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

PROPERTY ID #: _____
COUNTY: IREDELL _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Adams Homes _____ APPLICATION DATE_____
ADDRESS: Huntersville NC_____ DATE EVALUATED: 11-28-11_____
PROPOSED FACILITY: 3 Bedroom_____ PROPOSED DESIGN FLOW (.1949): 360 gpd_____ PROPERTY SIZE: 33,000_____
LOCATION OF SITE: Lot 42 _____ 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 2%	0-6	R C SBK	FR SS/SP	Comm sap incl. Comm to many sap incl.	48			PS .35
		6-36	R CL SBK	FR SS/SP					
		36-48	R CL WSBK	FR SS/SP					
2	LS 2-3%	0-28	R C SBK	FR SS/SP	Very few Y-B's at 12" Comm sap incl.	48			PS .35
		28-48	R CL WSBK	FR SS/SP					
3	LS 2%	0-7	Br SCL WSBK		Very few y-b's @21-22" Comm sap incl	48			PS .3
		7-24	R C SBK	FR SS/SP					
		24-36	R CL SBK	FR SS/SP					
4	LS 4-5%	0-7	RBr. SCL WSBK	FR SS/SP	Very few Y-B's @21-22" Comm sap incl.				PS .3
		7-30	R C SBK	FR SS/SP					
		30-48	R CL SBK	FR SS/SP					

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS _____
EVALUATED BY: MA&Assoc.Inc.
_____
OTHER(S) PRESENT: _____

COMMENTS: Please note this site was cut approx. 2 feet in depth. MA&Assoc. recommends that the system trench bottom be located at 36".

SOIL/SITE EVALUATION

(Continuation Sheet)

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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
5	LS 2%	0-10	FILL		Very few y-b's @21" Comm to many sap incl.	48"			PS .3
		10-13	Br. SCL WSBK	FR SS/SP					
		13-28	R C SBK	FR SS/SP					
		28-48	R CL SBK/WSBK	FR SS/SP					
6	LS 2%	0-6	R C SBK	FR SS/SP	Comm sap incl. Comm to many sap incl.	48"			PS .35
		6-42	R CL SBK	FR SS/SP					
		42-48	R CL WSBK	FR SS/SP					

COMMENTS:

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: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	42-1 L	0-6	WK SBK SCL	FR SS/SP	Red				0.25-0.3
		6-21	WK SBK SC	FR SS/SP	Red; F yel Br		F sap		
		21-50	WK SBK SCL	FR SS/SP	Red		C sap		
2	42-2 L	0-9	Mo GR SL	FR ns/np	Br				US (0.2-0.25 20"+)
		9-28	WK ABK C	FR SS/SP	Red; C 10 YR 5/2 9"-20"; C yel Br 9"-28"		C sap		
		28-50	WK SBK CL	FR SS/SP	Red				
3	W L	0-7	Mo GR SL	FR SS/np	Br				0.25
		7-25	Mo SBK C	FR SS/SP	Red; F yel Br		F/C sap		
		25-56	WK SBK CL	FR SS/SP	Red				
4	X L	0-6	Mo GR SL	FR ns/np	Br				US
		6-13	WK SBK SCL	FR SS/SP	Red Br				
		13-33	WK ABK C	FR SS/SP	Red; C yel Br; F 10 YR 5/2		C sap		
		33-54	WK SBK CL	FR SS/SP	Red				

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

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

COMMENTS: _____

)EPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
)IVISION OF ENVIRONMENTAL HEALTH
)N-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

)WNER: GA. Mills
)DDRESS: _____ APPLICATION DATE _____
ROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ DATE EVALUATED: _____
OCATION OF SITE: Lot 42 cont. PROPERTY SIZE: _____
/ATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
/ALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

.1949 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
42-2A	0-12	WK SBK SL	FR NS/NP	Br				
	12-30	MO SBK C	FR SS/SP	Red, F-C 5y 7/4		F Sap		0.225-
L	30-55	WK SBK CL	FR SS/SP	Red		C Sap		0.25
42-1A	0-6	Mo GR SL	FR ns/np	Br				
	6-26	WK ABK C	FR SS/SP	Red; C yel Br F	2.5y 8/2, F 3 Chroma			
L	26-32	WK SBK C	FR SS/SP	Red; C yel Br; F 3 Chroma, F Mica				
	32-51	WK SBK CL	FR SS/SP	Red		F Sap		US
V	0-11	Mo GR SL	FR SS/np	Br				
	11-27	Mo ABK C	FR SS/SP	Red; F/C yel Br				
L	27-52	WK SBK CL	FR SS/SP	Red; F yel Br		F Sap		0.2-
								0.25
AH 42-3	0-6	Mo GR SL/Sci	FR SS/SP	Red Br				
	6-20	Mo SBK C	FR SS/SP	Red; F yel Br, F Mn				
L	20-48	WK SBK CL	FR SS/SP	Red; F yel Br				0.25

)ESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
)le Space (.1945)		
Type(s)		
AR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Kathleen Saunders
OTHER(S) PRESENT: Kenneth Collins

NTS: _____

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: Pilot
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ DATE EVALUATED: 1-30-08
LOCATION OF SITE: GA Mills Plant #2 PROPERTY SIZE: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	42-1	0-6	Brw SCL	w/ SBK					PS .25 to .3
		6-20	Rd/Brw	CL SCL w/ SBK, FR, SS, SP					
		20-40"	Rd/Brw	CL FR SS, SP, SE	w/ Inclus of SAP				
			▽ water in Pit @	40"					
2	W	0-7	SL/SCL	GR, FR, NS, NP					PS .3
		7-24"	Rd/Brw	CM SBK SS, SP, SE					
		24-55"	Rd/Brw	Re w/ SBK SS, SP, SE					
3									
4									

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

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

COMMENTS: _____