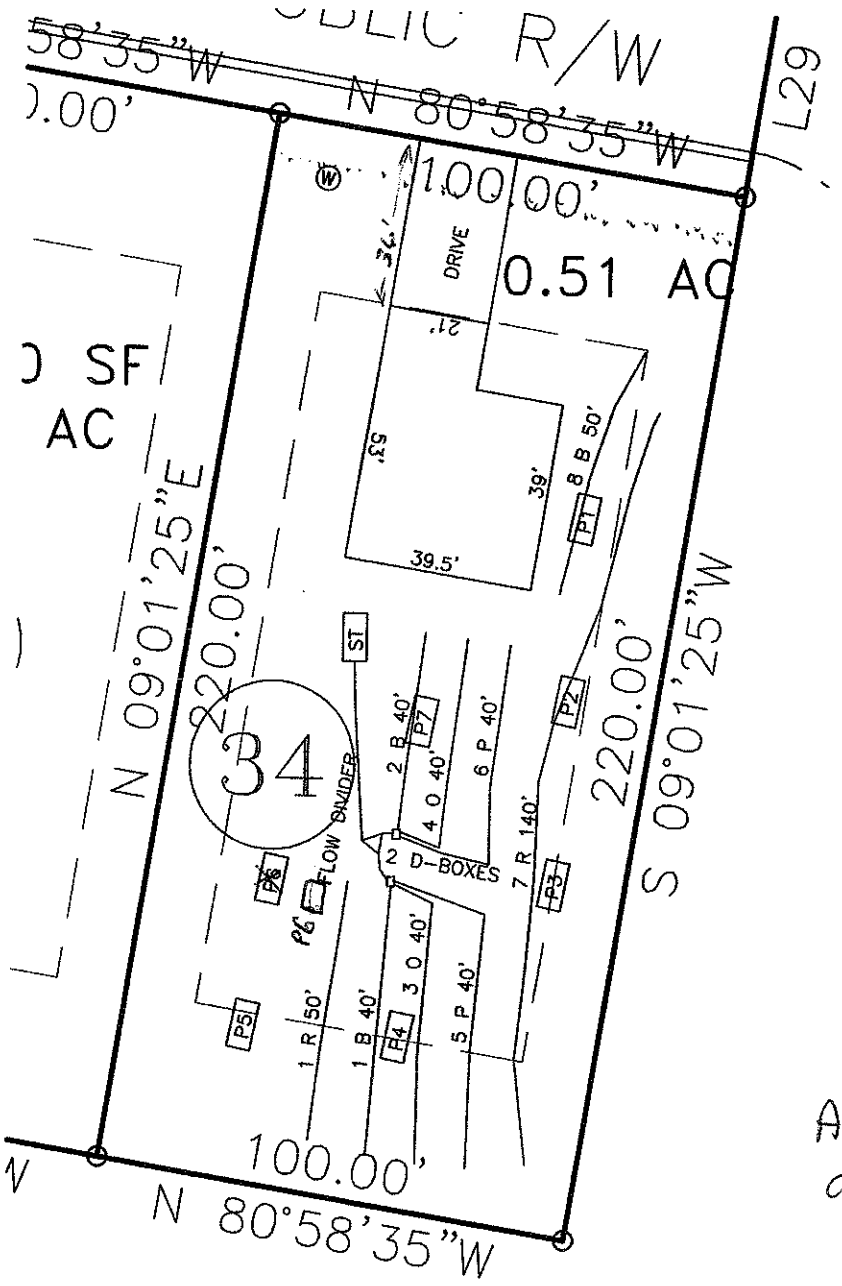


Approved ICHD
Judy Melville REHS
7-23-10

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: BRAZOS DEVELOPMENT
ADDRESS: PO BOX 1179 TROUTMAN NC 28166
PROPOSED FACILITY: RES
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: LOT 34 WHEATFIELD
APPLICATION DATE 7/10
DATE EVALUATED: 7/10
PROPERTY SIZE: ~.5 AC
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
P1	L 0-5%	0-24	RSCL WSPK	FR SSSP SAP					
		24-52	RC SPK	FR SSSP SAP					
		52-55	RLC WSPK	FR SSSP SAP				N/A	.275
		East wall	—	0-30 FILL	—	55	—		
P2		0-19	FILL						
		19-25	BSCL WSPK	FR SSSP SAP				N/A	
		25-47	RL SPK	FR SSSP SAP	—	60	—		.275
		47-60	RLC WSPK	FR SSSP SAP					
				FEW SPR					
P3		0-20	FILL						
		20-24	BSCL WSPK	FR SSSP SAP					
		24-48	RC MFPK	FR SSSP SAP				N/A	.275-.25
		48-65	RLC WSPK	FR SSSP SAP		65	-		
				COMMON SPR	—				
P4	✓	0-11	BSCL WSPK	FR SSSP SAP					
		11-36	RBC ABK	FR SS, P SAP					
		36-60	RCL WSPK	FR SSSP SAP		60	—	N/A	.25
				COMMON MICA	—				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PPBPS	PPBPS
Site LTAR	.25	.05

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Athans & Associates
OTHER(S) PRESENT: ___

Approved ICHD

COMMENTS: ___

Jerry Metcalf REHS
7-23-10

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

Sheet ___ of ___
PROPERTY ID #: ___
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for ON-SITE WASTEWATER SYSTEM

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DATE EVALUATED: 7/10
PROPERTY SIZE: ~.5 AC
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P1	19S West wall 0-5%	0-11	BSCL WSBK	fi SSSP Sap					.125 SP
		11-28	RBC StrAm	fi SP - 2 chromas @ 18"					
P2	East wall	0-12	BSCL WSBK	fi SSSP					
		12-44	RBC ABK	fi SSSP Sap					
		44-60	R LWSM	fi SSSP Sap	-	60	-	N/A	.25
P3	L 0-5%	0-8	BSCL WSBK	fi SSSP Sap					
		8-42	RC St ABK	fi SP -	3 to 4 chromas			43"	.2-.225
		42-60	RCL WSM	fi SSSP					
					2 chromas @ 43"				
P4	L 0-5%	0-10	BSCL GR	fi SSSP Sap					
		10-38	RC SBK/ABK	fi SSSP					
		38-53	RCL WSM	fi SSSP					
			few SAP		-	56	-	-	.3

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

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

COMMENTS: ___