

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

Owner: *Zenna*  
 Applicant: *Salvador Echevarria*  
 Address: *20 Geoffrey Circle, Broadway* Date Evaluated: *7-8-19*  
 Proposed Facility: *manufactured* Design Flow (.1949): *450 GPD* Property Size:  
 Location of Site: *DW* 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	LS 23%	0-13"	Gr SL	VFr SExp	ns np				
		13-37"	SBK SC	Fr SExp	ss sp				PS
		37-48"	SBK SC	Fr SExp	ss sp 7.5YR 7/2	37"			0.4
2	LS 23%	0-12"	Gr SL						
		12-30"	SBK SC	Fr SExp	ss sp				PS
		30	SBK SC			30"		ROCK	0.35
3	LS 23%	0-12"	Gr SCL	VFr SExp	ns np				
		12-31"	BK SCL	Fr SExp	ss sp				PS
		31-48"	BK SCL	Fr SExp	ss sp 7.5YR 8/2	31"			0.35
4,5	LS 24%	0-33"	Gr SL	VFr SExp	ns np				PS
		33-48"	GR SCL	Fr SExp	ns np 5YR 7/2	33"			0.35

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948): <i>Provisionally Suitable</i>
System Type(s)	<i>25% Red.</i>	<i>25% Red</i>	Evaluated By: <i>Brittany Adams</i>
Site LTAR	<i>0.35</i>	<i>0.35</i>	Others Present:

COMMENTS: \_\_\_\_\_

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

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)





