| | Page 1 of |
|----------------|---------------|
| PROPERTY ID #: | SFD 2502-0058 |
| | Harnett |

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full)

| P R O SOIL MORPHOLOGY OTHER PROFILE FACTORS | OWNE | R: DRB | Homes | | (companie | | | DA7 | TE EVALU | ATED: | |
|--|-------------|------------------------|------------|------------------|-----------------|--------------------|--------|--------|---|---------------|----------------|
| WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW SOIL MORPHOLOGY OTHER PROFILE FACTORS SOIL 0.502 LANDSCAPE POSTITON STRUCTURE/ TEXTURE MINERALOGY COLOR DEPTH CLASS HORIZ & LTAR* 1 | PROP | OSED FACILITY | | PR | OPOSED DESIGN I | FLOW (.0400): | 360 | | | | |
| SOIL MORPHOLOGY SOIL MORPHOLOGY OTHER PROFILE FACTORS Soil Soil Soil Soil Soil Soil Soil Soil | | | Public Sir | ngle Family Well | Shared Well | Spring Oth | er | | | | |
| SOIL MORPHOLOGY SOIL MORPHOLOGY OTHER PROFILE FACTORS OS03 OS04 SOIL OS05 SOIL OS06 SOIL OS07 PROFILE CLASS CORE CLASS COLOR CLASS COL | EVAL | UATION METH | OD: Auge | er Boring Pit | Cut TY | PE OF WASTE | WATER: | Domest | ic High | Strength | IPWW |
| 1 | R O F | | | SOIL MORPHOLOGY | | OTHER PROFILE FACT | | | ORS | | |
| 1 15.40 Sel, SER Fe, SS, NPSE 7/1=40" 48" 1 4 | L E | LANDSCAPE POSITION/ | DEPTH | STRUCTURE/ | CONSISTENCE/ | SOIL WETNESS/ | SOIL | SAPRO | RESTR | PROFILE CLASS | SLOPE CORRE |
| 1 4 40.48 CL, MSbK 21/. 0.26 SL, 3' 26.48 SCL, SBK Fr, NS, NP, SE 21/. 0.15 SL, 1' 15 15.30 SCL, SBK Fr, SS, NP, SE 7.54R 7.754R 7.11.30" 488' 3.35 | | | 0-13 | SL, g' | | 7 2.11 | | | | | |
| 1 4 40.48 CL, WSbK 21. 0.26 SL, 31 26.48 SCL, SBK Fr, NS, NP, SE 21. 0.15 SL, 11 15.30 SCL, SBK Fr, SS, NP, SE 7.54R 71.3011 488 3.35 | | 15 | 15-40 | Sec, SER | Fr, SS, NPSE | 7/1= 40" | 484 | | PROPERTY SIZE: PROPERTY RECORI WATER SUPPLY SE Domestic High Stre FACTORS .0506 .0507 PI SAPRO RESTR CLASS HORIZ & | .35 | |
| 2 2% 0.26 SL, 36 Fr, NS, NP, SE 75, 2011 48' 2 15 15.30 SCL, SBN Fr, SS, NP, SE 711.2011 48' 35 | 1 | 1 | 40-48 | CL, WKXK | , , ,, | 1 | | | | | |
| 2 26-48 SCL, SBK Fr, NS, NP, SE 26-48 SCL, SBK Fr, NS, NP, SE 21/2 21 | 4 | | | | | | 3 | | | | |
| 2 26.48 SCL, SBK Fr, NS, NP, SE 26.48 SCL, SBK Fr, NS, NP, SE 21/2 21/2 21/2 25 | | | 0-26 | 54,31 | | | ,(| | 1 | | |
| 13.30 30 30 181,35, N/, St 7/1.201 710 | 2 | 4.5 | | | Fr, NS, Np, SE | | 48' | | | .4 | |
| 13.30 30 30 181,35, N/, St 7/1.201 710 | | | | | | | | | | | |
| 13.30 30 30 181,35, N/, St 7/1.201 710 | | 21/2 | | 1) | C 40 10 10 | 7.5/R | uig' | | | 35 | 124 |
| 4 | 3 | | | 11 11 11 11 | 11, 55, My, SE | 7/1:30 | 710 | | | | |
| 4 | | | 30-42 | 1647 301 | | | | | | | |
| 4 | | | | | | | | | | | 拉塞 |
| 4 | | | | | | | | | | 8 | - 12 Sept |
| | | | | | | ,* | | | | - 1 | |
| | 4 | | | | | | | | | | |
| | | | | | | * | | | | | |
| | _ | | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM | |
|-------------------------|----------------|---------------|--------------------------------|
| Available Space (.0508) | | / | SITE CLASSIFICATION (.0509): 5 |
| System Type(s) | 25% Res | 25% Red | EVALUATED BY: LL |
| Site LTAR | , 35 | 135 | OTHER(S) PRESENT: |
| Maximum Trench Depth | 18" | 18" | |
| Comments: | | | |

Comments:

LEGEND

| LANDSCAPE POSITION | SOIL GROUP | SOIL TEXTURE | CONVENTIONAL LTAR (gpd/ft²) | SAPROLITE LTAR (gpd/ft²) | LPP LTAR (gpd/ft²) | MINERALOGY/ CONSISTENCE | | STRUCTURE | |
|--------------------|---------------|-----------------------------|--------------------------------|-----------------------------|-----------------------|----------------------------|----------------------------|----------------------------|--|
| CC (Concave slope) | | S (Sand) | | 0.6 - 0.8 | | MOIST | WET | SG (Single grain) | |
| CV (Convex Slope) | ' | LS (Loamy sand) | 0.8 - 1.2 | 0.5 -0.7 | 0.4 -0.6 | Lo (Loose) | NS (Non-sticky) | M (Massive) | |
| D (Drainage way) | 11 | SL (Sandy loam) | 0.6 - 0.8 | 0.4 -0.6 | 0.3 - 0.4 | VFR (Very friable) | SS (Slightly sticky) | GR (Granular) | |
| FP (Flood plain) | | L (Loam) | | 0.2 - 0.4 | | FR (Friable) | S (Sticky) | SBK (Subangular blocky) | |
| FS (Foot slope) | III | SiL (Silt loam) | | 0.1 - 0.3 | | FI (Firm) | VS (Very sticky) | ABK (Angular blocky) | |
| H (Head slope) | | SCL (Sandy clay loam) | 0.3 - 0.6 | 0.05 - 0.15** | 0.15 - 0.3 | VFI (Very firm) | NP (Non-plastic) | PR (Prismatic) | |
| L (Linear Slope) | | CL (Clay loam) | | | | EFI (Extremely firm) | SP (Slightly plastic) | PL (Platy) | |
| N (Nose slope) | | SiCL (Silty clay loam) | | | | | P (Plastic) | | |
| R (Ridge/summit) | | Si (Silt) | | None | | 2 | VP (Very plastic) | | |
| S (Shoulder slope) | | SC (Sandy clay) | | | 0.05 - 0.2 | SEXP (Slightly expansive) | | X 4 | |
| T (Terrace) | IV | SiC (Silty clay) | 0.1 - 0.4 | | | EXP (Expansive) | | | |
| TS (Toe Slope) | | C (Clay) | | | | | | - | |
| | | O (Organic) | None | | | | | | |

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits. SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

CLASSIFICATIONS (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North). SEP 3.36 3

^{*} Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.