

EH1907-0008

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

Owner:  Applicant: GEORGE DUTTON  
 Address: 197 DEXTERFIELDS Date Evaluated: 09/08/2020  
 Proposed Facility: Design Flow (.1949): 360 GPD  
 Location of Site: 392 SR Property Recorded:  
 Water Supply:  Public  Individual  Well  Spring  Other  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process  Mixed

DEXTERFIELDS S/D

LOT 21

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	<u>L 3-5%</u>	<u>0-18</u>	<u>CL LS</u>	<u>VRL NSM</u>					<u>P3</u>
		<u>18-48</u>	<u>SN SIL</u>	<u>TV SSSP</u>		<u>48</u>			<u>G.4</u>
<u>* SEVERE WETNESS ALONG TRANSITION EVEN UNDER DRY CONDITIONS</u>									
<u>S/S: DOWD HILL FLOW UPPER LOSS AND POOL HAD PREVIOUSLY BEEN</u>									
<u>LOCATED ON BACK RIGHT CORNER OF LOT.</u>									
3	<u>L 3-5%</u>	<u>0-24</u>	<u>CL LS</u>	<u>VRL NSM</u>					<u>P3</u>
		<u>24-48</u>	<u>SN SIL</u>	<u>TV SSSP</u>	<u>7.5 x 11.0 x 14"</u>	<u>48</u>			<u>G.4</u>

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<del>25% NED</del>	<del>25% NED</del>	Site Classification (.1948): <u>PROVISIONALLY SUITABLE</u>
System Type(s)	<del>25% NED</del>	<del>25% NED</del>	Evaluated By: <u>ANDREW COAKIN, MPP</u>
Site LTAR	<del>25% NED</del>	<u>G.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		SCL-SANDY CLAY LOAM		VP-VERY PLASTIC	
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)

