

NSD 111 Alder

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

Owner: *Keven Coyle*
 Applicant: *NSD 111 Alder*
 Address: *575 McDougald*
 Proposed Facility: *SFD*
 Location of Site: *McDougal*
 Water Supply: Public Individual Well
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process

In 1225 McDougald

Date Evaluated: *4-3-20*
 Design Flow (.1949): *480*
 Property Recorded:

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	<i>L-8%</i>	0-18	SL	<i>fine sand</i>	<i>WET IN Hole</i>				
		18-30	SCL	<i>fine sand s.p.</i>	<i>22-24" 7.5% 3.1</i>				<i>.3 → .2</i>
2,3	<i>L-6%</i>	0-18	SL	<i>fine sand</i>	<i>WET IN Hole</i>				
		18-36	SCL	<i>fine sand s.p.</i>	<i>28-30" 7.5% 3.1</i>				<i>.3</i>
4	<i>L-6.5%</i>	0-18	SL	<i>fine sand</i>	<i>WET IN Hole</i>				
		18-30	SCL	<i>fine sand s.p.</i>	<i>20-22" 7.5% 3.1</i>				<i>.25 → .2</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>JR</i> Others Present:
Available Space (.1945)			
System Type(s)	<i>2500</i>	<i>2500</i>	
Site LTAR	<i>.3</i>	<i>.3</i>	

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-SLIGHTY 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			

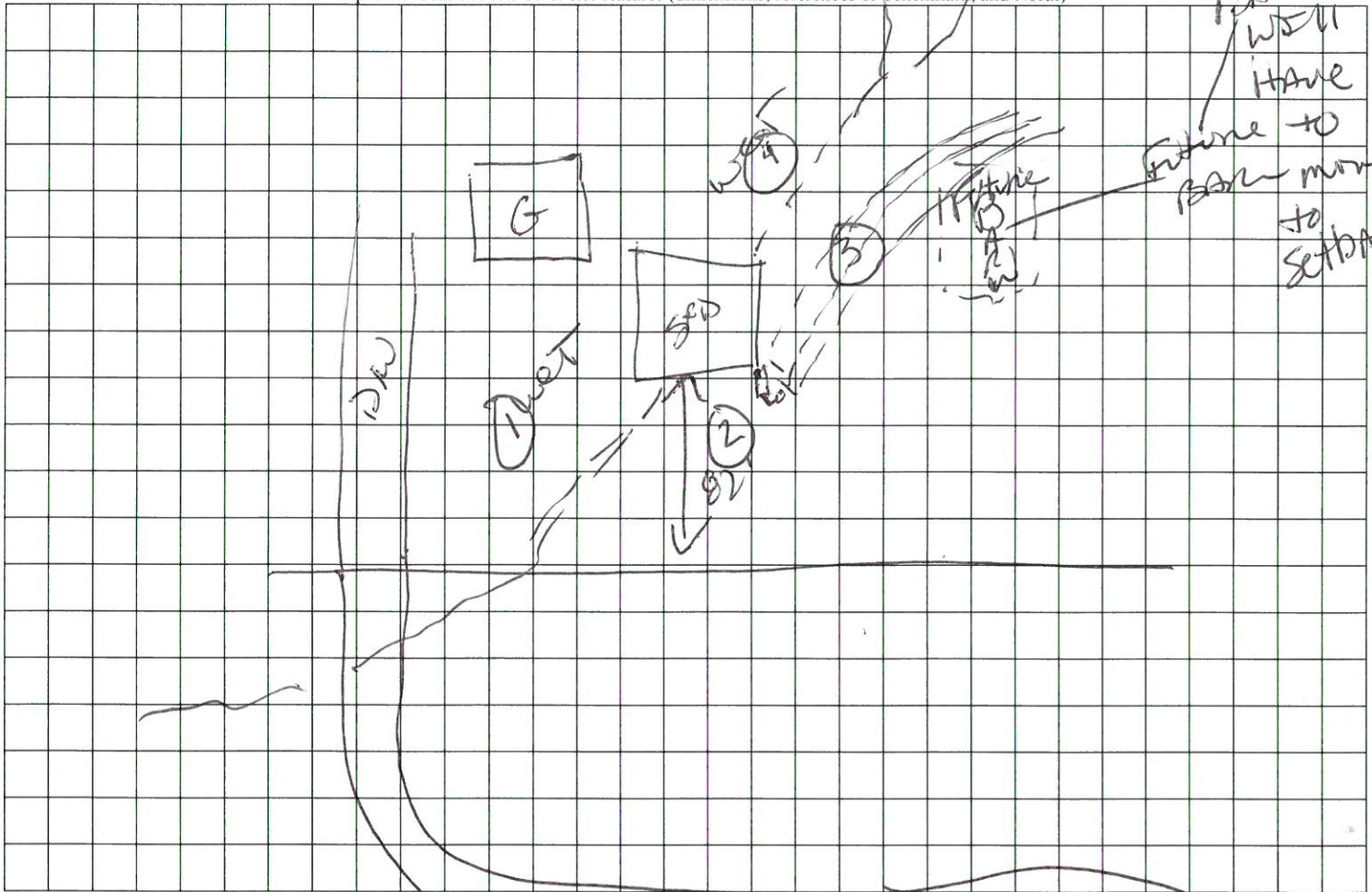
STRUCTURE

- 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)



OUT TO 2025 increased