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

Sheet 1 *of* ____
PROPERTY ID #: _____
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: GREG CAIRNS
ADDRESS: PO BOX 1682 MOORESVILLE, NC 28115
PROPOSED FACILITY: RES
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: LOT 2 FAIRHAVEN
APPLICATION DATE 5/06
DATE EVALUATED: 5/06
PROPERTY SIZE: _____
PROPERTY RECORDED: Y

WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: X Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: X 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
AH 1	SS 8-12%	0-4	BSCL WSBK/GR	COMPACTED	N/A	48"	N/A	33"	PS .35
		4-17	RC MFSBK	FRI SSSP SEXP					
		17-48	RCL WFSBK	FRI SSSP SEXP					
				COMMON SAP					
AH 2	SS 8-12%	0-5	FILL		N/A	40-48"	N/A	N/A	PS .35
		5-40	RCL WFSBK	FRI SSSP SEXP					
		40-48	RCL/SAP WSBK	FRI SSSP SEXP					
AH 3	SS 8-12%	0-6	FILL		N/A	48"	N/A	N/A	PS .3
		6-36	BSCL WSBK/GR	FRI SSSP SEXP					
		36-48	RC MFSBK	FRI SSSP SEXP					
AH 4	SS 8-12%	0-5	FILL		N/A	48"	N/A	N/A	PS .3
		5-36	BSCL WSBK/GR	FRI SSSP SEXP					
		36-48	RC MFSBK	FRI SSSP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	900 FTSQ	900 FTSQ
System Type(s)	25% RED.	25% RED.
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ROLLANS SOIL & ENVIRONMENTAL SERVICES
OTHER(S) PRESENT: _____

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: IREDELL

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
AH 5	SS 8-12%	0-14	RC MFSBK	FRI SSSP SEXP	N/A	48"	N/A	N/A	PS .35
		14-48	RCL WFSBK	FRI SSSP SEXP					
		0-16"	Rd/Brw	SE					
		16-48"	Rd/Brw	C/Vc m-WSBK	SS,SP	SE, FR			PS
			Lvf	Common	Mica Flakes				.3

COMMENTS: _____