

Lot 4

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

Owner: *New Homes* Applicant: \_\_\_\_\_  
 Address: *71 Durcan, Cranh* Date Evaluated: *5-10-23*  
 Proposed Facility: *SFD* Design Flow (.1949): *360 GPD* Property Size: \_\_\_\_\_  
 Location of Site: \_\_\_\_\_ Property Recorded: \_\_\_\_\_  
 Water Supply:  Public  Individual  Well  Spring  Other  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process  Mixed

| P<br>R<br>O<br>F<br>I<br>L<br>E<br># | .1940<br>Landscape<br>Position/<br>Slope % | Horizon<br>Depth<br>(In.) | SOIL MORPHOLOGY<br>.1941       |                                    | OTHER<br>PROFILE FACTORS           |                              |                         |                         | Profile<br>Class<br>& LTAR |
|--------------------------------------|--|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|-------------------------|-------------------------|----------------------------|
|                                      |  |                           | .1941<br>Structure/<br>Texture | .1941<br>Consistence<br>Mineralogy | .1942<br>Soil<br>Wetness/<br>Color | .1943<br>Soil<br>Depth (IN.) | .1956<br>Sapro<br>Class | .1944<br>Restr<br>Horiz |                            |
|                                      | <i>L: SS<br/>3%</i>                        | <i>0-14</i>               | <i>G/BL</i>                    | <i>VF, MS, MP, SEP</i>             |                                    |                              |                         |                         |                            |
| <i>PIT</i>                           |  | <i>14-30</i>              | <i>G/LS</i>                    | <i>VF, MS, MP, SEP</i>             |                                    |                              |                         |                         | <i>Group<br/>III</i>       |
|                                      |  | <i>30-45</i>              | <i>SBL-AB/C</i>                | <i>F, SS, SP, SEP</i>              |                                    |                              |                         |                         |                            |
|                                      |  | <i>45</i>                 | <i>SBL-AB/C</i>                | <i>F, SS, SP, SEP</i>              | <i>10 yr 1/2</i>                   | <i>45"</i>                   | <i>-</i>                | <i>-</i>                | <i>PS<br/>0-4 3B+B</i>     |

|                         |                                     |                                     |  |
|-------------------------|-------------------------------------|-------------------------------------|--|
| Description             | Initial System                      | Repair System                       | Other Factors (.1946):                 |
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Site Classification (.1948): <i>PS</i> |
| System Type(s)          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Evaluated By: <i>M. L. REHS</i>        |
| Site LTAR               | <i>.4</i>                           | <i>.4</i>                           | Others Present: <i>A.T</i>             |

COMMENTS: \_\_\_\_\_

| LANDSCAPE POSITIONS | GROUP | TEXTURES                | .1955 LTAR | CONSISTENCE MOIST                              | WET  |
|---------------------|-------|-------------------------|------------|--|--|
| R-RIDGE             | I     | S-SAND                  | 1.2 - 0.8  | VFR-VERY FRIABLE<br>FR-FRIABLE                 | NS-NON-STICKY<br>SS-SLIGHTLY STICKY                                |
| S-SHOULDER SLOPE    |       | LS-LOAMY SAND           |            |  |  |
| L-LINEAR SLOPE      | II    | SL-SANDY LOAM           | 0.8 - 0.6  | FI-FIRM<br>VFI-VERY FIRM<br>EFI-EXTREMELY FIRM | S-STICKY<br>VS-VERY STICKY<br>NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY |
| FS-FOOT SLOPE       |       | L-LOAM                  |            |  |  |
| N-NOSE SLOPE        | III   | SI-SILT                 | 0.6 - 0.3  |  | P-PLASTIC<br>VP-VERY PLASTIC                                       |
| H-HEAD SLOPE        |       | SIL-SILT LOAM           |            |  |  |
| CC-CONCLAVE SLOPE   |       | CL-CLAY LOAM            |            |  |  |
| CV-CONVEX SLOPE     |       | SCL-SANDY CLAY LOAM     |            |  |  |
| T-TERRACE           | IV    | SIC-SILTY CLAY          | 0.4 - 0.1  |  |  |
| FP-FLOOD PLAN       |       | C-CLAY<br>SC-SANDY CLAY |            |  |  |

STRUCTURE

- SG-SINGLE GRAIN
- M- MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)

