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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

4676-61-9815

OWNER: Joel Patterson
ADDRESS: 109-C WILLIAMSON RD, MOORESVILLE, NC 28117
PROPOSED FACILITY: 4 BR SFD
LOCATION OF SITE: LOT #23
APPLICATION DATE 7-7-06
DATE EVALUATED: 7-25-06
PROPERTY SIZE: 1.03 Acres
PROPERTY RECORDED:
PROPOSED DESIGN FLOW (.1949): 480 GPD
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	L ~5%	0-6	M, Gr, SCL	Fr, SS, NP, NEXP	N/A	45"	SiL	>54"	PS 0.30
		6-24	Mo, M, SBK, C	Fr, SS, SP, SEXP					
		24-45	C w/ SAP MIX (≤50% SAP)						
		45-54	SiL SAP +	CL MIX (≥50% SAP)					
2	L ~4%	0-2	F, Gr, SL	VFr, NS, NP, NEXP	N/A	47"	SiL + L	>57"	PS 0.30
		2-31	Mo, M, SBK, C	Fr/Fi, SS, SP, SEXP					
		31-47	W, MF, SBK, C	W/ SAP Inclus. (≤50% SAP)					
		47-57	CL + SAP	MIX (≥50% SAP)					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	II	IV
Site LTAR	0.30	0.30

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: P. Mitchell
OTHER(S) PRESENT: S. Hedrick

COMMENTS: