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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Raj Bajpai
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ DATE EVALUATED: 2/15/2012
LOCATION OF SITE: The Point #836 Easement PROPERTY SIZE: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Att-1	0-4"	Rd/Brw SCL	wSBK	FR, SS, SP, SE				PS .3
		4-36"	R C/CL	m-wSBK	SS, SP, SExP				
		36"-48"	R to Y/R	CL	FR, SS, SP, SExP	48"			
2	Att-2	0-10"	Brw SCL	wSBK	FR, SS, SP, SE				PS .3
		10-32"	RC	m-wSBK	SS, SP, SP, SExP				
		32-48"	R to R/Y	CL m SBK	SS, SP, SExP	48"	w/ Few SAP Inclus		
1	Pit by D. Hinson 8-10-01	0-5	wkSBK	R/brw SCL/CL	FR, SS, SP				PS .3
		5-37"	SBK	R/Y Fi	FR, SP				
		37'-55'	m-wk SBK	yR CL	FR, SS, SP		Few SAP Inclus		
4	Pit by D Hinson 8-10-01	0-13	Dry massive	Brw SCL					PS .3
		13-33	SBK	RC Fi, SP					
		33-58	wSBK	yR CL	FR, SS, SP	Common	many SAP Inclus		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III	IV
Site LTAR	.3	.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: M. Dotson / D Hinson
OTHER(S) PRESENT: _____

COMMENTS: _____

-SITE WASTEWATER SECTION

COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____

ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 8-10-01

PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____

LOCATION OF SITE: Lot 846 (836R) Phase 8 The Rt PROPERTY RECORDED: _____

WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☑ Spring ☐ Other _____

EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut

TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

.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)	0-5	dry crumbly Wk sab Brn scl/cl	fr sss sp					.3
	5-37	sab rc	fi. fr sp					
	37-55	wk sab yr cl	fr sss p	Rewind sap				
(2)	0-13	dry massive brn scl						.3
	13-33	sab rc	fi sp					
	33-55	wk sab yr cl	fr sss p	Common-many wk sap				
M 24 TCI	0-10	sab brn scl	fr sss sp					.3
	10-46	sab rc few yb/rm mottles	fi fr sss p					
	46-52	sab rig cl few wk sap	fr sss p					
AH-1 2-15-12	0-4"	Rd/Brn SCL	wSBK ss,sp,FR					PS .3
	4-36"	R C/C	m-wSBK ss,sp					
	36-48"	R to W/R	CL FR,ss,sp,SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Suitable Space (.1945)		
System Type(s)		

OTHER SITE CLASSIFICATION(S): _____

OTHER(S) PRESENT: _____

DSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	LPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
ainage Way)					EXP (Expansive)	CR (Crumb)
ebris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
ood Plain)		L (Loam)				SBK (Subangular Block
ot Slope)						ABK (Angular Blocky)
ad Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
ear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
ce Slope)		CL (Clay Loam)				
ga)		SCL (Sandy Clay Loam)			MOIST	WET
ulder Slope)		SLC (Silt Loam Clay)				
ace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
		O (Organic)	None		VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
					EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

11.5 11.5
11.1 10.4
10.4 9.9
9.9 9.3
9.3

ON DEPTH	In inches below natural soil surface
OF FILL	In inches from land surface
CTIVE HORIZON	Thickness and depth from land surface
LITE	S(suitable) or U(unsuitable)
ETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
FICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

ion of saprolite shall be by pits.
rm Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

AH-2 0-10" Brw SiL PS
10-32" RCm-wSBK
32-48" R to RW CL mSBK
w/few Stat Fmkos

BROAD SOUND COURT
50' PUBLIC R/W
SWAYNE ST
50' PUBLIC
30' LANDSCAPE
DRIVE
25' SIDE YARD SETBACK
846
847
848
849
35,805 sq. ft.
40,010 sq. ft.
TBACK
54'
66'
200'
231'
240'
226'
149'
150'
135'
101'
95'
64'
72'
42'
50'
25'
16'
13'
795
800
790
82'
89'
87'