



SCS%20Aqaterra%20small%20sho...					LOG OF BORING NO.: <b>MW-16</b> ADHE ID TAG: 0051143		SHEET NUMBER 1 of 2	
7311 West 130th Street, Suite 100, Overland Park, KS, 66213					DRILLING CONTRACTOR: PSA Environmental		WELL CONSTRUCTION DETAILS	
CLIENT: Farmers Coop					DRILLER: Aaron Butler		MATERIAL: PVC	
PROJECT NAME: Former Protection Coop Supply					DRILLING RIG: Geoprobe 6620 DT		DIAMETER: 2 IN	
PROJECT NUMBER: U1-017-00242					DRILLING METHOD: Direct Push		WELL TOTAL DEPTH: 26 FT BGS	
PROJECT LOCATION: 401 North Broadway, Protection, Kansas					SAMPLING METHOD: 4 Continuous Dual Tube		SCREEN LENGTH: 15 FT	
BORING LOCATION: Southeast corner of center UST basin					BORING DIAMETER: 8"		RISER LENGTH: 11 FT	
PROJECT NUMBER: 27214275.00					WELL DIAMETER: 2"		TOP OF SCREEN: 11 FT BGS	
GEOLOGIST: Adam Parris					WELL COMPLETION: Flush Mount		BOTTOM OF SCREEN: 26 FT BGS	
START DATE: 1/20/2015 FINISH DATE: 1/20/2015					SURFACE ELEVATION:		SCREEN SLOT: 0.01 IN	
START TIME: 12:40 FINISH TIME: 14:40					TOC ELEVATION:		TOP OF FILTER PACK: 9 FT BGS	
SAMPLER TYPE					WATER LEVEL:		TYPE OF SEAL: 3/8" Bentonite Chips	
SAMPLE DEPTH					WATER ELEVATION: 0.00		TYPE OF FILTER PACK: 10/20 Silica Sand	
PID (PPM)					DATE:		NOTES AND WELL CONSTRUCTION	
RECOVERY					SOIL DESCRIPTION AND DRILLING CONDITIONS			
DEPTH (FEET)					GRAVEL, SAND, SILT			
USCS CLASS					SILT, clayey, dark brown, slightly moist, medium stiff		Petro odor	
C I								
1								
2								
3								
4								
5					CLAY, silty, brown, moist, stiff, plastic			
6								
7								
8								
9					SILT, clayey, light brown, moist, medium stiff to soft, trace plasticity			
10								
11								
12								
13								
14								
15								
16								
17								
18					SILT, clayey, stained gray, saturated, soft, trace plasticity		Petro odor and staining	
19								
20								
DT	0-4'	80	24"					
DT	4-8'	62	26"					
DT	8-12'	80	39"					
DT	12-16'	118	37"					
DT	16-20'	152	45"					

**LEGEND:**

SS - Split Spoon  
CS - 5 foot CME Sampler  
ST - Shelby Tube

PID - Photoionization Detector  
PP - Pocket Penetrometer  
HSA - Hollow Stem Augers  
DT - Dual Tube Sampler

HA - Hand Auger  
WB - Wash Bore  
RB - Rock Bit  
NX - Rock Core

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: ACTUAL TRANSITIONS MAY BE GRADUAL.

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LOG OF BORING NO.: **MW-16**  
 KDHE ID TAG: 0051143

SHEET NUMBER 2 of 2

7311 West 130th Street, Suite 100, Overland Park, KS, 66213

GEOLOGIST: Adam Parris

CLIENT: Farmers Coop

DATE: 1/20/2015

PROJECT NAME: Former Protection Coop Supply

PROJECT NUMBER: U1-017-00242

SAMPLER TYPE	SAMPLE DEPTH	PID (PPM)	RECOVERY	DEPTH (FEET)	USCS CLASS	C I	SOIL DESCRIPTION AND DRILLING CONDITIONS	NOTES AND WELL CONSTRUCTION
DT	20-24'	307	48"	21			SILT, stained dark gray, saturated, trace CLAY	High petro odor and staining
				22				
				23				
				24				
				25			SAND, silty, fine grain, stained black, saturated	
				26			Boring Terminated at 26'	
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
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				45				

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