

Groundwater Sampling Record

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a b c d

Site:	M8, Bishopton	Date:	26/04/2006	Weather:	Dry, cloudy.
Proj. No.:	A0567-00	Name(s):	S. O'Brien		

Borehole		BH4										
Pre-purge	GW level (m.bgl)	Top of cover										
	BH Base (m.bgl)	-										
	Datum	-										
	Water column (m)	-										
	1 well vol. (l)	-										
	3 well vols. (l)	-										
Purge	Method	-										
	Vol. Removed (l)	-										
Sample	Method	Bailer										
	Temp (°C)	11.9										
	pH	7.6										
	Eh (mV)	443										
	EC (µS/cm)	1223										
	DO ₂ (mg/l)	0.83										
	Colour	Grey										
	Turbidity	Medium										
	Odour	-										
	Other	-										
Comments	Calibration check within tolerance limits.							pre-cal		post-cal		
	Artesian water in BH4.							EC	1349		1415	
								pH	4.01	7.01	4.01	7.01
								DO ₂ %	100		100	

Groundwater Sampling Record

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Site:	M8, Bishopton	Date:	03/05/2006	Weather:	Dry, cloudy.
Proj. No.:	A0567-00	Name(s):	S. O'Brien		

Borehole		BH2															
Pre-purge	GW level (m.bgl)	Top of cover															
	BH Base (m.bgl)	-															
	Datum	-															
	Water column (m)	-															
	1 well vol. (l)	-															
	3 well vols. (l)	-															
Purge	Method	-															
	Vol. Removed (l)	-															
Sample	Method	Bailer															
	Temp (°C)	9.8															
	pH	6.5															
	Eh (mV)	482															
	EC (µS/cm)	1513															
	DO ₂ (mg/l)	0.78															
	Colour	Brown															
	Turbidity	High															
	Odour	-															
	Other	-															
Comments	Calibration check within tolerance limits.							pre-cal		post-cal							
	Artesian water in BH2.							EC		1349		1415					
								pH		4.01		7.01		4.01		7.01	
								DO ₂ %		100		100					

Groundwater Sampling Record

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Site:	M8 Junction	Date:	05/05/2006	Weather:	clear, warm, dry
Proj. No.:	A567-00	Name(s):	TJM		

Borehole		3											
Pre-purge	GW level (m.bgl)	5.83											
	BH Base (m.bgl)	6.42											
	Datum	site											
	Water column (m)	0.69											
	1 well vol. (l)	1.4											
	3 well vols. (l)	4.2											
Purge	Method	Bailer											
	Vol. Removed (l)	4											
Sample	Method	Hannah											
	Temp (°C)	7.5											
	pH	5.57											
	Eh (mV)	57											
	EC (µS/cm)	1108											
	DO ₂ (mg/l)	2.65											
	Colour	clear											
	Turbidity	low											
	Odour	None											
	Other	\											
Comments								pre-cal		post-cal			
								EC		1424		1446	
								pH		4.02		7.01	
								DO ₂ %.		95.8		99.8	

Surface Water Sampling Record

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Site:	M8 Junction at Bishopton	Date:	08/05/2006	Weather:	Dry, Sunny.
Proj. No.:	A0567-00	Name(s):	S.O'Brien		

Monitoring Point		SW1	SW2	SW3	SW4				
Sample	Method	Telescoop	Direct	Direct	Direct				
	Temp (°C)	15.1	15.7	16.9	14.3				
	pH	5.9	6.7	7.2	7.3				
	Eh (mV)	671	680	649	421				
	EC (µS/cm)	1155	1221	962	1134				
	DO ₂ (mg/l)	4.91	4.37	6.21	1.64				
	Colour	Clear	Light Brown	Clear	Clear				
	Turb.	Medium	Medium	Low	Low				
	Odour	-	Cow manure	-	-				
	Other	Stagnant	Stagnant	Flowing	Slight Flow				

Comments	Calibration check within tolerance limits.			
		pre-cal		post-cal
	EC	1406		1415
	pH	4.01	7.01	4.01 7.01
	DO ₂ %	100		100

Surface Water Sampling Record

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Site:	M8 Junction at Bishopton	Date:	11/05/2006	Weather:	Sunny, hot.
Proj. No.:	A0567-00	Name(s):	S.O'Brien		

Monitoring Point		SW1	SW2	SW3	SW4	SW5			
Sample	Method	Telescoop	Direct	Direct	Direct	Direct			
	Temp (°C)	16.7	17.0	18.7	16.0	18.1			
	pH	7.4	7.7	7.8	7.9	7.8			
	Eh (mV)	448	455	242	171	88			
	EC (µS/cm)	1618	1642	1164	1284	1211			
	DO ₂ (mg/l)	2.85	2.98	7.19	1.02	4.60			
	Colour	Clear	Brown	Clear	Light Orange	Clear			
	Turb.	Medium	Medium	Low	Low	Low			
	Odour	-	Cow manure	-	-	-			
	Other	Stagnant	Stagnant	Flowing	Slight Flow	Flowing			

Comments	Calibration check within tolerance limits.									
	SW2 - LNAPL visible on surface									
							pre-cal		post-cal	
							1406		1415	
							4.01 7.01		4.01 7.01	
						100		100		

Gas Monitoring Field Record

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Site:	M8 Junction	Date:	15/09/2006	Weather:	clear, warm, dry
Proj. No.:	A567-00	Name(s):	TJM	Serial No.:	GA07888/05 (GA2000) ; 3316 (GF60),

BH	Rel. Pr. (mbar)/(Pa)	Flow (l/hr)	Ba. Pr. (mbar)	CH ₄ (% v/v)	CO ₂ (% v/v)	O ₂ (% v/v)	H ₂ S (ppm)	CO (ppm)	GW level (m)	BH Base (m)	Datum	Gas temp. (Celsius)	Air temp. (Celsius)	Comments
BH8	-0.08	-0.2	1016	0	0.3	19.6	0	6	0.46	5.76	site			
BH10	-0.4	0	1016	0	0.1	20.6	0	0	0.61	13.16	site			
Calibration (+/- 0.5%)							Comments:							
	CH ₄ (% v/v)	CO ₂ (% v/v)	O ₂ (% v/v)	see sheet no.:			Calibration check within tolerable limits							
Pre-cal	5.0	5.2	6.0											
Post-cal	5.1	5.1	6.1											