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

PROPERTY ID
COUNTY: _

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____Eugene Adams_____(Chris Adams Buyer)_____ APPLICATION DATE_____
ADDRESS: _197 Indian Trail Mooresville NC_ _____DATE EVALUATED: ___10-21-2005___
PROPOSED FACILITY: _4 Bedroom Home_____PROPOSED DESIGN FLOW (.1949): _480 Gal per day__PROPERTY SIZE: _0.76Ac____
LOCATION OF SITE: _424 Oak Tree Rd._____PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public Ξ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: Ξ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: Ξ 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	L 9%	0-5	WK,F,GR / CL	FR / NEXP	> 45"	>45"	NA	PS	PS 0.35
		5-13	M,M,SBK, / C	SS,SP,FR / SEXP					
		13-30	M,M,SBK / CL	SS,SP,FR / SEXP					
		30-45+	WK,F,SBK / CL	SS,SP,FR / SEXP					
2	L 9%	0-5	WK,M,GR / CL	FR / NEXP	>45"	>45"	NA	PS	PS 0.35
		5-18	M,M,SBK, / C	SS,SP,FR / SEXP					
		18-32	M,F,SBK, / CL	SS,SP,FR / SEXP					
		32-45+	WK,F,SBK, / CL	SS,SP,FR / SEXP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	239LF	
System Type(s)	PPBPS	
Site LTAR	0.35	

OTHER FACTORS (.1946): _____PS_____
SITE CLASSIFICATION (.1948): ___PS_____

EVALUATED BY: _____WO_____
OTHER(S) PRESENT: _____EB,__BF_____

COMMENTS:_____

ITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

ER: Terrie Hayes APPLICANT: _____
DRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 9/13/04
POSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
ATION OF SITE: 424 Oak Tree PROPERTY RECORDED: _____
TER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
LUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
E OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

†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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
	0-4"	Brn SCL	(Top Soil)	SBK SS, SP, SE, FR				
	4"-25"	Rd/Brn CL m-w						
		w/ Few	to Many SAP Inclus					
	25"-30"	L SAP						
	30-40"	SL/L	SAP					
3/2/05	0-3"	Brn SCL	(Top Soil)					PS
	3-18"	Rd/Brn CL	m-w	SBK SS, SP, SE, FR				.35
	18-48"	Yell/Brn L	SAP w/ Common Flakes				Mica	
Transition	18-21"							

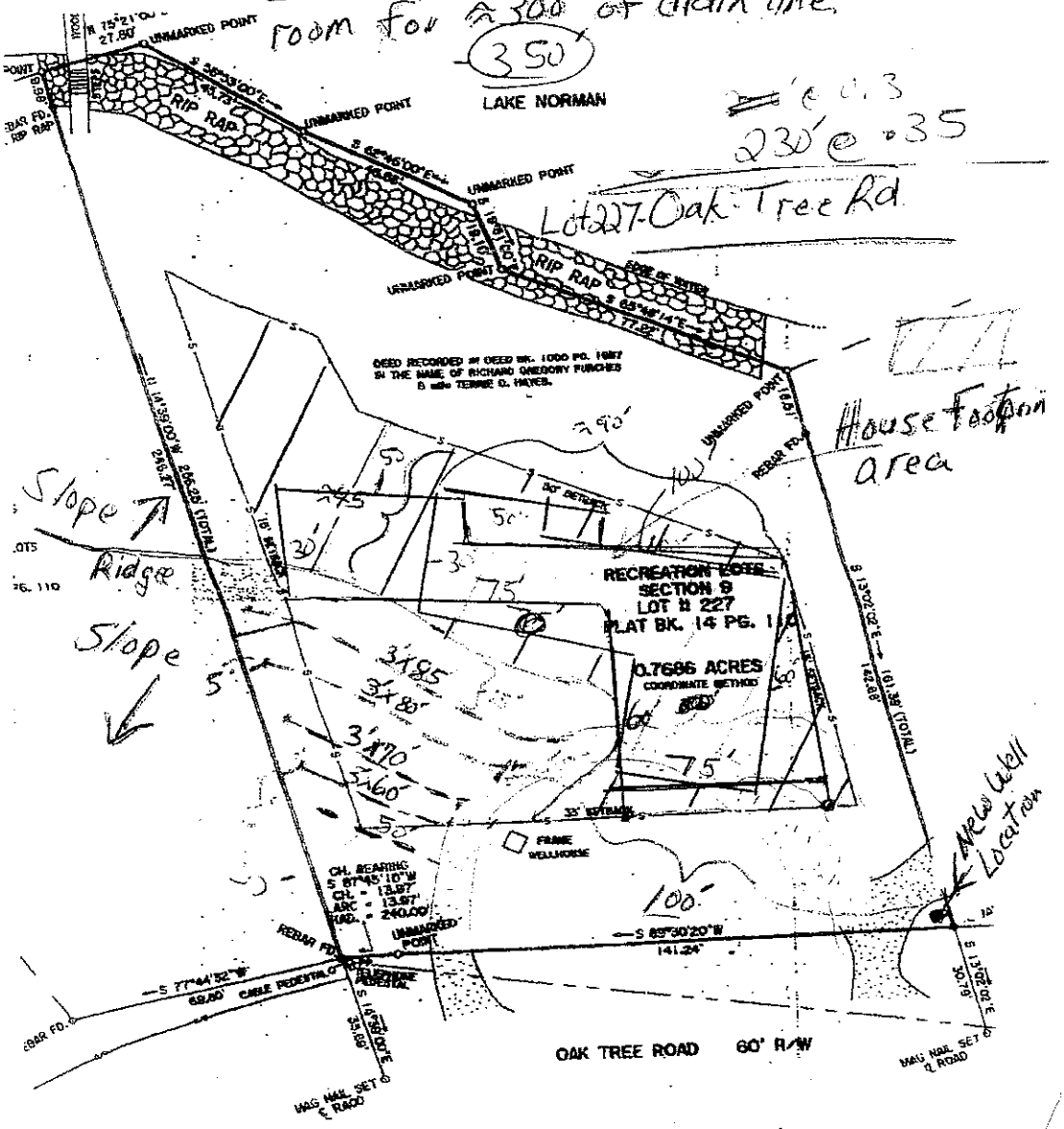
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
able Space (.1945)		
m Type(s)		
TAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____
OTHER(S) PRESENT: _____

Not To Scale
≈ 1" = 38'

Soil - LTAR - 0.35 - Proposed 4-Bedroom
480 gpd - 1200 sq ft + 400 linear ft. @ 50% Reduced
requires 200 linear feet of PPBPS (T+J Panels)
1000 gal septic Tank. Could gravity feed
3-lines of 3'x67' - There is enough
room for ≈300' of drain line.
350'



9-27-04 Russell Williams