

		WALL STREET	THE RESE	1100 300		lab I	mfa			S.A.Destes		
D. I	11					Jobi	Informatio		004-		1026	
Date:	11/12/13	,						arrive			depart 1036	
1703505ET 115 CT	ame: Sym	phony						t Number:				
Site Local	6	dell						ler: Sea		129		
Well ID:	ic.mw	09					Weath	er: Fin	2			
						Ec	uipment					
Water qua	ality equipment	t descripti	on: 90%	CMU) VE	143	Inte	erface prob	e number:	Geotel	h Injertage Meter	
Purging e	quipment:	Bailer t	уре:	Plasti	С	Teflor				30	n 3978	
(please ci	rlce)	Pump t	ype:	Perist	altic	Subm	ersible	Micro-pu	irge /	Amazon	Other:	
		No.		Well	Gaugir	ng and P	urge Volu	me Calcu	lations		在 图1000年度1000年度	
Casing Di	ameter	1	25mm	50mm	100mm	125mm	700	200mm	250mm	300mm	Volume of water in well / V	
Conversion			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres	
(volume in fa	Capable State	(-) Water) Water	1	11.1	31.4	43.1	10.7	P = 3.14159	
(0.87	7-4 m	(-)5	822	m (=)	-ouron controller	_m				r = radius in cm h = height of water column in cm	
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume m (x) (=) L												
V N												
Depth to product: m Product Thickness: m Verified with Bailer:												
Water Quality Parameters												
Beginning purge time: 0952 Ending purge time: 1017 Pump Intake Depth (mbtoc)+9_0												
Litres Time PH Temp °C Cond DO Redox Drawdown <10cm Comments												
(.0	0957	6.82	25.1		411	74	31	5.91	Clear	10 S/4	rei, no ottour	
2.0	1002	180	23.8		10 0	0.98	22	5.96		960 UP		
3.0	1007	3.79	23.9	5 12		0.64	16	6.00		g bove		
4.0	1012	6.81	23.9	12.	27 (2.66	15	6.04	As	about		
5.0	10178	0.82	23.0	1 12.	33 1	0.65	12	6.08	-	96000		
8			50						Sam	deel	at 1072	
											ins for recharge)	
										30.0		
			4									
177												
	*pH,	temp, cond	l readings r	not necess	ary if well	is purged d	ry Exam	ple Comme			oudy / turbid / very turbid / no odour /	
50	うし Total	l Well Vol	ume				0 1		550	200 15 100 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Zambers	
2.	Actua	al amount of	f water prio	r to sampli	ng		Sample	time		_ Conta	ainers used 3 may have met	
70	mL/m	ninute			Did fi	eld param	eters stabili	se?	N NA	Was the	well dry purged?	
						Field	QC Check	(S				
Was pre-c	leaned sampli	ng equipn	nent used	for these	samples	?	(Ŷ N				
8/	leaning sampl	200 100 100			50		-	D) N	<i>a</i> "	1 1 1 1		
	mentation of e							N N	1 HAD	worte	r Level: 6.102	
	ubbles presen	CENTRAL CONTRA			?			Y N NA				
	ole for metals f						(NN	-			
	sample collect			/			3.	Y (N)		ate sample	e ID	
THE CAT OF SHARE	ank collected?						1	N	100000	e blank ID	RO1_111212_SP	



					Constitution		100					
	-				Job I	nformatio	n	,				
Date: 20 11 13 Time: arrive 12:40 Am depart 1:55 pm. Project Name: Sympthosy Project Number: 224198												
Project Na	me: Sy	MPHON	y.			Projec	t Number:	224	198			
Site Locati	on: 400	ELL '	2			Samp	ler: T	1.				
Well ID:		NWOI	ş			Weath	ner: حل	عرط				
					Eq	uipment			1	·h		
Water qual	lity equipm	ent descript	ion: YSL	- Il CIE	0752	Inte	erface probe	e number:	Caked	IP. 4261.30m		
Purging eq (please cirl		Bailer	type:	Plastic	Teflor	i .	\$10 =	1.3				
(picase ciri		Pump	type:	Peristaltic	Subm	ersible	Micro-pur	rge /	Amazon	Other:		
				Well Gau	ging and P	urge Volu	me Calcul	lations				
Casing Dia	meter		25mm 50	mm 100m	nm 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversior			0.49 1.	.96 7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
otal Well I	Depth	(-) Water	level + 230 -	(=) Wat	er Column	m				P = 3.14159 r = radius in cm h = height of water column in cm		
9.057 m (-) 4.230 m (=) 4.817 m h = height of water column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 4.827 m (x) 1.96 (=) 9.46 L												
- Wan												
Depth to product: m Product Thickness: m Verified with Bailer:												
Water Quality Parameters												
Beginning purge time: Pump Intake Depth (mbtoc):												
Litres Time PH Temp °C Cond DO Redox Drawdown mV <10cm Comments												
1.0	13:05:45	6.64	21.4.	18897	0.17.	36.8	6.490	de	~ , r	o odan.		
2.0	13:09:5	6.62	21.8	19299		10,3	6.595	clo	0~ 1	s odan		
3.0-	13:14:4	6.62	- 21.6	19285	1.51	-6.7	000b	725 in	-, no	odan.		
4.0	1319:1	16.61	21.7.	20551.	2.47.	-22.4	6.795	dea	-, ~	alsen.		
4.5.	13:22 .1	16.00	21.5	19180	2.93.	-26.6	6.845	deor	-,00	odon		
	13:24:00		21.5	19120	3.09	-30.0	6.882	η.	,	"		
7					1.0							
	*p	H, temp, cond	d readings not	necessary if w	ell is purged di	Exam	ple Commer			udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth		
45		tal Well Vol	lume f water prior to	sampling		Sample	time	40pm	1 Conta	iners used		
800	Fle	ow rate	rator prior to		d field param	atere etahili	4 VY see	AMA	Was the	well dry purged?		
	mı	_/minute		Di					vvas trie	well dry pulged?		
/					Field	QC Check	(S					
Was pre-cle	eaned sam	pling equipr	ment used for	these samp	les?	2	N					
Was pre-cle	eaning san	pling equip	ment properly	y protected f	rom contamir	nation?	H, (Y	7				
Was docum	nentation o	f equipment	conducted?				AN NA	†				
Were air bu	ubbles pres	ent in vials	at time of coll	lection?		F	AN W			7		
Was sample	e for metal	s field filtere	d prior to pre	servations?		C	AN 14 (Y			7.1		
Duplicate s	ample colle	ected?				-	YW	Duplica	ate sample	ID		
Rinsate bla	nk collecte	d?					YAN	Rinsat	e blank ID	70.		



EIVIVI	(
Date: 26 113 - Time: arrive 1:10pm, depart 3:35pm.												
Date: 7	26/11	13.				Time:	arrive '	7:100	~ 7.	depart 3:35		
Project Na		man				Projec	t Number:	2241	98.			
Site Local	tion: Lu	DELL	2/	\wedge		Samp	ler: TH					
Well ID:	LM-	MWO	2			Weath	er: FN	E-V	acue	٨.		
					Е	quipment				4261		
Water qua	ality equipm	ent description	n:451 —	100	0757	Int	erface probe	e number:	Center			
	quipment:	Bailer ty Pump ty	/pe: I	Plastic Peristaltic	Teflo	7		0.7	2 Amazon	Other:		
			1	Well Gau	ging and I	Purge Volu	me Calcu	lations				
Casing Di	ameter	2	5mm 50r	100m	nm 125mr	n 150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversio			0.49 (1.	96 7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
otal Well	Depth	(-) Water		(=) Wat	er Column					P = 3.14159 r = radius in cm		
otal Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
3-295 m(x) 1.96 (=) 6-45 L												
Depth to product; m Product Thickness: m Verified with Bailer: W												
Water Quality Parameters												
Beginning purge time: 14.30:35 Ending purge time: 4.55 10 Pump Intake Depth (mbtoc):												
Litres Time PH Temp °C Cond DO Redox mV Comments mV Comments												
1.0-	14:33:3	06.68	21.5	12069	1061,	19.3	7.125	دان)	nder	no oclam		
2.0	14:38,00	6.65	21.3	12157	1.42	108.1	7.125	close	ndy	ins adour.		
3.0	4:433	6.64	217.	12295	1-45	102.5	7.200	ala	dy !	a odour		
		6.64	21.8	13427	2.58	101.2	7.275	da	dy,n	s edom		
4.5	14:53:41	6.64	21.7	1282	2.79	100.7	7.295	da	dy,	is odon.		
—												
	*0	H, temp, cond	readings not i	necessarv if w	vell is purged o	dry Exam	ple Comme			udy / turbid / very turbid / no odour /		
IL. T		tal Well Volu					3:1		•	ur / strong odour / drawdown depth		
u -	Fle	tual amount of ow rate _/minute	water prior to		d field parar	Sample neters stabil	A	NA		well dry purged?		
					P1-11	00.01						
\Me	Field QC Checks											
Was pre-cleaned sampling equipment used for these samples? N N N N N N N N N N N N N												
Was pre-cleaning sampling equipment properly protected from contamination? Was documentation of equipment conducted? N N NA												
		sent in vials a		ection?		-	Y M NA	4				
		s field filtered				× ×	Y) NA NA	1	of Ru	NYATE.		
4 80	sample coll		. prior to pre	COLTUINIO !		. [YIN		ate sample	D		
1) I mediane s trasbennicoloritari	ank collecte					6	YN		e blank ID	RENSATE_26111374		



LIXIVI							Park Table						
	Project Name: SUMPNONY Project Number: 224198												
7070-70									198				
Jacobson Company (1960)	1		- LN				1.1						
Well ID:	Py-w	MOI.				Wea	ther: Ho	TAC	LER	<i>i</i> C			
			15 July 1917		E	quipment							
Water qua	ality equipme	ent description	on: 451.	- IIKIO	1262	Ir	iterface prob	e number:	Ceokel	n 1P 4261 30m			
	quipment:	Bailer ty	/pe:	Plastic	Teflo	n							
(please ci	rice)	Pump ty	ype:	Peristaltic	Subn	nersible	Micro-pu	rge A	mazon	Other:			
				Well Gau	ging and F	urae Vol	ume Calcu	lations					
Casing Di	ameter	2	5mm 50	mm 100m	200 100		Bu wayon - 1		300mm	Volume of water in well / V			
Conversion	on Factor			.96 7.8	Maria Maria Maria	17.7	31.4	49.1	70.7	= Pr x r x h V = volume in litres			
otal Well	ALL DELIC OF THE SAME	(-) Water		(=) Wat	er Column	130.13	0111	10.1	7 0.1	P = 3.14159 r = radius in cm			
9.00	Mater Column (x) Conversion Factor (=) Litres per 1 Well Volume												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 5-925 m (x) 1-916 (=) 11.613 L													
- + A													
Water Quality Parameters													
Beginning purge time: Pump Intake Depth (mbtoc):													
Litres Time PH Temp °C Cond DO Redox Drawdown <10cm Tomp NS/cm mg/L M mV <10cm Comments													
1.0	10:12:30	6.70	21.6	7252		98.2	3.350	Cleo	, 200	der			
2.0	10:14:03		21.5	8069		92.8	3.450	1	700	edan.			
3.0		16.69	21.4	8397	1.18	88.2		1		odon-			
4.0	10:21:0	Control of the Contro	21.5.	8560	1.02	85.8		,	, 10 e	A			
5.0	10:32:00	7.	21.5	8548	0.90	82.0	3.540			oda			
)													
141													
	7.2				15-1								
	*p.	H, temp, cond	readings not	necessary if w	vell is purged o	lry Exar	nple Comme			udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth			
7.0	To	tal Well Volu	ıme				10	· 3.5 A	•	• i/			
2.0	Act	ual amount of		sampling		Samp	le time	0,000	Conta	iners used			
	2000 2000	ow rate ./minute		Di	d field param	eters stab	lise?	NA	Was the	well dry purged?			
					Field	QC Chec	ks						
Was pre-c	leaned sam	pling equipm	ent used for	these same			Ŷ N	No. of the last					
					rom contami	nation?	N N						
into Market Land Control		f equipment		5.75	. Jin oonan		Y N NA]					
		ent in vials a					Y N NA	-					
)		s field filtered					N N NA		N				
Trobeco			, prior to pre	ooi vanoria !		}	N 101	triplic	to sample	In Implicate _ 271113-			
	ank collecte						RAN	14000	blank ID				
		w.*						i tilloate	JIGHN ID				



					Job	Information	on						
Date: 27 11 13 Time: arrive 8 15m. depart 9:25 an . Project Name: SUMPHONY Project Number: 22498													
			N			Projec		1277	-				
Site Locat	tion: LID	DELL.	- LN			Samp	ler: TKI	Y.					
Well ID:	LY-W	W02.				Weath	ner: HoT	- d a	EAR	Lx			
		1			E	quipment		1					
Water qua	ality equipme	ent descript	ion: 451	- 1	K1012k	2 -Int	erface probe	number:	Ceder	LIP 4261 30m.			
Purging ed (please cir	quipment: rlce)	Bailer Pump		Plastic Peristaltic	Teflo Subn	n nersible	Pic Micro-pur).≡. ∂ ge A	Amazon	Other:			
				Well Gau	ging and F	Purge Volu	me Calcul	ations					
Casing Dia	ameter		25mm 50r	mm 100m	nm 125mn	n 150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversio (volume in fac			0.49 1.	96 7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres P = 3,14159			
7.59	Total Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm water Column (x) Conversion Factor (=) Litres per 1 Well Volume S . 459 m (x) 1.96 (=) 10.70 L												
Water Quality Parameters													
Litres Time PH Temp °C Cond DO Redox Drawdown <10cm Comments													
2.0.	85030	6-61	20.8	2690	0.79	86.1.	2-140	ıt	1(11/11/11			
3.0 -	8.55:40	6.60	20.9.	2659	0.63.	15.0	2.140.	4	11	Il II-			
4.0 -	9.00:33	6.59	20.9	2651	0.18	66.2	2.140	11	U	1/ 5			
)													
	*p	H, temp, cond	d readings not i	necessary if w	vell is purged o	dry Exam	ple Commer			udy / turbid / very turbid / no odour /			
4.00	Act Flo	tal Well Vol ual amount o w rate /minute	lume f water prior to		d field paran	Sample neters stabili	time	IDAM	Conta	ainers used 9			
	1000				Field	QC Check	(S		7				
Was pre-cleaned sampling equipment used for these samples? Was pre-cleaning sampling equipment properly protected from contamination? Was documentation of equipment conducted? Were air bubbles present in vials at time of collection? Was sample for metals field filtered prior to preservations? Duplicate sample collected? Duplicate sample ID													
	ank collecte						* A	Teles (#11 20 for 80)	blank ID				



LIVIVI										
					Job	Informati	on			
Date: 7	27/11	13				Time	arrive	4.10	pm o	depart
Project Na	ame: Syl	MANA	1			Proje	ct Number:	2241	08	
		DELLA					oler: TH			
		MOLL				Weat	her: Th	E		
					E	quipment			11,15	
Water qua	ality equipm	ent description	on: 451	IIKIO	1262	In	terface prob	e number:	ander	L 1P#4261 30m.
Purging e	quipment:	Bailer t	ype:	Plastic	Teflo	n	t	10 =	0.3	
(please ci		Pump t	C1600000	Peristaltic		nersible	Micro-pu	rge	Amazon	Other:
1					ging and F					
Casing Di	amatar	1,	25mm 50	mm 100m			1	250mm	300mm	Volume of water in well / V
Conversion				96 7.8	3 20 8		31.4		200	= Prxrxh
(volume in fac	ctor L/m)				XXX	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159
otal Well		(-) Water n (-)		(=) vvat .m (=) 3	er Column	_ m				r = radius in cm h = height of water column in cm
		AND DESCRIPTION	Water Co	lumn 62	(x) Conve	rsion Facto	r (=) Litres	per 1 Well	Volume	
					2 22				X	(R)
Depth to p	product:	n	1	Product Thic	kness:	m	Veri	fied with B	ailer:	
					Water Qu	ality Para	meters			177 17 18 18 18 18 18 18 18 18 18 18 18 18 18
Beginning	purge time	6:33:	22.	Ending purg	ge time:			Pump	Intake Depti	n (mbtoc):
Litres	Time	PH	Temp ∘C	Cond MS/cm	DO mg/L _{per}	Redox mV	Drawdown <10cm	С	omments	
1-0-	ib:364	5.68	21.5	8354	3.17	115.3	1.99	Verb	turbio	(brown), to odor
2.0	16:41:3	-	2201.	8662.		94.3	2.145	.ba	- +~	adily In odour
2.0	16:46.a		21.9	G 705	1.59	80.4	2.345	Timer	acon tu	bidity Election.
4.0	16:51:00	THE WATER	22.	9536	1.42	77.9	2.570	imor	bran .	hibidity, atoly
15		45.54	22.1	10236	1.24	82.Z	2.615	buan	- tubi	d, odah.
50.	16:57:30		22.0	10478		81.6	2.73	As a	woon	e.
5.5	17:01:0	05.31	21.9	11274	0.61	82.1	1.855	Asc	Lock	٤.
6.0	17-03:01	5-23	22.0	11639	0.54	47.1.	2.890	As 'as	ore	E sup stopped - water
6.5										
7.0										
	*#	H, temp, cond	readings not	necessary if w	ell is purged o	dry Exam	nple Comme			dy / turbid / very turbid / no odour / ur / strong odour / drawdown depth
	500	tal Well Vol	70.7 (0.00)	annelle-		Samnl	e time \$.	010	_ Contai	ners used
	FI	tual amount of ow rate	water prior to		4 6 6 1 2					
	ml	_/minute		Di	d field paran	neters stabi	lise?	7	vvas the	well dry purged Y
	uni-tism			4	Field	QC Chec	ks			。
Was pre-c	leaned sam	pling equipm	nent used for	these samp	oles?	(Ý) N			
Was pre-c	leaning san	npling equipr	nent properly	y protected f	rom contam	ination?	Y) N			
Was docu	mentation o	f equipment	conducted?				NN	P		
Were air b	ubbles pres	sent in vials a	at time of col	lection?			Y N N	+		
Was samp	ole for metal	s field filtere	d prior to pre	eservations?		Č	W W	T		_
Duplicate :	sample coll	ected?					Y W	 Duplic	ate sample	
Rinsate bla	ank collecte	ed?				M	SA PAN	Rinsat	e blank ID	(CINSATE _271113-Th



					Job	Informatio	on					
Date: 2	8/11/13	,			12	Time:	arrive	9:40	Hay.	depart (D	45	
		INPHO	21			Projec	ct Number:	224	198			
		DRAL	75			Samp	ler: TM	•				
		HOUM.				Weath	ner: Ho	OT				
1					E	quipment	7.57					
Water qua	ality equipn	nent descript	ion: 451	- ilk 101		SC 385//	erface prob	e number:	Cas)	ech IP	462	542
Purging e	quipment:	Bailer	type:	Plastic	Teflo	n	PID	= 9.	8		-	Bomi
(please ci	rlce)	Pump	type:	Peristaltic	Subn	nersible	Micro-pu		Amazon	Other:		
			6	Well Gaus	ging and F	urge Volu	ıme Calcu	lations		T TEX		1150
Casing Di	ameter		25mm (50	mm 100m	T		200mm	250mm	300mm	Volume of wa	ter in well /	v
Conversio			0.49 1.	.96 7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in	litres	
otal Well	Depth	(-) Water		(=) Wate	er Column					P = 3.14159 r = radius in cr	n	
4.60	00	m (-)		m (=) <u>7</u>		_ m rsion Factor	(=) Litroc	ner 1 Mal	l Volume	h = height of v	ater column	in cm
			2.50	olumn Sn	(x) Conve	96	(=) Lilles	.90	L			
Depth to p	oroduct:		m	Product Thic	kness:	m	Veri	fied with E	Bailer:	N		
					Water Qu	ality Daras	motors					- Tolet
Beginning	purge time	9:54	. na	Ending purg	1000	anty i arai	ilicter 3	Pump	Intake Den	th (mbtoc):	1000000	1965
Litres	Time	PH	Temp ∘C	Cond		Redox	Drawdown	20000000000	Comments	ar (motoo).		
				(chS/cm	mg/b(mV -	<10cm	200	No.			,
(00		145.29	21.3			228	2,69	bru	has	in turbo	ity, or	do
2.0		15.5.30	2.2.	11088	3.60.		2.900	Jup	oliti	cleoin	1001	wer
2.5		45-23	21.3	11852	.Ze46.		2,995	AS	alas	ie -	,	
3.0	10:00	105.21	21.3	12071	1.6	170.5	3.06	430	bone			
		-										
)—	- NAAO					_00 (00) 2 0		NT.A.	A+, T. A	~		
	THAN	0 911	tep 10	- NOU		= WA	TER	COCO	1AWIA	2	-05	
		(AN	D777	7 1441	WEU	- WAS	PURCE	ED 10	240	HA RET	OKE)	
		oH. temp. cond	d readings not	necessarv if w	ell is puraed a	Exam	ple Comme	nts: clear	/ slightly clo	udy / turbid / very	turbid / no oc	dour /
20		otal Well Vol				<u> </u>	10.	40AM		our / strong odour	/ drawdown d	lepth
5.0	Α		f water prior to	sampling		Sample	e time	1-10	∟ Conta	iners used		R
	74	L/minute		Dic	d field param	neters stabil	ise?	N NA	Was the	well dry purged	SAM	
	u eu				Field	QC Chec	ks				VI NOE A	
Was pre-c	leaned sar	npling equipr	ment used for	r these samp	les?		N					
Was pre-c	leaning sa	mpling equip	ment properly	y protected fr	om contami	nation?	3 14					
Was docu	mentation	of equipment	conducted?			F	NW					
Were air b	ubbles pre	sent in vials	at time of col	lection?		-	Y (N) NA	*				
Was samp	ole for meta	als field filtere	ed prior to pre	eservations?		R	N NA					
Duplicate	sample col	lected?					Y(N)	 Duplic	ate sample	eID		_
Rinsate bla	ank collect	ed?					Y	Rinsa	te blank ID			_



EIVIVI														
	Job Information													
Date:	Date: 27 11 13 Time: arrive 2:40 depart 4:05. Project Name: SymPtony Project Number: 022410R													
Project N	ame: S		201			Proje								
		ODELL-	- List .				ler: TH							
Well ID:	LN	-MUOS	1			Weat	ner: FIN	E &	لكلك	tr.				
					Е	quipment								
Water qua	ality equip	ment descripti	on: 451 -	IIK loize		E28 E	erface probe	e number:	Carter	h 1P. # 4261. 30m				
Purging e				Plastic	Teflo		PIO pea			0				
(please ci		Pump t	2100000	Peristaltic		mersible	Micro-pu		Amazon	Other:				
			,,,,,											
Cosina Di			150 A	1	The second	Purge Volu	Tonas 1	100100	200	Values of cotacin coll (V				
Casing Di				mm 100n	2000	n 150mm 17.7	200mm	250mm	300mm	Volume of water in well / V = Prxrxh				
(volume in fa	ictor L/m)		_			17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159				
otal Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm														
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume														
Depth to product:m Product Thickness:m Verified with Bailer:														
Water Quality Parameters														
Beginning purge time: Fump Intake Depth (mbtoc):														
Litres	Time	-	Temp °C	Cond b S/cm	DO mg/L (V	Redox mV	Drawdown <10cm	С	omments					
1.0		1:126.67	22.2	5361	0.36	66.3.	1.760	Brawn	tubid	ity rodan.				
2.0	15:25:	046.68	21.8	5662	0.24	53.5.	1.765	43	aloa	~e!				
3.0		30 6.67	21.8	5854	0.18	49.2	1.455.	As	aloov	~				
4.0		06.68	21.8	5979	0.12	46.3	1,770	A	s also	ve.				
4.5.	15:39:	00 6.66	21.6	6008	0.07	43.9	1.770	k	s alon	ove				
<u> </u>														
						/s								
										-				
		*pH, temp, cond	l readings not	nacassanı if u	uell is nurged	day Exam	ple Comme	nts: clear /	slightly clou	udy / turbid / very turbid / no odour /				
115		Total Well Vol		necessary ii ii	reli is purged i	ory	11	slight	odour / odo	ur / strong odour / drawdown depth				
4.7	,	Actual amount of		sampling		Sample	time	436.	Conta	iners used				
		Flow rate mL/minute		Di	d field parar	meters stabil	ise?(Y)1	AA	Was the	well dry purged?				
					Field	QC Chec	ks							
Was pre-c	leaned s	ampling equipn	nent used for	r these samp		1	W (A							
A-ocstine-tones to		ampling equipr		e activities to reported accepting		ination?	NN			199				
\$500000 Decc	(5)	of equipment	\$ \$ 9	700			AN IN							
'Vere air b	oubbles p	resent in vials a	at time of col	lection?		,	YNA							
Was samp	ole for me	tals field filtere	d prior to pre	eservations?		1	R N NA							
Duplicate	sample c	ollected?					YOU	Duplic	ate sample	ID				
Rinsate bl	ank colle	cted?				T	YN	Rinsat	e blank ID					



LIVIVI													
					Job	Information	on						
Date: 2	Date: 27 12 Time: arrive 1:100 - depart Project Name: SYMPHOM Project Number: 224198												
			Mest			Projec	ct Number:						
Site Loca	tion: L1D	1965 6 1 166	CON-CV - 1-				ler: TH						
Well ID:	LN_1	NWFY.				Weath	ner: Hor	delear -					
		13406			-			4 COC 14E					
					E	quipment	1 1 1 1	CI DAVINI NO					
Water qua	ality equipme	ent description	on:			Int	erface probe	number: CodeL IP #4261 3am					
Purging e (please ci	equipment: irlce)	Bailer ty	/pe: I	Plastic	Teflo	n	4(D)	YEAL = 0.3					
	,	Pump ty	ype:	Peristaltic	Subn	nersible	Micro-pur	rge Amazon Other:					
	y			Well Gau	ging and F	Purge Volu	ıme Calcul	lations					
Casing Di	iameter	2	5mm 50	mm 100m	nm 125mn	n 150mm	200mm	250mm 300mm Volume of water in well / V					
Conversion			0.49 (1.	96 7.8	5 12.3	17.7	31.4	49.1 70.7 V = volume in litres					
volume in fa	otal Well Depth (-) Water level (=) Water Column r = radius in cm												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume													
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume M (x) 1 96 (=) 15 9													
× Hu													
Depth to product: m Product Thickness: m Verified with Bailer:													
Water Quality Parameters													
Beginning purge time: 13:30:10 Ending purge time: Pump Intake Depth (mbtoc):													
Litres	Time	PH	Temp °C	Cond In S/cm	DO mg/L (*)	Redox mV	Drawdown <10cm	Comments					
100	13:34:20	6.53	23.0	5047	0.83	64.2	1.900	know tubididy, so obur					
2.0.	13:39:00	6.55	22.7	5010	0.56	54.6	1.905.	how troudity to odor.					
3.0	13:44:00	The state of the s	22.6	4955	0.34	49.4	1.895	bran tribidity, no odan.					
4.0	13:50:00	6.56	12.7.	5069	0.30	49.2	1.895.	Brownfu solita, no odou					
4.5.	13:53:00	,	22.9	5111	0.29	4707	1.88	4 11) " (1					
				CAP-				* · · · · · · · · · · · · · · · · · · ·					
Ĵ						1							
	*pl	H, temp, cond	readings not i	necessary if w	rell is purged o	fry Exam	ple Commen	nts: clear / slightly cloudy / turbid / very turbid / no odour / slight odour / odour / strong odour / drawdown depth					
14.5		al Well Volu				Sample	time 1	Containers used					
0(ual amount of w rate	water prior to			000							
	0.000	/minute		Die	d field paran	neters stabil	ise?	Was the well dry purged?					
					Field	QC Check	ks						
Was pre-c	cleaned samp	oling equipm	ent used for	these samp	oles?	(YN						
Was pre-cleaning sampling equipment properly protected from contamination?													
	mentation of					1	Y (N NA						
	oubbles prese	10 10		ection?		4	Y (N) NA						
)	ole for metals					1	D N NA						
	sample colle						YAN	Duplicate sample ID					
111111111111111111111111111111111111111	ank collected					F		Rinsate blank ID					



						Job	Informati	on			
Date: 2	7/11/1	3-					Time:	arrive	11:15	Same .	depart
Project Na	ame: 54N	RHON	1				Proje	ct Number:			
	tion: LIC	1320	-					oler: TH			
	-N-M						Weat	her: Ho	TLU	EAR	
			TO STORY			Е	quipment				
Water qua	ality equipm	ent descri	otion.	- 110	1012	162	In	terface prob	e number:	Cooke	ch 1P. 626130m
0 0	quipment:	Baile	r type:	Plas	stic	Teflo		n -	= 0.5		
(please ci	rlce)	Pum	o type:	Per	staltic	Subr	mersible	Micro-pu	rge ,	Amazon	Other:
				w	ell Gau	ging and l	Purge Volu	ıme Calcu	lations		
Casing Di	ameter		25mm	50mm	100m	nm 125mr	m 150mm	200mm	250mm	300mm	Volume of water in well / V
Conversio			0.49	1.96	7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres
otal Well	Depth	(-) Wat	er level)	(=) Wat	er Column	1 5000				P = 3.14159 r = radius in cm
_1.78	0 -	m (-) <u>2</u>	Wate	m er Colum	(=) 5	785 - (x) Conve	_ m ersion Facto	r (=) Litres	per 1 Well	Volume	h = height of water column in cm
			5	185	r	m (x)	1.96.	r (=) Litres (=)		L	
Depth to p	oroduct:	-	_m	Pro	duct Thic	kness:	m	Veri	fied with B	ailer:	- (0)
						Water Qu	ıality Para	meters			The second
Beginning	purge time	11:39	39.	End	ding purg				Pump	Intake Dep	th (mbtoc):
Litres	Time	PH	Temp	°C 6	Cond S/cm	DO PP	Redox mV	Drawdown <10cm	С	omments	
1.0	1:45:2	5 6.4	1 22	4 11	1892	2.80	94.5	2.695	No	rlar	, clear.
2.0	11:51:00	4		1	319	2.44		2.835	No a	lan,	dear.
3.0	11:56:30		22.7		584	2.33	65.3	3.080	Noa	dow	doon
4.0	12:02:00		22.	0 16	773.	2.25	57.9.	3.280	575		alea-
4.5	12:05:3		× 22.8	3 18	6019	1.93	49.9.	3.315	100	ada	
5.0	12:07:15	6.46	122.	2 19	6044	1.78	47.2	3.345	No	oder	, dea
5.5.	12-10-4	1.0	22.	1 1	1197	1.67	41.6.	3.410	1	odan	, clear
6.0	12:13:4	76.4	722	1 i-	7273	1060	40.7	3.455	No	adam	, cloo
	,	oH, temp, co	nd reading:	s not nece	essary if w	ell is purged	dry Exam		slight		udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
(0.0		otal Well V		rior to san	pling		Sampl	e time 1	-10bm	_ Conta	ainers used
	1200	ow rate L/minute			Die	d field parar	meters stabi	lise?	N NA	Was the	well dry purged?
						Field	I QC Chec	ks			
Was pre-c	leaned san	npling equi	pment use	ed for the	se samp	oles?		NA			the second second
		All Districts				rom contam	nination?	N N			
- 13 ALSIA 631 - 17 A	mentation of							O'N N	1		
	oubbles pre	25 031			ion?		,	X (N) M			
)	ole for meta							W W			
	sample col		.8	/8				XM	 Duplic	ate sample	e ID
Rinsate hl							7			e blank ID	950-950 FF



	1				Job	Informatio	on	VIII 55		
Date:	12/13					Time:	arrive	3		depart
Project Na	ame:	MPHON	1			Projec	ct Number:	0221	1198	
	tion: Loc					Samp	ler: TH			
Well ID:	LO - r	1001				Weath	ner: Wor	-		
					Ec	quipment				
Water qua	ality equipme	nt description	on:			Int	erface prob	e number:	an	tech 1P. 4261 30
Purging e (please ci	quipment: rlce)	Bailer t		Plastic Peristaltic	Teflor Subm	n 5 nersible	Micro-pu		Amazon	Other:
			1	Well Gaug	ing and P	urge Volu	ıme Calcu	lations		
Casing Di	ameter	2	25mm / 50r	nm 100m	m 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fa			0.49	96 7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres
Total Well	Depth m	(-) Water	Water Col	m (=) O	(x) Conver	rsion Factor		per 1 Wel	l V	P = 3.14159 r = radius in cm h = height of water column in cm
					Water Qua	ality Parai	meters			
Beginning	purge time:			Ending purge	e time:			Pump	Intake Dep	oth (mbtoc):
Litres	Time	РН	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	C	omments	
				2727/422222		AND POLICE	2		Cine	1 turbidity, 10 ode
			1	Love	0	the	to			1
	Cra	0 500	you	pre	11	Int	ne			
			or	too	re					
		INSU	Hice							
) (X										
	*pF	H, temp, cond	readings not r	necessary if we	ell is purged d	ry Exam	ple Comme	nts: clear slight	slightly clo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
	Acti Flo	w rate	ume water prior to		Eald access	Sample		.30		ainers used
	l mL	/minute	(XIII)	סוט		eters stabili		. [19/3]	vvas ule	well ally buildens
						QC Check	KS			
mento		rnire d T reckletarnireke. Ling	nent used for				M			
hoolings of control to			ment properly	protected fr	om contami	nation?	N N	٦		
	mentation of					E	NN	-		11
Were air b	ubbles prese	ent in vials a	at time of coll	ection?		Ł	A (N) M)	He	well
Was samp	ole for metals	field filtere	d prior to pre	servations?			Y W H		0.000	James
Duplicate	sample colle	cted?				+	X (N)		ate sample	ROLLHSIZIS ITH.
Rinsate bl	ank collected	1?				(Y)	Rinsat	e blank ID	KUI-101 CIS 2111.



		30.20				Job I	nformatio	n			2世界 图 1000 1000 1000 1000 1000 1000 1000 1	
Date:	17/12	1134					Time:	arrive	€ 10	30HM	depart 11:70	
Project Na	me: 54	MPHON	24				Projec	t Number:	0224	198.		
		DELL					Samp	ler: 1H				
Well ID:							Weath	ner: Hot	T+ C	LEAR		
						Ec	uipment					
Water qua	lity equipm	ent descrip	otion: 907	FLM	J.	ч	5443Int	erface probe	e number:	Creat	ech 1P 4261 30m	
Purging ed		Baile	r type:	Plasti	С	Teflor	1				-	
(please cir	tce)	Pump	type:	Perist	taltic	Subm	ersible	Micro-pu	rge	Amazon	Other:	
			F	Wel	I Gaugin	g and P	urge Volu	me Calcu	lations		世代 1000 1000 1000 1000 1000 1000 1000 10	
Casing Dia	ameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V	
Conversio			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres	
Total Well	Depth		er level .) Water C						P = 3.14159 r = radius in cm	
6.00	00	m (-) <u>2</u>	Mator	Column	3.1	Conver	_ m	(=) Litres	ner 1 Well	Volume	h = height of water column in cm	
	3.166 m(x) 1, 10 (=) 1, 11 L											
Depth to product: m Product Thickness: m Verified with Bailer: Y N												
Water Quality Parameters												
Litres Time PH Temp °C Cond DO Redox Drawdown Comments												
mS/cm												
IL.	10:42:0				,	.54	-11-	2.895	dear	-,		
24	10:50:3			-		.41-	-77	2.900	000	rock	e.	
3	10:56:0		-			.32	-76	2.905	as a	some	_	
41.	(1:01:0	7.20	23.9	2.	67 0).27	-76	2.910	asa	Lare		
140												
							1			a resum sector to trans		
		oH, temp, co	nd readings r	not necess	sary if well is	s purged d	Exam	ple Comme			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth	
		otal Well Ve	olume of water prior	r to sampl	ina		Sample	time 11:	10AM	_ Conta	ainers used	
	FI	ow rate	or water prior	to ouripi	174	ld param	eters stabili	se2 Y I	N NA	Was the	well dry purged? Y N	
	m	L/minute			Did lie	nu param	etera stabili	se: [·] ·	. []	vvas tric	s well dry purged ! _ · _ · ·	
					A Park	Field	QC Check	S				
Was pre-cleaned sampling equipment used for these samples?												
Was pre-cl	Was pre-cleaning sampling equipment properly protected from contamination?											
Was docur	Was documentation of equipment conducted?											
Were air b	ubbles pre	sent in vials	at time of	collection	1?			N NA	+		0	
Was samp	le for meta	ls field filter	red prior to	preserva	tions?		C	Y N NA	1		_	
Duplicate s	sample coll	ected?					,	N (N)	Duplic	ate sample	elD	
Rinsate bla	ank collecte	ed?					-	Y FNJ	Rinsat	e blank ID	A TOTAL CONTRACTOR OF THE PARTY	



			NAME AND DESCRIPTION	lob	Informatio			XII VALLES				
Date: 10/	2/12			Job	tro established assert for	SALES LANCON	5000	E)	denot 10 120			
	713				Time:			210	depart [0; 70			
Project Name:	Symph	tony .				t Number:		419	8			
Site Location:	idales	U.			Samp		35.					
Well ID: LO_MC	003				Weath	ner: Fin	P					
					quipment							
Water quality equip	nent descripti	ion: 45	1 11110	1262	Int	erface probe	e number:	NSW	4253 30m			
Purging equipment:	Bailer t	type:	Plastic	Teflo	n							
(please cirlce)	Pump t	type:	Peristaltic	Subr	nersible	Micro-pui	rge A	Amazon	Other:			
			Well Gau	ging and F	Purge Volu	me Calcu	lations					
Casing Diameter	2	25mm 50	0mm 100m	A COLUMN		200mm	250mm	300mm	Volume of water in well / V			
Conversion Factor		STATE OF THE STATE	.96 7.85	200 634244	17.7	31.4	49.1	70.7	= Pr x r x h V = volume in litres			
(volume in factor L/m)												
Total Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 1-77 m(x) 95 (=) 3-45 L												
Y W												
Water Quality Parameters												
Beginning purge time: Pump Intake Depth (mbtoc):												
Litres Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	Co	omments	P10=18ppm			
0.5 09.29	6.79	21.5	4302	2.67	48.0	3.39	39 clear, no oclour					
1 09:3		21.3	4121	2.26	45.8	3.44	sligh	thy d	ondy no odor.			
1.5 09:31	100	21.1	3977	1.98	45.4	3.48	1	(t(
2 09:30	10	21.3	3847	1.79	44.9	3.54	L	(16			
2.5 19:4	6.74	21.3	3748	1.62	44.6	3.56	c	٠(t c			
									8 T			
						1						
	pH, temp, cond	d readings not	necessary if w	ell is purged o	dry Exam	ple Comme			udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth			
	otal Well Vol				Sample	time <u>09</u>	1:45	Conto	iners used 9+9			
	ctual amount of	f water prior to				1						
	nL/minute		Die	d field paran	neters stabil	ise? (Y)	NA NA	Was the	well dry purged? Y			
			I Edward Edward	Field	QC Checl	(S						
Was pre-cleaned sa	mplina equipm	nent used fo	r these samp	les?	1/	N (Y			Dynau mie see speed par see s			
Was pre-cleaning sa			11 1011 W. L. W. L. W. C.		ination?	YN						
					3	N NA	1					
	Was documentation of equipment conducted? Were air bubbles present in vials at time of collection? Y N NA Y N NA											
Was sample for met					1	N NA						
		a prior to pre	ooci valiuris?				_	ata camala	ID.			
Duplicate sample collected? Pinsate blank collected? Pinsate blank ID Rø1_131213_KF												



Date: 16 12 13. Time: arrive 10 454 depart												
Date: 16 12 13. Time: arrive 10:45am. depart												
Project Name: 54MPH324 Project Number: 0224198												
Site Location: Lineau. Sampler: TH.												
Well ID: LO - MWO3 Weather: FINE facesy.	-											
Equipment												
Water quality equipment description: Interface probe number: Carolach IP 4261 30	س											
Purging equipment: Bailer type: Plastic Teflon PlD peak = 0.8												
(please cirice) Pump type: Peristaltic Submersible Micro-purge Amazon Other:												
Well Gauging and Purge Volume Calculations	1											
Casing Diameter 25mm 50mm 100mm 125mm 150mm 200mm 250mm 300mm Volume of water in well / V												
Conversion Factor 0.49 1.96 7.85 12.3 17.7 31.4 49.1 70.7 V = volume in litres												
(volume in factor L/m) Total Well Depth (-) Water level (=) Water Column (=) Water Column P = 3.14159 r = radius in cm												
5.023 - m (-) 3.308 m (=) 1.715 m h = height of water column in cm												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume												
Depth to product:m Product Thickness:m Verified with Bailer:Y N												
Water Quality Parameters												
Beginning purge time: Pump Intake Depth (mbtoc):												
Litres Time PH Temp °C Cond R DO Redox Drawdown Comments												
mc/om N' martt m)/ <10cm												
1 11:59:50 6.77.22.1 4.4 0.88 143. National clear, octon (short)												
1.9. 12.9.2 6.70 2.8 4.3. 0.8 1 0.00	_											
20 12:05:30 6.78 21.9 4.25 0.78 128 3735 11	_											
2.5 12:08:32 6.78 21.7 4.24 0.61 124 3.770 " "	4											
3.5 12:18:02 6.78 22.1 4.17 10.48 104 .3.910. As above.												
3.5 12:18:02 6.78 22.1 4.17 0.48 104 .3.910. As above.												
	4											
*pH, temp, cond readings not necessary if well is purged dry *pH, temp, cond readings not necessary if well is purged dry *pH, temp, cond readings not necessary if well is purged dry *pH, temp, cond readings not necessary if well is purged dry *pH, temp, cond readings not necessary if well is purged dry												
Total Well Volume Actual amount of water prior to sampling Sample time 12 10 Am Containers used												
Flow rate mL/minute Did field parameters stabilise? Was the well dry purged?												
Field QC Checks	F											
61.4	\dashv											
Was pre-cleaned sampling equipment used for these samples?												
Was pre-cleaning sampling equipment properly protected from contamination?												
Was documentation of equipment conducted?												
Were air bubbles present in vials at time of collection?												
Was sample for metals field filtered prior to preservations?	uplicate sample collected? Duplicate sample ID											



- 1		19	a d		Job	Informati	on -	1					
Date:	16/12/13	5	K.	2 8		Time	Time: arrive \pm depart						
Project I	Name: 54	MPHON	pc		*:	Proje	ct Number:	02241	98	Fet			
	ation: L10		1			Samp	oler: TH	- 10 I	9	3415			
Well ID:	1-0-1	MOH		8	20	Weat	Weather: Hot wordt wasy						
					E	quipment	8			*			
Water qu	uality equipm	ent descript	ion:	E .		Int	erface prob	- 10-00-00-00-00-00-00-00-00-00-00-00-00-0		2 h			
Purging (please of	equipment: cirlce)	Bailer Pump	8	Plastic Peristaltic	Teflor	n nersible	Micro-pu		Amazon	Other:			
			-	Well Gau	iging and P	urge Volu	ıme Calcu	lations	382				
Casing D	oiameter ·		25mm 50	mm 100r	nm 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversion Factor 0.49 1.96 7.85 12.3 17.7 31.4 49.1 70.7 V = volume in litres													
-	II Depth O n		Water Co	m (=) L	ter Column (x) Conver (x) ckness:	46 .	(=)	per 1 Well -07. fied with B	L	r = radius in cm h = height of water column in cm			
					Water Qua	ality Parar	neters						
Beginning	g purge time:	1:30:	30 .	Ending purg	ge time:			Pump I	ntake Dep	th (mbtoc):			
Litres Time PH Temp °C Cond DO Redox Drawdown Comments mS/cm mg/L (**) mV <10cm									V K ⁰ 340 1				
1	13:34:34	7.54	21.7	3.03	0.94	36	3.710	no oc	- ,				
2	13:41:07	7.56	21-7	3.02	0.56	13	3.886	no	odon	r, clear.			
3	13:49:21	7.56	22.8	3.14	3.71	29	3-912	no	odon	r, clear.			
4.	14,03.28	7-28	21.4	3.40	1.67	20	3.986	no	odon	r, dear.			
				WHEET T									
)										-W			
7						-		4					
×				•									
				YE 12									
	*ph	ł, temp, cond	readings not r	necessary if w	ell is purged dry	Examp	ole Commen	nts: clear /	slightly clou dour / odou	dy / turbid / very turbid / no odour / ur / strong odour / drawdown depth			
	Actu Flov	al Well Volu al amount of w rate minute	ime water prior to		I field parame	Sample eters stabilis		I NA	17.	ners usedwell dry purged? Y N			
					Field C	QC Check	s		(1)				
Was pre-cl	eaned sample eaning samp	ling equipm	ent properly		les? om contamin	ation? Y	N	inal	_ 07	w 3.991.			
	ıbbles presei			ection?		Y	N NA			•			
	e for metals					Y	N NA						
	ample collec		e			Y	N	Duplica	te sample l	D			
	nk collected?					Y	N	Rinsate	blank ID	·			



	Job Information											
Date:		16.12	- 13				Time: arrive (150 depart 1740					
Project	Name:	্ ১৭ন	phon	$\overline{}$			Project	Number	: 077	4198	}	
Site Lo	cation:	L	dell				Sample	er:	J. Gran	F -		
Well ID	:	LO-M	W05				Weathe	er:	Frac			
						Equi	oment			1.0		
Water o	quality equ	ipment desc	ription:	Ug	117 1	of LMV	Inter	rface pro	be number:	Syi	1 3957 60n	
Purging (please	g equipme cirlce)		ler type:	Plast Peris	\sim)	Teflon Submers	ible	Micro-p	ourge /	Amazon	Other:	
				We	I Gaugin	g and Pur	ge Volun	ne Calc	ulations			
Casing	Diameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V	
	Conversion Factor (volume in factor L/m) 0.98 7.85 31.4							70.7	125.7	196.3	= Prxrxh V = volume in litres P = 3.14159	
Total Well Depth (-) Water level (=) Water Column 5.990 m (-) 2.950 m (=) 3.040 m Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 3.040 m (x) 1.96 (=)												
Depth to product: m Product Thickness: m Verified with Bailer: Y												
	Water Quality Parameters											
Beginni	ng purge t	time: 170	O	Endi	ng purge ti							
Litres	Time	PH Te		ond D		Drawdow 1 <10cm	1		C	omments		
Ì	1204	6.09 2	7.8 12	22 1.3	9-8	3 3075	+	5/191	st/2 (1	order	- Clear	
2	1208	6.07 2	6.7 12.	32 0.5	36 -82	-			oday		- Clear My Sheen	
3	12 12	6.09 2	26.6 17	.23 0.		······	 		00.00	*****	Smill	
4	1216	6.18	26.7 1	219 0.	10 -7	9 3.590						
5	1260	6.20	26.7 13	2.190.	38 -7	8 3.776	7					
									*			
											:	
		*pH, temp,	cond reading	s not neces	sary if well is	purged dry	Exampl	le Comm			udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth	
<	5	Total Well Actual amou		rior to samp	ing		Sample t	ime	225	_ Conta	iners used9	
- 2	250	Flow rate mL/minute			Did fie	ld paramete	s stabilise	e? 🕥	N NA	Was the	well dry purged? Y	
						Field QC	Checks	3				
Was pre	-cleaning	sampling eq	uipment us	ed for thes	e samples	?	⊗	N	· · · · · · · · · · · · · · · · · · ·	**************************************		
Was pre	-cleaning	sampling eq	uipment pro	operly prot	ected from	contaminati	on?) N				
Was doo	Was documentation of equipment conducted?											
Were air	rbubbles	present in vi	als at time o	of collection	1?		Y	PG N	IA			
Was sar	mple for m	etals field fill	ered prior t	o preserva	tions?		@		IA			
Duplicat	e sample	collected?					Y	CA	Duplica	ate sample	ID	
Rinsate	blank coll	ected?					Y	0	Rinsate	e blank ID	***************************************	



Job Information										
Date: 16.12.13 Time:	1339									
Project Name: Symphon Project N	Project Number: 0224/98 Sampler: J. Cran +									
Site Location: L, Lell Sampler:	Sampler: J. Crant									
Well ID: LO_MW06 Weather:	Weather: fine									
Equipment										
Water quality equipment description: 90 FCMV U9117 Interfa	ce probe number: SXD 3954 60m									
Purging equipment: Bailer type: Plastic Teflon (please cirlce)										
	icro-purge Amazon Other:									
Well Gauging and Purge Volume	Calculations									
Casing Diameter 25mm 50mm 100mm 125mm 150mm 20mm	00mm 250mm 300mm Volume of water in well / V									
Conversion Factor (volume in factor L/m) 0.98 1.96 7.85 31.4 49.1	70.7 125.7 196.3 = Prxrxh V = volume in litres									
Total Well Depth (-) Water level (=) Water Column 7.090 m (-) 2.930 m (=) 4, m P = 3.14159 r = radius in cm h = height of water column in cn										
Mater Column (x) Conversion Factor (=) Litres per 1 Well Volume										
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) L										
Depth to product: m										
Water Quality Parameters										
Beginning purge time: 1255 Ending purge time: VOC:0.2										
Litres Time PH Temp °C Cond DO Redox Drawdown Comments										
1 1759 6.49 76.3 3.39 1.54 -94 30% Turbid Milky brown -> Clear 7 1303 6.45 74.9 3.74 0.93 -107 3.175 Slight HE Odor - very smill										
3 1307 6.45 74.3 3.15 0.56 -104 3.275	Sheen									
4 13/1 6.44 24.2 3.14 0.42 -117 3.335) heen									
5 1315 6.43 74.2 3.12 0.40 - 116 3.380										
3 1713 0 19 6416 3.16 1 10 110 3.30										
*pH, temp, cond readings not necessary if well is purged dry	Comments: clear / slightly cloudy / turbid / very turbid / no odour / slight odour / odour / strong odour / drawdown depth									
Total Well Volume Actual amount of water prior to sampling Sample tim	e 1370 Containers used 9									
Flow rate	Containers used									
725 U mL/minute Did field parameters stabilise?	Y N NA Was the well dry purged? Y N									
Field QC Checks										
Was pre-cleaning sampling equipment used for these samples?	$N_{\scriptscriptstyle \odot}$									
Was pre-cleaning sampling equipment properly protected from contamination?	N									
Was documentation of equipment conducted? N NA										
	NA NA									
Was sample for metals field filtered prior to preservations?	N NA									
	Duplicate sample ID									
Rinsate blank collected?	Rinsate blank ID									



Job Information														
Date: (7.12	-13					Time:	Time: arrive (0:55 depart (0:45						
Project Na	ame: Sy	nmp	hon	5			Projec	t Number:	02	241	98			
Site Loca	tion:	ido	len				Samp	ler: 51	N					
Well ID:	LO	_ m	W08	3			Weath	ner: Su	nn	5.	0			
						Ec	uipment							
Water qua	ality equipme	ent descrip	tion:	rm	etvo	90 FC	Inte	erface prob	e number:	Air	met NSW 4254 30m.			
Purging e (please ci	quipment: rlce)		type:	Pla	stic	Teflor Subm	n ersible	Micro-pu	ırge ,	Amazon	Other:			
				W	ell Gaug	ging and P	urge Volu	me Calcu	lations					
Casing Di	iameter		25mm	50mm	100m	m 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversion (volume in fa			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres			
Total Well	Depth	(-) Wate	r level		(=) Wate	er Column					P = 3.14159 r = radius in cm			
Mater Column (x) Conversion Factor (=) Litres per 1 Well Volume														
6.9 m(x) 1.96 (=) 214 L														
Depth to product: m Product Thickness: m Verified with Bailer: V														
Water Quality Parameters														
Beginning purge time: 1 : 0 3 Ending purge time: 1 () 30 Pump Intake Depth (mbtoc): 9.														
Litres Time PH Temp °C Cond DO Redox Drawdown comments mS/cm mg/L mV <10cm										, ,				
1.0	11:08	7.38	24.0		3-01	1.02	77	3-17						
2-0	11:15	7.5	_			0.49	82.	3.22			bone			
3-0	11:20	8.71	23.1		-2	0.33	85	3-23		ns o	Some.			
40	11:25	8.75	22.	9 19		0.25	88	3-23	0		asone.			
5.0	11:30	8.79	22	9 10	1-10	0-23	89	3-23		S	abone.			
		Di												
	*pł	H, temp, cor	nd readings	not nece	ssary if we	ell is purged di	Exam	ple Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
5-0		al Well Vo		or to sam	pling		Sample	time 1(31	_ Conta	ainers used			
200		w rate /minute			Did	I field param	eters stabili	se? Y	NA NA	Was the	well dry purged?			
						Field	QC Check	S						
Was pre-cl	leaned samp	oling equip	ment used	d for the	se sampl	les?	(Y) N	(+ × 0	insolr			
Was pre-cl	leaning sam	pling equip	ment prop	perly pro	otected fr	om contamir	nation?	YN		lyr	netal.			
Was docur	mentation of	equipmen	t conducte	ed?			_	N NA		4 ×	vials.			
	ubbles prese				on?		,	Y N NA	-	1 ×	PFOS. al NTW 3.18			
	le for metals							Y N NA		fin	al DTW 3.18			
	sample colle							YN	l Duplica	ate sample	ID			
The second second	ank collected						H	V	20	e blank ID	No. of the last of			



					Job	Information	on						
Date: /	6.12.	13				Time:	Time: arrive 16:10 depart 17:06						
Project N	2423200 00	mph	ong			Projec	ct Number:	02	241	98			
Site Loca	100	dde				Samp	100			01-			
Well ID:	40	- mh	110			Weath	ner: Su	nn	5				
					E	quipment				建筑是在1000000000000000000000000000000000000			
Water qu	ality equipm	ent description	on: Acm	net 1	96 FLN 49114	01. /	erface probe	e number:		net NSW 254 30 m.			
Purging e (please c	equipment: :irlce)	Bailer ty Pump ty		Plastic Peristaltic	Teflo Subr	on mersible	Micro-pu	rge	Amazon	Other:			
				Well Gau	iging and I	Purge Volu	ıme Calcu	lations					
Casing D	iameter	2	25mm 50	mm 100r	mm 125mr	m 150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversion Factor $\begin{vmatrix} 0.49 & 1.96 & 7.85 & 12.3 & 17.7 & 31.4 & 49.1 & 70.7 & V = vo. \\ (volume in factor lm \rangle)$									V = volume in litres P = 3.14159				
	<u> </u>	(-) Water m (-) <u>2 · 0</u>	Water Co	_m (=) blumn	(x) Conve	ersion Factor	(=)		L	r = radius in cm h = height of water column in cm			
					Water Qu	iality Para	meters		~				
Beginning	g purge time		ALVALLE CAL	Ending pur	an Mara			Pump	Intake Dep	oth (mbtoc):			
Litres													
1.0	16:32	4.38	24.3	4.12	1.03	39	2-56	Cla	n de	brown no oda			
2.0	16:37	4.23	23.1	4-24	0.92	46	2.60			abone			
3.0	16.43	4-22	22.5	4-33	0.78	48	2.63		as	abone			
4.0	16:49	4.22	22-2	4-33	0.62	53	2.65		as	abone.			
5.0		4.20	22.1	4.31	0.59	56	2-68		as	whome.			
					E-								
					8								
	*p	H, temp, cond	readings not	necessary if v	well is purged	dry Exam	ple Comme			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
5-0	Ac	tal Well Volu		sampling		Sample	e time 16	:22	_ Conta	ainers used			
200	0.7000	ow rate _/minute		D	id field parar	meters stabil	ise? (Y)	NA NA	Was the	e well dry purged?			
2 T		y de			Field	QC Check	ks						
15%)		pling equipm			j.	ination?	Y N Y N	4	4 mb	er ials ietals.			
Was docu	ımentation o	f equipment	conducted?			8	N NA	.] [YM	lethos.			
Were air b	oubbles pres	ent in vials a	at time of col	lection?			Y N NA						
Was samp	ple for metal	s field filtered	d prior to pre	eservations?	?	<	NA NA						
Duplicate	sample colle	ected?				(N	Duplic	ate sample				
Rinsate b	lank collecte	d?				7	Y) N	Rinsat	e blank ID	ROI-16121J_JN			



Job Information													
Date:	17.1	2.13				Time:	Time: arrive 8:30 depart [0:0						
Project N	ame:	ym	phor	19'		Projec	ct Number:						
Site Loca	ame: S	idde	n	0		Samp		W					
Well ID:	LO-	- mh	211			Weath	ner: Su	nnu	e				
	Million State			1/30 JET	E	quipment	4415.60						
Water qua	ality equipme	ent descripti	ion: Acro	net o	10 F LMI		erface prob	e number:	Acr 42	net NSU -S4 30m.			
Purging e (please c	equipment: irlce)	Bailer t		Plastic Peristaltic	Teflo Subi	n mersible	Micro-pu	rge ,	Amazon	Other:			
	的基础的			Well Gau	ging and I	Purge Volu	ıme Calcu	lations					
Casing D	iameter	- 2	25mm 50	0mm 100r	nm 125mr	m 150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversion (volume in fa	on Factor		0.49	.96 7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres			
Total Well Depth (-) Water level (=) Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume													
Depth to product:II													
Water Quality Parameters													
Beginning purge time: 8:46 Ending purge time: 9:12. Pump Intake Depth (mbtoc):													
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments				
1.0	8:49	8.32	21.9	1.53	2-73	48	1.90	cleo	v.	no odenr.			
2.0	8:56	8.09	22-1	1-44	2.60	-2.0	2-35			abone			
3.0	9:01	8.11	21.6	1-28	2.66	14.0	2-88		2	abone.			
4.0	9:07	8.13	21.9	1.28	2.67	-20.0	2.95		as	abone			
5.0	9:12	8-15	21-1	(-28	2.71	-23.0	3.04		as	abone			
Dun	ng i	amp	ling	wate	Ste	pred	Flor	o ch	eche	ed water level,			
cha	need	tu	bine	· Tubin	26 53	ught	on		crea				
con	tinua	20	sung	ling	-	0							
			· ·										
	*pi	H, temp, cond	d readings not	necessary if v	vell is purged	dry Exam	ple Comme			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
5.0		tal Well Vol	ume f water prior to	o sampling		Sample	e time 9:	13	_ Conta	ainers used			
	31.27	w rate /minute	*	Di	d field parar	neters stabil		NA NA	Was the	well dry purged?			
					Field	QC Checl	ks						
Was pre-c	leaned samp	pling equipn	nent used fo	r these samp	oles?	Y	YN		ixar	wer			
Was pre-c	leaning sam	pling equipr	ment proper	ly protected	from contam	ination?	Y N		1 × me	tal			
Was docu	mentation of	equipment	conducted?	Č		K	Y N NA		KKU	ids.			
Were air b	oubbles pres	ent in vials a	at time of co	llection?			Y N NA						
Was samp	ole for metals	s field filtere	d prior to pr	eservations?		8	Y N NA		inal	010			
Duplicate	sample colle	cted?					YN	Duplic	ate sample	e ID			
Rinsate bl	ank collected	d?					YN	Rinsat	e blank ID				

###	-
X	
-	
	N

and and	0-5	ble	1	- ad	2100	1.6							
D.4 1	Pos	12	Ret	unned	Job	Informati		1010	C)	111111111111			
	2000 TO 1000	1.13	1	6.12						depart 10:50/9:15			
Project N	- 7	graph	nong			265	Project Number: 0224198						
Site Loca		dde	α				Sampler: JN						
Well ID:	LO_1	mW12				Weat	her: Su	nny	1				
						quipment							
Water qu	ality equipm	ent descripti	on: Air	met V	90 PU	Int	terface prob	e number	AUNI	ret NSW 1254 John.			
Purging e	equipment:	Bailer t	уре:	Plastic	Teflo	n							
(please c	cirlce)	Pump t	ype:	Peristaltic	Subr	mersible	Micro-pu	ırge	Amazon	Other:			
St. (8.8)				Wall Gau	iging and I	Durge Volu	ıma Calcu	Ilations					
Casing D	liomotor		25mm 50	mm 100r			T	250mm	300mm	Volume of water in well / V			
	on Factor		/	.96 7.8	ere laverer	17.7	31.4	49.1	70.7	= Prxrxh			
(volume in fa	(0.00) Tel	(-) Water			ter Column	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159			
Total Wel	l Depin r	(-) Water	42	_m (=)	ter Column	_ m				r = radius in cm h = height of water column in cm			
			Water Co	olumn	(x) Conve	ersion Facto			I Volume	no visible product in			
		1.67	<u></u>		m (x)				T	N product in			
Depth to	product: 3.	44.3_r	n	Product Thi	ckness: <u>*</u> C	<u>m</u>	Veri	fied with E	Bailer:	no odow.			
	the second				Water Qu	ality Para	meters						
Beginning	g purge time:	9:1	4	Ending pur	ge time: 9	1:40		Pump	Intake Dep	th (mbtoc):			
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	C	omments	,			
1.0	9:20	8-30	21.5	2-78	1.67	37		cla	r dy	, no odour.			
2.0	9:25	8.84	21-2	2.29	0.93	24	3.50		2	about			
3.0	9:30	8.94	21.0	2.06	0.91	14	3.51	0	5	above.			
4.0	9:35	8.89	21-1	2.06	0.90	12	3.52	Slig	Lith				
5.0	9:40	8.92	21.1	2-06	0.87	7.0	3.52	0	as	abone.			
	*0	L H temp cond	l readings not	necessary if v	vell is purged o	dry Exam	ple Comme			udy / turbid / very turbid / no odour /			
74700 97	7-				, , , ,		0		odour / odo	our / strong odour / drawdown depth			
5.0		tal Well Volume to the transfer of the transfe		sampling		Sample	e time 9.	41	_ Conta	ainers used			
200	9100	w rate /minute		Di	id field paran	neters stabil	ise? Y	N NA	Was the	well dry purged? Y N			
an Rilling County In					/	AND POR							
					Language Control	QC Chec							
Was pre-c	cleaned sam	pling equipn	nent used fo	r these sam	ples?	(YN	(f y L	lials.			
Was pre-c	cleaning sam	pling equipr	ment properl	y protected t	from contam	ination?	YN	_	1 y a	rials.			
Was docu	mentation of	equipment	conducted?				Y N NA	1	XX	FOS.			
Were air b	oubbles pres	ent in vials a	at time of col	llection?			Y N NA	Ci	nal	DTW 3.53.			
Was samp	ple for metals	s field filtere	d prior to pre	eservations?		(Y N NA	1	St. 1889.	Vi.			
Duplicate	sample colle	cted?					YN	Duplic	ate sample	ID			
Rinsate bl	lank collecte	d?					YN	Rinsat	e blank ID	_			



Job Information													
Date: (7.12	.13					Time:	1.03					
Project Na	ame: Sy	mp	hon	5			Projec	t Number:	022	419	8		
Site Locat	tion: 🔼	dd	ell				Sampl	er: Jr	V				
Well ID:	LO-	MWI	3				Weath	Weather: Sunny					
							uipment						
Water qua	ality equipme	ent descrip	otion: AC	rnet	V911	4 FL	nte Inte	erface prob	e number:	Ain	met NSW 4754 30m.		
	quipment:	Baile	r type:	Plastic	:	Teflon							
(please ci	псе)	Pump	type:	Perista	altic	Subme	rsible	Micro-pu	irge A	Amazon	Other:		
1				Well	Gauging	and Pu	rge Volu	me Calcu	lations				
Casing Di	ameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversio			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
Total Well Depth (-) Water level (=) Water Column r = radius in cm													
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume													
$\frac{7.0}{m(x)} \frac{1.96}{1.96} = \frac{214}{x} \frac{1}{x}$													
Depth to product: m Product Thickness: m Verified with Bailer: Y N													
Water Quality Parameters													
Beginning purge time: 7:28 Ending purge time: 7:57 Pump Intake Depth (mbtoc): 8.5.													
Litres Time PH Temp °C Cond DO Redox Drawdown < 10cm Comments													
10	7:33	8.43	21-1	3.6	4 1.6	16 1	25	1.92.	clear, no odeur.				
2.0	7:43	8-31	21.3	3.6	50.	58	98	1.97			bone.		
3.0	7:48	8-49	21.6	+ 3.6	20	.57	86	1.93	a	3 1	bone.		
4.0	7:53	8.42	21.4	3.5	180.	51	79	1.93	a	s a	bone.		
5.0	7:57	8.41	21-4	3.6	52 0.	49	79	1.93	a	2	above.		
					_								
			-										
							F	-l- C	nta, alaas/	aliabili, ala	udi (/ bimbid / vami bimbid / ma adaum /		
	*pi	H, temp, co	nd readings	not necessa	ary if well is	purged dry	8		slight		udy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
5.00		tal Well Vo	olume of water price	or to samplin	ng		Sample	time 7	:58	_ Conta	ainers used		
200	Flo	w rate /minute	•		:7 	d parame	ters stabili		N NA	Was the	well dry purged? N		
						Field C	C Check	S			为1.5% 发展的 1.5% (A)		
Was pre-c	leaned samp	oling equip	ment used	for these	samples?		G	N		3 x a	mber		
Was pre-c	leaning sam	pling equi	pment prop	erly protec	cted from	contamina	ation?	N		LX	vials.		
100 E	mentation of			100				N NA		14	rials.		
Were air b	ubbles prese	ent in vials	at time of	collection?	?		,	Y N NA		PFO	05.		
Was samp	le for metals	field filter	ed prior to	preservati	ons?		6	N NA		inal	DTW 1.92.		
Duplicate s	sample colle	cted?					6	200	 Duplica	ate sample	e ID		
Rinesta bla	ank collecter	12					,	·	Pineate	a blank ID	_		

Groundwater - well sampling data form,o

11/0



				U.S.	Job Ir	formatic	n		建筑 石层			
Date: (7)12	13					Time:		11:4	5.	depart		
Project Name: 4		V				- ACOUNT NO.	t Number:					
Site Location:	and the second second					0.00	er: 171					
Well ID: LO							ier: XO	80	EN			
10.	- 6100 (0)			ALC: NO.				V	CHR	mww.warand		
Water quality eq	ipment descr	iption: 90	FLMV		VICTOR BUTTON	uipment 15件低	erface prob	e number:	Ceal	ech 1830 n 4261.		
Purging equipme (please cirlce)		er type:	Plastic	-	Teflon Subme	ersible	Micro-pu	rge	Amazon	Other:		
			Well	Gaugin	g and Pu	ırge Volu	me Calcu	lations		斯·克勒克·多斯斯·比斯·里·马		
Casing Diameter		25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversion Factor		0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Pr x r x h V = volume in litres		
Volume in factor L/m) P = 3.14159												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume m (x) (=) (=) (L)												
Depth to product: m Product Thickness: m Verified with Bailer:												
Water Quality Parameters												
Beginning purge time: Pump Intake Depth (mbtoc):												
Litres Time PH Temp °C Cond DO P Redox Drawdown Comments mS/cm mg/L mV <10cm												
(12:19:17.4) 27.04.04 0.72 -203 2.05 odour (not inducation)												
2 12:1	5:4 7.4	2 22	0 3.	70 0	36.	-211	2.070	door	- (sul	tu-like)		
3. 12:8	1:00 7.1	亿 22.	436	4 0	.15	-218	2070	as	above			
4 123	7:30 7.4	1 22.6	3:	7 0	.21	-224	2.080	η	(1			
					2.0	1						
						70						
	*pH, temp, c	ond readings	not necessa	ary if well is	purged dry	Exam	ple Comme			udy / turbid / very turbid / no odour /		
	Total Well	Volume	or to samplir	na		Sample	time	1.45	Conta	ainers used		
	Flow rate mL/minute		,		ld parame	ters stabili	se?	N NA	Was the	well dry purged? Y		
D 55500 UT 15574	10.000				F:-1-1 6	00.011	WALLES WILLIAM			AND STREET BUNGESTON OF STREET		
ERIC ASSISTANT					And the state of the	C Check	1					
Was pre-cleaned	i de sis			\$		7	N N					
Was pre-cleaning			200	cted from	contamin	ation?	K	7				
Was documentati				2		4	Y N NZ			2 171112 TH		
Were air bubbles	•						X (Vb MA	+		161-111712-111		
Was sample for n Duplicate sample		erea brior to	preservati	IONS!			A) M		ate sample	FOI-171213-TH		
Rinsate blank col						-	TA	20000	te blank ID			



V						-							
4000	21-	10			Job	Informatio							
	13/12					Time:				depart 08:15			
Project Na	ame: Su	Jarph	ronn				t Number:		1198	<u> </u>			
Site Loca	tion: Lie	idel	1			Samp	ler: K.F						
Well ID:	40_	MWI	5			Weath	ner: Fr	e					
		Topic dis			E	quipment							
Water qua	ality equipme	ent descripti	ion:	151 1110	101262	, Int	erface probe	e number:	Nou	U 4253 30m			
Purging e	quipment:	Bailer t		Plastic	Teflo								
(please ci	rice)	Pump t	type:	Peristaltic	Subr	nersible	Micro-pu	rge /	Amazon	Other:			
R I SA				Well Gau	ging and F	Purge Volu	me Calcu	lations					
Casing Di	iameter	:	25mm 50	mm 100m	nm 125mr	n 150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversio			0.49 (1.	.96 7.85	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres			
(Volume in factor L/m) $P = 3.14159$													
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume													
M N													
Depth to product: m Product Thickness: m Verified with Bailer: Y													
					Water Qu	ality Parai	neters						
Beginning purge time: 07:25 Ending purge time: Pump Intake Depth (mbtoc):													
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments	PID=1.0ppm			
ı	07:31	6.40	21.2	5053	9.82	1103	3.40	de	er, n	o odow			
2	07:36	5.69	21.3	4843	9.18	124.3	3.76	-					
3	07:41	5.60	21.3	5020	8.52	124.4	4.02			(1			
4	07:46		21.4	5197	852	126.1	4.32		4				
		2.4											
类						50		10					
					V)								
	*pl	H, temp, cond	l readings not	necessary if w	ell is purged o	dry Exam	ple Commer			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
	9070	al Well Vol		22		Sample	time ()	7:50		niners used 9			
110	1000	ual amount of w rate	f water prior to			L1 0000 5000 \$0000	Tunie						
190		/minute		Die	d field paran	neters stabili	se?	NA NA	Was the	well dry purged?			
	15				Field	QC Check	(S						
Was pre-c	leaned samp	oling equipn	nent used for	these samp	les?	(Y) N						
Was pre-cl	leaning sam	pling equipr	ment properly	y protected fi	rom contam	ination?	N			70			
Was docur	mentation of	equipment	conducted?			14	N NA						
Was documentation of equipment conducted? Were air bubbles present in vials at time of collection? Y N NA Y N NA													
Was sample for metals field filtered prior to preservations?													
	sample colle		or strong in a retuited to				YN	Duplica	ate sample	ID			
Rinsate bla	ank collected	1?				1.0	YN		e blank ID				



					Job	Informatio	on					
Date:	13/1	2/13				Time:	arrive ?	58:30	depart 091,15			
Project Na	ame: 5	my	chon			Projec	t Number:	0224198				
Site Locat	tion: Li	ddel	1			Samp		.F.				
Well ID:	Lo.	MW	16			Weath		re	Б			
					E	quipment			斯特克斯特拉基巴耳克 斯			
Water qua	ality equipme	nt descript	tion: 45	ILLIO	1262	Int	erface probe	e number: NSW	4253 30m 1			
Purging e		Bailer	type:	Plastic	Teflo	n						
(please ci	rlce)	Pump	type:	Peristaltic	Subm	nersible	Micro-pu	rge Amazon	Other:			
				Well Gaug	ging and P	urge Volu	me Calcu	lations				
Casing Di	ameter		25mm 50	mm 100m	m 125mm	150mm	200mm	250mm 300mm	Volume of water in well / V			
Conversio			0.49	7.85	12.3	17.7	31.4	49.1 70.7	= Prxrxh V = volume in litres			
		(-) Wate	r level	(=) Wate m (=)	er Column	- La			P = 3.14159 r = radius in cm			
/c	Depth m	(-)	(4.6) Water Co	m (=)). 42	_ m	(=) Litres	ner 1 Well Volume	h = height of water column in cm			
			Water Co	143	1 (x)	96.	(=)	per 1 Well Volume				
Depth to p	product:		m	Product Thic	kness:/	m	Verif	ied with Bailer:	N			
VIII SANTONIO DEL CONTROLO							IN WALKE		Nothing of Bond Str. Co. Edward			
MANAGE IN					Water Qu	ality Parai	neters					
	purge time:	080		Ending purg	1	201 01		Pump Intake Dep	3 1			
Litres	Time	РН	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Value of the contract of the c	Comments	PID=0.8ppm			
1	09:33	6.11	21.2	10297	7.88	75.0	5.07	Clear, 10	odow			
2	08:38	6.13	21.3	11010	6.51	72.4	510	در	(
3	08:43	6.13	21.2	11305	4.33	70.3	5.15	٠(r.			
4	08:49	6.11	21.2	112511	3.33	69.8	5,17	1 ~	(v			
		Ař										
		190							f			
								71				
	*pH	l, temp, con	d readings not	necessary if w	ell is purged a	ry Exam	ple Commer		udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth			
		al Well Vo		90%		Sample	time O	8:55 Conta	iners used 9			
01/		ial amount c w rate	of water prior to	300 300		C. 25 P. C.						
219	(O mL/	minute		Dic	l field param	eters stabil	se?	N NA Was the	well dry purged?			
		1/1			Field	QC Check	(S		企图的 。2015年第二次			
Was pre-cl	leaned samp	ling equip	ment used for	these samp	les?	1	Ŷ N					
Was pre-cl	leaning samp	oling equip	ment properl	y protected fr	om contami	nation?	YN		5			
Was docur	mentation of	equipment	t conducted?			0	N NA]				
Were air b	ubbles prese	nt in vials	at time of col	lection?			Y (N)NA	1				
	Were air bubbles present in vials at time of collection? Y N NA Was sample for metals field filtered prior to preservations? N NA											
	sample collec		Res. 1000 (100 (100 (100 (100 (100 (100 (10				YN	J Duplicate sample	ID/_			
1	ank collected						Y (N)	Rinsate blank ID	_//_			



					Job	Information	on			
Date:	17.1	2.1	3			Time:	arrive	11:5	0	depart (2:40
Project N	Name: S	ymp	hon	9.			ct Number:			
Site Loca	ation: Li	dela	211			Samp		N		
Well ID:	CO-	mwi	7			Weatl	ner: Su	inn	5	
					E	quipment				
Water qu	ality equipm	ent descript	tion: Air	met	90 F	LMV Int	erface prob	e number:	AU 4	254 2000.
Purging ((please o	equipment: cirlce)	Bailer Pump	32.4.3.2.2.2.2	Plastic Peristaltic	Tefle Sub	on mersible	Micro-pu	ırge .	Amazon	Other:
A CAN				Well Gau	ging and	Purge Volu	ıme Calcu	lations		
Casing D	Diameter		25mm 50	0mm 100n	nm 125m	m 150mm	200mm	250mm	300mm	Volume of water in well / V
Conversi	ion Factor		0.49	7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres P = 3.14159
Total We	II Depth 7r	(-) Wate m (-) <u>3 ·</u>	Water C	(=) Wat _ m (=) olumn	(x) Conv	ersion Factor	r (=) Litres (=)	per 1 Well	L	r = radius in cm h = height of water column in cm
Depth to	product:		m	Product This	ckness:	m	Veri	fied with B	ailer:	
					Water Qu	uality Para	meters			
Beginnin	g purge time	: 12:0	X	Ending pur	ge time:	12:24		Pump	Intake Dep	oth (mbtoc): 5.5.
Litres	Time	PH	Temp ∘C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	C	omments	
10	12:10	8.10	24.9	9.86	2.25	80	3.19	clan	dylb	run, no odom
2.0	12:15	8.05	23.2	9-58	1-71	93	3.19	(is i	Moure.
3.0	_	8.02	22-8	9-52	1-60	100	3-19		as	Source.
4.0	12:24	8-01	22-7	9.53	1.57	roo	3-19.	Slig	hty	cloudy, no oden
	**	oH, temp, con	nd readings no	t necessary if v	vell is purged	dry Exam	ple Comme			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
4.0		otal Well Vo	lume of water prior t	o sampling		Sample	e time 13	:25	_ Conta	ainers used 10
200	t FI	ow rate L/minute		Di	d field para	meters stabil	ise?	N NA	Was the	e well dry purged?
V (18)					Field	d QC Chec	ks			
Was pre-	cleaned sam	npling equip	ment used fo	or these samp	oles?	(YN	38	4 x	amber.
Was pre-	cleaning san	npling equip	ment proper	ly protected t	from contan	nination?	YN		1 7	metals.
			t conducted?	2500		7	Y N N	A	4 X	metals.
			at time of co			1	YON		l X	PFOS
				eservations?		7	YNN	- ~	nal	DTW.
	sample coll		- 2 F.101 to pi			1	YN		ate sample	e ID
	olank collecte					-	YN		e blank ID	



					Job	Informatio	n				
Date: 2	8/11/13	3				Time:	arr	ive	lay.		depart
Project Na	ame: 54	MRYMON	M			Projec	t Num	ber: (124	1198	
Site Locat	tion: L109	DELL-	- LP			Samp	ler:	TM	- P		
Well ID:	LP_MI	101				Weath	er:	HIOT	7.		
					E	quipment					
Water qua	ality equipme	ent descripti	ion: 451	11 K1012	262.	Inte	erface	probe	number:	Ceolcel	-1P = #4261 30m
Purging e		Bailer t		Plastic Peristaltic	Teflo Subn	n nersible	200	o-purg	Je .	Amazon	Other:
FIRE	THE T			Well Gau	ging and F	Purge Volu	me C	alcula	tions		
Casing Dia	ameter	- :	25mm 50	0mm 100m		T	200r	T	250mm	300mm	Volume of water in well / V
Conversio			0.49	.96 7.85	5 12.3	17.7	31.4		49.1	70.7	= Pr x r x h V = volume in litres
otal Well	Depth	(-) Water		(=) Wate	er Column	1					P = 3.14159 r = radius in cm
9.91	n n	n (-) 3.	Water C		(x) Conve	_ m rsion Factor	(=) L	itres pe	er 1 Well	Volume	h = height of water column in cm
Water Column, (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) 13 c 40 . L											
Depth to p	roduct:	r	n	Product Thic	kness:	m		Verifie	d with B	ailer:	
					Water Qu	ality Parar	neter	5			100
Beginning	purge time:	11:37:2	20	Ending purg	e time: 🚺	2:05.			Pump l	ntake Dep	th (mbtoc):
Litres	Time	PH	Temp °C	Cond	DO mg/L	Redox mV	Drawd		С	omments	
1.0	11-42:02	6.76	21.6	18293	1.02	63.7	37	5	Jea	4/10	odon
20	11:47:20		21.8	18555	1.02	50.3.	3.8	_	leo	1	bodon.
3.0	11:53:50	6.78	224	18085	0.70	35.6.	3.91	50	Leas	量の	dan.
4.0.	11:59:00	6.77	221	18001	0.67	27.8	4.0	30.	dear	dus.	odan
4.5.	12:02:42		21.9	17510	0.73	13.3	4.0	55	dea	- t ~	o ode
5.0	12:04:01	16.P	21.8	17800	070	2/0/	4.08	5	dea	- In	s adem.
/											
								_			
									one na robanca		The second secon
	*pi	H, temp, cond	d readings not	necessary if w	ell is purged o	dry Exam	ple Co	nment			udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth
5		tal Well Vol	ume f water prior to	o sampling	~	Sample	time	17	: i0	_ Conta	iners used
	Flo	w rate			field naram	neters stabili	Se? [A	INA	Was the	well dry purged?
	I mr	/minute								vvas trie	well dry purged :
		RIEIUNDE:			III II E PORTE IN	QC Check					
- 50. Vitalia	55 17			or these samp			YN				
	Accordant Carlos Constant			ly protected fr	rom contami	_	YN	11			
		2 80	conducted?				YN	NA			
)			at time of co			-	YN	NA			
			d prior to pr	eservations?		- 1	YN	NA			was.
	sample colle						YN	-	15 ENERG 19	ate sample	ID
Rinsate bla	ank collected	d?				1.3	YN		Rinsat	e blank ID	



21111													
	Job Info	rmation											
Date: 29 11 13		Time: arrive 3: 20 depart 504											
Project Name: \SMMPHON	34	Project Number: 224108											
Site Location: LIDDELL _ LI	P.	Sampler: TH											
Well ID: 2P_Mulo2		Weather: NET - INCLEASING WINES											
TO SELECT OF THE SELECT	Equip												
Water quality equipment description:	7/2	Interface probe number Coolech IP . #4261 30m											
	I NOI 222	PiDreak = 0.3.											
Purging equipment: Bailer type: (please cirlce)													
Pump type:	: Peristaltie Submersi	ble Micro-purge Amazon Other:											
	Well Gauging and Purg	e Volume Calculations											
Casing Diameter 25mr	100mm 125mm 1	50mm 200mm 250mm 300mm Volume of water in well / V											
Conversion Factor (volume in factor L/m) 0.49		17.7 31.4 49.1 70.7 V = volume in litres P = 3.14159											
otal Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cm													
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume													
4.566 · m(x) 1.96 · (=) 8.99 · L													
Depth to product: m Product Thickness: m Verified with Bailer: N													
Water Quality Parameters													
Beginning purge time: 15:41:30	Ending purge time:	Pump Intake Depth (mbtoc):											
Litres Time PH Te		edox Drawdown Comments nV <10cm											
1.0 13:46.00 4.00 2		5.8 3.920 dean, no odan.											
		1.8 4.230 dear, no odan											
3.0 15:55:00 4.12 2	2 2 1 2 2 2 1 1 2 2 3	5.1. 4.430 dea us adam.											
1.4	2.8. 19869. 349 210												
4.5- 16:04:52 4.17 23		2.4 4565. dea noda											
COLUMN TO THE CO	20 0 -1150 - 50	33.6. 4.700 clear roadour.											
5.5. 6-11-25 4.41 2	25 19928 2.69 22	4.4 4.790 clear so odan											
6.0 16:13:25 4.43 I	2.7 20280 2.54 22	1.2 4.845 cleo, us adam.											
6.5 16:16:10 4.46 2	2.7 20450 2.35.23	5.3 4.910 der, vo odan											
7.0. 16:18:40 4.41 2	2.7 20540 2.21 235	5.9. 4930 der, vo adour.											
*pH, temp, cond read	dings not necessary if well is purged dry	Example Comments: clear / slightly cloudy / turbid / very turbid / no odour / slight odour / odour / strong odour / drawdown depth											
Total Well Volume Actual amount of wate	e at	Sample time COM Containers used											
Flow rate mL/minute	Did field parameters	s stabilise? Y N NA Was the well dry purged? Y											
	Field QC	Checks											
Was pre-cleaned sampling equipment		(Y) N											
Was pre-cleaning sampling equipment	950												
Was documentation of equipment cond		N NA											
Were air bubbles present in vials at tim		7 EN MA											
Was sample for metals field filtered prior to preservations?													
Duplicate sample collected?	unance and Michael Control Con	Y (N) Duplicate sample ID											
Rinsate blank collected?		Rinsate blank ID LINSTE-281113-TH											



	1				Job	Informati	on						
Date: 7	8/11	113				Time	:	arrive	2:15a	~	depart		
Project Na	ame: 💆	10H 9mi	19.			Proje	ct N	umbei	1: 022 U	1198			
Site Locat	tion: L	100ELL	-LP.			Samp	oler:	TH					
Well ID:	12-	Milo	5,			Weat	her:	Ho	T - 10	VLER	アフタ	Orim	
					E	quipment						4	
Water qua	ality equi	pment descri	otion: 4S1	11/2012	62.	In	terfa	ce pro	bbe number:		tech 11		61 30m
Purging e			r type:	Plastic Peristaltic	Teflo Subr	n mersible	М	icro-p	ourge /	P\Q Amazon	Othe		
	72-71		0	Well Gau	ging and I	Purge Vol	ume	Calc	culations				The state of
Casing Di	ameter		25mm 50	mm 100r	nm 125mr	n 150mm	20	00mm	250mm	300mm	Volume of		vell / V
Conversio			0.49 1	.96 7.8	5 12.3	17.7	3	1.4	49.1	70.7	= Prxrx I V = volume	in litres	1
otal Well	Depth	(-) Wat _ m (-)	er level 2.214 Water Co		ter Column	_ m	- (-)	1.24	4 \\\/-11	V-L	r = 3.1415 r = radius ii h = height	n cm	lumn in cm
			3.1	49	m (x)	96.	(=)	7	es per 1 Well	Volume	-		
Depth to p	roduct: .		m	Product Thic	ckness:	m		Ve	erified with Ba	ailer: ど	N		
					Water Qu	ality Para	met	ers	-				
Beginning	purge tii	me: 14:22	24	Ending pur	111111111111111111111111111111111111111	unty i uru		010	Pump I	ntake Dep	th (mbtoc):		1040
Litres	Time	1	Temp ∘C	Cond	DO	Redox		awdow	n Ce	omments	(
100 -	ilen	9169	7 22.5.	14 S/cm	0.13	47.2		10cm	- 14	lan	4 1 2 1		1
V. 102	14:28	166.09	22.6-			35.8		.22		11	11	1100	11
		406.98		2926	0.08		1	225		1.214	wave to	1 1 1	
4.0		306.99	22.5.	2985	0.06	3.3.	-	220		nostr	your Ti	11	11
4.5	14:41:	41 1, 90	22.8	3042	0.08	-1.9.		220			,(10	4
	11 11	11 6. V	260	3010	42	,	-						
		*pH, temp, co	nd readings not	necessary if w	vell is purged o	dry Exam	ple (Comm	nents: clear / slight o	slightly clo odour / odo	udy / turbid / v ur / strong od	ery turbid / our / drawd	no odour / own depth
4.5.		Total Well V Actual amount	olume of water prior to	sampling		Sample	e tim	e 2	:45p	Conta	iners used .	7	
		Flow rate mL/minute	10.00	Di	d field paran	neters stabil	ise?	(Y)	NA NA		well dry purg	ged?	N)
Mac pro -	loaned -	ompling og ::	amont used for	r those ser	2/19/25/20	QC Chec	-	NI T					
			oment used for pment properl			ination?	Y	N	\		4		
	1989	THE O	nt conducted?				, Y	2002	NA				
			s at time of col			-	Y		NA NA				
1			red prior to pre				Υ		NA				
Duplicate s			on an are weard Address (PROTE # 1982)				Υ	N		ate sample	ID		
Rinsate bla	ank colle	cted?					Y	N		e blank ID			



Date: 28 1 3. Time: arrive 17:5cm depart
Project Name: 91 MPHOM . Site Location: L10DELL_L2 . Well ID: LP_MWO4 . Equipment Water quality equipment description: 41 H101262 . Purging equipment: Bailer type: Plastic . Plastic . Teflon . Project Number: 6224198 Sampler: TH Weather: HOT Interface probe number: Geolegy IP # 4261 30 Purging equipment: Bailer type: Plastic . Plastic . Teflon . Plastic .
Project Name: 91 MPHOM . Site Location: L10DELL_L2 . Well ID: LP_MWO4 . Equipment Water quality equipment description: 41 H101262 . Purging equipment: Bailer type: Plastic . Plastic . Teflon . Project Number: 6224198 Sampler: TH Weather: HOT Interface probe number: Geolegy IP # 4261 30 Purging equipment: Bailer type: Plastic . Plastic . Teflon . Plastic .
Site Location: LIODELL LR Well ID: LP_MWOH Equipment Water quality equipment description: YH - INIO 1262 Purging equipment: Bailer type: Plastic Teflon (please circle) Sampler: TH Weather: HoT Interface probe number: Geolech IP # 4261 30
Well ID: LP_MWO4 Equipment Water quality equipment description: Y4 -1V101262 Purging equipment: Bailer type: Plastic Teflon Plastic Teflon Plastic Teflon
Equipment Water quality equipment description: YH -11/10/12/62 Purging equipment: Bailer type: Plastic Teflon PIQUE = 0 o Z
Water quality equipment description: 44 -11/201262 Interface probe number: Geolech IP # 4261 30 Purging equipment: Bailer type: Plastic Teflon (please circle)
Purging equipment: Bailer type: Plastic Teflon Plant = 0.Z
(please cirice)
Pump type: Peristaltic Submersible Micro-purge Amazon Other:
Well Gauging and Purge Volume Calculations
Casing Diameter 25mm 50mm 100mm 125mm 150mm 200mm 250mm 300mm Volume of water in well / V
Conversion Factor 0.49 1.96 7.85 12.3 17.7 31.4 49.1 70.7 V = volume in litres
(Volume in factor Dm) P = 3 14159
6.149 · m (-) 2.120 m (=) 3.029 m h = height of water column in
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 3.029 m (x) 1.96 (=) 5-94 - L
Y (N)
Depth to product: m Product Thickness: m Verified with Bailer: The state of the product Thickness is a second of the product Thickness is a sec
Water Quality Parameters
Beginning purge time: 13:26:14 Ending purge time: Pump Intake Depth (mbtoc):
Litres Time PH Temp °C ,Cond DO Redox Drawdown Comments
by S/cm mg/t-pp mV <10cm Mypor gray turbs
1.0. 13:47 0 6.98 245 2829 0:24 -80.8 2.120 Olar, Last
2.0. 13:3130 6.92. 24.5 2720 0.07 -77.4 2.125. Odan, mar grey-turbed
30 13:37:00 6. 90 24.6 2677 0.02 -74.6 2.125 Oden magentus
4.0 134206.89 24.4 2625 0.03 - 71.6 2.125 Odan, mor grey tul
4.5.
*pH, temp, cond readings not necessary if well is purged dry Example Comments: clear / slightly cloudy / turbid / very turbid / no odo slight odour / odour / strong odour / drawdown de
U. D. Total Well Volume Sample time 2PM Containers used
Sample time Containers used
Flow rate
Actual amount of water prior to sampling
Flow rate
Flow rate mL/minute Did field parameters stabilise? Was the well dry purged?
Flow rate mL/minute Did field parameters stabilise? Was the well dry purged?
Flow rate mL/minute Did field parameters stabilise? Was the well dry purged? Was pre-cleaned sampling equipment used for these samples? Name was pre-cleaning sampling equipment properly protected from contamination?
Flow rate mL/minute Did field parameters stabilise? Was the well dry purged? Was the well dry purged? Was pre-cleaned sampling equipment used for these samples? Was pre-cleaning sampling equipment properly protected from contamination? Was documentation of equipment conducted?
Flow rate mL/minute Did field parameters stabilise? Field QC Checks Was pre-cleaned sampling equipment used for these samples? Was pre-cleaning sampling equipment properly protected from contamination? Was documentation of equipment conducted? Were air bubbles present in vials at time of collection?
Flow rate mL/minute Did field parameters stabilise? Was the well dry purged? Was the well dry purged? Was pre-cleaned sampling equipment used for these samples? Was pre-cleaning sampling equipment properly protected from contamination? N Was documentation of equipment conducted?



					Job	Informati	on		
Date: 25	8/11/13	٠.				Time:	arrive	8.15am.	depart
Project Na						Proje	ct Number:		
Site Locat	tion:					Samp	oler: TM		
Well ID: (LP_M	105.				Weat	her:		
7.11		William V			Е	quipment			
Water qua	ality equipm	ent description	on: (K) -	11/2/10/2	4	In	terface probe	number: Ceckel	IP #4261 30m
Purging e		Bailer t	ype:	Plastic	Teflo	on	PID	peak = 0 = 1	
(please cir	rlce)	Pump t	уре:	Peristaltic	Subr	mersible	Micro-pur	ge Amazon	Other:
a de				Well Gau	ging and I	Purge Volu	ıme Calcul	ations	
Casing Dia	ameter	2	5mm 50	mm 100m	nm 125mr	m 150mm	200mm	250mm 300mm	Volume of water in well / V
Conversio		5	0.49 (1.	.96 7.8	5 12.3	17.7	31.4	49.1 70.7	= Pr x r x h V = volume in litres
otal Well		(-) Water n (-)	level	(=) Wat	er Column			Asimos serios	P = 3.14159 r = radius in cm
850	<u>ر</u> ر	n (-)	Water Co	lumn	(x) Conve	ersion Factor	r (=) Litres	per 1 Well Volume	h = height of water column in cm
			6.0	15.	m (x)(.c	16	(=)	11.79 L	
Depth to p	roduct:	<u> </u>	1	Product Thic	ckness:	m	Verif	ied with Bailer:	10
					Water Qu	ality Para	meters		
Beginning	purge time	8:33:	20	Ending purg	ge time: 🎖	:56:15	>	Pump Intake Dept	h (mbtoc):
Litres	Time	PH 6-86	Temp ∘C	Cond a S/cm	DO mg/Lpp	Redox mV	Drawdown <10cm	Comments	
1.0	8:37:52		20.5	7995	1.78	- ~	2.755	dear, no	odou.
20.	8:43:02		20.7	8379	1.19.	73.9		1	edar.
3.0	8,45,00	HAVE THE RESERVE TO SERVE THE RESERVE TO SERVE THE RESERVE THE RES	20.9	8734	0.70	70.5	2.925	lea no	odon
4.0-	8:53:00	6.76	21.0 -	8771	0,38	43.1.	2.965	deer, no	colon.
4.5	8:56:15	6:73	20.9	8695	0.24	40.3	2.985	dear, no	doin.
7									
7-							t _e		
-	*0	H, temp, cond	readings not	necessarv if w	vell is puraed o	dry Exam	ple Commer		udy / turbid / very turbid / no odour /
16.6		tal Well Volu	10 Control Control 10 To Control Contr					10.0	ur / strong odour / drawdown depth
Mov.		tual amount of	water prior to	sampling		Sample	e time	Conta	iners used
		/minute		Die	d field paran	neters stabil	ise?	Was the	well dry purged?
	v de la constant				Field	QC Chec	ks		
Was pre-cl	leaned sam	pling equipm	ent used for	these samp	oles?	(YAY		
Was pre-cl	leaning sam	pling equipn	nent properly	y protected f	rom contam	ination?	Y AND		
Was docur	mentation o	f equipment	conducted?			Ĉ	Y NA NA	}	
Were air b	ubbles pres	ent in vials a	t time of col	lection?			Y N NA		
Was samp	le for metal	s field filtered	d prior to pre	servations?		e	Y N NA	-	ſ
Duplicate s	sample colle	ected?				-	N C	Duplicate sample	ID NA
Rinsate bla	ank collecte	d?					X (N)	Rinsate blank ID	AL



							Job I	nformatio	on					
	Date:	1213						Time:	arrive	1544	7	depart 652		
		ame: Syl	Shows					Projec	t Number:			1002		
	Site Locat		11011						er: Seo		7010			
	Well ID:	2	WOG					1200 31743	Neather: Overcast					
	Well ID.	CP-M	WUB					Weati	er. Ove	1000				
							Ec	uipment			基型 等			
	Water qua	lity equipme	ent descrip	tion: 901	TLM	VL	5442	Inte	erface prob	e number:	Geofect	Intertake Meder		
	Purging ed	quipment:	Bailer	type:	Plastic		Teflor					3978		
	(please cir	ice)	Pump	type:	Perista	ltic	Subm	ersible	Micro-pu	rae	Amazon	Other:		
				71			115-1000/B /-							
					Well	Gaugir	g and P	urge Volu	me Calcu	lations				
	Casing Dia	ameter		25mm 5	0mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
100	Conversion (volume in fac			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159		
	Total Well	Depth	(-) Wate	er level	(=)	Water (Column					r = radius in cm		
	A.63	500 n	n (-)	273 Water C	_ m (=)		() Convor	_ m sion Factor	(=) Litros	nor 1 Mal	I Volumo	h = height of water column in cm		
				vvaler C	olumn	m (:	() Conver	SION Factor	(=)	per i vvei	L			
	Donth to n	roduct:	_	m				m		fied with E		N		
	Deptii to p	roduct			7 10000	e i i i i i i i i i i i i i i i i i i i			,,,,,	noo mar E	, diloi:			
						W	ater Qua	ality Parar	meters					
	Beginning	purge time:	135	J	Ending	g purge t	ime: 16	3/		Pump	Intake Dep	th (mbtoc): ~ 3,5		
	Litres	Time	PH	Temp ∘C	Co mS/		DO mg/L	Redox mV	Drawdown <10cm	C	comments	Low Mcharas		
	1.6	1556	7.07	73.2	19.5	31 4	02	(11	1.61	(100/0	or cheen	no adour Pumping rake		
ı	1.5	1601	710	23.3	19		2.90	110	1.70		about			
	70	1606	7.11	23.5	19.		3.39	150	1.72		9600			
	23	1611	412	22.6			3.64	264	0.74	1	above	(-		
	3.0	1616	7-12	22,4			3.68	335	176	4	doon	ter.		
	3.5	1621	7.13	22.2	1	~ ~	56	411	1.79	-	a bone	<u> </u>		
	1 .		714	223		-	F	407	1.82					
	4.0	1626	7.17		-		-	11-	1.85	1	above			
	1.0	1631	7.15	22.4	- 17.	65 3	3.46	TIS	1,00	100	Hove	/ 4 .		
					+					San	pheal			
								-1-				mins for Mchange		
		*p	H, temp, cor	nd readings no	t necessa	ary if well i	s purged d	Exam	ple Comme	nts: clear	odour / odo	udy / turbid / very turbid / no odour / bur / strong odour / drawdown depth		
- 1	4.5		tal Well Vo	olume of water prior t	to samplir	ng		Sample	time	641	_ Conta	iners used 3 150/c		
20	-100	Flo	ow rate				old norom	eters stabili	002 (V)	N NA	Man the	well dry purged? Y		
20	23100) ml	_/minute			Dia ili	siu param	eters stabili	se: U	110/3	vvas trie	well dry purged:		
			*				Field	QC Check	(S					
	Was pre-cl	eaned sam	pling equip	ment used fo	or these	samples	?	P	N					
- 1	Was pre-cl	eaning sam	npling equip	ment proper	rly prote	cted fron	contami	nation?	N	_ '	A / b /	1 1		
				t conducted				-	N NA	DUG!	1 water	level; 2.055		
				at time of co		,		1	Y N NA	-				
								1	Y N NA	-				
				ed prior to pr	eservati	OHS!				_		. ID		
	- 10 	sample colle							Y	5)	ate sample			
- 1	Rinsate bla	ank collecte	d?					[]	Y N	Rinsat	te blank ID			



	(allysions)		Total Mile	,		Joh II	nformatio	n	1475	
	Date: (0	destes	SOUTH TO THE			300 11	CONTROL LA PROVINCIA	arrive	I HAT	depart 1518
	Project Nan	the transfer	1.					t Number:	0224198	11/10
	Site Locatio	1	hony				Samp		n Penza)
	Well ID:	La Mu	loi				Weath	-	re, windy	
	land white	_4_1/0	,01	The sound of					9,001,019	· 文· · · · · · · · · · · · · · · · · ·
	Water qualit	y equipment d	escription: 9	OPLI	nu u	5443	uipment Inte	erface probe	e number: 🛵 🛵	of Interface Meter
	Purging equ		Bailer type:	Pla	astic	Teflon			3	On 3978
	(please cirlo		Pump type:	Pe	ristaltic	Subme	ersible	Micro-pu	rge Amazon	Other:
				V	Vell Gaug	ing and Pı	urge Volu	me Calcu	lations	
	Casing Dian	neter	25mm	50mr	m 100mn	125mm	150mm	200mm	250mm 300mm	Volume of water in well / V
	Conversion (volume in facto		0.49	1.96	7.85	12.3	17.7	31.4	49.1 70.7	V = volume in litres P = 3.14159
	Total Well D		Water level	7	(=) Water					r = radius in cm
	5.14	<u>(</u> m (-)	1.92 W	ater Colu	n (=) mn	(x) Convers	m sion Factor	(=) Litres	per 1 Well Volume	h = height of water column in cm
			8			(x)			L	
	Depth to pro	oduct:	<u> </u>	Pr	oduct Thick	ness:	m	Verif	fied with Bailer:	N
					١	Vater Qua	lity Parar	neters		
	Beginning purge time: 143(E	nding purge	time: I	506		Pump Intake Dep	oth (mbtoc): -4.15
Time	Litres	Time	PH Te	mp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	Comments	Slight tish
441	1.0	134/17	43 2	5.4 -	3.99 1	.14	-151	193	Slightly tubic	yellow, no steen be ado
1416	2.0	16 7	49 2	4.9 3	3.93	0.67	164	1.93	AS 9600	2 '
(15)	3.0	166 7	49 2	46	3.87	0-52	-169	1.93	he above	
1456	4.0	P5567			3.37	0.42.	172	1.92	As 9601	re, slightly doubly
1501	5.0	1801 7	-54 2	1.3		0.45	-168	193	As appu	e' 0 0
504	6.0	1896 7	52 2	43	3.22	0.4-6	-163	1.93	AS 96	dup
			v .v.1						SOMPE	Jat 1507
										V- 40 900074 /0 1019000 01 0
		*pH, ter	mp, cond read	ings not ne	cessary if wel	l is purged dr	Exam	ple Comme	nts: clear / slightly clo slight odour / odo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth
	6.0		Vell Volume				Sample	time (01/607 Conta	ainers used 3 styles
1	O	Flow ra	mount of wate ate	r prior to sa			1.5%	20		1 other trace mes
l	200	/ mL/min	ute		Did	field parame	eters stabili	se? 🕚 I	N NA Was the	well dry purged? Y
		业 协调	ZEV.			Field (QC Check	s		
	Was pre-clea	aned sampling	equipment (used for th	nese sample	es?		N		
	Was pre-clea	aning sampling	g equipment	properly p	protected fro	m contamin		N	- (1 (() (
	Was docume	entation of equ	ipment cond	ucted?				N NA	final Wafe	Level: 1.929
	Were air but	bles present i	n vials at tim	e of collec	ction?		4_	Y (N) NA		12
	Was sample	for metals field	d filtered pric	r to prese	ervations?			N NA		
	Duplicate sa	mple collected	1?					Y (N)	Duplicate sample	e ID
	Rinsate blan	k collected?						Y N	Rinsate blank ID	§



	9									
					Job	Information	on			
Date: 10	3 12 13	3				Time:	arrive	1220		depart 1315
Project N	lame: Su	mphone	J.			Proje	ct Number:	0224	198	
Site Loca	Will be a second of the second	del -					oler: Sea			
Well ID:	LQ-	mwo 3	3			Weat			9	
					Е	quipment	78.2% (La			
Water qua	ality equipme	ent description	on90 EC	101/ 11	5442		terface prob	e number:	Rontord	167 Malas
1000 (5)	equipment:	Bailer t		Plastic	Teflo	n			30	Infertage Meter
(please ci		Pump t	*	Peristaltic		nersible	Micro-pu		Amazon	Other:
		rumpt	уре. (-		Amazon	Other.
				- MARKEY MOD 24 7 (16)	ging and I	THE PARTY OF THE P	Control of the second	COLUMN TO SERVICE SERV		
Casing Di	POINT PORTON	2	25mm 50	mm 100m	nm 125mr	n 150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in fa			0.49 1	.96 7.85	5 12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159
Total Well	Depth	(-) Water	leyel	(=) Wate		m				r = radius in cm h = height of water column in cm
	"	(-) [-5]	Water Co	_ m (=) olumn	(x) Conve	_ ''' ersion Facto	r (=) Litres	per 1 Wel	l Volume	II - Height of water column in chi
			¥ <u></u>	r					L	T
Depth to	product:	n	n	Product Thic	kness:	m	Veri	fied with E	Bailer: Y	N
		III SAN			Water Qu	ality Para	meters			
Beginning	g purge time:	1721	0.000.000	Ending purg		301		Pump	Intake Dep	oth (mbtoc) ~ 3 8
Litres	Time	PH	Temp ∘C	Cond	DO	Redox	Drawdown		omments	7.0
	,	1130.5		mS/cm	mg/L	mV	<10cm			
1.0	1236	7.30	26.2	4.52	1.32	-196	1.35	Cloar	105/2	en, slight fish like odorn
20	1241	7.28	25.1	4.39	0.74	-209	1.35	As	9600	> / /
7.0	1246	7.26	25.3	4.12	0.53		1.35	As	960m	<u> </u>
40	1251	7.24	25.4	4.03	052	-204	1.35	As	960V	e
5.0	(30)	7.24	25.6	3.98	0.48	-206	1.35	As	9600	ve
	•							Sol	inplea	1 at 1302
		- 1								
	-									
	*pl	H, temp, cond	readings not	necessary if w	ell is purged o	dry Exam	ple Comme			oudy / turbid / very turbid / no odour /
5.0	Tot	al Well Volu	ume					302	01-	2 ambers
Value of the same	Flo	ual amount of w rate	water prior to	sampling		Sample			_ Conta	ainers used 3 yours
20	The second second	/minute		Die	d field paran	neters stabil	ise?	N NA	Was the	e well dry purged?
					Field	QC Chec	ks			ardine Francisco de po
Was pre-c	cleaned samp	oling equipm	nent used fo	r these samp	les?		Q N			
	leaning sam					ination?	Ø N	·	1 . 1 .	
	mentation of		0 8 8	5 <u>50</u>		1.0	N NA	TIMA	1 Wate	es level: 1.358
	oubbles prese						Y W NA	-		
	ole for metals					-	N NA			1100
	sample colle		Brown and Billy	and the second s		-	Y (N)		ate sample	e ID
- 56 	ank collected					7	V) NI	3555	e blank ID	001 00



			Job In	formatio	n					
Date: [2 /2 /3				Time:	arrive	0947		depart 0152		
Project Name: Sw	nphony			Project Number: 0224/98						
Site Location: Lind	dell			Sampl	Sampler: Sean Penza					
Well ID: LQ_N	nw05			Weather: Fine						
			Equ	ipment			egitita			
Water quality equipme	nt description: Qn	DIMIT V	15443	Inte	erface prob	e number:	Cuento	ch Interface maker		
Purging equipment: (please cirlce)	Bailer type:	Plastic Peristaltic	Teflon Submer		Micro-pu		30/2 Amazon	3778 Other:		
		Well Gaugir	ng and Pu	rge Volu	me Calcu	lations				
Casing Diameter	25mm	50mm 100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversion Factor	0.49	1.96 7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
Total Well Donth		(=) Water (m (=) Column (x	r) Conversi	on Factor				P = 3.14159 r = radius in cm h = height of water column in c		
Depth to product:		Product Thickne						N		
		W	ater Quali	ty Parar	meters					
Beginning purge time:	0956	Ending purge t	ime: 🗘 🔾	4		Pump	Intake Dep	oth (mbtoc): ~96		
Litres Time	PH Temp °	mS/cm	DO mg/L	Redox mV	Drawdown <10cm	C	omments	10,4		
6.5 1004	7.47 26.	2 13.62	2,60	151	8.98	Slight	ly clox	dy no sheen no solo		
1.0 100	7.47 25.4	13.87	1.88	146	9,05	AS.	above	<i>3,</i> ,		
1.5 4046	7 15 25.9	3 13.76	1.83	148	9.12		6ove	2		
2.0 1019	7.45 260	13.67	1.77 1	4-8	9.18		960V	2		
2.5 1024	7.45 26.1	13,02	1.68 1	44	9.26	As	9600	р		
						Sand	sted a	+ 1034		
						19/100	100	nins for recharge		
								<i>V</i> C		
*pH	, temp, cond readings r	not necessary if well i	is purged dry	Exam	ple Comme			oudy / turbid / very turbid / no odou our / strong odour / drawdown dept		
Actu	al Well Volume al amount of water prior w rate minute	4 4	eld paramet	Sample ers stabili		34- N NA		ainers used 3 half		
The second	Molenson Med			C Check						
Was pre-cleaned samp	50 1010	76	?	(N N					
Was documentation of Were air bubbles prese				(N N N	Final	Water	level: 9.483		
Was sample for metals Duplicate sample collect		preservations?			N NA	_	ate sample	e ID		
Rinsate blank collected	?			Τ,	YN	Rinsat	e blank ID			



Site Location: Light Sam Well ID: Lo Mwob Equipment Water quality equipment description: 95 L/V V5443 In Purging equipment: Bailer type: Plastic Sametion (please circle)	ect Number: OZZ 4198 ppler: Sean Penza ther: The t nterface probe number: Geofech Interface Meter 30m 3978 Micro-purge Amazon Other:									
Site Location: Location: Sam Well ID: Location: Wea Equipment Water quality equipment description: 95 Location Purging equipment: Bailer type: Plastic Sametion (please circle)	htter: Sean Renza ther: She t nterface probe number: Geo tech Interface Meter 30m 3978 Micro-purge Amazon Other:									
Well ID: LQ_Mw06 Equipment Water quality equipment description: 95 LMV v5443 In Purging equipment: Bailer type: Plastic Same from (please cirice)	tenterface probe number: Glotech Interface Meter 30m 3978 Micro-purge Amazon Other:									
Water quality equipment description: 95 L/V 05443 In Purging equipment: Bailer type: Plastic Plastic	nterface probe number: Glotech Interface Meter 30m 3978 Micro-purge Amazon Other:									
Water quality equipment description: 90 L/V v5443 In Purging equipment: Bailer type: Plastic Plastic	Micro-purge Amazon Other:									
Pump type: Peristaltic Submersible	lume Calculations									
Well Gauging and Purge Vol										
Casing Diameter 25mm 50mm 100mm 125mm 150mm	n 200mm 250mm 300mm Volume of water in well / V									
Conversion Factor 0.49 1.96 7.85 12.3 17.7	31.4 49.1 70.7 V = volume in litres									
Verified with Bailer: Veri										
Water Quality Para	ameters									
Beginning purge time: (337 Ending purge time: 1339										
Litres Time PH Temp °C Cond DO Redox	Drawdown Comments									
mS/cm mg/L mV	<10cm									
0.5 1337 7.41 33.0 8.00 2.04 49 1.0 1342 No water being pumped	7:32 slightly dasdy, no sheer, no adar									
Bailer sample collected at	1300									
*pH, temp, cond readings not necessary if well is purged dry	mple Comments: clear / slightly cloudy / turbid / very turbid / no odour / slight odour / odour / strong odour / drawdown depth									
Total Well Volume Actual amount of water prior to sampling Flow rate mL/minute Total Well Volume Actual amount of water prior to sampling Samp Did field parameters stab	Containers used 3 bods willise? Y N NA Was the well dry purged? Y N									
Field QC Chec	cks									
Was pre-cleaned sampling equipment used for these samples? Was pre-cleaning sampling equipment properly protected from contamination? Was documentation of equipment conducted? Were air bubbles present in vials at time of collection? Was sample for metals field filtered prior to preservations?	(P) N									
Duplicate sample collected?	Y (N) Duplicate sample ID									
Rinsate blank collected?	Y N Rinsate blank ID									



Rinsate blank collected?

Groundwater - Well Sampling Data Form

				1000		Job	Information	on					
Date: 10	0/12/13						Time:	arrive	0955		depart 1051		
	U U	mphons					Proje	Project Number: 072 4198					
Site Locat		dal)					Sampler: Segn Panza					
Well ID:	LQ_1	hw07					Weat	ner: 6	re winc	du			
Equipment													
Water quality equipment description: qcFLMV U5+43 Interface probe number: Grofel Interface meter 30													
Purging equipment: Bailer type: Plastic Teflon 39.78													
(please cirlce) Pump type: Peristaltic Submersible Micro-purge Amazon Other:													
Well Gauging and Purge Volume Calculations													
Casing Di			25mm	50mm	100mi	m 125mn	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversio (volume in fac			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159		
Total Well	Depth	(-) Wate m (-)	r level			r Column	m				r = radius in cm h = height of water column in cm		
1.0	44	III (-) <u>(-)</u>		er Column	Ē	(x) Conve	rsion Factor				n - neight of water column in cin		
	m (x) (=) L												
Depth to p	Depth to product: m												
Water Quality Parameters													
Beginning	purge time	: 1005		Endi	ng purge	e time: (030		Pump Intake Depth (mbtoc): ~ %. %				
Litres	Time	ne PH Temp °C Cond DO mS/cm mg/L					Redox mV	Drawdown <10cm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1-0	1010	6.78	25	3 12	5.19	1.29	-191	1.60	Slow n	Slow recharge pumping rock stowe			
1.5	1015	6.76	25	3 13		0.94	-193	1.80	175	As above			
2.0	1020	6.75	25	5.3 1	343	0.61	-200	2.06	As	As above			
2.5	1025	6.75			3,49	0.50	-202			960	ve		
3.0	1020	6-75	25	54 13	3.51	0.48	-205	2,49	4				
									Squ	p hed	94 1040		
									(Allo	W 10m	ins for recharge)		
			-								•		
	1/2	-11.6					Exam	ple Comme	nts: clear	slightly clo	udy / turbid / very turbid / no odour /		
		pH, temp, con		s not neces	sary II we	eli is purgea d	ary	- Win -		odour / odo	our / strong odour / drawdown depth		
3.0	L To	otal Well Vo		rior to samp	oling		Sample	e time	40	_ Conta	ainers used 3 wals		
2007 10	OO F	low rate L/minute	1.2		Did	field paran	neters stabil	ise? 🔯	N NA	Was the	well dry purged?		
						Field	QC Chec	ks					
Was pre-c	leaned sar	npling equip	ment use	ed for thes	e sampl	es?		N					
Was pre-c	leaning sai	mpling equip	ment pro	operly pro	tected fr	om contam	ination?	Ø N	_ Fina	1 water	-level: 7. 796		
Was docu	mentation of	of equipmen	t conduc	ted?				Ø N NA			1.0		
Were air b	ubbles pre	sent in vials	at time of	of collection	n?			Y N	A		,		
Was samp	le for meta	ls field filtere	ed prior t	o preserva	ations?		(N N	A				
Duplicate s	sample col	lected?		Duplic	ate sample	e ID							

Rinsate blank ID



Job Information														
Date:	18-17	1-201	3		Time:	me: arrive 6 700 depart 0 750								
Project Na	Symph	ony			Projec	Project Number: 0224/98								
Site Location: Liddell Sar									Sampler: Sam Campbell Weather: Overcast					
Well ID: LR_MWOI We									e	verca	151-			
1 1 1 1 1 m						Equ	uipment		di l					
Water quality equipment description: $751 - MWQ - 842$ Interface probe number: $50/inst$ 53/g/														
Purging equipment: (please cirlce) Bailer type: Plastic Teflon Pump type: Peristaltic Submersible Micro-purge Amazon Other:														
Well Gauging and Purge Volume Calculations														
Casing Di	ameter		25mm	50mm	100mm	125mm	150mm	mm 200mm 250			300mm	Volume of water in well / V		
Conversion (volume in fa-			0.49	1.96	7.85	12.3	17.7	31.4		49.1	70.7	V = volume in litres		
	Total Well Depth Yater Column Water Column Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume													
Depth to p	oroduct:		_m	Produ	ict Thickne	ess:	m	,	Verifie	ed with B	ailer: Y	(N)		
Water Quality Parameters														
Reginning	nurge ti	me: 0 7	n	Endir	The second	ime: 🚫		neters	T	Pump I	ntake Den	th (mbtoc):		
Litres	Time		Temp	- 1	ond	DO	Redox							
					0.00	mg/L	mV	<10c	cm					
								/		- 114		water in well		
								therefore failing to Dru						
								sufficial amounts to san						
									-14			× 14. 19.		
												138.11		
									-					
2			-	_					-					
			-						-					
							-		-					
		*pH, temp, c	ond readings	s not neces:	sary if well i	s purged dry	Exam	ple Con	nmen	ts: clear /	slightly clo	udy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
	- 1	Total Well \		ior to sampl	ling		Sample	time _		Slight	11790 5 70	ainers used		
	_	Flow rate mL/minute	roi water pri	ior to dampi		eld parame	ters stabili	se? Y	N	NA NA	- Was the	well dry purged?		
			24 6 6 6 6	A DINE		Field C	C Check	(S						
Was pre-c	leaned s	ampling equ	ipment use	d for these	e samples	The state of the s		YN	ALE I					
8		sampling equ	5//		70		ation?	Y N						
F1	2. 27	n of equipme						YN	NA			20		
19633		resent in via			1?			YN	NA					
Was samp	ole for me	etals field filte	ered prior to	preserva	itions?			Y N	NA			5 -		
Duplicate:			- 0	69				Y N	М	Duplica	ate sample	e ID		
Rinsate bla	20.00						-	V N		AV2537 AV	e blank ID			



	1	S. E. Kill				JOD II	normatio		200				
Date: 19	1						Time: arrive Pan depart (0: 30an						
	ame: Sym		7				Projec	Project Number: 18 0224198					
	ion: 400						Sampl	Sampler: TH					
Well ID: L	R-MWO	λ					Weath	er: Hot	- d c	LEAR	D		
	属拟属					Equ	uipment	Warie &					
Water qua	lity equipm	ent descri	ption:				Inte	erface prob	e number:	Ces	beh 1 30m 4261		
Purging ed (please cir			r type: p type:	Plast Peris		Teflon Subme		stanless shoel					
				Wel	II Gaugin	g and Pu	ırge Volu	me Calcu	lations				
Casing Dia	ameter		25mm	50mm	100mm	125mm	150mm						
Conversio			0.49	1.96	7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
Total Well	Depth	(-) War m (-) <u>L</u>		m (= er Column) Convers	sion Factor	(=) Litres			P = 3.14159 r = radius in cm h = height of water column in cm		
m (x) (=)L Depth to product:m Product Thickness:m Verified with Bailer: Y N											N		
					Wa	ater Qua	lity Parar	neters					
Beginning	purge time	:		Endi	ng purge ti	me:		Pump Intake Depth (mbtoc):					
Litres	Time	PH	Temp		ond S/cm	DO mg/L	Redox mV	Drawdown <10cm	С	Comments			
					K								
				C	,w								
			-	50	مري								
			ES	1	6		D						
		we "	0 1	2 0	Je l	N.	10						
	10	30	0	0,		N. C							
			1	8	S	7							
*11					20	0							
				(,								
	**	H, temp, co	and readings	not neces	sary if well is	s purged dry	Exam	ple Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
		tal Well V	olume of water pri	ior to samp	ling		Sample	time		_ Conta	iners used		
	110	ow rate L/minute			Did fie	ld parame	eters stabili	se? Y	N NA	Was the	well dry purged? Y N		
	it of the					Field C	QC Check	(S		eiklinis			
Was pre-cl	eaned sam	pling equi	pment use	d for thes	e samples		K	MA					
Was pre-cl							ation?	Y) N			190)		
Was docur					LOUGH HOIH	Jonnamill	1	NAN	7				
Were air b					n?			Y N N					
Was samp								Y (D) A					
			reu prior to	preserva	200115 !			V AL		ata cample	VID.		
Duplicate s	ampie collecte				× (0)		ate sample e blank ID						



					Job	Information	on						
Date: (1/12/13					Time:	arrive	1325		depart 1425			
Project N	ame: Sur	nphony				Proje	ct Number:	022	4198	W N			
Site Loca	tion: 4d	dell				Samp			Pen 29				
Well ID:	LR_n	100	3			Weatl		re					
		11.11/2			E	quipment							
Water qua	ality equipme	ent descrip	otion: 90 FC	MV 05	443	Int	erface prob	e number	Geotech	mertage neter			
Purging e (please ci	quipment: irlce)			Plastic Peristaltic	Teflo Subr		30m 3978						
	lector of			Well Gau	ging and I	Purge Volu	ıme Calcu	ulations					
Casing Di	iameter		25mm 50	mm 100m	nm 125mr	m 150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversion (volume in fa			0.49 1	.96 7.8	5 12.3	17.7	31.4	49.1	70.7	V = volume in litres			
Total Well Depth (-) Water level (=) Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (x) Litres per 1 Well Volume													
Depth to p	oroduct:	_	m	Product Thic	kness:	m	Ver	ified with E	Bailer: Y	N			
					Water Qu	ality Para	meters						
Beginning	purge time:	1334	f-	Ending purg	ge time:	359		Pump	Intake Dep	th (mbtoc):~9.0			
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm		Comments				
1.0	1339	6.92	23.1	10.35	1.24	-150	4.54	Flight	Lurbid L	Sown no sheet and one /			
1.5	1344	6.94	23,5	10.45	0.72	-152	4.79		above				
2.0	1349	6.96	24.7	10.49	0.58	-161	5.04	1.4	poore				
2.5	1354		- 24.8	10.50	0.56	-164	5.26			re slightly cloudy			
3.0	1359	6.98	24.7	10.44	0.53	-169	546	As	a bou	6,000			
					-55%			Sam	pted a	1+1409			
								(All	ow 10	mins for recharge			
								1.00					
3	*pi	H, temp, coi	nd readings not	necessary if w	vell is purged o	dry Exam	ple Comme			udy / turbid / very turbid / no odour /			
3.0		tal Well Vo	olume of water prior to	sampling		Sample	e time	409		2 gmaen			
2003	Ele	w rate /minute			d field parar	meters stabil	ise?	N NA	Was the	well dry purged? Y N			
					Field	QC Chec	ks			NEW YORK OF THE PARTY.			
Was pre-c	leaned sam	pling equip	ment used fo	r these samp	oles?		Y) N						
Was pre-c	leaning sam	pling equi	pment properl	y protected f	rom contam	ination?	Ø N		100.1				
Was docu	mentation of	equipmer	nt conducted?			H-	NN	A Fin	al wa	for Level; 5.62			
Were air b	oubbles pres	ent in vials	at time of col	lection?		T	Y ON			-,62			
Was samp	ole for metals	s field filter	ed prior to pre	eservations?		(NN	4					
Duplicate	sample colle	cted?				F	Y (1)	 Duplio	cate sample	ID			
Rinsate hi	ank collecter	d2				<u> </u>	Y BY	Ringa	te blank ID				



Rinsate blank collected?

Groundwater - Well Sampling Data Form

Job Information												
Date:	11/12/13	3				Time:	Time: arrive 14-3-3 depart 15-30					
Project Na	ame: Sy	nphonu	ê			Projec	Project Number: 0224198					
Site Local	10	'elell				Samp	Sampler: Segn Penzon					
Well ID:	i.R_M	WO4				Weath	Weather: Fine					
Equipment												
Water quality equipment description: 90 CMV USAGS Interface probe number: Geofeth Interface mute												
Purging equipment: Bailer type: Plastic Teflon 3978 (please cirlce) Pump type: Peristaltic Submersible Micro-purge Amazon Other:												
Well Gauging and Purge Volume Calculations												
Casing Di	ameter		25mm 5	50mm 100	mm 125mm	150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversio			0.49	1.96 7.8	35 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
Total Well	Depth	(-) Water	222	7/2 / 200	ter Column					P = 3.14159 r = radius in cm		
[0.9	35	(·) <u>7</u>	- 452-3 Water 0		(x) Conve	_ m rsion Factor	(=) Litres	per 1 Well	l Volume	h = height of water column in cm		
					m (x)				L			
Depth to p	oroduct:		m	Product Thi	ckness:	m	Veri	fied with B	ailer: Y	N		
Water Quality Parameters												
Beginning	purge time:	1441		Ending pur	ge time: 15	06		Pump	Intake Dep	th (mbtoc): ~~ 10, 0		
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	Comments				
1.0	1446	7.28	24.	16.16	2.10	22	8.05	Slightly dardy no steen no odow				
							5	0 /	/	rate pumping rate slowed		
1.5	1451.	7.27	73.7	16,09	1.04	26	8.18	As above				
2.6	1456	7.27	24. C	16.11	0.80	28	8.27	des	erno	steen, no aslow		
2.5	1501	7.27	- 24.7	16.13	0.75	29	8.37	As	a bour	e		
3.0	1506	7.25	24.4	16-16	0.71	34	8.46	As	0,600			
										at 1516		
				-				(A)IR	yw lon	nins for recharge)		
						Fyam	ple Commo	nts: clear	slightly clo	udy / turbid / very turbid / no odour /		
	*pl	⊣, temp, con	d readings no	ot necessary if	well is purged d	ry Latin	•	slight		ur / strong odour / drawdown depth		
3.	Act	al Well Volual amount of well amount of well amount of the well amount	lume f water prior	to sampling		Sample	time 15	516	_ Conta	iners used 3 while wetals		
2003	(00 mL	/minute		D	id field param	eters stabili	ise?	N NA	Was the	well dry purged?		
					Field	QC Check	(S					
Was pre-c	leaned samp	oling equipr	ment used f	or these sam	ples?	(N					
Was pre-c	leaning sam	pling equip	ment prope	rly protected	from contami		N	_		, ,		
Was docur	mentation of	equipment	conducted	?			N NA	Fina	1 Wort	er Level: 8.5/2		
Were air b	ubbles prese	ent in vials	at time of c	ollection?			Y (N) NA					
Was samp	le for metals	field filtere	d prior to p	reservations?)		N (Y	A				
Duplicate s	sample colle	cted?	Duplic	ate sample	ID							

Rinsate blank ID