

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

Owner: Applicant: *Lyon Builders*
 Address: Date Evaluated: *12/2/19*
 Proposed Facility: *SFD 40' x 50'* Design Flow (.1949): *360 GPD* Property Size:
 Location of Site: *Gravamed* Property Recorded:
 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	
<i>1,2</i>	<i>R < 5%</i>	<i>0-28</i>	<i>GR SL</i>	<i>VFR SEXp</i>	<i>nsnp</i>				
		<i>28-48</i>	<i>BK SCL</i>	<i>Fi</i>	<i>SEXp</i>		<i>48"</i>		<i>PS 0.5</i>
<i>3</i>	<i>L < 5%</i>	<i>0-30</i>	<i>GR LS</i>	<i>VFR SEXp</i>	<i>nsnp</i>				
		<i>30-48</i>	<i>BK SCL</i>	<i>Fi</i>	<i>SEXp</i>		<i>48"</i>		<i>PS 0.5</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<i>25' Red</i>	<i>pump to 25' Red</i>	
Site LTAR	<i>0.5</i>	<i>0.5</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-SLIGHTY STICKY
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM		SP-SLIGHTLY STICKY	
CC-CONCLAVE SLOPE		CL-CLAY LOAM		P-PLASTIC	
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM		VP-VERY PLASTIC	
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		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

Berkhaven School Rd
 Show profile locations and other site features (dimensions, references of benchmark, and North)

