

Site:  
 Property ID:  
 Lot #:  
 File #:  
 Code:

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

Owner:  
 Address:  
 Proposed Facility: *SFD* Design Flow (.1949): *3600*  
 Location of Site:  
 Water Supply:  Public  Individual  Well  
 Evaluation Method:  Auger Boring  Pit  
 Type of Wastewater:  Sewage  Industrial Process

Applicant: *07-5-18228*  
 Date Evaluated: *8-31-07 + 9-4-07*  
 Property Size:  
 Property Recorded:  
 Spring  Other  
 Cut  
 Mixed

Profile #	1940 Landscape Position Slope %	Horizon Depth (IN)	SOIL MORPHOLOGY (1941)		OTHER PROFILE FACTORS				Profile Class & I.T.A.R.
			1941 Structural Texture	1941 Consistence Mineralogy	1942 Soil Wetness Color	1943 Soil Depth (IN)	1944 Signal Class	1945 Profile Horiz	
1	L 7%	0-8	SL	GR GR NSNP					.2
		8-30	SC-clay	FR 1/2" S.P. mass	24" 7.5% 4/2				
2	L 8%	0-15	SL	GR GR NSNP					.35
		15-30	SCL	FR 1/2" S.S.S.P.					
		32" +	Parent m						
3	L 7%	0-30	SL	GR GR NSNP					.35
		30-32	SC-clay	FR 1/2" S.S.S.P.					
		32" +	PR						
4	L 8%	0-16	SL	GR GR NSNP					.38
		16-32	SCL	FR 1/2" S.S.S.P.	30" 7.5% 4/2				
5	L 7%	0-16	SL	GR GR NSNP					.38
		16-32	SCL	FR 1/2" S.S.S.P.	30" 7.5% 4/2				
6	L 7%	0-15	SL	GR GR NSNP					.38
		15-38	SCL	FR 1/2" S.S.S.P.	34" 7.5% 4/2				

Description	Initial System	Repair System
available Space (.1945)	✓	✓
system Type(s)	25%	25%
I.T.A.R.	.35	.35

Other Factors (.1946):  
 Site Classification (.1948): *B2*  
 Evaluated By: *[Signature]*

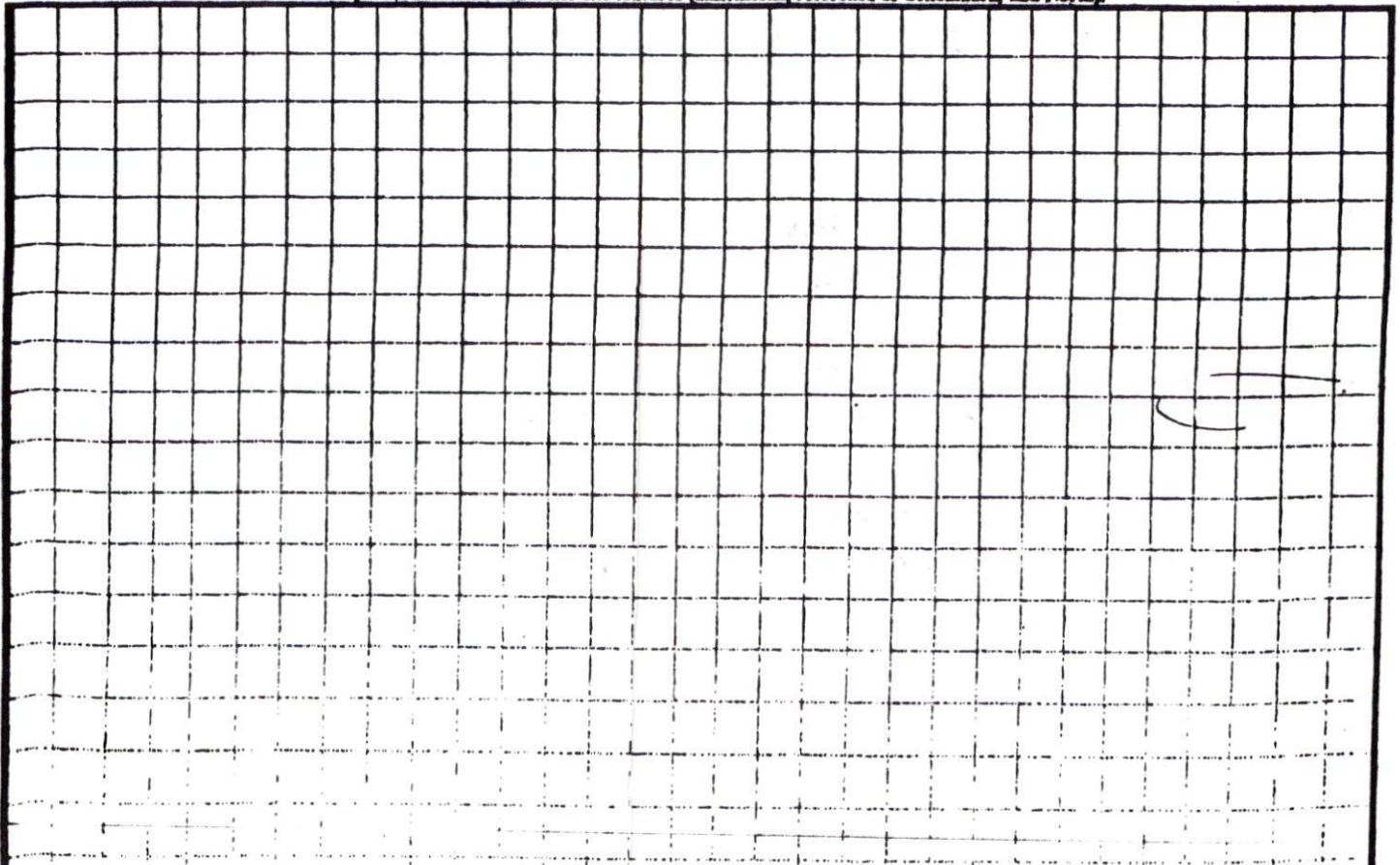
COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

**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, reference or benchmark, and North).



IN DEED BOOKS REFERENCED ON MAP AN P  
 BOOKS REFERENCED ON MAP; THAT ANY NOT  
 ACTUALLY SURVEYED APPEAR AS BROKEN LINES  
 AND WERE PLOTTED FROM INFORMATION AS NOTED  
 ON THE PLAT; THAT THE RATIO OF PRECISION AS  
 CALCULATED IS BETTER THAN 1:10,000; THAT THE  
 AREA IS COMPUTED BY COORDINATE METHOD.  
 WITNESS MY ORIGINAL SIGNATURE, REGISTRATION  
 NUMBER AND SEAL THIS THE 10<sup>th</sup>  
 DAY OF AUGUST A.D., 2007.

3. THAT THE SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND;
4. PROPERTY ADDRESS IS:  
 BENSON ROAD  
 ANGIER, NORTH CAROLINA 27501.

- REFERENCES -  
 1. DEED BOOK 2409, PAGE 421  
 2. MAP BOOK 2007, PAGE 407

AREA = 1.827 ACRES  
 79,570 SQ. FEET

- FEMA -  
 FIRM: 3720068200J  
 EFFECTIVE DATE: OCTOBER 3, 2006  
 ZONE: X (NOT IN FLOODZONE)

- VICINITY MAP -  
 (NOT TO SCALE)

- SETBACKS -  
 FRONT = 35'  
 REAR = 25'  
 SIDE YARD = 10'

*SL H. CH*

JOHN H. CHANDLER L-4389  
 PROFESSIONAL LAND SURVEYOR



- LEGEND -

- IPS IRON PIPE SET
- IRF IRON ROD FOUND
- R/W RIGHT OF WAY
- CONCRETE

