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

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: HIGHLAND HOME BUILDERS — APPLICATION DATE
ADDRESS: LOT 7 — DATE EVALUATED: 4/28/05
PROPOSED FACILITY: 4 BEDROOM — PROPOSED DESIGN FLOW (.1949): 480GPD — PROPERTY SIZE: .7ac
LOCATION OF SITE: MARIETTA ROAD — 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	CL LINEAR 10%	0-1	WF GR / SL	VFR	≥ 54"	12"	PS	NONE	PS 0.3
		1-12	WF SAB / CL	FR SS SP SEXP					
		12-54"	SLESS / L	VFR NS NP NEXP					
2	CL LINEAR 10%	0-4	WK F GR / SL	VFR	> 48"	36"	PS	NONE	PS 0.3
		4-15	WF SAB / CL	FR SS SP SEXP					
		15-36	WM SAB / FSL	VFR NS NP NEXP					
		36-48	SLESS / L	VFR NS NP NEXP					
3	CL LINEAR 10%	0-3	WK F GR / SL	VFR	752"	30"	PS	NONE	PS 0.3
		3-30	MOME AB / CL	FI SS SP SEXP					
		30-52	SLESS / L	VFR NS NP NEXP					
4	CL LINEAR 10%	0-3	WF GR / SL	VFR	748	26"	PS	NONE	PS 0.3
		3-26	WK M SAB / CL	FR SS SP SEXP					
		26-48	SLESS / L	VFR NS NP NEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	329LF	283LF
System Type(s)	LPP PANEL	LPP PANEL
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): 5
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: OVERBY
OTHER(S) PRESENT:

COMMENTS:

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

Sheet 1 of 1
PROPERTY ID #: Lot 7 MARIETTA RD
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Lee PAKE - HIGHLAND HOME BUILDERS — APPLICATION DATE
ADDRESS: Lot 7 MARIETTA ROAD — DATE EVALUATED: 4-9-05
PROPOSED FACILITY: 4 BR — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: 1.7 ac
LOCATION OF SITE: MARIETTA ROAD — PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut — TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

Per Wendell Disregard LTAR

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
pit 1	CC Linear 9-11%	0-3	Wk Fine SAB/CL	NEXP FR SS SP	7.5YR 4/6	>30"	Inclusions of SAP 30+	>52" NONE	ps/s .4
		3-30	Mod Med SAB/CL	NEXP FR SS SP	2.5YR 4/6				
		30-52	Structureless/L	NEXP FR SS NP	2.5YR 4/8				
2 Bor 1	CC Linear 9-11%	0-1	Wk Fine SAB/L	NEXP FR SS SP	5YR 4/6	>48"	NONE >48"	>48" NONE	ps/s .4
		2-12	Wk Fine SAB/CL	NEXP FR SS SP	5YR 5/6				
		12-48	Wk Fine SAB/L	NEXP FR NS NP	7.5YR 5/6				
3 Bor 2	CC Linear 9-11%	0-2	Wk Fine SAB/L	NEXP FR SS SP	7.5YR 4/6	28"	28"	>48" NONE	ps/s .4
		2-10	Wk Fine SAB/CL	NEXP FR NS NP	5YR 4/6				
		10-28	Wk Fine SAB/L	NEXP FR NS NP	5YR 5/8				
		28-48	Structureless/FSL	NEXP VFR NS NP	multicolor				
4 Bor 3	CC Linear 9-11%	0-1	Wk Fine Cr/L	NEXP FR SS SP	7.5YR 5/6	>30"	>30"	>48" NONE	ps/s .4
		1-13	Wk Fine SAB/CL	NEXP FR SS SP	5YR 4/6				
		16-30	Wk Fine SAB/L	NEXP FR NS NP	7.5YR 4/6				
		30-48	Structureless/FSL	NEXP VFR NS NP	10YR 5/8				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	329	283
System Type(s)	Conv. (LPP)	PANEL (LPP)
Site LTAR	.4	.4

OTHER FACTORS (.1946): 5
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: WCJ
OTHER(S) PRESENT:

JAMES WENDELL OVERCAST LICENSED SOIL SCIENTIST NORTH CAROLINA

COMMENTS: