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

Sheet 1 of 3
PROPERTY ID #: 4679318736
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: T & E DEVELOPERS — APPLICATION DATE: 10/06
ADDRESS: 112 VISTA BLUFF MOORESVILLE, NC 28117 — DATE EVALUATED: 10/31/06
PROPOSED FACILITY: RES — PROPOSED DESIGN FLOW (.1949): 480 — PROPERTY SIZE: 2.23 Ac
LOCATION OF SITE: KERRI PLANTATION LOT 13 — PROPERTY RECORDED: Y
WATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: X 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
7	5-10%	0-4	BSCL WR	fri SSSPSmp					5/2/13
		4-20	RCL SDY	fri SSSPSmp					PS
1	L	20-36	RCL WFSPR	fri SSSP Smp	—	BG"	IS	N/A	.3
		36-48	VLSAPM	fri SSSPSmp					
									OK MD
		0-6	BSCL WR	fri SSSPSmp					OK
8		6-14	RCL WFSPR	SSSPSmp fri					PS
2		14-24	RCL WFSPR	fri SSSPSmp		48"	N/A	—	.3
		24-48	RCL WFSPR	fri SSSPSmp	-				
				felspar					
		0-6	BSCL WFSPR	fri SSSPSmp					
9		6-24	RCL WFSPR	fri SSSPSmp					IS
3		24-48	RCL WFSPR	fri SSSPSmp	—	48"	—	—	.3
				felspar					
10		0-6	BSCL WFSPR	fri SSSPSmp					
		6-24	RCL WFSPR	fri SSSPSmp					PS
4		24-38	RCL WFSPR	fri SSSPSmp	—	38"	IS	-	.3
		38-48	VLSAPM	NSNPfri Smp					
				felspar Fr					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400	320
System Type(s)	0258	PIPS
Site LTAR	.3	.3

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

COMMENTS:

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

Sheet 2 of 2
PROPERTY ID #: 467931873G
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: T & E Dev
ADDRESS: 112 Vista Bluff
PROPOSED FACILITY: House
LOCATION OF SITE: Lot 13 Kern Plantation
APPLICATION DATE: 10/21/06
DATE EVALUATED: 10/31/06
PROPERTY SIZE: 2.27 Ac
PROPERTY RECORDED: 10/1/06
PROPOSED DESIGN FLOW (.1949): 480 gpd
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
1	L 5%	0-24"	Rd to Rd/Brw CL	m-w SBK					PS
		24-48"	Rd to Rd/Brw CL	w SBK w/ many SAP Inclus & some W Rock	—	48+	—	—	.3+
2	L-S-B L 5%	0-6	Brw SiL	GR, FR, SS, SP, SE					PS
		6-24	R CL	m-w SBK SS, SP, SE, FR					
		24-48	R CL	w SBK FR SS, SP, SE SAP	—	48'	—	—	.3
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	~~III~~ 25% Red	~~IV~~ 50% Red
Site LTAR	.3	.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: M. Dotson
OTHER(S) PRESENT:

COMMENTS: