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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Applicant: STAP
Address: Date Evaluated: 7-26-12 - 8-8-12
Proposed Facility: SFD Design Flow (.1949): 360 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

PROFILE #	.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+2	L 3% ~~0-30~~	0-30	SL						
	~~30-42~~	30-42	SL-L		40"				.4
3+4	L 2-3%	0-70	SL						
		40-24	SL-CLay MIX	Fill Glyede	-15" out mep				—
5-	L-3%	Filled in natural							
									—
6	L-	0-24	SL	FRAGIPAN					
		24-42	SCL	Fm 1 5% SSSP.	40 7.5YR 2				.4
7	-	Fill Natural							
8 -	L-6%	0-8	SL	FRAGIPAN					
		8-30	SCL-SC	Fm 1 NOD 3% S.P.	25"				.25-.3

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)	25%	Ultra Sys
Site LTAR	.4	.3-.25

Other Factors (.1946):
Site Classification (.1948): PS
Evaluated By:
Others Present:

FILE #

COMMENTS: _____

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

SITE PLAN APPROVAL

"Mitchell Road"

(Public) 60' R/W

N.C.S.R. 1535

Existing 6" Horneb

N/F

Martin V. Knight
Deed Book 2419, Page 923

S 66° 54' 32" W

189.58'

N 32° 20' 27" W

100.10'

N 29° 55' 07" W

100.19'

N 28° 55' 31" W

100.18'

N 29° 28' 38" W

80.02'

N 73° 08' 10" E

132.04'

S 83° 06' 33" E

224.74'

S 71° 14' 45" W

222.86'

254.16'

S 09° 28' 00" E

118.85'

176.21'

45.07'

S 03° 50' 59" E

170.29'

181.07'

161.57'

37.56'

31.30'

28.44'

12.29'

Found 2" Fip
4" AG By 1"

EPKN in Lite Wood Stump
8" BG by 3/4" Iron Rod

3/4" SRB (F)

SCS

CP

PP

OPP

Overhead Power Line

Service

Overhead Power Line

1.64 Acres Total
- 0.19 Ac. in R/W
1.45 Acres Net

1.30 Acres Total
- 0.07 Ac. in R/W
1.23 Acres Net

1 - Story
Vinyl Siding
Dwelling

Porch

Deck

Asphalt Drive

Well

Car
Shelter

Block
Building

Shelter

Concrete
Pad

Path

Chicken
Pen

Masonite
Storage
Building

10' Minimum Side Setback Line

25' Minimum Front Setback Line

35' Minimum Rear Setback Line

1" FIP L.C.
Below Asphalt

Fip

G

22'

50'

53'

35'

37'

46'

89'

40'

26'

26'