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

Sheet _1_ *of* _2_
PROPERTY ID #: _____
COUNTY: Iredell _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Brazos Dev. _____ APPLICATION DATE: 3-1-12 _____
ADDRESS: Lot 15/16 combo _____ DATE EVALUATED: 2-28-12 _____
PROPOSED FACILITY: Four Bedroom _____ PROPOSED DESIGN FLOW (.1949): 480gpd _____ PROPERTY SIZE: .918ac _____
LOCATION OF SITE: Lot 15/16 combo _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public * 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	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 4-5%	0-3	Br. SCL WSBK	FR SS/SSP	Few incl. of sap	48"			PS .3-.4
		3-28	R Clay SBK	FR SS/SSP					
		28-48	R CL WSBK	FR SS/SP					
2	LS 3-4%	0-6	Br. SCL WSBK	FR SS/SP		48"			PS .3
		6-36	R Clay SBK	FR SS/SP					
		36-48	R CL WSBK	FR SS/SP					
3	LS 4-5%	0-5	Br. SCL WSBK	FR SS/SP		48"			PS .3
		5-36	R Clay SBK	FR SS/SP					
		36-48	R CL WSBK	FR SS/SP					
4	LS 3%	0-29	FILL		Comm. Dr. Mott	0"			UNS.
5	LS 3%	0-5	Br. SCL WSBK	FR SS/SP		36"			PS .25-.225
		5-36	R Clay SBK	FR SS/SP					
		@36"	AR/ROCK						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200	1100
System Type(s)	25%	PPBPS
Site LTAR	.3	.225

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS _____

EVALUATED BY: MA & ASSOC., INC. _____
OTHER(S) PRESENT: _____

Approved TCHD
3/5/2012 MD

COMMENTS: Proposed Trench bottom @ 36"

SOIL/SITE EVALUATION

(Continuation Sheet)

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

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
6	LS 3-4%	0-5	Br. SCL WSBK	FR SS/SP	F-C Dr. Mott Very few Dr. M @ 40" no mottles	48"			PS .25
		5-36	RY Clay WSBK	FR SS/SP					
		36-48	R CL WSBK	FR SS/SP					
7	LS 3-4%	0-5	Br. SCL WSBK	FR SS/SP	Few Dr. Mottles Few Dr. Mottles	48"			PS .275
		5-32	R Clay SBK	FR SS/SP					
		32-40	R SCL WSBK	FR SS/SP					
		40-48	R SC WSBK	FR SS/SP					
8	LS 6-7%	0-5	Br. SCL WSBK	FR SS/SP	Comm. to many Dr. Mottles	35"			
		5-35	R Clay SBK	FR SS/SP					
		@35	Chr. 3-4'S						
9	LS 4-5%	0-5	Br. SCL WSBK	FR SS/SP		48"			PS .3
		5-38	R Clay SBK	FR SS/SP					
		38-48	R CL WSBK	FR SS/SP					
10	LS 4-5%	0-10	Br. SCL WSBK	FR SS/SP	Few Dr. Mottles	48"			PS .275-.25
		10-40	R Clay SBK	FR SS/SP					
		40-48	R CL WSBK	FR SS/SP					

COMMENTS: _____

Approved
ICHD 3/5/2012