DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Price - 828-234-3623

OWNER: ARBY'S RESTAURANT APPLICATION DATE: _____
ADDRESS: _____ DATE EVALUATED: 3/26/03
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 2960 GPD PROPERTY SIZE: _____
LOCATION OF SITE: 21N - B-4 Junction of I77 across street from Texaco PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut 74 seats @ 40 Gallons Per Seat
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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	LSS 10-12%	0-6	BSCL WR	fri SSSP	soap	55"	N/A Inc. @ 48"+	N/A	13 PS
		6-21	RC SBK	fi/fri SSSP	soap				
		21-55	RCL MWSBK	fri SSSP	soap N/A				
2		0-4	BSCL WR	fri SSSP	soap	36"	N/A Common Inc.	N/A	PS .3
		4-21	RC ABK/SBK	fi/ SP	soap				
		21-56	RCL MESBK	fri SSSP	soap N/A				
3		0-4	BSCL WR	fri SSSP	soap	40"	N/A @ <60" Not PS	N/A	PS .3
		4-20	RC SBK	fi SP	soap				
		20-60	RCL MWSBK	fri SSSP	soap N/A				
		60-66	RSAP WSBK	fri SSSP					
4	V	0-10	BSCL WR/WSBK	fri SSSP	soap	60"	N/A	N/A	PS .25
		10-60	RBC SBK	fi SP-	soap mang.				
					N/A				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	conventional	conventional
Site LTAR	.25	.25

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Brady Freeman
OTHER(S) PRESENT: _____

COMMENTS: Recommend 36" Trench Bottom

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Arby's Restaurant

PROPERTY ID #:
DATE OF EVALUATION: 5/20/03
COUNTY: Iredell

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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
5	LSS 10-12%	0-22	RC SMK	fri SP SxP		61"	N/A	N/A	PS .3
		36-61	RCL MFSMK	fri SSSP SxP	N/A				
6		0-4	Plow layer			57"	N/A	N/A	PS .3
		4-20	RC SMK	fri SP SxP					
		20-57	RCL MFSMK	fri SSSP SxP	N/A				
7		0-6	Plow layer			63"	N/A	N/A	PS .25
		6-23	CL/SCL WSMK	fri SSSP SxP	N/A				
		23-36	RBC AMK	fi SP - Com Mang Stains & Concretions					
		36-63	RCL MFSMK	fri SSSP SxP					
8		0-12	Plow layer/SCL/CL	WSMK fri SSSP SxP		55"	N/A	N/A	PS .25
		12-38	RBC AMK	fi SP Common Mang. SxP					
		38-55	RCL MFSMK	fri SSSP SxP	N/A				
9		0-10	BCL Plowlayer	/WSMK fri SSSP SxP		54"	N/A	N/A	PS .3
		10-22	RC SMK	fi SP SxP					
		22-54	RCL MFSMK	fri SSSP SxP	N/A				

COMMENTS: Recommend 36" trench bottom

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: 5/20/03
COUNTY: Iredell

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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
10	LSS 10-18%	0-9	Plow layer SCL	fi SSSP	SWP	61"	N/A	N/A	PS .3
		9-24	RC SNK	fi SP SWP					
		24-61	RCL MFSNK	fr SSSP	SWP few	SAP...			
					N/A				
11		0-17	RBL SNK	fi SP SWP					
		17-46	RCL MFSNK	fr SSSP	SWP	58" -	N/A	N/A	PS .3
		46-58	RL WSBK	fi SSSP-	Common SAP	SWP/NWP			
					N/A				
12	↓	0-6	Plow layer	Mass/Ark SCL					
		6-38	RC SNK	fi SP -	SWP many quartz inc.				
		38-50	RCL MFSNK	fr SSSP	SWP	50"	N/A	N/A	PS .3
					N/A				

COMMENTS: Recommend 36" Trench Bottom