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

PROPERTY ID #: _____
COUNTY: IREDELL

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

4862-73-8455.

OWNER: JAMES E. MERRITT APPLICANT: SAME
ADDRESS: P.O. BOX 481 HARMONY, 28634 APPLICATION DATE: 6-14-02 DATE EVALUATED: 7-18-02
PROPOSED FACILITY: 4 BR D/W PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: 3.5 ACRES
LOCATION OF SITE: I-77 N, TR NC 901, TL BRUCE MILLS, TR HOUSANVILLE, ON R 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFIL CLASS & LTAR
PIT 1	SLIGHTLY H 6%	0-15"	FILL						U
		15 48	SBK SBK C	FR S/VP MIXED SEAP	MOTTLES @ 40"				
PIT 2	N 4%	0-17	PLATY C	FR S/P MIXED SEAP		U			U
		17+	ROCK/WEATHERED ROCK						
PIT 3	L 13%	0-26	SBK C	FR S/P SEAP		PS LOW PERSUB			PS
		26+	ROCK						
PIT 4	L 13%	0-17	SBK ROCKY SCL	FR S/P SEAP		U			U
		17+	ROCK						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	II	IV
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. HENDRICK
OTHER(S) PRESENT: RICK BARNES & BRUCE STEVE BRYANT & PARTNER