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 6 — DATE EVALUATED: 4/28/05
PROPOSED FACILITY: 4 BEDROOM — PROPOSED DESIGN FLOW (.1949): 480 GPD — PROPERTY SIZE: .6 AC
LOCATION OF SITE: LOT 6 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) .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	CL LINEAR 10%	0-12	WF SCL GR	VFR	>48"	48"	>48	NONE	PS .3
		12-33	MoMed SAB/C	FR SS SP SEXP					
		33-48	WF SAB/CL	FR SS SP NEXP					
2	CL LINEAR 10%	0-2	WF GR SL	VFR	>56"	48"	PS 48"	NONE	PS .3
		2-27	MoMed SAB/CL	FR SS SP SEXP					
		27-48	WF SAB/CL	VFR SS NP NEXP					
		48-56	SLOSS /L	VFR NS NP NEXP					
3	CL LINEAR 10%	0-4	WF GR/SL		>48"	42"	PS 42	NONE	PS .3
		4-10	WF GR/LS						
		10-16	WF SAB/SCL	VFR SS NP NEXP					
		16-42	MoMed AB/CL	FR SS SP SEXP					
		42-48	SLOSS /L	VF NS NP NEXP					
4	CL LINEAR 10%	0-4	WF GR/SL		>48	24"	PS 24"	NONE	PS .3
		4-10	WF SAB/SCL	VFR SS NP NEXP					
		10-24	MoMed SAB/CL	FR SS SP SEXP					
		24-48	SLOSS /SL	VFR NS NP					

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

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

COMMENTS:

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: Lee Pake - Highland Home Builders — APPLICATION DATE
ADDRESS: Lot 6 Marietta Roads — DATE EVALUATED: 4-6-05
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 400gpd — PROPERTY SIZE: ± 1.6ac
LOCATION OF SITE: Marietta Roads — 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
1 Bor 1	CC Linear 9-11%	0-2	Wk Fine GR/SL	NEXP FR SS SP	10YR 3/3	>48"	>48" None	>48" NONE	ps/s .3
		2-12	Wk Fine SAB/SCL	NEXP FR SS SP	5YR 4/6				
		12-33	Mod Med SAB/C	NEXP FR SS SP	2.5YR 4/8				
		33-48	Wk Fine SAB/CL	NEXP FR SS SP	2.5YR 4/8				
2 Bor 2	CC Linear 9-11%	0-2	Wk Fine SAB/SL	NEXP FR SS SP	2.5YR 4/8	>48"	>48" None	>48" NONE	ps/s .3
		2-27	Mod Med SAB/CL	NEXP FR SS SP	2.5YR 4/8				
		27-36	Wk Fine SAB/L	NEXP FR SS SP	5YR 5/8				
		36-48	Wk Fine SAB/L	NEXP FR SS SP	5YR 5/8				
3 Pit	CC Linear 9-11%	0-4	Wk Fine GR/SL	NEXP VFR NS NP	10YR 4/3	>42"	>42"	>42" NONE	ps/s .3
		4-10	Wk Fine Sless/LS	NEXP FR NS NP	7.5YR 4/8				
		10-16	Wk Fine SAB/SCL	NEXP FR SS SP	10YR 5/8				
		16-24	Mod Med SAB/CL	NEXP FR SS SP	7.5YR 5/6				
		24-42	Mod Med SAB/CL	NEXP FR SS SP	5YR 4/6				
4	CC Linear 9-11%	0-4	Wk Fine GR/SL	NEXP FR NS NP	2.5Y 5/6	>36"	>36"	>36" NONE	ps/s .3
		4-10	Wk Fine SAB/SCL	NEXP FR SS SP	5YR 5/8				
		10-24	Mod Med SAB/CL	NEXP FR SS SP	2.5YR 5/8				
		24-36	Wk Fine SAB/FSCL	NEXP VFR SS SP	5YR 5/8				
		36+	Structureless/SL	NEXP VFR NS NP	5YR 5/6				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	277	279
System Type(s)	PANEL (LPP)	PANEL (LPP)
Site LTAR	.3	.3

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

LICENSED SOIL SCIENTIST
JAMES WENDELL OVERBY
1218
STATE OF NORTH CAROLINA

DEPARTMENT OF ENVIRONMENT, HEALTH, 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: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Marietta Overlook Lot #16 PROPERTY RECORDED: _____
WATER SUPPLY: ❑ Private ❑ Public ❑ Well ❑ Spring ❑ Other _____
EVALUATION METHOD: ❑ Auger Boring ❑ Pit ❑ Cut
TYPE OF WASTEWATER: ❑ Sewage ❑ Industrial Process ❑ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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	Pit	0-6"	LS	GR, FR	FR, SS, SP, SE				
		6"-12"	SCL	GR to wk					
		12-30"	C/CL	m-w SBK	SS, SP, SE, Fi FR w/ Common to many SAP Indus.				
			Mica Flakes & Few						
		30-45"	SL	SAP					
2									
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: _____