



System: - - - - -
 Repair: —————

- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicate.
- *No grading septic area.

GRAPHIC SCALE
 1" = 50'



System: Pressure Manifold
 Lines: 1-4, (360')
 Accepted Status System
 0.35 Soil LTAR
 24" Trench Bottom

Repair: Pressure Manifold
 Lines: 5-7, (245')
 0.35 Soil LTAR
 T&J Panel 50% Reduction



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4-Bedroom Septic Layout
 Lot 19, Masons Pointe Subdivision
 Harnett County, North Carolina

| |
|-------------------|
| Job# : 2031 |
| Drawn By : AH |
| Date : 11/12/2019 |
| Revision: |
| |
| |

**Masons Pointe S/D, Lot 19
TAP CHART**

| | | | | | | | | | | |
|---------------------------|--------------|--------------------|-------------------|---------------|------------------|-----------------------|----------------|----------------------------|-----------------------|------|
| Bench Mark | is = 100.00 | | Location of BM | | | | | | Elevation Head | 3.60 |
| Pump tank elev. | 100.00 | | Pump elev. | 94.60 | | Manifold elev. | | | 98.20 | |
| line | color | rod read | Elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR | |
| 1 | Orange | 2.80 | 97.20 | 90 | 3/4in SCH 80 | 10.1 | 120.00 | 270 | 0.4444 | |
| 2 | Blue | 3.30 | 96.70 | 90 | 3/4in SCH 80 | 10.1 | 120.00 | 270 | 0.4444 | |
| 3 | Pink | 3.80 | 96.20 | 90 | 3/4in SCH 80 | 10.1 | 120.00 | 270 | 0.4444 | |
| 4 | Purple | 4.30 | 95.70 | 90 | 3/4in SCH 80 | 10.1 | 120.00 | 270 | 0.4444 | |
| | | total | feet = | 360 | gal/min = | 40.4 | | LTAR = | 0.3500 | |
| | | | | | | | | LTAR + %5 | 0.3675 | |
| % of Dose Vol. | 75 | Des. Flow | | 480 | | | | (ltar W/ INOV) | 0.4667 | |
| Dose Volume | 175.50 | Pump Run= | | 11.88 | | | | (ltar W/ INOV + 5%) | 0.4900 | |
| Dose Pump Time | 4.34 | Tank Gal/IN | | 19.65 | | | | | | |
| Drawdown in Inches | 8.93 | | | | | | | | | |

**Masons Pointe S/D, Lot 19
Repair TAP CHART**

| | | | | | | | | | | |
|---------------------------|--------------|--------------------|-------------------|---------------|------------------|-----------------------|----------------|----------------------------|-----------------------|------|
| Bench Mark | is = 100.00 | | Location of BM | | | | | | Elevation Head | 1.80 |
| Pump tank elev. | 100.00 | | Pump elev. | 94.60 | | Manifold elev. | | | 96.40 | |
| line | color | rod read | Elevation | length | hole size | flow/tap | gal/day | trench area | LINE LTAR | |
| 5 | Yellow | 4.60 | 95.40 | 90 | 3/4in SCH 80 | 10.1 | 177.52 | 270 | 0.6575 | |
| 6 | Red | 5.30 | 94.70 | 90 | 3/4in SCH 80 | 10.1 | 177.52 | 270 | 0.6575 | |
| 7 | Blue | 5.70 | 94.30 | 65 | 1/2in SCH 40 | 7.11 | 124.97 | 195 | 0.6408 | |
| | | total | feet = | 245 | gal/min = | 27.31 | | LTAR = | 0.3500 | |
| | | | | | | | | LTAR + %5 | 0.3675 | |
| % of Dose Vol. | 75 | Des. Flow | | 480 | | | | (ltar W/ INOV) | 0.7000 | |
| Dose Volume | 119.44 | Pump Run= | | 17.58 | | | | (ltar W/ INOV + 5%) | 0.7350 | |
| Dose Pump Time | 4.37 | Tank Gal/IN | | 19.65 | | | | | | |
| Drawdown in Inches | 6.08 | | | | | | | | | |