DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: Welco Development PHONE: _____ DATE REQUESTED: _____ DATE EVALUATED: 2/21/04

ADDRESS: _____ PROPERTY IDENTIFICATION NO.: _____

COUNTY: _____ PROPERTY SIZE: .81 PROPOSED FACILITY: 4B - 3BR - CABIN

LOCATION OF SITE: Lot 42 Silo Cove

WATER SUPPLY: On-Site Well X Community ____ Public ____ EVALUATION BY: Auger Boring ____ Pit X Cut ____

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	L	L	LT	LT	
SLOPE(%)	5-7	5-			
HORIZON I DEPTH	0-10	0-12	0-14	0-12	
Texture Group	B scL	B cl	B cl s	B c	
Consistence	FR SS SP	FI SS-SP	FR SS-SP	FR S-P	
Structure	SBK	Sblk	sbk	sblk	
Mineralogy	1:1	1:1	1:1	1:1	
HORIZON II DEPTH	10-25	12-37	14-60	12-32	
Texture Group	RB mic cl	R mic cl	RB c	RB c	
Consistence	FR S-SP	FI S-SP	FR S-P	FR S-SP	
Structure	SBK	m sblk	wk sbk ~ MASSIVE	sbk	
Mineralogy	1:1	1:1	1:1	1:1	
HORIZON III DEPTH	25-52	37-59		32-60	
Texture Group	RB, c/SCRB mic	R cl sap		R mic cl	
Consistence	FR-SS-SP	FR SS-SP		FR S-SP	
Structure	sbk	wk		sbk	
Mineralogy	1:1	1:1		1:1	
HORIZON IV DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
SOIL WETNESS					
RESTRICTIVE HORIZON					
SAPROLITE					
CLASSIFICATION					
LONG-TERM ACCEPTANCE RATE					

SITE CLASSIFICATION: PS SITE LONG-TERM ACCEPTANCE RATE: .3

EVALUATED BY: Sparks OTHER(S) PRESENT: Joe Miller

REMARKS: Pressure to Typ 3 drainfield possible w/ 50' setback from road R/W

LEGEND

LANDSCAPE POSITION
R - Ridge
S - Shoulder slope
L - Linear slope
FS - Foot Slope
N - Nose slope
H - Head slope
Cc - Concave slope
Cv - Convex slope
T - Terrace
FP - Flood Plain

TEXTURE
s - sand
ls - loamy sand
sl - sandy loam
l - loam
si - silt
sil - silt loam
sicl - silty clay loam
cl - clay loam
scl - sandy clay loam
sc - sandy clay
sic - silty clay
c - clay

Use the above standard abbreviations.

CONSISTENCE

Moist
vfr - very friable
fr - friable
fi - firm
vfi - very firm
efi - extremely firm

Wet
Ns - non-sticky
Ss - slightly sticky
S - sticky
Vs - very sticky

Np - non-plastic
Sp - slightly plastic
P - plastic
Vp - very plastic

STRUCTURE
sg - single grain
m - massive
cr - crumb
gr - granular
sbk - subangular blocky
abk - angular blocky
pl - platy
pr - prismatic

MINERALOGY
1:1, 2:1, mixed

NOTES:
Horizon Depth --in inches
Depth of Fill --in inches from land surface
Restrictive Horizon--thickness and inches from land surface
Saprolite --S (suitable) or U (unsuitable)

NOTES:
Soil Wetness --inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less--record Hunsell color chip design
Classification--S (suitable), PS (provisionally suitable) or U (unsuitable)
Long-Term Acceptance Rate--gal/day/ft²