

SF 1812-0027  
 Lyon Builders Inc.  
 Lot 5

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

Owner:            Applicant: Lyon Builders, Inc.  
 Address: 1205 Griffin Rd Date Evaluated: 01/04/2018  
 Proposed Facility: 302 SWS Design Flow (.1949): 360 GPD Property Size: 1.44 AC  
 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		
1,5	L 2-3%	0-24	GR LS	VR NWD						PS
		24-40	BR SLL	FR SSSP	10YR7/1 @ 38"	40				0.4
2,4	L 2-3%	0-16	GR LS	VR NWD						PS
		16-34	BR SLL	FR SSSP	10YR7/1 @ 32"	34				0.4
3	L 2-3%	0-16	GR LS	VR NWD						PS
		16-34	BR SLL	FR SSSP	10YR7/1 @ 31"	34				0.4
6	L 2-3%	0-16	GR LS	VR NWD						0/PS
		16-36	BR SLL	FR SSSP	10YR7/1 @ 34"	36				0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <u>Provisionally Suitable</u>
System Type(s)	<u>25% MED</u>	<u>25% MED</u>	Evaluated By: <u>Andrew Curran, NEHS</u>
Site LTAR	<u>0.4</u>	<u>0.4</u>	Others Present: <u>          </u>

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				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)

