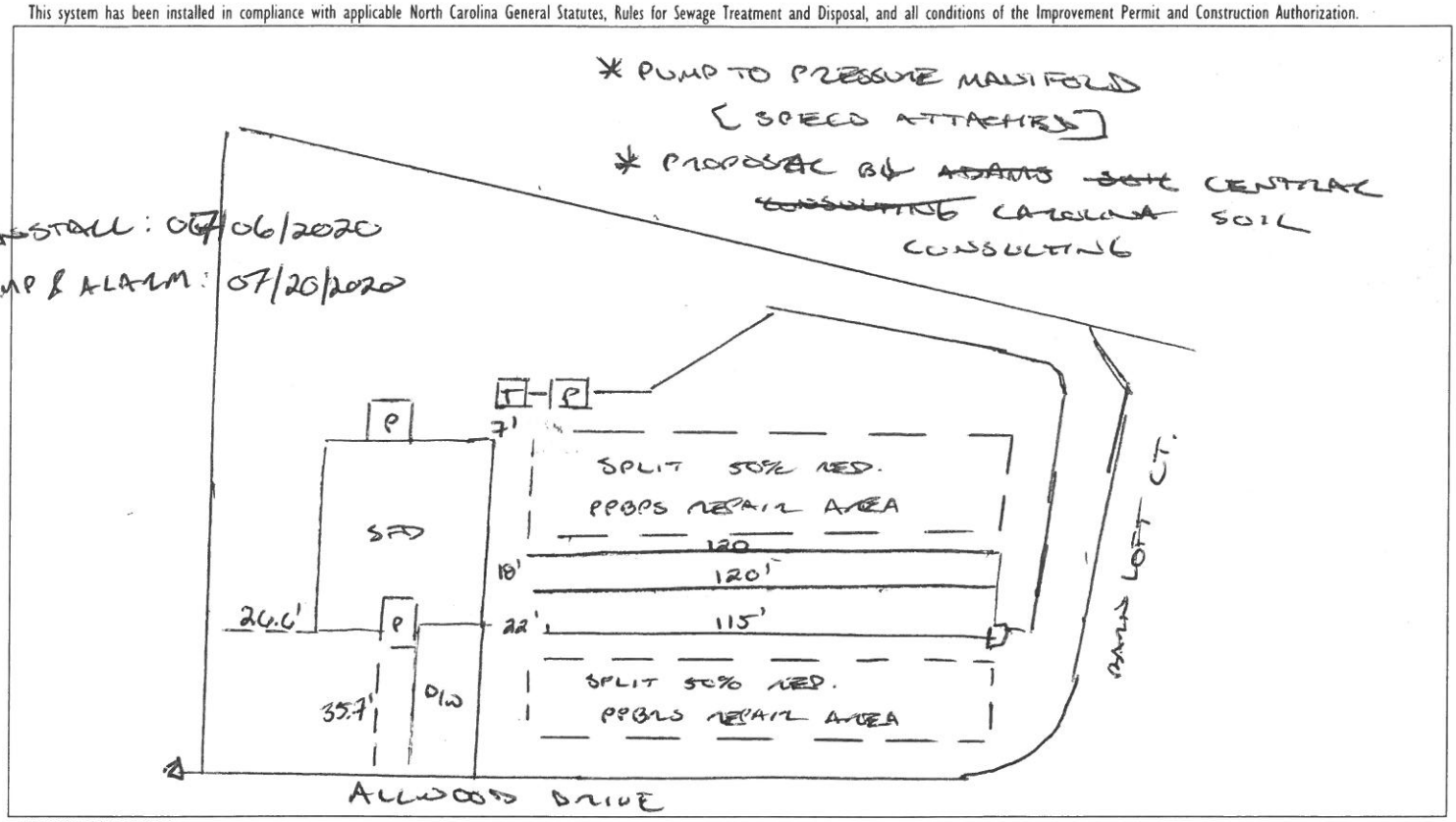
Basement with plumbing: ☐ Garage ☒ Number of Bedrooms 4

Type of Water Supply: ☐ Community ☒ Public ☐ Well Distance from well NA feet

System Type: 25% REDUCTION SYS. III B Types V and VI Systems expire in 5 years.

(In accordance with Table V a) Owner must contact Health Department 6 months prior to expiration for permit renewal.

This system has been installed in compliance with applicable North Carolina General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.



PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with Rule .1961.

II. Monitoring: As required by Rule .1961.

III. Maintenance: As required by Rule .1961. Other: _____

Subsurface system operator required? Yes ☐ No ☐

If yes, see attached sheet for additional operation conditions, maintenance and reporting.

IV. Operation: _____

V. Other: _____

☐ _____ D-Box ☐ _____ Pump ☐ _____ Alarm ☐ _____ H2OLine ☐ _____ PWR Line

Following are the specifications for the sewage disposal system on the above captioned property.

Type of system: ☐ Conventional ☒ Other RET FLOW III B Septic Tank: 1000 gallons Pump Tank: 1000 gallons

Subsurface Drainage Field: No. of ditches 3; exact length of each ditch 115', 120', 120' feet; width of ditches 3 feet; depth of ditches 24 inches

French Drain Required: _____ Linear feet

Authorized State Agent _____ Date 07/20/2020

Masons Pointe S/D, Lot 9
TAP CHART

Bench Mark		is = 100.00	Location of BM					**Elevation Head**	4.50
Pump tank elev.			100.00	**Pump elev.**	94.60		**Manifold elev.**		99.10
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**
3	Pink	1.90	98.10	115	3/4in SCH 80	10.1	160.00	345	0.4638
4	Blue	2.20	97.80	120	3/4in SCH 80	10.1	160.00	360	0.4444
5	Orange	2.60	97.40	120	3/4in SCH 80	10.1	160.00	360	0.4444

	total	**feet =**	**355**	**gal/min =**	**30.3**	**LTAR =**	**0.3500**
						LTAR + %5	**0.3675**
% of Dose Vol.	75		**Des. Flow**	**480**		**(ltar W/ INOV)**	0.4667
Dose Volume	173.06		**Pump Run=**	15.84		**(ltar W/ INOV + 5%**	0.4900
Dose Pump Time	5.71		**Tank Gal/IN**	19.65			
Drawdown in Inches	8.81						

Masons Pointe S/D, Lot 9
Repair TAP CHART

Bench Mark		is = 100.00	Location of BM					**Elevation Head**	5.30
Pump tank elev.			100.00	**Pump elev.**	94.60		**Manifold elev.**		99.90
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**
1	Red	1.10	98.90	60	1/2in SCH 40	7.11	85.53	180	0.4752
2	Purple	1.30	98.70	95	3/4in SCH 80	10.1	121.50	285	0.4263
6	Red	3.10	96.90	85	3/4in SCH 80	10.1	121.50	255	0.4765
7	Purple	3.50	96.50	60	1/2in SCH 40	7.11	85.53	180	0.4752
8	Pink	4.10	95.90	35	1/2in SCH 80	5.48	65.92	105	0.6279

	total	**feet =**	**335**	**gal/min =**	**39.9**	**LTAR =**	**0.3500**
						LTAR + %5	**0.3675**
% of Dose Vol.	75		**Des. Flow**	**480**		**(ltar W/ INOV)**	0.7000
Dose Volume	163.31		**Pump Run=**	12.03		**(ltar W/ INOV + 5%**	0.7350
Dose Pump Time	4.09		**Tank Gal/IN**	19.65			
Drawdown in Inches	8.31						