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

Sheet 1 of 2
PROPERTY ID #:
COUNTY: REDELL

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

4676-71-6970

OWNER: REDELL GROUP, LLC
ADDRESS: 109-C WILLIAMSON RD, MOORESVILLE, NC 28117
PROPOSED FACILITY: 4 BR House PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: WALDEN PLACE #35
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut

APPLICATION DATE 7-7-06
DATE EVALUATED: 7-25-06
PROPERTY SIZE: 1.5 Acres
PROPERTY RECORDED:
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	10% L	0-4	MFGR SC	FR SSHP			U @ 34+		PS 0.25 TO 34"
		4-34	MMABK C	H-DRY SSHP					
		34-52	MASS/MFSBK SICL	H-DRY SSHP					
2	10% SLIGHT +	0-37	MFGBK SCL	FR SSHP					PS 0.25
		37-60	MMABK C	H-DRY S/P SSHP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
vailable Space (.1945)	PS	PS
ystem Type(s)	II	IV
e LTAR	0.25	0.25

MMENTS:

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. HEDRICK
OTHER(S) PRESENT: JOEL PATTERSON, P. MITCHELL

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

PROPERTY ID #:
COUNTY: IREDELL

OWNER: Joel Patterson
ADDRESS:
PROPOSED FACILITY: 4 BR SFD
LOCATION OF SITE: Lot #35 Walden Ridge S/D
PROPOSED DESIGN FLOW (.1949): 480 GPD
APPLICATION DATE 7-7-06
DATE EVALUATED: 7-25-06
PROPERTY SIZE: 1.50 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L/Very Slowly H ~8%	0-5	SCL		N/A	15"	SL	>55"	0.25
		5-15	ABK C						
		15-55	RED, Yellow-Brown + Gray Mottled						
2	L ~8%	0-6	SCL		N/A	36"	CL (US)	>51"	PS 0.25 @ ≤ 24" TRENCH DEPTH
		6-36	C						
		36-44	C w/ SAP	Inclus (≥80% SAP)					
		44-51	CL SAP (US)						
3									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
ailable Space (.1945)	PS	PS
tem Type(s)		
LTAR	0.25	0.25

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

MENTS:

* TRENCH BOTTOM MUST BE < 24" AT MAXIMUM;