DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
[illegible] Wastewater Section

Sheet ___ of ___
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Needham Homes, Inc
ADDRESS: ___ APPLICANT: ___
APPLICATION DATE: ___ DATE EVALUATED: ___
PROPOSED FACILITY: ~~Duplex~~ 4 PROPOSED DESIGN FLOW (.1949): 480 gpd PROPERTY SIZE: 30,000 ft²
LOCATION OF SITE: Lot 14 Wedgefield Drive 3 PROPERTY RECORDED: no
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) 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 4%	0-6	gr-brsl	fr					.34
		6-12	sabl RCL	fr sp 1"					
		12-25	sabl RC	fr sp 1"					
		25-40	mottled RCL	fr ss,sp 1"					
2	L EROD 4%	0-6	brn scL	fr 1"					(2)
		6-13	sabl R C	fr-mod sp	1:1/mod				
		13-23	mottled RCL	many endwater	fi fr sp 12"				
		23-32+	red brn CL	many gd endwater	fr ss,sp				
3	L EROD 4%	0-12	sabl R mod CL	fr-fi sp					.3
		12-30	SAND R CL	fr ss,sp		< 30"	30"+		
		30-48	mottled R clay	fr ss,sp					
			many fine mottles, many endwater						
4	L 4%	0-8	gr brn CL	fr					.3
		8-24	SAND RC	1" fr-fi sp					
		24-40	mottled CL	1" fr ss,sp		40"	40"+		
		40-48	mottled SCL many gd endwater						
			many endwater low in profile						

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

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

3-20-96 - Recommended to M Needham that dwelling be moved back further (>35') and constructed on fill where deeper soils are more shaded. Other potential options include reducing footprint of dwelling by going 2 stories and using pressure distribution (IV) to utilize the small areas presently available. This site will require [illegible]