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

4676-61-8986

OWNER: Joel Patterson
ADDRESS: 109-C Williamson Rd, Mooresville, NC 28117
PROPOSED FACILITY: 4 BR SFD
PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: LOT #22 Walden Ridge S/D
APPLICATION DATE 7-7-06
DATE EVALUATED: 7-25-06
PROPERTY SIZE: 1.0 Acres
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L ~5%	0-8	W,M,Sbk,SCL	Fr,SS,NP,SE,VP	N/A	~~39~~"	S;L	>57"	PS 0.30
		8-25	Mo,M,Sbk,C	Fr,SS,SP,SE,VP					
		25-39	W,M,Sbk,C	W/ SAP Inclus. (<50% SAP)					
		39-57	Cld > AP (MIX ≥ 50% SAP)						
2	L ~4%	0-5	W,M,Sbk,SCL	Fr,SS,NP,SE,VP	N/A. W/ SAP Inclus.	(QUARTZ VEIN @ ~15") 33"	S;L	>53"	PS 0.30
		5-33	Mo,M,Sbk,C	Fr,SS,SP,SE,VP					
		33-53	Cld > AP 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: