DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet ____ *of* ____
PROPERTY ID #: ____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Sean Toole
ADDRESS: ____ APPLICATION DATE ____
PROPOSED FACILITY: SFR 5BR PROPOSED DESIGN FLOW (.1949): 600 gpd DATE EVALUATED: 6-5-13
LOCATION OF SITE: Lot 9 Kelly Cove off Sierra Cove PROPERTY SIZE: ____
WATER SUPPLY: • Private • Public • Well • Spring • Other ____ PROPERTY RECORDED: yes
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 CONSISTENCY/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	2-3% R	0-13	wk sbk Rdbrn CL	fr sss p		48"	NA	None obs	.25
		13-36	mod sbk Rdbrn C	fr ss sp sap	soap				
		36-48	wk sbk c w/ few ind sap	fr sss p sap					
					none obs				
2	4% L	0-20	wk sbk cL	fr sss p sap	None obs	48"	NA	None obs	.25
		20-48	sbk Rdbrn C	fr sss p sap					
				common manganese coatings/concretions					
3	3% L	0-12	sbk cL	fr sss p sap	None obs	48"	NA	None obs	.25
		12-48	sbk c	fr sss p sap					
4	4% L	0-10	wk sbk cL	fr sss p	None obs	48"	NA	None obs	.25
		10-21	sbk C	fr sss p sap					
		21-48	wk sbk cL	fr sss p sap					
				few ind sap					

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

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): PS per .1956
EVALUATED BY: ____
OTHER(S) PRESENT: ____

COMMENTS: 6-5-13 Site plan was submitted with soil work. Lot is on the right side of the cove and will require pump to pressure. Need Revised site plan with accurate property dimensions. Pat, Still need proof of application to Watauga Basin for 5 bedrooms and the area where soil pits + Soil pile removed + site revisited 6-28-13