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

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Bruce Allen _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 12-1-05
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 460 PROPERTY SIZE: _____
LOCATION OF SITE: Lake Norman Airpark Lot 53 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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	8%-10% concave headslope	0-5	lsbk l			48			PS .3
		5-42	lsbk cl	fr ss/sp se					
		42-48	lsbk cl/l+sap						
2		0-40	lsbk cl	fr ss/sp se		48			PS .3
		40-48	lsbk cl+sap w/fine mica						
3	Repair Area	0-25	lsbk l			48			PS .3
		25-48	lsbk cl	fr ss/sp se					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	yes	yes
System Type(s)	25% red.	25% red.
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Judy Melville RA
OTHER(S) PRESENT: _____

COMMENTS: _____

DEPARTMENT OF ENVIRONMENT,
HEALTH, & NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

SHEET ___ OF ___
PROPERTY I.D.#: ___
PROPERTY RECORDED: ___
COUNTY: ___

From previous application 1993

SOIL/SITE EVALUATION FOR ON-SITE WASTEWATER SYSTEM

Wesley Sparks

APPLICANT: Tom Wilson OWNER: ↘ AGENT: ___ PHONE: 663-5115
ADDRESS: Rt 4 Box 11 APPLICATION DATE: ___ DATE EVALUATED: 8-22-94
Mooresville NC 28115 PROPOSED FACILITY: SFR 480 gpd
PROPERTY SIZE: 1.40 A
LOCATION OF SITE: LNAP, ph I 1-453
WATER SUPPLY: On-Site Well ↘ Comm. Well ___ Public ___ Other ___ EVAL. METHOD: Auger Boring ↘ Pit ___ Cut ___

PROFILE	.1940 LANDSCP POS. (%)	HORIZON DEPTH (IN.)	.1941 STRUCTURE/TEXTURE	.1941 MINERALOGY/ CONSISTENCE	.1942 WETNESS COND.	.1944 RESTRICT HORIZONS	.1948 CLASS OF HORIZ	1943/ 1956 SAPRLT CLASS.	HORIZON LTAR
1	concave sls	0-8	cl / wk med gran sbk	mfr-sfi	—	-	P	-	0.35-.3
		8-36	sic / wk sbk	mfi-vfi	—	-	P	-	0.3-.25
		36-46	sicl / wk sbk	mfi-sfi	-	-	P	-	0.3
		46-49+	Saprolite sil	mfr	>49	>49	-	-	
2	shs 2-4%	0-5	l / wk gran	mfr-sfi	—	-	P	-	—
		5-10	c / wk sbk	mfi	—	-	P	-	0.3
		10-34	sic / wk sbk	msfi	—	-	P	-	0.3
		34-42	sil Need backhoe pits to confirm useability of this horizon						—
		42-46+	Saprolite		>46	>46			
3	shs 6-8%?	0-8	l / wk gran		-	-	P	-	0.4
		8-28	c / wk sbk		—	-	P	-	0.3-.25
		28-45	± resistant sap + p.m.		-	-	P	-	0.3-.25
		45-48	cl Saprolite & Need backhoe pit to determine useability of this horizon		7 48	7 48			
4									
5									

AVAILABLE SPACE (.1945) ___ SITE CLASSIFICATION (.1948): ___ SITE LONG-TERM ACCEPTANCE RATE: 0.3 - 0.25

EVALUATED BY: ___ OTHER(S) PRESENT: ___

COMMENTS: brushy vegetation needs to be cut to make slope & topo. observations and to design layout