DHHS

ON-SITE WASTEWATER SECTION

Sheet ____ of ____
PROPERTY ID #: ____
COUNTY: ____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: William Burger
APPLICATION DATE: 7/13/16
ADDRESS: 310 Damascus Church Rd
DATE EVALUATED: 2-24-17
PROPOSED FACILITY: 2 BR
PROPOSED DESIGN FLOW (.1949): 240 GPD
PROPERTY SIZE: 7.412
LOCATION OF SITE: 310 Damascus Church Rd
PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other Existing
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

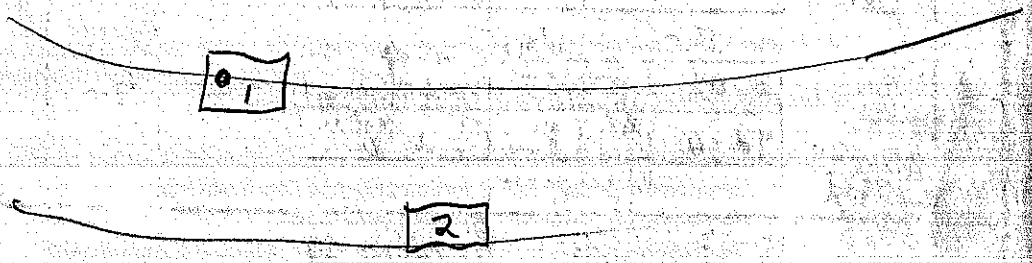
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	SS 10% Primary Upper Header	0-10	SCL w.SBK	SI. Firm, SS, Sp, Sexp	—	38"	—	—	0.3 PS TB 22-28" w/o correction
		10-20	Clay m.SBK	SI. Firm, SS, Sp, Sexp					
		20-38	Clay Loam m. SBK + mica	SI. Friable, SS, Sp, Sexp					
		38-66	Loamy Saprolite MA w/ Clay Pockets	moderately Drained + Friable					
			38"-48"						
2	cobble → 11% Primary Lower Mid	0-16	SCL w.SBK	SI. Firm, SS, Sp, Sexp	—	42	—	—	0.3 PS TB 22-30" w/o correction
		16-30	Clay m-S SBK/ABK	SI. Firm, SS, Sp, Sexp					
		30-42	Clay Loam m. SBK	SI. Friable, SS, Sp, Sexp					
		42-60	MA Dense Saprolite (Loamy)	SI. Friable, Medium Drained					
			Clay Inclusions 42"-50"						
3	10% Repair Upper	0-17	SCL W.SBK	SI. Firm, SS, Sp, Sexp	—	45	—	—	0.3 TB 20-33"
		17-29	Clay m SBK/ABK	SI. Friable, SS, Sp, Sexp					
		29-45	Clay Loam w. SBK	SI. Friable, SS, Sp, Sexp					
		45-62	MA Saprolite some Dense	Friable + moderately Drained					
4	Repair Lower/Mid	0-18	SCL V.W SBK	SI. Firm, SS, Sp, Sexp	—	71	—	—	0.3 PS
		18-36	Clay W→M SBK/ABK	SI. Firm, SS, Sp, Sexp					
		36-71	Clay Loam W. SBK	Friable, SS, Sp, Sexp					
			+ some mica somewhere Saprolite						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	200 l.f.	200 l.f.
System Type(s)	25% reduction	25% reduction
Site LTAR	0.30	0.30

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: Mohammed

COMMENTS: ____




1
2

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet ___ *of* ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 9-12-16
PROPOSED FACILITY: 2BR House PROPOSED DESIGN FLOW (.1949): 240 GPD PROPERTY SIZE: _____
LOCATION OF SITE: 310 Damascus Church Rd 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)		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		0-9	Br. Loam w. sBK	sl. grnd Friable, SS, Sp, Soap	—	31	—	—	Need P,T 0.35 [in saprolite] PS
		9-16	Br. clay w. sBK + mica	sl. Firm, SS, Sp, Soap					
		16-31	Br. Clay Loam w. sBK w/ Rock Fragments 24"-30"	Friable, sl, Sp, Soap					
		31-48	Loamy Saprolite Massive	Very friable + moderately drained					
2		0-8			—	32	—	—	Need P,T 0.375 [in saprolite]
		8-17							
		17-32							
		32-48	Loamy Saprolite Massive						
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: _____

COMMENTS: _____