

## 2008 Monitoring Well Sampling Log (BMW-3)

Site name:	CAM-4					
Date of sampling event:	14-17 Aug 2008					
Names of samplers:	TFB					
Monitoring well ID:	BMW-3					
Facility:	Tier II Soil Disposal Facility					
<b>Known Data</b>						
Depth of installation* (m):	3.45					
Length of screened section (m):	2.03					
Depth to top of screen* (m):	0.46					
<b>Measured Data</b>						
Condition of well:	Good			Procedure/Equipment:	Interface Meter	
Procedure/Equipment:	Interface Meter			Depth to water surface (m):	0.92	
Well height above ground (m):	0.76			Depth to bottom (m):	2.25	
Diameter of well (m):	0.05			Free product thickness (mm):	-	
<b>Calculations</b>				<b>Notes</b>		
Depth of water (m):	1.33			Evidence of sludge:	-	
Well volume of water (L):	2.61			Evidence of freezing/siltation:	-	
Static water level* (m):	0.16					
Length of screen collecting water (m):	1.03					
<b>Development/Purging Information</b>						
Equipment:	Disposable Bailer, Horiba U-22					
Date & Time	Volume Removed (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Turbidity (NTU)	Description of Water
16-Aug-08	3	2.81	8.73	0.504	-	Silty, greyish brown, N/O
<b>Water Sampling</b>				<b>Soil Sampling</b>		
Date & Time Collected:	16-Aug-08			Date and Time Collected:	14-Aug-08	
Sample Number - Water:	BMW-3			Sample Number - Soil:	BMW-3-15	
					BMW-3-40	
				Dup	BMW-30-40	
Sample Containers:	3 x 0.5L Amber Glass 2 x VOC vials			Sample Containers:	8 x 250mL Glass	
Procedure/Equipment:	Disposable Bailer			Procedure/Equipment:	SS Trowel	
Water Description:	Silty, greyish brown, N/O			Soil Description:	Greyish brown silt till, some gravel.	
Sampling Equipment Decontamination (Y/N):	Y			Sampling Equipment Decontamination (Y/N):	Y	
Number Washes:	1			Number Washes:	2	
Number Rinses:	2			Number Rinses:	2	

\*From ground surface. Unless this is stated, all measurements are assumed to be from the top of the casing.

n/a=not applicable

LDPE=Low Density Polyethylene

SS=Stainless Steel

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## 2008 Monitoring Well Sampling Log (MW-5)

Site name:	CAM-4					
Date of sampling event:	14-17 Aug 2008					
Names of samplers:	TFB					
Monitoring well ID:	MW-5					
Facility:	Tier II Soil Disposal Facility					
<b>Known Data</b>						
Depth of installation* (m):	3.60					
Length of screened section (m):	2.03					
Depth to top of screen* (m):	0.60					
<b>Measured Data</b>						
Condition of well:	Good			Procedure/Equipment:	Interface Meter	
Procedure/Equipment:	Interface Meter			Depth to water surface (m):	1.17	
Well height above ground (m):	0.60			Depth to bottom (m):	3.25	
Diameter of well (m):	0.05			Free product thickness (mm):	-	
<b>Calculations</b>						
Depth of water (m):	2.08			<b>Notes</b> Evidence of sludge: - Evidence of freezing/siltation: -		
Well volume of water (L):	4.08					
Static water level* (m):	0.57					
Length of screen collecting water (m):	2.05					
<b>Development/Purging Information</b>						
Equipment:	Peristaltic Pump, Horiba U-22 with flow through cell, LDPE					
Date & Time	Volume Removed (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Turbidity (NTU)	Description of Water
16-Aug-08	4.8	2.05	7.32	0.887	6.1	C&C, Slight chemical odour
<b>Water Sampling</b>				<b>Soil Sampling</b>		
Date & Time Collected:	15-Aug-08			Date and Time Collected:	14-Aug-08	
Sample Number - Water:	MW-5			Sample Number - Soil:	MW-5-10	
				Refusal @ 0.25 m	MW-5-25	
Sample Containers:	3 x 0.5L Amber Glass 2 x VOC vials			Sample Containers:	4 x 250mL Glass	
Procedure/Equipment:	Peristaltic Pump, Horiba U-22			Procedure/Equipment:	SS Trowel	
Water Description:	C&C, Slight chemical odour			Soil Description:	Greyish brown silt till, some gravel.	
Sampling Equipment Decontamination (Y/N):	Y			Sampling Equipment Decontamination (Y/N):	Y	
Number Washes:	1			Number Washes:	2	
Number Rinses:	2			Number Rinses:	2	

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## 2008 Monitoring Well Sampling Log (MW-8)

Site name:	CAM-4					
Date of sampling event:	14-17 Aug 2008					
Names of samplers:	TFB					
Monitoring well ID:	MW-8					
Facility:	Tier II Soil Disposal Facility					
<b>Known Data</b>						
Depth of installation* (m):	4.08					
Length of screened section (m):	2.01					
Depth to top of screen* (m):	0.97					
<b>Measured Data</b>						
Condition of well:	Good			Procedure/Equipment:	Interface Meter	
Procedure/Equipment:	Interface Meter			Depth to water surface (m):	0.97	
Well height above ground (m):	0.97			Depth to bottom (m):	2.45	
Diameter of well (m):	0.05			Free product thickness (mm):	-	
<b>Calculations</b>						
Depth of water (m):	1.48			<b>Notes</b> Evidence of sludge: - Evidence of freezing/siltation: -		
Well volume of water (L):	2.91					
Static water level* (m):	0.00					
Length of screen collecting water (m):	0.51					
<b>Development/Purging Information</b>						
Equipment:	Peristaltic Pump, Horiba U-22 with flow through cell, LDPE					
Date & Time	Volume Removed (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Turbidity (NTU)	Description of Water
16-Aug-08	3	3.7	7.01	1150	10.7	C&C Chemical odour
<b>Water Sampling</b>				<b>Soil Sampling</b>		
Date & Time Collected:	16-Aug-08			Date and Time Collected:	14-Aug-08	
Sample Number - Water:	MW-8			Sample Number - Soil:	MW-8-10	
					MW-8-20	
Sample Containers:	3 x 0.5L Amber Glass 2 x VOC vials			Sample Containers:	4 x 250mL Glass	
Procedure/Equipment:	Peristaltic Pump, Horiba U-22			Procedure/Equipment:	SS Trowel	
Water Description:	C&C, Chemical Odour			Soil Description:	Brown sandy silt till, some gravel.	
Sampling Equipment Decontamination (Y/N):	Y			Sampling Equipment Decontamination (Y/N):	Y	
Number Washes:	1			Number Washes:	2	
Number Rinses:	2			Number Rinses:	3	

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## 2008 Monitoring Well Sampling Log (MW-9)

Site name:	CAM-4					
Date of sampling event:	14-17 Aug 2008					
Names of samplers:	TFB					
Monitoring well ID:	MW-9					
Facility:	Tier II Soil Disposal Facility					
<b>Known Data</b>						
Depth of installation* (m):	3.32					
Length of screened section (m):	2.01					
Depth to top of screen* (m):	0.40					
<b>Measured Data</b>						
Condition of well:	Good			Procedure/Equipment:	Interface Meter	
Procedure/Equipment:	Interface Meter			Depth to water surface (m):	0.29	
Well height above ground (m):	0.33			Depth to bottom (m):	1.98	
Diameter of well (m):	0.05			Free product thickness (mm):	-	
<b>Calculations</b>						
Depth of water (m):	1.69			<b>Notes</b> Evidence of sludge: - Evidence of freezing/siltation: -		
Well volume of water (L):	3.32					
Static water level* (m):	-0.04					
Length of screen collecting water (m):	1.25					
<b>Development/Purging Information</b>						
Equipment:	Peristaltic Pump, Horiba U-22 with flow through cell, LDPE					
Date & Time	Volume Removed (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Turbidity (NTU)	Description of Water
15-Aug-08	4	2.62	11.34	1060	41.3	C&C Chemical odour
<b>Water Sampling</b>				<b>Soil Sampling</b>		
Date & Time Collected:	16-Aug-08			Date and Time Collected:	14-Aug-08	
Sample Number - Water:	MW-9			Sample Number - Soil:	MW-9-15	
				Refusal @ 0.25 m	MW-9-25	
Sample Containers:	3 x 0.5L Amber Glass 2 x VOC vials			Sample Containers:	4 x 250mL Glass	
Procedure/Equipment:	Peristaltic Pump, Horiba U-22			Procedure/Equipment:	SS Trowel	
Water Description:	C&C Chemical odour			Soil Description:	Brown sandy silt till, some gravel.	
Sampling Equipment Decontamination (Y/N):	Y			Sampling Equipment Decontamination (Y/N):	Y	
Number Washes:	1			Number Washes:	2	
Number Rinses:	2			Number Rinses:	3	

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## 2008 Monitoring Well Sampling Log (MW-14-A)

Site name:	CAM-4					
Date of sampling event:	14-17 Aug 2008					
Names of samplers:	TFB					
Monitoring well ID:	MW-14-A					
Facility:	Tier II Soil Disposal Facility					
<b>Known Data</b>						
Depth of installation* (m):	4.66					
Length of screened section (m):	2.03					
Depth to top of screen* (m):	1.67					
<b>Measured Data</b>						
Condition of well:	Good			Procedure/Equipment:	Interface Meter	
Procedure/Equipment:	Interface Meter			Depth to water surface (m):	1.07	
Well height above ground (m):	0.51			Depth to bottom (m):	2.47	
Diameter of well (m):	0.05			Free product thickness (mm):	-	
<b>Calculations</b>						
Depth of water (m):	1.40			<b>Notes</b> Evidence of sludge: - Evidence of freezing/siltation: -		
Well volume of water (L):	2.75					
Static water level* (m):	0.56					
Length of screen collecting water (m):	0.29					
<b>Development/Purging Information</b>						
Equipment:	Peristaltic Pump, Horiba U-22 with flow through cell, LDPE					
Date & Time	Volume Removed (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Turbidity (NTU)	Description of Water
16-Aug-08	3	1.01	6.73	0.95	-	Grey, slightly cloudy N/O
<b>Water Sampling</b>				<b>Soil Sampling</b>		
Date & Time Collected:	16-Aug-08			Date and Time Collected:	14-Aug-08	
Sample Number - Water:	MW-14-A			Sample Number - Soil:	MW-14-A-15	
				Refusal @ 0.30 m	MW-14-A-30	
					Dup MW-140-A-30	
Sample Containers:	3 x 0.5L Amber Glass 2 x VOC vials			Sample Containers:	8 x 250mL Glass	
Procedure/Equipment:	Peristaltic Pump, Horiba U-22			Procedure/Equipment:	SS Trowel	
Water Description:	Grey, slightly cloudy, N/O			Soil Description:	Brown sandy silt till.	
Sampling Equipment Decontamination (Y/N):	Y			Sampling Equipment Decontamination (Y/N):	Y	
Number Washes:	2			Number Washes:	2	
Number Rinses:	2			Number Rinses:	2	

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## 2008 Monitoring Well Sampling Log (MW-15)

Site name:	CAM-4					
Date of sampling event:	14-17 Aug 2008					
Names of samplers:	TFB					
Monitoring well ID:	MW-15					
Facility:	Tier II Soil Disposal Facility					
<b>Known Data</b>						
Depth of installation* (m):	3.25					
Length of screened section (m):	1.97					
Depth to top of screen* (m):	0.33					
<b>Measured Data</b>						
Condition of well:	Good			Procedure/Equipment:	Interface Meter	
Procedure/Equipment:	Interface Meter			Depth to water surface (m):	0.45	
Well height above ground (m):	0.51			Depth to bottom (m):	2.45	
Diameter of well (m):	0.05			Free product thickness (mm):	-	
<b>Calculations</b>						
Depth of water (m):	2.00			<b>Notes</b> Evidence of sludge: - Evidence of freezing/siltation: -		
Well volume of water (L):	3.93					
Static water level* (m):	-0.06					
Length of screen collecting water (m):	1.61					
<b>Development/Purging Information</b>						
Equipment:	Peristaltic Pump, Horiba U-22 with flow through cell, LDPE					
Date & Time	Volume Removed (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Turbidity (NTU)	Description of Water
16-Aug-08	4.5	2.08	6.31	0.846	13.5	Clear, slightly yellow Chemical odour
<b>Water Sampling</b>				<b>Soil Sampling</b>		
Date & Time Collected:	16-Aug-08			Date and Time Collected:	14-Aug-08	
Sample Number - Water:	MW-15			Sample Number - Soil:	MW-15-15	
Dup	MW-150			Refusal @ 0.25 m	MW-15-25	
Sample Containers:	6 x 0.5L Amber glass			Sample Containers:	4 x 250mL Glass	
	4 x VOC vials					
2 x 1L Amber glass	1 x 0.25L Plastic					
Procedure/Equipment:	Peristaltic Pump, Horiba U-22			Procedure/Equipment:	SS Trowel	
Water Description:	Clear, slightly yellow, chemical odour			Soil Description:	Brown sandy silt till, some gravel.	
Sampling Equipment Decontamination (Y/N):	Y			Sampling Equipment Decontamination (Y/N):	Y	
Number Washes:	2			Number Washes:	2	
Number Rinses:	2			Number Rinses:	2	

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## 2008 Monitoring Well Sampling Log (MW-16)

Site name:	CAM-4					
Date of sampling event:	14-17 Aug 2008					
Names of samplers:	TFB					
Monitoring well ID:	MW-16					
Facility:	Tier II Soil Disposal Facility					
<b>Known Data</b>						
Depth of installation* (m):	Data not available					
Length of screened section (m):						
Depth to top of screen* (m):						
<b>Measured Data</b>						
Condition of well:	Good			Procedure/Equipment:	Interface Meter	
Procedure/Equipment:	Interface Meter			Depth to water surface (m):	1.34	
Well height above ground (m):	0.60			Depth to bottom (m):	3.00	
Diameter of well (m):	0.05			Free product thickness (mm):	-	
<b>Calculations</b>				<b>Notes</b>		
Depth of water (m):	1.66			Evidence of sludge:	-	
Well volume of water (L):	3.30			Evidence of freezing/siltation:	-	
Static water level* (m):	0.74					
Length of screen collecting water (m):						
<b>Development/Purging Information</b>						
Equipment:	Disposable Bailer, Horiba U-22					
Date & Time	Volume Removed (L)	Temperature (°C)	pH	Conductivity (µS/cm)	Turbidity (NTU)	Description of Water
16-Aug-08	4	1.7	6.9	0.544	54	C&C, sheen on surface Hydrocarbon odour
<b>Water Sampling</b>				<b>Soil Sampling</b>		
Date & Time Collected:	16-Aug-08			Date and Time Collected:	14-Aug-08	
Sample Number - Water:	MW-16			Refusal @ 0.40 m	Sample Number - Soil: MW-16-15	
					MW-16-40	
Sample Containers:	3 x 0.5L Amber Glass			Sample Containers:	4 x 250mL Glass	
	2 x VOC vials					
Procedure/Equipment:	Disposable Bailer			Procedure/Equipment:	SS Trowel	
Water Description:	C&C, sheen on surface, Hydrocarbon odour			Soil Description:	Brown, sandy silt till	
Sampling Equipment Decontamination (Y/N):	Y			Sampling Equipment Decontamination (Y/N):	Y	
Number Washes:	2			Number Washes:	3	
Number Rinses:	3			Number Rinses:	3	

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