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: Makson Plumb & Construction
ADDRESS: 8421 Marina Ln Catawba, NC
PROPOSED FACILITY: 3Bd House
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: Lot 14 S&S (157 Knotty Pine Ln)
APPLICATION DATE _____
DATE EVALUATED: 9/9/09
PROPERTY SIZE: _____
PROPERTY RECORDED: _____

WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

★ Note SE = Slightly Expansive

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
1	P1 L 2%	0-14	Brw GR SCL	FR, SE, SS, SP					PS .25
		14-40	Yel/Brw C/M SBK w/ some Rd	FR, SE, SS, SP	Yel/Brw mottles	mottles 48"	MU SAP Inclus	Munsel = 2.5Y 7/6	
		40-48	Yel/Brw CL	FR, SE, SS, SP	w/ Yel/Brw mottles				
2	P2 L 4%	0-7	Brw GR SCL	FR, SE, SS, SP					PS .25
		7-20	Rd/Brw m-w SBK C	FR, SE, SS, SP					
		20-32"	Rd/Brw m-w SBK C/CL	FR, SE, SS, SP	same Yel/Brw mottles	48"		Munsel = 10YR 7/6	>32" .3
		32-48"	Rd w SBK CL	FR, SE, SS, SP	w/ Common Mica Flakes				
3	P3 L 7%	0-4	Brw GR SCL	FR, SE, SS, SP					PS .25
		4-24	Rd/Brw m-w SBK C/CL	FR, SE, SS, SP	Few Yel/Brw mottles	48"		Munsel: 10YR 6/7	
		24-48	Rd/Brw w SBK CL	FR, SE, SS, SP	w/ Common Mica Flakes				
4		3 Backhoe Pits Small Area Pits were consistant.			Sufficient for W/O Being Destructive				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	II	II to III
Site LTAR	.25	.25

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Aaron Akers

COMMENTS: _____

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ON-SITE WASTEWATER SECTION

Sheet ___ of ___
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COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Draft

OWNER: Makson Plumbg Construct
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ DATE EVALUATED: 9/9/20
LOCATION OF SITE: Lot 14 Knotty Pine 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 Note: SE = Slightly Expansive .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 2010 P1	0-14	Brw SCL	w/SBK	SR, SS, SP, SE, FR				PS .25
		14-40	yel Brw C/CL	m-w SBK	SS, SP, SE, FR			w/some yel/brw mottles	
		40-48	Yel/Brw C/CL	w/SBK	SS, SP, SE, FR			w/some yel/brw mottles & SAP Tracks	
2	L 4010 P2	0-7	Brw SCL	w/SBK	SR, SS, SP, SE, FR				PS .25
		7-20	Rd/Brw C	mSBK	SS, SP, SE, FR				32"
		20-32	Rd/Brw C/CL	m-w SBK	SS, SP, SE, FR			w/some yel/Brw Mottles	
		32-48	Rd C	w/SBK	SS, SP, SE, FR			w/ Common Mica Flakes	>32" .3
					Mussel: 7/10 YR				
3	7010	0-4	Brw SCL						PS .25
		4-24	Rd/Brw C/CL	m-w	SBK SS, SP, SE, FR			Mussel: 7/10 YR few yel/Brw Mottles	
		24-48	Rd/Brw C	w/SBK	SS, SP, SE, FR			w/ Common Mica Flakes & few SAP Tracks	
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____