APPROVED MAR 2 6 2015

Sheet:
Property ID:
Lot #: 15
File #:
App ID:

# CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address: 11605 N. Community House DR, Charlotte NC 28277
Applicant: Same
Date Evaluated: 7/17/14
Proposed Facility: 5BR House
Design Flow (.1949): 600gpd
Property Size: < 1.0 ACRE
Location of Site: Bells Crossing Subdivision
Property Recorded:
Water Supply: [X] Public [ ] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

| PROFILE # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 Structure/ Texture | SOIL MORPHOLOGY .1941 Consistence Mineralogy | b PROFILE FACTORS .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1955 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Ridge A | 0-3" | GR SL | FR NS NP | 10 4R 4/3 | | | | |
| | Bt | 3-30" | SBK C | FI SS SP | 2.5 4R 4/6 | | | | PS 0.3 |
| | BC | 30-44" | MASSIVE SBK SCL | FR SS SP | 2.5 4R 5/8 10 4R 6/8 | 15% Relic | S | | PS 0.3 |
| | C | 44-50" | SG SL | FR NS NP | 2.5 4R 6/8 10 4R 6/8 | 15% Relic | | | 0.40 |
| 2 | R A | 0-8" | GR SL | FR NS NP | 10 4R 4/3 | | | | |
| | Bt1 | 8-30" | SBK clay | FI SS SP | 2.5 4R 4/6 | | | | PS 0.3 |
| | Bt2 | 30-48" | SBK Clay | FI SS SP | 2.5 4R 4/6 10 4R 6/8 | 5% | | | PS 0.3 |
| ✓3 | R A | 0-6" | GR SL | FR NS NP | 10 4R 4/3 | | | | |
| | Bt | 6-48" | SBK C | FI SS SP | 2.5 4R 4/6 10 4R 6/6 mott relic | 5% | | | PS 0.3 |
| ✓4 | R A | 0-5" | GR SL | FR NS NP | 10 4R 4/3 | | | | |
| | Bt | 5-50" | SBK C | FI SS SP | 2.5 4R 4/6 7.5 4R 6/8 mott relic | 15% | | | PS 0.3 |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | Yes | Yes |
| System Type(s) | Accepted | Accepted |
| Site LTAR | 0.3 | 0.3 |

Other Factors (.1946):
Soil Evaluation By: Jason Hall Steve Price
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

LICENSED SOIL SCIENTIST JASON M. HALL 1248 STATE OF NORTH CAROLINA

Note: Pits 1 & 3 have some compaction 0-7" from the surface. Install system below compaction.