

SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM

Owner: _____ Applicant: *DASBment*
 Address: _____
 Proposed Facility: *SFD*
 Location of Site: _____
 Water Supply: _____
 Evaluation Method: _____
 Type of Wastewater: _____

Date Evaluated: *3-21-22-24-11*
 Design Flow (.1949): *360*
 Property Recorded:

- Public Individual Well Spring Other
 Auger Boring Pit Cut
 Sewage Industrial Process Mixed

Property Size: _____

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (in.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz.	
1	<i>L 2%</i>	<i>0-9</i>	<i>SL</i>	<i>FR G L N S N P</i>					
		<i>9-42</i>	<i>SC-CLAY</i>	<i>FR 15% S.P.</i>	<i>46' 42" 7.5%</i>				<i>.3</i>
2	<i>L 2%</i>	<i>0-7</i>	<i>SL</i>	<i>FR G L N S N P</i>					
		<i>7-38</i>	<i>SC-CLAY</i>	<i>FR 15% S.P.</i>	<i>36-38 7.5%</i>				<i>.3</i>
3	<i>L 8%</i>	<i>0-7</i>	<i>SL</i>	<i>FR G L N S N P</i>					
		<i>7-42</i>	<i>SC</i>	<i>FR 15% S.P.</i>	<i>42" 7.5%</i>				<i>.35</i>
4	<i>L 5%</i>	<i>0-8</i>	<i>SL</i>	<i>FR G L N S N P</i>					
		<i>8-42</i>	<i>SC</i>	<i>FR 15% S.P.</i>	<i>42" 7.5%</i>				<i>.35</i>
5	<i>L 5%</i>	<i>0-15</i>	<i>SL</i>	<i>FR G L N S N P</i>					
		<i>15-30</i>	<i>SC-CLAY</i>	<i>FR 15% S.P.</i>	<i>36" 7.5%</i>				<i>.3</i>
6-7	<i>L-5%</i>	<i>0-8</i>	<i>SL</i>	<i>FR G L N S N P</i>					
		<i>8-36</i>	<i>SC-CLAY</i>	<i>FR 15% S.P.</i>	<i>36"</i>		<i>SAP</i>		<i>.3</i>
8	<i>L-5%</i>	<i>0-4</i>	<i>SL</i>	<i>FR G L N S N P</i>					

4-28 0.07m 28" 4.5% S.P. FR 15% S.P.

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: _____ Others Present: _____
Available Space (.1943)			
System Type(s)	<i>20"</i>	<i>28"</i>	
Site LTAR	<i>.3</i>	<i>.3</i>	

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NC Licensed Soil Scientist # 1241
NC Registered Sanitarian # 1353

Wynn G. Townsley II
6340 Dwight Rowland Road
Fuquay-Varina, NC 27526

Re: Lots 1 & 2, River Road, Harnett County

Dear Mr. Townsley,

A final soils evaluation was completed on the above referenced property on May 14, 2009. The purpose of the evaluation was to determine the ability of the soils to support a subsurface waste disposal system. All ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900".

The tract was evaluated by auger borings and landscape position. The typical usable soils were a gravelly sandy loam over clay to thirty or more inches. Provisionally suitable soils were identified and are shown on the enclosed map. The long term acceptance rate will probably be .3 gpd/sqft. Adequate area exists for repair for the existing three bedroom house on lot 1. Lot 2 contains adequate area for the initial and repair of a typical three bedroom house (40 X 60). Systems may be conventional, accepted, alternative or innovative. Systems may also require the use of a pump, fill, or additional cover. Surface and/or subsurface drainage may be recommended for the site.

This report does not guarantee or represent approval or issuance of permits as needed by the local health department. This report only represents my opinion as a licensed soil scientist. Lot clearing or grading may make the site unsuitable and is not advised until approval from the health department. I trust this is the information that you require at this time. If you have any questions or need assistance, please call.

Sincerely,

Thomas J. Boyce
Thomas J. Boyce

