Location ID	UM7		Sample Date:	12/29/11	_	Sampling Company:		TREC	_	-	led By 1: led By 2	WC	
Sample Event	Q3-2011									-	ed By 2:		
					W	/ell Information:							
Well Total Depth (TD)	405									North Si	de-Marked		
Sampled From:	Monitoring Well		Diameter:	4.5	inches	Pump Type Used:	Dedica	ted Low Flow Bla	adder			<b>F</b>	
Screened Interval:	385	Feet to	405	Feet		Pump Intake Dep	:h:	395	ft		Tubing Type:	Dedicated Plastic	
					Well F	luid Measureme	nts:						
Гіте (military):	800		Weather:	Air Temp	40	(°F)	Conditions:	Overcast, very	windy, very chi	lly			
Nater level gauged us	ing:	Electronic tape	ft										
Depth to Water (DTW)	below MP:	186.36	ft			Well volume (in gal / LF) =	pr2 (cf) where: p = pi (app	proximately 3.14): r = rac	dius of monitoring we	II (feet)		1	
Water Column Height (	TD-DTW):	0	ft			cf = conversion factor (7.4				<u> </u>			
Vater volume = pr <sup>2</sup> h (c	:f)	0.00	gallons			Well ID (in)	2	3	4	4.5	5		
3 Well Volumes:	0.00	gallons				Water Volume (gal/LF)	0.163188147	0.367173331	0.652752589	0.826139995	1.01992592		
		ı	Purge Time		<u> </u>	Purging:							
Purge Date	12/29/11		Begin	805		Low Flow Pump (	Controller Settings	:	Charge Time	5	Exhaust Time	22	
Purge Pump Type:	Dedicated Lo	w Flow Bladder	Pumping Rate:	400	ml/min		Meter Type(1):	YSI Multi	Meter Calibra	tion Date:	12/19/11		
Volume Purged Prior to Sampling:	3	gallons					Meter Type(2):	Hach Turbidity	Meter Calibra	tion Date:	12/19/11		
							Meter Type(3):		Meter Calibra	tion Date:			
			Purge Rate	Purge Rate	Field Stab	ilization Measur Conductivity	ements:	pH		Turbidity	Water Level		
Sample ID	Purge Date	Time (min.)	(ml/min)	(gal/min)	Temp (°C)	(µmhos/cm)	DO (mg/L)	(su)	ORP (mV)	(NTU)	(ft)	Comments	
		905	210 300		10.43	641	7.43 6.53	10.58	10.7 5.2	7.8 8.6			
		911	400		10.61	642	7.53	10.59	1.5	9.4		Increased charge and exhaust	
		914	400		10.74	635	3.27	10.59	-8.1	6.5		and exhause	
		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		
UM7-003-111229	12/29/11												
	, ,												
Repeat Last Stabiliz	ation Meas.												
		ı				Sampling:							
		Sample Collection Time				, ,							
Sample Date	12/29/2011	(MT):	9:30					7		1	1		
Sample Pump Type:	Dedicated Low					Meter Type(1):	YSI Multi	Meter 1 Calibra	tion Date:	12/19/11	-		
	Flow Bladder					Meter Type(2):	Hach Turbidity	Meter 2 Calibra	tion Date:	12/19/11			
						Meter Type(3):		Meter 3 Calibra	tion Date:				
						Analysis:							
QA/QC Sample	No	QA/QC Type			COC#1:	RC 08412		Lab 1	IML				
Ouplicate Name		Duplicate Sample Time			COC#2:			Lab 2	ALS				
Jupinouto Humo		Journal Time			COC#3:		=	Lab 3	ALO				
					000,10.			Lub o		<u>.</u>			
Analysis:	Table 1- 4.14, Gu	ide 8, & Radon 222											
Comments:			<u>'</u>				•		1		·		
Solinst kept hanging u prior to stabilization. H												clean out the line	
		7											
Stablization Par	ameters												
Temp = +/- 3% in celcius							Range values	for data entry					
pH = +/- 0.1 unit			Conductivity Range (	mS/cm) Turbidity (NTU)			Dissolve Oxygen (DO)	solve Oxygen (DO) (mg/L)		Temperature Range (°C)		Ox/Reduc Potential (mV)	
SC = +/- 3% in µmhos/cm			Min	C	) Min	(	Mir	0.01	Min	-20	Min	-400	
ORP/Eh = +/- 10 millivolts			Max	2000	) Max	1000	Max	2000	) Max	80	Max	700	
00 11 100/ 11		I											

Turbidity= +/\_10% for values > 5