

# AUC LLC

Location ID		UM7		Sample Date:		12/29/11		Sampling Company:		TREC		Sampled By 1:		TN											
Sample Event		Q3-2011										Sampled By 2		WC											
												Sampled By 3:													
Well Information:																									
Well Total Depth (TD)		405		ft				Well Measuring Point (MP) Location:				North Side-Marked													
Sampled From:		Monitoring Well		Well Inside Diameter:		4.5		inches		Pump Type Used:		Dedicated Low Flow Bladder													
Screened Interval:		385		Feet to		405		Feet		Pump Intake Depth:		395		ft											
												Tubing Type:		Dedicated Plastic											
Well Fluid Measurements:																									
Time (military):		800		Weather:		Air Temp		40		(°F)		Conditions:				Overcast, very windy, very chilly									
Water level gauged using:		Electronic tape		ft																					
Depth to Water (DTW) below MP:		186.36		ft																					
Water Column Height (TD-DTW):		0		ft																					
Water volume = πr²h (cf)		0.00		gallons																					
3 Well Volumes:		0.00		gallons																					
Purging:																									
Purge Date		12/29/11		Purge Time Begin		805		Low Flow Pump Controller Settings:		Charge Time		5		Exhaust Time		22									
Purge Pump Type:		Dedicated Low Flow Bladder		Pumping Rate:		400		ml/min		Meter Type(1):		YSI Multi		Meter Calibration Date:		12/19/11									
Volume Purged Prior to Sampling:		3		gallons						Meter Type(2):		Hach Turbidity		Meter Calibration Date:		12/19/11									
										Meter Type(3):				Meter Calibration Date:											
Field Stabilization Measurements:																									
Sample ID		Purge Date		Time (min.)		Purge Rate (ml/min)		Purge Rate (gal/min)		Temp (°C)		Conductivity (µmhos/cm)		DO (mg/L)		pH (su)		ORP (mV)		Turbidity (NTU)		Water Level (ft)		Comments	
UM7-003-111229		12/29/11		905		210				10.43		641		7.43		10.58		10.7		7.8					
				908		300				10.37		642		6.53		10.59		5.2		8.6				Increased charge and exhaust	
				911		400				10.61		642		7.53		10.59		1.5		9.4					
				914		400				10.74		635		3.27		10.59		-8.1		6.5					
				917		400				10.74		640		3.14		10.58		-11.3		16.8					
				920		400				10.76		637		2.85		10.57		-13.8		55					
				923		400				10.76		636		2.8		10.56		-14.4		53.1					
				926		400				10.75		636		2.84		10.56		-14.4		54		194.60			
				Repeat Last Stabilization Meas.																					
Sampling:																									
Sample Date		12/29/2011		Sample Collection Time (MT):		9:30																			
Sample Pump Type:		Dedicated Low Flow Bladder								Meter Type(1):		YSI Multi		Meter 1 Calibration Date:		12/19/11									
										Meter Type(2):		Hach Turbidity		Meter 2 Calibration Date:		12/19/11									
										Meter Type(3):				Meter 3 Calibration Date:											
Analysis:																									
QA/QC Sample		No		QA/QC Type				COC#1:		RC 08412		Lab 1		IML											
Duplicate Name				Duplicate Sample Time				COC#2:																	