S&ME

11-14-05
Call Received
Read 11-16-05

To: Mr. David Hinson
Iredell County Environmental Health Department

From: Rob Wilcox, LSS
Kathleen Haver

RE: Chesapeake Pointe- Chesapeake Pointe LLC- Lot 6 Fast Track

Date: November 4, 2005

Attached is the Fast Track information required to place Lot 6 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.

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S&ME, INC.
SOIL PROFILE DESCRIPTIONS

Client:	RIDGELINE DEVELOPMENT CO.	Date:	7/21/04
Project Name:	CHESAPEAKE POINT	Project No.	1588-04-
County:	IREDELL	State	N.C.
Location:	# 44	Site/Field No.	LOT 6
Soil Series:			
Apparent Water Table:	> 42"	Seasonal High Water Table:	> 42"
Vegetation:	HICKORY, WHITE OAK, POPLAR	Slope:	2-6%
Boring Terminated at	42 Inches		

Horizon	Depth	Matrix	Mottles	Texture	Structure	Consistence	Boundary
Ap	0-8	7.5YR 5/6	-	sl	1fgr	mfr	cs
B+1	8-28	10R 4/4	-	c	1msbk	mfr	gw
B+2	28-42+	10R 4/4	-	c/cl	1fsbk	mfr	-

COMMENTS:

28-42- many fine mica flakes

LEGEND:

DESCRIBED BY: _____ DATE: _____

Lot 6 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	25% Reduction
No. Lines	5 @ 80' endfed
Trench Width	3'
Trench Spacing	9'
Total Ft. Line	400
Pump Required	No
Distribution Device	D Box
Maintenance Agreement Required	No
Repair System	LP PPBPS
Total Ft. Line	271
Elevations (Rod Readings)	
Upper Line	Orange 4.0'
Lower Line	Red 16.3'
Tank	0.9'
House Corner	1.05'
Benchmark	6.9'

Notes: Additional Repair area in back of lot
Benchmark is a tree on left PL

Lot 6 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	25% Reduction
No. Lines	4 @ 100'
Trench Width	3'
Trench Spacing	9'
Total Ft. Line	400
Pump Required	No
Distribution Device	D Box
Maintenance Agreement Required	No
Repair System	LP PPBPS
Total Ft. Line	293
Elevations (Rod Readings)	
Upper Line	Orange 4.0'
Lower Line	Red 11.8'
Tank	0.9'
House Corner (rt. Rear)	1.05'
Benchmark	6.9'

Old
See Revision

Notes: Additional Repair area in back of lot
Benchmark is a tree on left PL

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 6 of 13
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Chesapeake Pointe _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 5/16/05
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 6 _____ 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	Linear CC 0-2%	0-7	WK SBK SL	SS SP FR SE	Br	weathered Rocks 26-40" can dig			.3
		7-42	SBK C	SS SP FR SE	Red; F				
2	Ag. 0-2%	0-18	WK SBK SL	SS SP FR SE	Br				.3
		18-48	SBK C	SS SP FR SE	Red, F; F cap				
3	11/4/05	0-10	gr-wk sbk brn sl	vfr sss p					.3 to 36"
		10-36	SBK Red C	fR SSS P SE					
		36-48	wk sbk-massive	SFP/w rock w/ soil fi-ufi	SSP				
4			Rock intrusion to ~18" on East wall			(4)			(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: _____

(over)

#5 0-3 g-wks s&k fert sol fert (dry) sssp
3-7 wks s&k RC fert sssp step
10% 7-53 wks s&k RC fert sap 2-fert sssp (dry)

.3

Email to I.C Zoni
esomers@co.iredell.nc.us

3 5.7 5.7 1/2
2 5.0 3/4 5.1
1 8.0 1/4 8.5

Lot #1
Tanks to ~~left~~ rear of hse
3-90' end feed

Lot #2
Tanks to opp side of rear of hse
3-90' end feed

Lot #8
End feed lines
1-100'
1-110'
1-60'

Lot #6
4-100' [illegible]