

**Table B-49: Monitoring Well Sampling Log (MW#14), 2008**

Table 2-15: Monitoring Well Sampling Log (MW-14), 2008						
Site Name: CAM-3						
Date of Sampling Event: 05-Aug-08						
Names of Samplers: Bryarly McEachern, Peter Shock, Mike Mosclow						
Monitoring Well ID: MW-14						
Facility: USAF Landfill						
Water Sample Measured Data						
Condition of Well:		Good, looks new				
Procedure/Equipment:		Measuring Tape		Procedure/Equipment:		Interface Meter
Well height above ground (m)=		0.53		Depth to water surface (m)=		0.74
Diameter of well (m)=		0.04		Static water level* (m)=		0.21
Depth of installation* (m)=		3.51		Depth to bottom (m)=		1.51
Length screened section (m)=		2.0		Free product thickness (mm)=		n/a
Depth to top of screen* (m)=		0.51		Notes		
Calculations						
Depth of water (m)=		0.77		Evidence of sludge etc: no		
Well volume of water (L)=		1.17		Evidence of freezing/siltation: (compare to installation record)		
Length screen collecting water (m)=		0.47				
Development/Purging Information						
Equipment:		Teflon tubing, with stainless steel ball valve				
Date & Time	Volume Removed (L)	Temperature (°C)	pH	Conductivity (uS/cm)	Turbidity (NTU)	Description of water
Aug-5, 10:30am	1	6.7	-	1790	694	medium greyish brown, silty, translucent
	1					more silt than first liter, translucent
	1.5					darker/murker than previous water, brown in colour, very silty, translucent
Water Sampling				Soil Sampling		
Date and time collected:		Aug-5, 11:00am		Date and time collected:		Aug-5, 2:30pm
Sample Number - Water:		10447		Sample Number - Soil:		Surface: 10458/59
						Depth: 10460/61
Sample containers:		1 L HDPE		Sample containers:		Whirlpaks
		1 L Teflon				120 mL amber glass jar
		250 mL Amber Glass				
Procedure/Equipment:		Teflon tubing, with stainless steel ball valve		Procedure/Equipment:		Disposable scoops and nitrile gloves to sample, shovel to dig.
Water description:		Brown, translucent, very silty		Soil description:		Surface: 100% vegetation cover.
Filtration: (Y/N)		N				0-15cm: dark brown humus, roots extend to 15cm.
Acidification: (Y/N)		N				15-40cm: silty fine to medium grain, gray sand with 10% gravel, 10% cobbles. 40-50cm: water seepage at 40cm, grey medium grain sand with 10% pebbles, 10% cobbles. Wet.
Sampling Equipment		Y		Sampling Equipment Decontamination:		Y(shovel)
Decontamination: (Y/N)				(Y/N)		
Number washes:		1		Number washes:		1
Number rinses:		1		Number rinses:		1

n/a=not applicable

\*From ground surface. All other measurements are assumed to be from the top of the casing.