

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

Owner: Applicant: **Stern Gazlay**
 Address: Date Evaluated: **3/10/2020**
 Proposed Facility: **SFD 51' x 32'** Design Flow (.1949): **360 GPD** Property Size:
 Location of Site: **1662 Cameron** 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	
1	L < 5%	0-13	GR SC	Fi sexp	S P 10YR6/2	13"			UN
2	L < 5%	0-15	BK SC	Fi sexp	S P 10YR6/1	15"			UN
3	L < 5%	0-20	BK C	Fi sexp	S P 10YR7/2	20"			UN
4	L < 5%	0-22	GR SL	VFR sexp	nsnp				
		22-32	BK SC	Fi sexp	SSSP	32"			PS 0.3
5	L < 5%	0-20	GR SL	VFR sexp	nsnp				
		20-30	BK SC	Fi sexp	SSSP	30"			PS 0.3
6	L < 5%	0-25	GR SL	VFR sexp	nsnp				
		25-33	BK SC	Fi sexp	SSSP	33"			PS 0.3

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948): Provisionally suitable
System Type(s)	2.5% Red	2.5% Red	Evaluated By: Brittany Adams
Site LTAR	0.3	0.3	Others Present:

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	
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	
N-NOSE SLOPE				EFI-EXTREMELY FIRM	
H-HEAD SLOPE	III	SI-SILT	0.6 - 0.3		VS-VERY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			
CV-CONVEX SLOPE		CL-CLAY LOAM			
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1		NP-NON-PLASTIC
		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)

