

SFD 2303-0031
 Lot 97
 Southbrook

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: Applicant: *Watermark Homes*
 Address: SFD
 Proposed Facility: Date Evaluated: Design Flow (.1949): *360*
 Location of Site: Property Recorded: Property Size:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.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 (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	<i>L-5%</i>	0-15	SL	<i>fr GRNSUP</i>					
		15-42	<i>SLay</i>	<i>frn SBKSP.</i>	<i>34-36" ^{5% Z1}</i>	<i>42H+</i>			<i>.3</i>
2	<i>L-5%</i>	0-12	SL	<i>fr GRNSUP</i>					
		12-40	<i>SLay</i>	<i>frn SBKSP.</i>	<i>28-30" ^{5% Z1}</i>	<i>40H+</i>			<i>.3</i>
3.4	<i>L-5%</i>	0-10	SL	<i>fr GRNSUP</i>	<i>WET + STICKY</i>	<i>Loose structure</i>			<i>PS</i>
		10-40	<i>SLay</i>	<i>frn SBKSP.</i>	<i>26-28"</i>	<i>40H+</i>			<i>.25-.3</i>
5-			<i>WET</i>	<i>SUB</i>					

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>JZ</i> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<i>SOPRO</i>	<i>SOPRO</i>	
Site LTAR	<i>.3</i>	<i>.3-.25</i>	

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE				FI-FIRM	S-STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE		L-LOAM		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE					SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE	III	SI-SILT	0.6 - 0.3		P-PLASTIC
CV-CONVEX SLOPE		SIL-SILT LOAM			VP-VERY PLASTIC
T-TERRACE		CL-CLAY LOAM			
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 - 0.1		
		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE
 SG-SINGLE GRAIN
 M- MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)

