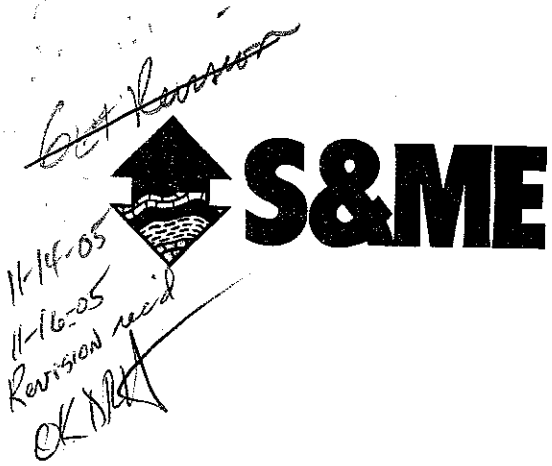


To: Mr. David Hinson
Iredell County Environmental Health Department

From: Rob Wilcox, LSS
Kathleen Haver

RE: Chesapeake Pointe- Chesapeake Pointe LLC- Lot 7 Fast Track

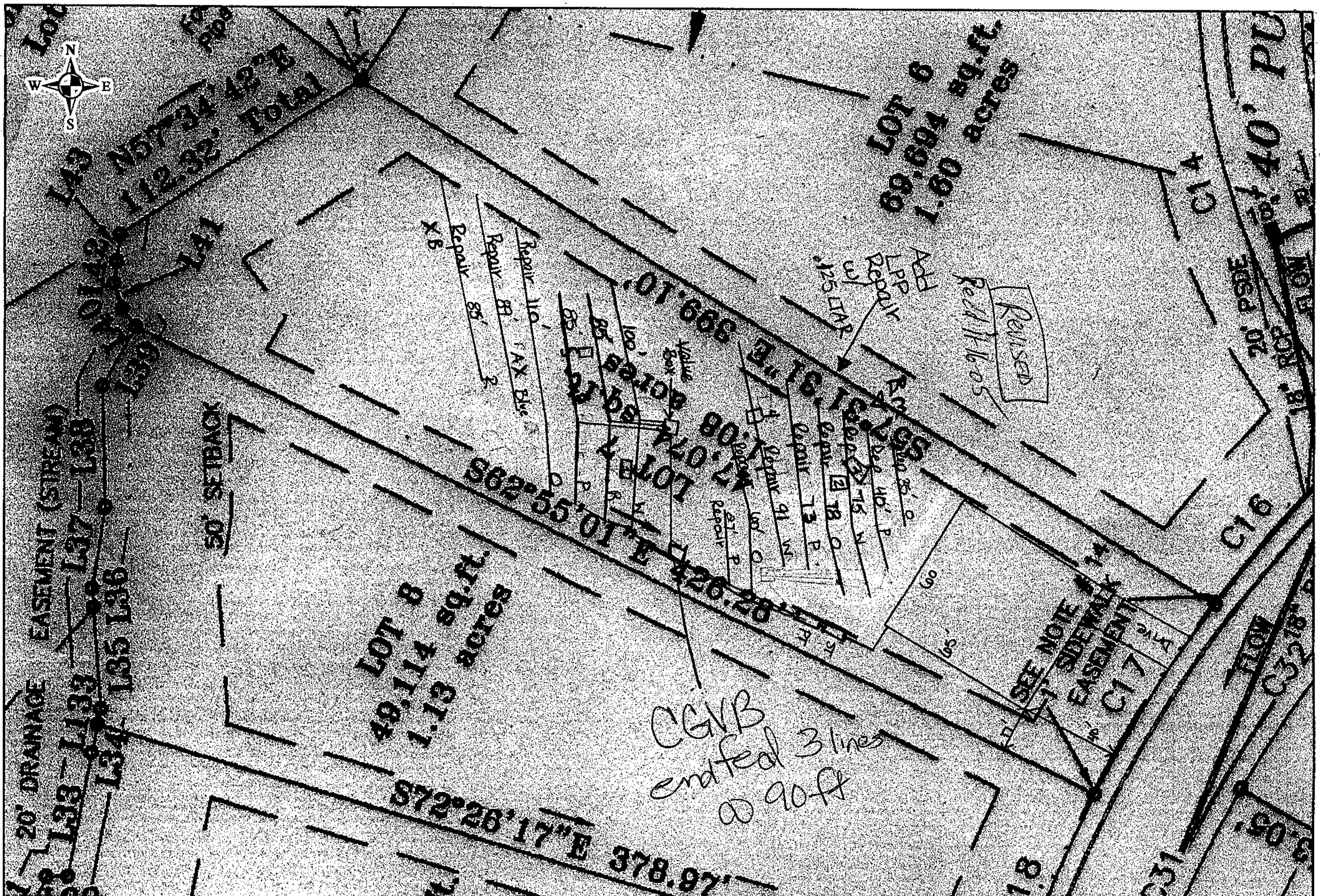
Date: November 4, 2005

Attached is the Fast Track information required to place Lot 7 Chesapeake Pointe on your developer work list. Please call when you are ready to review the lot and we will meet you on the site.

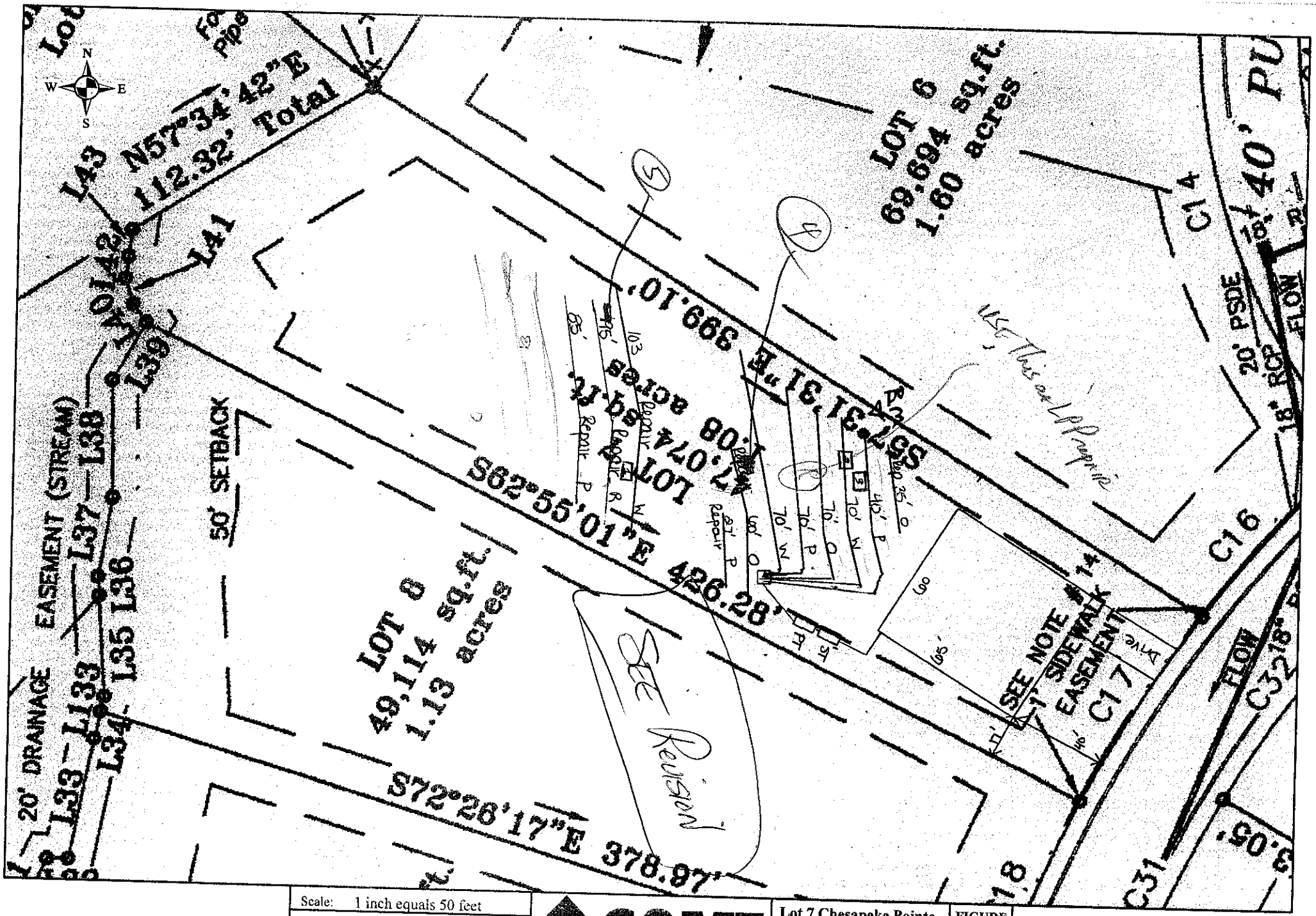
The attached information is not an Improvement Permit or Authorization to Construct, and is only to assist you and the Iredell County Environmental Health Department (ICHD) with your site evaluation. The ICHD has to approve each lot and only the ICHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC rules. If the ICHD wishes to change tank locations, distribution devices, etc., this can be shown on the Improvement Permit.

S&ME, Inc.
105-D Denver Business Park Dr.
Mooresville, North Carolina 28115-7926

(704) 662-8625
(704) 662-8735 fax
www.smeinc.com



Scale: 1 inch equals 50 feet	S&ME ENVIRONMENTAL SERVICES • ENGINEERING • TESTING	Lot 7 Chesapeke Pointe	FIGURE
Drawn by: JBP		Detailed, Scaled Site Plan	1
Reviewed by: MEM		Iredell County, NC	
Date: November, 2005		S&ME Project #1588-04-011	



Scale: 1 inch equals 50 feet	S&ME	Lot 7 Chesapeke Pointe	FIGURE
Drawn by: JBP	ENVIRONMENTAL SERVICES · ENGINEERING · TESTING	Detailed, Scaled Site Plan	1
Reviewed by: MEM		Iredell County, NC	
Date: November, 2005		S&ME Project #1588-04-011	

Lot 7 Chesapeake Pointe Fast Track Septic System Information

Number of Bedrooms	4
Basement or Crawl	Crawl Space
Design Flow (gpd)	480
LTAR (gpd/ft2)	0.3
Primary System Type	LP PPBPS
No. Lines	1 @ 100' centerfed 2 @ 85' centerfed
Trench Width	2' min.
Trench Spacing	8' min.
Total Ft. Line	270
Pump Required	Yes
Distribution Device	Gate Valve Box w/ LPP Dist.
Maintenance Agreement Required	Yes
Repair System	LP PPBPS
Total Ft. Line	284
Elevations (Rod Readings)	
Upper Line	Orange 1.3'
Lower Line	Red 19.3'
Tank	5.4'
House Corner	3.4'
Benchmark	1.5'

Notes: Additional Repair area in back of lot and LPP repair behind house
Benchmark is a tree on right PL

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: Chas. Pnt — APPLICANT: ___
ADDRESS: ___ — APPLICATION DATE: ___ — DATE EVALUATED: 10/20
PROPOSED FACILITY: ___ — PROPOSED DESIGN FLOW (.1949): ___ — PROPERTY SIZE: ___
LOCATION OF SITE: Lot #7 — 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) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 12-18%	0-7	2 GR SL	SS SP FR	Br				.3
		7-12	1 SBK SCL	SS SP FR	Red Br				
		12-37	2 SBK C	SS SP FR	Red				
		37-48	1 SBK CL	SS SP FR	Red; F/C Sap				
2	L 5-10%	0-23	1-2 SBK SCL	SS SP FR	Br				.25
		23-30	2 SBK C	SS SP FR	Red				
		30-48	2 SBK C	SS SP FR	Red; C/M weathered Rock				
3	L 2-4%	0-9	1 SBK SL	SS SP FR	Br				.25
		9-48	1-2 SBK C	SS SP FR	Red; M weathered Rock veins				
4	11-14%	0-11	gr-wkSBK brwn scl	fr sspl					.125 LPP soil Rpt
		11-24	SBK red c	fr sspl					
		24-48	mostly wrock + sap w/some soil						

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

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

Farthest from HS

Closest to HS

① level 5.8 1/4

② 5.8 1/2 6.10 1/2

③ 6.10 1/2

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: Ches. Pointe _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 11/14/05
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 7 _____ 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	
A 1	L	0-4	1 SBK SL	SS SP FR	Br				.3 48"
		4-30	2 SBK C	SS SP FR	Red				
		30-48	1 SBK CL	SS SP FR	Red; F/c sap				
B 2	L	0-4	2 GR SL	SS SP FR	Br				.3 48"
		4-14	1 SBK SCL	SS SP FR	Red Br				
		14-32	2 SBK C	SS SP FR	Red				
		32-48	1 SBK CL	SS SP FR	Red; F/c sap				
3									
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Kathleen Haver
OTHER(S) PRESENT: _____

COMMENTS: _____