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

PROPERTY ID #: _____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Brazos Dev. APPLICATION DATE: 8-25-12
ADDRESS: DATE EVALUATED: 8-22-12
PROPOSED FACILITY: 3 bedroom PROPOSED DESIGN FLOW (.1949): 360 gpd PROPERTY SIZE: Approx 1.2 ac
LOCATION OF SITE: Lots 1, 2 & 4 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 2-3%	0-8	Br. SCL WSBK	FR SS/SP SEXP	Few SAP Incl.	55"			PS .3
		8-19	R C ABK	FR SSS/SP SEXP					
		19-30	R C WSBK	FR SS/SP SEXP					
		30-55	R CL WSBK	FR SS/SP SEXP					
2	LS 2-3%	0-7	Br. SCL/CL WSBK	FR SS/SP SEXP	Comm Sap Incl.	51"	PS		PS .3
		7-18	R C ABK	FR SS/SP SEXP					
		18-51	R CL WSBK	FR SS/SP SEXP					
		@51"	Ver L Sap Mass	VFR SS/SP SEXP					
3	LS 2-3%	0-7	Br. SCL WSBK	FR SS/SP SEXP	Few to Comm Sap Incl.	55"			PS .25 From 0- 30" .3 From 30-55"
		7-30	R/RBr. C ABK	FR SS/SP SEXP					
		30-55	R CL WSBK	FR SS/SP SEXP					
4	LS 2-3%	0-11	Br. SC ABK	FI-FR SS/SP SEXP	Comm Litho/Sap Colors	60"			PS .3
		11-25	RY C ABK	FR SS/SP SEXP					
		25-60	R CL WSBK	FR SS/SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200sq.ft	Over 3,000sq.ft
System Type(s)	25%	Pre-Treat. Drip
Site LTAR	.225	.1

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&ASSOC., INC.
OTHER(S) PRESENT:

COMMENTS: The upper horizon of soil from 0-15" has some compaction.

SOIL/SITE EVALUATION

(Continuation Sheet)

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			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
5	LS 5% REPAIR AREA	0-4	Br. SCL WSBK	FR SS/SP SEXP	Comm. Chr. 3- 4's	48"			PS .25
		4-38	R C SBK/ABK	FR SS/SP SEXP					
		38-48	RY CL WSBK	FR SS/SP SEXP					
6	LS 5% REPAIR AREA	0-19	RBr. C SBK	FR SS/SP SEXP	Comm. Chr. 3-4's	50"			PS .2-.225
		19-26	YBr. SCL WSBK	FR SS/SP SEXP					
		26-50	RY CL WSBK	FR SS/SP SEXP					

COMMENTS: