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

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Sheet: Property ID: Lot #: File #: Code:

Owner:	Applicant:				
Address:)	Date Evaluated:			
Proposed Facility:	J	Design Flow (.1949):	440901	Property Size:	
Location of Site:		Property Recorded:	51	1 5	
Water Supply:	Public	☐ Individual ☐	Well	☐ Spring	Other
Evaluation Method:	Auger Boring	☐ Pit	☐ Cut	_ 1 8	
Type of Wastewater	: Sewag	e 🔲 Industria	l Process	☐ Mixed	

P R O F	.1940			DRPHOLOGY 1941	P	OTHER PROFILE FACTOR	RS		
L E #	Landscape Position/ Slope %	Horizon Depth (In.)	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	0-2	0.20	G SL	VFZnslmp					
		20-22	SBX CLBCL	VF2-15/19 Fiz s/8					P1 .3
2		0.30	6 54	ransby Fr stp					
		20-12	SBX CL	Fiz s/P					P5 .3
3		0-20	6 32	ranslup Fiz s/p					
		20-42	39% CL	F2 3/9					P5 .3
							-		

Description	Initial	Repair System	Other Factors (.1946):
	System	/	Site Classification (.1948):
Available Space (.1945)		/	Evaluated By:
System Type(s)	25%	RED	Others Present:
Site LTAR	. 3	.3	Odlors Frescht.

COMMENTS: ____

LANDSCAPE POSITIONS	GROUP	<u>TEXTURES</u>	. <u>1955 LTAR</u>	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE CC-CONCLAVE SLOPE	1 11	S-SAND LS-LOAMY SAND SL-SANDY LOAM L-LOAM SI-SILT	1.2 - 0.8 0.8 - 0.6 0.6 - 0.3	VFR-VERY FRIABLE FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY
CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	IV	SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM SIC-SILTY CLAY	0.4 - 0.1		P-PLASTIC VP-VERY PLASTIC

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

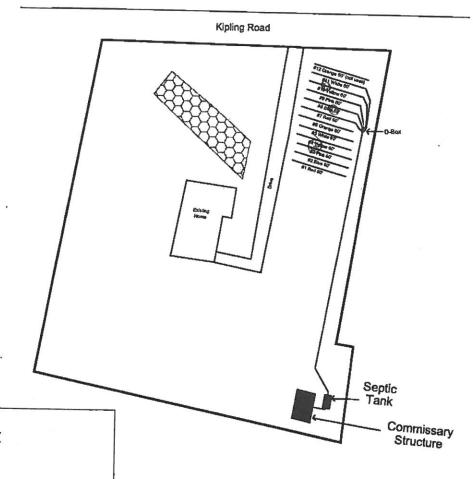
MINERALOGY SLIGHTLY EXPANSIVE

EXPANSIVE

C-CLAY SC-SANDY CLAY

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Preliminary Soils Evaluation Chris Wrenn 129 Kipling Road Harnett County, NC



System: Gravity to D-Box

Lines: 7-11(300')

0.4 LTAR

24 Trench Bottom

Accepted Status System Repair: Gravity to D-Box

Lines: 1-5 (300')

0.4 LTAR

24" Trench Bottom

Accepted Status System



*Supply line will need clean outs every 50'

GRAPHIC SCALE 1" = 100'

Adams Soil Consulting 919-414-6761 Project #602

Chris Wrenn

129 Kipling Road

Food Commissary (450 gal./day)

Daily Flow

		Daily flow rate
Commisary Size (50 gallons per 100 ft2)	600 ft ²	300 gallons
Food Trailer Prep space (50 gallons per 100 ft2)	50 ft ²	50 gallons
Employees (25 gallons/employee)	2	50 gallons
Trailer Tank Capacity	40 gallons	40 gallons

Daily Flow Rate

440 gallons/day

LINE# TBM	COLOR	<u>BS</u> 0.0	<u>HI</u>	<u>FS</u> 100.0	ELEVATION	LINE LENGTH in field	Design Length installation
		0.0	100.0	20010			
INST. 1			100.0				CO
1 -	Red			3.5	96.5	60	60
2	Blue			3.8	96.2	60	60
3	Pink			4.2	95.8	60	60
4	Yellow			4.7	95.3	60	60
5	White			5	95	60	60
6	Orange			5.2	94.8	60	60
7	Red			5.5	94.5	60	60
8	Blue			5.6	94.4	60	60
				5.7	94.3	60	60
9	Pink						
10	Yellow			6.2	93.8	60	60
11	White			6.4	93.6	60	60
12	Orange			6.7	93.3	60	60
Total						720	720
151121							

System Type	System Lines 7-11 Accepted Status System EZ-FLOW	Repair Lines 1-5 Accepted Status System EZ-FLOW
Suggested Soil LTAR	0.30	0.30
Total Line Length	300	300
Square Footage	900	900
Proposed Trench Bottom	24"	24"

Gravity to D-

Distribution Method

Box

Gravity to D-Box

Notes: Proposed initial septic system location is based on minimal impact to mature trees. Supply line will need cleanouts every 50'. System should support daily flow rate of 480 gallons/day

ADO GREAT PUMP (?)