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: Knox APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 9-23-96
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 115 Oakbrook PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut Now part of Lot 85
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	1980 SAPRO CLASS	1944 RESTR. HORIZ.	PROFILE CLASS & LTAR
1	L 8-10%	0-36	SaCb brn, r sbl/cl fi sssp sop						PS .3 @ 36"
		36-48+	wksab y-brn r-brn cl fi-vfi numerous y-brn mottles, reduced color & chr 2						
2	L 15%	12-5	gr sab, R-brn scl fr		reduced color 32"+	U 32"+			PS .3 @ 32"
		5-32	m-wksab red	fi sssp sop					
		32-48+	wksab massive y-brn w/red mottles	sl sap					
3	Ridge Headslope 10-15%	0-32	g-sab R-brn/dk brn fscl fr						B .3
		32-48	m-wksab R, brn/R cl fi sssp sop						
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: _____

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: Knox APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 7-23-96
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: ___
LOCATION OF SITE: Lot 114 Cardinwood PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut now part of Lot 85
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR. HORIZ.	PROFILE CLASS & LTAR
1	L 10-15% M eroded	0-14	SaL pbrn, rscl/cl fr sss/sap			U 14"+			U
		14-60+	wksab, mamire cl sap						
2	L ~10%	0-16	SaL brn, rscl/cl fr sss/sap				U Horiz		U
		16-44	gr-mamire cl brn scl sap fr-fi						
		44-60+	brn scl sap fr sss/pass-sp						
		44+	mottles, wetbd 2ow sap. 1980						
3	L 6-8%	0-23/36	SaL rcl	fi sss/sap/sp			U		U
		23/36-55+	cl sap fr-fi sss/sap/sp						
			variable soil depth, swamp boundary						
4	L 4-6% Severely eroded	0-20					U		U
		20-60+	mamire-sa pbrn-brn cl sap fi-fr						
			Unconsolidated sss/sap/sp						
			on old landfill pit						

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

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

Saprolites when 2½-4' tapering to have too much clay a .1948 D may be a solution (though probably unlikely)