Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: 4659-05-3123
Lot #: 190
File #: 160769
AppID:

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

Owner: Robert Merkel
Address: 128 Regatta Ln 28115
Proposed Facility: SFR Design Flow (.1949) 360 GPD
Location of Site: Windward Point Lot 190
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Same
Date Evaluated: 5/14/2010
Property Size: .6 Acres
Property Recorded: Yes

| PROFILE # | .1940 Landscape Position/ Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 .1941 Structure/ Texture | .1941 Consistence Mineralogy | b PROFILE FACTORS .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| AB | TOE | 0-15 | SCL,M,SBK | SS,SP,SEXP,VFR | LIGHT BROWN | | | | |
| #1 | 8% | 15-20 | SC,M,SBK | SS,SP,SEXP,FR | NA | | | | |
| | | 20-23 | SC,M,SBK | STICKEY,FR | FEW LOW CH. | | | | |
| | | 23+ | SC,M,SBK | STICKEY,EXP | MANY 2.5Y 6/1 | 23+ | NA | 23" | U |
| | | | | | | | | | |
| AB | LINEAR | 0-17 | SCL,M,SBK | SS,SP,SEXP,FR | NA | | | | |
| #2 | 6% | 17-27 | SC,M,SBK | SS,SP,SEXP,FIRM | Y/BR | | | | |
| | | 27-42 | SCL,W,SBK | SS,SP,SEXP,FR | MANY MANG | | | | |
| | | 42+ | SC,W | STICKEY,FR | MANY SAP,7.5YR 7/1 | 42+ | NA | 42" | .15/.2 |
| | | | | | | | | | |
| AB | LINEAR | 0-48 | C,M,SBK/ABK | SS,SP,SEXP,FR | FEW Y/B | | | | |
| #7 | 3% | 48-50 | SC,M,SBK | SS,SP,SEXP,VFR | FEW Y/B | | | | |
| | | 50-54 | C,M,ABK | STICKEY,FIRM | NA | 54" | NA | 50" | .25 |
| | | | | | | | | | |
| AB | LINEAR | 0-17 | SC,M,SBK | SS,SP,SEXP,FR | NA | | | | |
| #8 | 3% | 17-28 | SCL,M,SBK | SS,SP,SEXP,FR | NA | | | | |
| | | 28-32 | SCSAP,MASS | STICKEY,FR | COMMON GLEY 2 8/5PB | 28" | U | 28" | U |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | U | U |
| System Type(s) | NA | NA |
| Site LTAR | .15/.2 | .15/.2 |

Other Factors (.1946): Complex Topography
Soil Evaluation By: Ben Aldridge
Others Present: None
Site Classification (.1948): U
Site Evaluation By: Ben Aldridge
Others Present: None