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

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: WAC CONTRACTING
ADDRESS: BRAWLEY SCHOOL RD. MOORESVILLE NC 28117 APPLICATION DATE 3/2011
PROPOSED FACILITY: RES PROPOSED DESIGN FLOW (.1949): 480GPD DATE EVALUATED: 3/2011
LOCATION OF SITE: LOT 23 SEC 14 CL&T PROPERTY SIZE: 1.1AC
WATER SUPPLY: ☐ Private ☐ Public X Well ☐ Spring ☐ Other PROPERTY RECORDED: YES
EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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
P 1	LINEAR 5-8%	0-8	GRAVEL		N/A	48"	N/A	N/A	~~.3GPD/FT²~~ .25 gm
		8-48	RC MFSBK	FRI,SS,SP,SEXP					
				Mn incl.					
P 2	LINEAR 5-8%	0-7	GRAVEL		N/A	24"	PS	N/A	.35GPD/FT²
		7-16	RC SBK	FRI,SS,SP,SEXP					
		16-24	RCL WFSBK	FRI,SS,SP,SEXP					
		24-60	SL SAP MASS	VFRI, NS,NP, SEXP					
PIT 3	LINEAR 5-8%	0-28	RC WFSBK	FRI,SS,SP,SEXP	N/A	53"	N/A	N/A	.275GPD/FT²
		28-53	RCL WFSBK	FRI,SS,SP,SEXP					
				FEW MN. INCL.					
PIT 4	LINEAR 5-8%	0-24	RC WFSBK	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.3GPD/FT²
		24-48	RCL WFSBK	FRI,SS,SP,SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	LP PPBPS	LP PPBPS
Site LTAR	.25 GPD/FT²	~~.275~~ .25 GPD/FT² gm

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MICHAEL ATHANAS & ASSOCIATES
OTHER(S) PRESENT:

COMMENTS: Approved ICHD 3-25-11 gm

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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
B 1	LINEAR 5-8%	0-10	BSCL GR	FRI,SS,SP,SEXP	2 CHROMAS AT 18"	24"	N/A	18"	UNSUITABLE
		10-24	BSC FRI	FRI S SP EXP					
B 2	LINEAR 5-8%	0-8	BSCL GR	FRI,SS,SP,SEXP	2 CHROMAS AT 18"	18"	N/A	18"	UNSUITABLE
		8-18	BSC FRI	FRI S SP EXP					
B 3	LINEAR 5-8%	0-28	RC WFSBK	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.3GPD/FT^2
		28-48	RCL WFSBK	FRI,SS,SP,SEXP					
B 4	LINEAR 5-8%	0-30	RC WFSBK	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.3GPD/FT^2
		30-48	RCL WFSBK	FRI,SS,SP,SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	LP PPBPS	LP PPBPS
Site LTAR	.25 GPD/FT^2	.275 @ GPD/FT^2 gm

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MICHAEL ATHANAS & ASSOCIATES
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: _____

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	
B 5	LINEAR 5-8%	0-32	RC WFSBK	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.3GPD/FT^2
		32-48	RCL WFSBK	FRI,SS,SP,SEXP					
B 6	LINEAR 5-8%	0-4	BSCL GR	FRI,SS,SP,SEXP	N/A	48"	N/A	N/A	.25GPD/FT^2
		4-48	RC WFSBK/ABK	FRI,SS,SP,SEXP					
				MN. INCL.					
B 7	LINEAR 5-8%	0-6	BSCL GR	FRI,SS,SP,SEXP					.3GPD/FT^2
		6-28	RC SBK	FRI,SS,SP,SEXP					
		28-48	RCL WSBK	FRI,SS,SP,SEXP					
B 8	LINEAR 5-8%	0-6	BSCL GR	FRI,SS,SP,SEXP					.3GPD/FT^2
		6-22	RC SBK	FRI,SS,SP,SEXP					
		22-38	RCL WSBK	FRI,SS,SP,SEXP					
		38-48	SLSAP MASS	FRI,SS,SP,SEXP					

COMMENTS: _____