0002

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

108272
4784-23-5363.B

OWNER: RAY ANDERSON APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: 3.2AC
LOCATION OF SITE: ELMWOOD, (E) LOUDOUN CROSS BRIDGE ON LEFT PROPERTY RECORDED: ___
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

(5) 0-40" expansive clay / 40-70" SL saprolite — WEST SIDE OF PIT
0-48" expansive clay / 48-80" SL saprolite — EAST SIDE OF PIT
(6) 0-20" massive expansive clay / 20-70" SL saprolite structureless — GRADE OFF 24" PS .3

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	PROFIL. CLASS & LTAR
1		0-16"	EXP CLAY, DRK BROWN, NS, VP, EXP		massive	Very loose peds		PLATY	US
		16-60"	HARD SAPROLITE / ROCK						
2		0-24"	exp clay						US
		24-60"	sticky saprolite						
		60"	saprolite f ns np nexp						
3		0-24"	massive ped >1" exp 2/1 clay, vf, vs, vp, v exp						PS .3
		24-31"	C sap able	f vs vp, SCAP		GRADE OFF 24" TO USABLE SAPROLITE ISAT			
		31-65"	SL sap structureless ns np nexp						
4		0-14"	massive ped >1" exp 2/1 clay, v f, vs, vp, v exp						PS .3
		14-24"	C sap able	f vs vp, SCAP		GRADE OFF 24" TO USABLE SAPROLITE			
		24-64"	SL sap structureless ns np nexp						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	CONV GRAV	CONV GRAV
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. COOK, B. FREEMAN, P. MITCHELL
OTHER(S) PRESENT: RAY ANDERSON