HTE# 500 1910 COST Harnett County Department of Public Health

No. 26258

Operation Permit

52 1412

operation remit	20.3.2
🗅 New Installation 😂 Septic Tank 🗟 Nitrification Line 🗆	Repair Expansion
PROPERTY LOCATION: 98 ALLIEDOS DR. (CHI	LISTANS LT TO
Name: (owner) KB HOMES CALOLINAS SUBDIVISION MASON PONTE PH 2	10T # 9
System Installer: This rouse Planes, St. Registration #	
Basement with plumbing: Garage Number of Bedrooms 4	
Type of Water Supply: Community Public Well Distance from well feet	
System Type: 25% ASSISTIONS 575. THE 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	t ranawal
(iii accordance with rable 1 a)	, Tellewal.
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 Con	nstruction Authorization.
* 2000 70 20 200	. 32
The state of the s	
(SCECS ATTACHES)	Ð
CONSULTING CONSULTING CONSULTING CONSULTING CONSULTING CONSULTING	ENTERNA
CONTINUE CARRIED .	SOIL
CUNSULTING	
MP & ALAM : 07/20/2020	er = 100 (100 ft)
	*
- F-18-	
[6] 31	
SPLIT SOFE NED.	
PPBPS NEALL ANEA	
500	
24.6' P 22' 115'	
24.6' [8] 22', 115'	
1571 010 SPLIT 50% NED.	
35.7 100 1 PPBLS NEVAIL ANDEA	
ALLOSS BRUT	
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 □ H20Line □ _	PWR Line
Following are the specifications for the sewage disposal system on the above captioned property.	
Type of system: Conventional Other E2 FLOW TITES Septic Tank: 1000 gallons Pump Tanl	-
Subsurface No. of exact length 115, 120, width of depth of	
Drainage Field ditches 3 of each ditch 120 feet ditches 3 feet ditches	24 inches
French Drain Required: Linear feet	
Authorized State Agent Date 07/20/6	2020
the second of th	

Masons Pointe S/D, Lot 9 TAP CHART

E	Bench Mark	(is = 100.00	Location of	FBM				Elevation Head	4.50
F	oump tank e	elev.		100.00	Pump elev.	94.60		Manifold elev	<i>i</i> .	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		(Itar W/ INOV)	0.4667
Dose Volume	173.06		Pump Run=	15.84		(Itar 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

is = 100.00	Location of	f BM				Elevation Head	5.30
	100.00	Pump elev.	94.60		Manifold el	ev.	99.90
rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1.10	98.90	60	1/2in SCH 40	7.11	85.53	180	0.4752
1.30	98.70	95	3/4in SCH 80	10.1	121.50	285	0.4263
3.10	96.90	85	3/4in SCH 80	10.1	121.50	255	0.4765
3.50	96.50	60	1/2in SCH 40	7.11	85.53	180	0.4752
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
75		Des. Flow	480			(Itar W/ INOV)	0.7000
163.31		Pump Run=	12.03			(Itar W/ INOV + 5%	0.7350
4.09		Tank Gal/IN	19.65				
8.31							
	rod read 1.10 1.30 3.10 3.50 4.10 total 75 163.31 4.09	rod read Elevation 1.10 98.90 1.30 98.70 3.10 96.90 3.50 96.50 4.10 95.90 total feet = 75 163.31 4.09	is = 100.00 Location of BM rod read Elevation Pump elev. 1.10 98.90 60 1.30 98.70 95 3.10 96.90 85 3.50 96.50 60 4.10 95.90 35 total feet = 335 75 Des. Flow 163.31 Pump Run= 4.09 Tank Gal/IN	is = 100.00 Location of BM 100.00 Pump elev. 94.60 rod read Elevation length hole size 1.10 98.90 60 1/2in SCH 40 1.30 98.70 95 3/4in SCH 80 3.10 96.90 85 3/4in SCH 80 3.50 96.50 60 1/2in SCH 40 4.10 95.90 35 1/2in SCH 80 total feet = 335 gal/min = 75 Des. Flow 480 163.31 Pump Run= 12.03 14.09 Tank Gal/IN 19.65	is = 100.00 Location of BM	is = 100.00 Location of BM 100.00 Pump elev. 94.60 Manifold elements 1.10 98.90 60 1/2in SCH 40 7.11 85.53 1.30 98.70 95 3/4in SCH 80 10.1 121.50 3.10 96.90 85 3/4in SCH 80 10.1 121.50 3.50 96.50 60 1/2in SCH 40 7.11 85.53 4.10 95.90 35 1/2in SCH 80 5.48 65.92 total feet = 335 gal/min = 39.9 75 Des. Flow 480 163.31 Pump Run 12.03 4.09 Tank Gal/IN 19.65	Indeed