SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

68

PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: _____

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
A	0-5% LSS	0-24	RC SBK	fr SSSP SEAP	few YB minerals				
		24-51	RCL WFSBK	fr SSSP SEAP	–	51	–	–	-3
B		0-6	B SCL GR	SS, SP, Fr SEAP	–				
		6-22	RC WFSBK	SS, SP, Fr SEAP		50	–	–	15
		22-50	R CLAWFSBK	SS, SP, Fr SEAP	many coarse SG				-3
C		0-8	BSL GR	fr SSSP SEAP					
		8-22	RC MFSBK	fr SSSP SEAP					
		22-51	RCL WSBK	fr SSSP SEAP	–	51	–	–	-3
D		0-13	B SL GR	SS, SP, Fr SEAP	–				
		13-25	RC MFABK	S, P, Fr SEAP	com YB	51"	–	–	
		25-51	RC WFSBK	SS, SP, Fr SEAP	few WR/Rock Frag				.25

COMMENTS: _____

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___
gm

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: RICHARD PACELLA / VIEGLAS HOMES
ADDRESS: ___ APPLICATION DATE 3-22-11
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 480 DATE EVALUATED: 4-14-11
LOCATION OF SITE: WATERTREE LANDING LOT 8 PROPERTY SIZE: .71 AC
WATER SUPPLY: ☒Private ☐Public ☒Well ☐Spring ☐Other ___ PROPERTY RECORDED: Y
EVALUATION METHOD: ☒Auger Boring ☐Pit ☐Cut TYPE OF WASTEWATER: ☒Sewage ☐Industrial Process ☐Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	AB 1 L 3%	0-6	LSAND	NSNP	FEW SAP MANY SAP @40"	48"	—	48+	.35
		6-13	SCLMSBK	SSSPSEXP					
		13-25	SCLMSBK	SSSPSEXP					
		25-48	SCLMSBK	SSSPSEXP					
2	AB 2 L 3%	0-7	LSAND	NSNP	MANY SAP C 36"	49"	—	49+	.35
		7-49"	SCLMSBK	SSSPSEXP					
3									1 PIT IN REPAIR .25
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	S	S
System Type(s)	GRAVITY PANEL	LP-PANEL
Site LTAR	.3	.25

OTHER FACTORS (.1946): LTAR OF .35 BUT DESIGNED .3
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: ___
OTHER(S) PRESENT: NONE

COMMENTS: ___

IREDELL COUNTY SOIL/SITE EVALUATION

OWNER	RICHARD PACELLA	GPD	480	LOT SIZE	0.71		
APPLICANT	VIEGIAS HOMES	P. FACILITY	SFR	RECORDED		Y	
ADDRESS	594 BARBER LOOP MOORESVILLE, NC 28117						
SUBDIVISION	WATERTREE LANDING		SECTION		LOT #	68	
WATER SUPPLY		PUBLIC	X INDIVIDUAL	X WELL	SPRING	OTHER	

PROFILE LANSCAPE POSITION SLOPE	H. DEPTH	MORPHOLOGY STRUCTURE TEXTURE	CONSISTENCE MINEROLOGY	PROFILE FACTORS WETNESS COLOR	SOIL DEPTH	SAP CLASS	REST. HORIZON	LTAR
AB 1	0-6	LSAND	NS,NP	NA	48"	MANY @ 40"	48+	0.35
	6-13	SCL,M,SBK	SS,SP,SEXP					
LINEAR	13-25	C,M,SBK	SS,SP,SEXP					
3%	25-48	SCL,M,SBK	SS,SP,SEXP					
AB 2	0-7	LSAND	NS,NP	NA	49"	MANY @ 36"	49+	0.35
	7-49	SCL,M,SBK	SS,SP,SEXP					
LINEAR								
3%								

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS	STAY OUT OF ROAD BED
AVAILABLE SPACE	PS	PS	SOIL EVALUATION BY	BEN ALDRIDGE & BF
SYSTEM TYPE	GRAVITY 25%	LP PANEL BLOCK	SITE EVALUATION BY	BEN ALDRIDGE & BF
SITE LTAR	0.35	0.25	OTHERS PRESENT	NONE