

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

Owner: *Angelo Trofani*  
 Applicant:  
 Address: *Sunridge Dr*  
 Proposed Facility: *Down H (32' x 76')* Date Evaluated: *1-12-21*  
 Design Flow (.1949): *360 GPD*  
 Location of Site:  
 Water Supply:  Public  Individual  Well  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process

Property Size:  
 Spring  Other  
 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	
1-2-3	L	0-4	LS(A) Gr	Fr/ns/np/nxp					PS .4
	2-7%	4-14	LS Gr	Fr/ns/np/nxp	10yr 6/1 @ 24"	>48"	-	-	Group III
		14-48	sci SBk	Fi/ss/sp/sxp	" Pump to Repair Area"				
4-6	L	0-14	LS(A) Gr	Fr/ns/np/nxp	10yr 4/2 @ 12"	>48"	-	-	U
	2-7%	14-48	sci SBk	Fi/ss/sp/sxp	10yr 6/2 @ 14"				
5-7 8-9	L	0-4	LS(A) Gr	Fr/ns/np/nxp					PS .4
	2-7%	4-22	LS Gr	Fr/ns/np/nxp	10yr 6/2 @ 30"	>48"	-	-	Group III
		22-48	sci SBk	Fi/ss/sp/sxp					

Description	Initial System	Repair System	Other Factors (.1946): <i>lateral ground water mound from 0" to 22"</i> Site Classification (.1948): <i>PS</i> Evaluated By: <i>M Osborn RGH</i> Others Present:
Available Space (.1945)	<i>✓</i>	<i>✓</i>	
System Type(s)	<i>252 rad</i>	<i>252 rad (Pump)</i>	
Site LTAR	<i>.4</i>	<i>.4</i>	

\* will require French Drain to divert lateral ground water

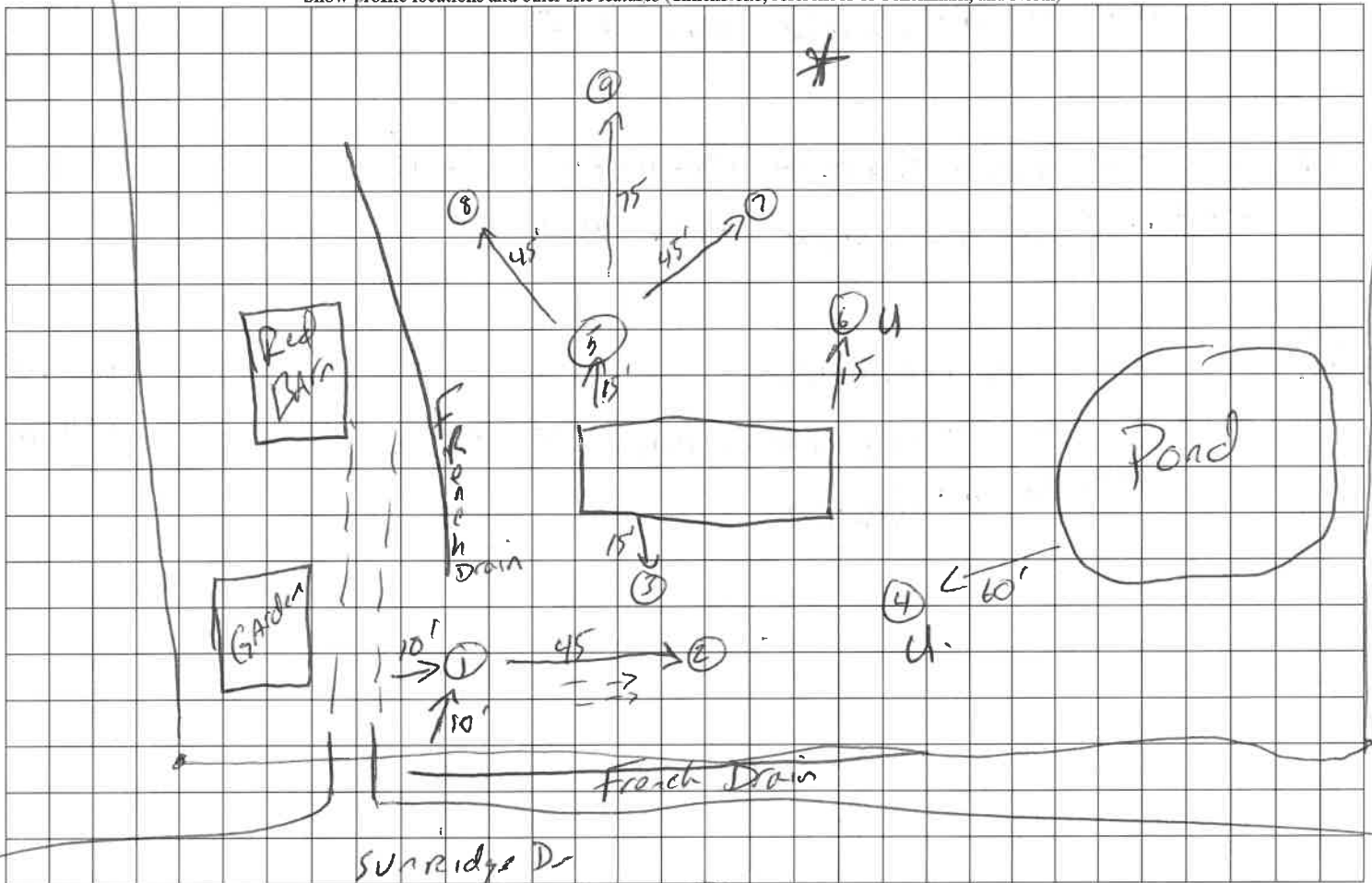
COMMENTS: \_\_\_\_\_

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



(1-2-3) 0-4(A) Pond  
 4-14(LS) PS (Repair)  
 14-48(SCI) 4"  
 10YR 6/1 @ 24"

4 0-14(L)X(A) 10YR 4/2 @ <12"  
 6 14-48(SCI) 10YR 6/2 @ 14"

(5-7-8-9) 0-4(L)A PS (-4)  
 4-22(LS) 22-48(SCI) 10YR 6/2 @ 30"