DEPARTMENT OF ENVIRONMENT 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: Craig Carter Builder — APPLICATION DATE _____
ADDRESS: _____ — DATE EVALUATED: 7-23-07
PROPOSED FACILITY: _____ — PROPOSED DESIGN FLOW (.1949): 440gpd — PROPERTY SIZE: _____
LOCATION OF SITE: Kemp — 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
AH 1		0-20	wk sbksl	fr ss sp			f-sap		ps, 3
		20-33	wk sbk cl	fr ss sp					
		33-46	wk/mo sbk c	fr sss p se					
		46-48	wk sbk cl						
pit 2	end of pit → drive other → 12%	14-0	gravel	drive fill					.3 7"-48" TB @ 30" to ok 36"
		7-0	gravel	fill & A horizon mix					
		0-7	compacted clay						
		7-23	mo sbk c	fr sss p se	f-gravel one side of pit				
		23-48	wk sbk cl	fr ss sp					
pit 3	center yard	0-18	compacted clay / sc			one section 10% of pit			.25
		18-45	mo sbk/abk c	fi/fr ss sp		c-mn f-c sap			
		45-52	mo abk/sbk c/cl						
pit 4		0-26	wk sbk sc l						.3 lowest for cl
		26-55	wk/mo sbk cl/c	fr ss sp	c-mn				
	appears to be		about 4' thick gravel @ ~25" depth						
	with bedrock								

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

COMMENTS: _____

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: T Mewille
OTHER(S) PRESENT: _____

KEMP ROAD

175

176

177

S 70°45'00"E 258.02'

N 31°47'25"E chord 30.36'
R=382.19'
A=30.37'

N 34°04'00"E 102.99'

A=27.78'
R=224.42'
N 30°31'14"E
chord 27.76'

N 74°25'00"W 188.23'

S 25°13'09"E 15.05'

S 33°28'00"W 28.18'

S 57°13'00"W 46.23'

S 76°21'00"W 49.81'

S 63°37'00"W 59.91'

35' SETBACK

50' SETBACK

WELL

Well

Grave

Drain

Drain pipe

Tree

Pine

MCKENDREE ROAD

KEMP ROAD

SITE
753 KEMP RD.

N

W E

S

LAKE NORMAN

NORTH CAROLINA
PROFESSIONAL
SEAL
L-2890
LAND SURVEYOR
JOHN RICHARD HOWARD

SITE PLAN ONLY

THIS WAS MAPPED FROM A DEED OR RECORD PLAT AND NOT FROM A SURVEY BY ME.

30 0 30 60 90

GRAPHIC SCALE – FEET

MAP FOR **CRAIG CARTER BUILDER INC.**

SCALE	TOWNSHIP	COUNTY	STATE	DATE,s
1" = 30'	DAVIDSON	IREDELL	N. C.	7-19-07

PRELIMINARY SURVEY FOR ROSS & SUSAN GERDON

LOT 176 CRESCENT LAND & TIMBER CORP. SECT. 8

HOWARD SURVEYING
JOHN RICHARD HOWARD PLS
P.O. BOX 276 ADVANCE, N.C. (336) 998-5396

JOB NO. 07063