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: _____ APPLICATION DATE_____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: 3 bedroom_____PROPOSED DESIGN FLOW (.1949): _360 gpd_____ PROPERTY SIZE: ____0.54 ac_____
LOCATION OF SITE: __Wheatfield Lot 57_____ 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 SAP CLASS	.1944 RESTR HORIZ	
AB 1	LS 10%	0-5	FILL		Com YB Few YB -----	48"	F-C Inc SAP		PS 0.25
		5-17	R C SBK	Fi SS SP					
		17-21	R CL WSBK	Fr SS SP					
		21-48	R CL WSBK	Fr SS SP					
AB 2	LS 10%	0-3	Br SCL WSBK	Fr SS SP	Com YB Few YB -----	48"	F-C Inc SAP		PS 0.25
		3-24	R C SBK	Fi SS SP					
		24-30	R C/CL SBK	Fr SS SP					
		30-48	R CL WSBK	Fr SS SP					
AB 3	LS 5%	0-9	Br SCL WSBK	Compacted	Com YB -----	48"	F-C Inc SAP		PS 0.25
		9-31	R C SBK	Fi SS SP					
		31-48	R CL WSBK						
AB 4	LS 10%	0-4	Br SCL WSBK	Compacted	Com YB -----	48"	F-C Inc SAP		PS 0.25
		4-32	R C SBK	Fi SS SP					
		32-48	R CL WSBK	Fr SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1080 FT2	480 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.25	0.25

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

EVALUATED BY: _Michael Athanas & Assoc., Inc._____
OTHER(S) PRESENT: _____

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

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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	
5	LS 3-5%	0-7	FILL		Comm to many Dr. Mottles	50"			PS .25
		7-28	Red Clay SBK	FR. SS/SSP					
		28-50	Red CL SBK	FR SS/SP					
6	LS 3%	0-7	FILL		Comm to many Dr. Mott. Chr. 3	48"			PS .25
		7-30	Red Clay SBK	FR SS/SP					
		30-48	Red CL WSBK	FR SS/SP					
P 1	LS 3-5%	0-5	FILL		Comm to many Dr. Mott. Chr 3-4	50"			PS .25 RA
		5-32	Red Clay ABK	FR SS/SP					
		32-50	Red CL WSBK	FR SS/SP					
P 2	LS 3-5%	0-9	FILL		Comm to many Dr. Mott.	50"			PS .25 RA
		9-30	RY Clay ABK	FR SS/SP					
		30-50	Red CL WSBK	FR SS/SP					
P 3		0-9	FILL		Comm. Dr. Mott.	50"			PS .25 RA
		9-30	Red Clay ABK	FR SS/SP					
		30-50	Red CL WSBK	FR SS/SP					

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

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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	
P 4	LS 4%	0-9	FILL		Comm. Dr. Mott	54"			PS .25 RA
		9-13	YBr. SCL WSBK	FR SS/SP					
		13-38	R Clay ABK	FR SS/SP					
		38-54	R CL WSBK	FR SS/SP					

COMMENTS: Please note all of the pits exhibit a small amount of compaction at the surface due to a spoil pile that was located on the lot. MA&Assoc., Inc. recommends that this system's trench bottom be located at 36" in order to take advantage of better soil conditions, our LTAR reflects this.