

SFD1906-0025

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

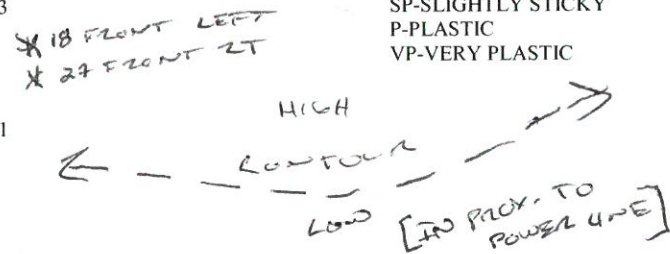
Owner: ✓ Applicant: Brad Cummings
 Address: 70 Haddenck Ln Date Evaluated: 07/01/2019
 Proposed Facility: 482 SFD Design Flow (.1949): 480 GPD Property Size:
 Location of Site: _____ Property Recorded: _____
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 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 3%	0-38	GL LS	VM NSMP					PS
		32-48	MA SLL	FA SSSP		48			0.4
2,4	L 3%	0-24	GL LS	VM NSMP					PS
		24-42	MA SLL	FA SSSP	7.5% 7.1 @ 42"	42			0.4
3	L 3%	0-17	CL LS	VM NSMP					PS
		12-27	MA SLL	FA SEP	2.5% 4.1 @ 27"	27			0.35
5	L 3%	0-38	CL LS	VM NSMP					PS
		32-42	MA SLL	FA SSSP					PS
		42+	ROCK	—		42			0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948): <u>Provisionally Suitable</u>
System Type(s)	<u>25% LCL</u>	<u>25% MCL</u>	Evaluated By: <u>Andrew Curran, MHS</u>
Site LTAR	<u>0.4</u>	<u>0.4</u>	Others Present:

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	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	IV	SCL-SANDY CLAY LOAM	0.4 - 0.1		VP-VERY PLASTIC
T-TERRACE		SIC-SILTY CLAY			
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			



STRUCTURE
 SG-SINGLE GRAIN
 M-MASSIVE

MINERALOGY
 SLIGHTLY EXPANSIVE

CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

EXPANSIVE

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

