

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

*Bless 2009-0004
 389
 Neesen
 Pettrands*

Owner: Applicant: *Clay T Vaupe*
 Address: Date Evaluated: *10-29-20*
 Proposed Facility: *mod* Design Flow (.1949): *360 GPD* Property Size:
 Location of Site: *Possel Detention* 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	0-34	SL	FA GRNSMP					PS
	2-5%	54-48	SCL	FA SOLSSSP	48" +	48" +			-4 <i>Grp</i>
2	L 25%	0-24	SL	FA GRNSMP					PS
		24-44	SLL	FA SAKSSSP	48" +	48" +			.4 <i>Grp</i>
3	L	0-30	SL	FA GRNSMP					PS
	25%	30-48	SCL	FA SAKSSSP	10 yr 6/2 @ 38"	48" +			.4 <i>Grp</i>

Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>JM</i> Others Present:
Available Space (.1945)			
System Type(s)	<i>CS</i>	<i>CS</i>	
Site LTAR	<i>0.4</i>	<i>0.4</i>	

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		
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

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

