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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Elizabeth Elden & William Gaule
ADDRESS: 136 Bridlewood Drive, Mooresville, NC 28117
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 490
LOCATION OF SITE: Fern Hill, Rt on Bridlewood Dr. (136)
APPLICATION DATE 2/14/11
DATE EVALUATED: ___
PROPERTY SIZE: .80
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) .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	Remove 6" L/S-10%	0-12	Fill						
		12-15	BRcl wfsbk	FrSSSPSExP					PS
		15-33	Rc mfsbk	FrSSSPSExP	-fsap	63	-	-	.3
		33-63	Rcl vwfsbk	FrSSSPSExP	-Csap				
2	L/S-10%	0-3	Bscl wfsbk	FrSSSPSExP					
		3-16	RCwfsbk	" " " "					PS
		16-41	Rcl fsbk	" " " "	-Csap	41	PS	-	.35
		41-66	var. sl/l mass	" " " "	-f. Rcl incl.				
3	L/S-10%	0-7	Fill						
		7-17	Bscl sr	FrSSSPSExP					PS
		17-64	RC mf/vwfsbk	" " " "	-f. yellow sap incl.	64	-	-	.275
4	Remove 10" L/S-10%	0-17	Fill						
		17-21	RYC mfsbk	FrSSSPSExP	-slightly compacted				PS
		21-33	RYcl mf/vwfsbk	" " " "		33	PS	-	.3-.35
		33-66	var. sl mass	" " " "	-f. R/Y cl. incl.				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	LPPPBPS	TSII Pretreatment LPPPBPS
Site LTAR	.3	.275

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Samuel A. Rollans & Adrian Pruett
OTHER(S) PRESENT: ___
Approved ICHD 2-17-11

COMMENTS: Areas containing fill material will require careful removal without disturbance of natural underlying soil.