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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: IREDELL

4676 71 3856

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

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 #37 Walden Ridge
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE 7-7-06
DATE EVALUATED: 7-25-06
PROPERTY SIZE: 1.14 Acres
PROPERTY RECORDED:

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	PROFILE CLASS & LTAR
1	L/Slight H ~5%	0-6	M, Gr, SCL	Fr, SS, NP	N/A	38"	SiL	>55"	PS 0.25
		6-24	Mo, M, SBK/Abk, C	FI, SS, SP, SEXP					
		24-38	C w/ SAP	Inclus (<50% SAP)					
		38-55	CL + SAP	MIX (≥50% SAP)					
2	L/Slight H ~7%	0-7	M, Gr, SCL	Fr, SS, NP	N/A	35" (* MICA @ 22")	SL	>54"	PS 0.25
		7-22	W/M, SBK/Abk, C	FI, SS, SP, SEXP					
		22-35	W, F, Abk, C w/ SAP	Inclus (<50% SAP)					
		35-54	SL SAP	MIX					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	0.25	0.25

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

COMMENTS: