

HJCL-S/LEY	NO DE LA	11			Job I	nformatio	n	- 16a	Special Control			
Date:	Date: 12/11/13 Time: arrive 11:20 depart 12:10											
Project Nan			201 /			2000000	t Number:	022				
Site Locatio	n: 2	There	my			Samp	170.00	.F.	771	10		
	RO 15	Mwg	3			Weath		ne .				
Well ID.	00-1	ma q					on 17					
					OF HER PARTY	uipment						
Water qualit	ty equipme	nt description	on: 951	11K161	262	Inte	erface probe	number: /	USW	4253 30m		
Purging equ		Bailer t	ype: I	Plastic	Teflon	Ĕ =						
(please cirlo	ce)	Pump t	ype:	Peristaltic	Subm	ersible	Micro-pur	rge Ar	mazon	Other:		
	1000 200			Well Gaug	ing and P	urae Volu	me Calcul	ations				
Casing Diar	meter	1 2	25mm 50i	mm 100mr			I I		300mm	Volume of water in well / V		
Conversion	NH-05/17			96 7.85	12.3	17.7	31.4		70.7	= Prxrxh V = volume in litres		
(volume in factor Total Well D					1000000	17.7	51.4	40.1	70.7	P = 3.14159		
4.5												
			Water Co	lumn 31 m	(x) Conver	sion Factor	(=) Litres p	per 1 Well V	/olume			
Water Column (x) Conversion Factor (=) Litres per, 1 Well Volume 3.3 m (x) 1.96 (=) 6.43 L Product Thickness: Market Pro												
Depth to product: m Product Thickness: m Verified with Bailer: N												
Water Quality Parameters												
Beginning purge time: 11:29 Ending purge time: (1:5) Pump Intake Depth (mbtoc):												
Beginning purge time: 17: 79 Ending purge time: (1.5) Pump Intake Depth (mbtoc): Litres Time PH Temp °C Cond DO Redox mV Comments (10cm PID = 0.1 PPM												
1	11:35	6.46	20.0	11742	5.89	37.9	1-87			10 odow		
	11:41	6.72	19.6		4.69	37.6	2.07	stight	Phy c	no odour loudy no odour.		
	11:46	6.77	19.8		3.89	21.6	2.19	,	(?	11		
0.200	11:51	6.80	19.5	10671	2.72	6.8	2.31		11	. 17		
		100000										
	-											
	*ph	f, temp, cond	readings not i	necessary if we	ll is purged dr	y Exam	ole Commer			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
		al Well Vol		5454		Sample	time 17	:00	Conta	iners used		
2181	Flov	ial amount of w rate 'minute	water prior to	24823424244442 2 .5	field parame					well dry purged? Y N		
	1	· · · · · · · · · · · · · · · · · · ·										
libraria es						QC Check	S	N. HALL				
2007/2004/2007/00 11007/07				these sample			Y) N					
	Was pre-cleaning sampling equipment properly protected from contamination?											
Was docume	entation of	equipment	conducted?				Y) N NA	1		N.		
Were air but	obles prese	ent in vials a	t time of coll	ection?			Y N NA	1				
Was sample	for metals	field filtered	d prior to pre	servations?			Y) N NA			//		
Duplicate sa	mple collec	cted?					Y (N)	Duplicate	e sample	ID /		



	55 F070					Job In	formatic	n				
Date:	Date: 12/12/13 . Time: arrive 12:45 depart (U.00											
Project Na							2225046	17773753836				
Site Loca	tion Q	ymph aysu	ony					t Number:		2410	D	
Terrando and terra	tion: 10	aysu	sale	907			Samp		I.			
Well ID:	R	5_M	wpc	<u>t </u>			Weath	er: Fiv	<u>e</u>			
						Equ	ipment					
Water qua	ality equipme	ent descrip	tion:	451 11K	10126	2	Inte	erface prob	e number:	دسادحر	4253 30m	
Purging e	quipment:	Bailer	type:	Plastic		Teflon						
(please ci		Pump	100	Peristalt	ià	Subme	rsible	Micro-pu	rae	Amazon	Other:	
		3 TO 18	-71									
				Well G	auging	and Pu	rge Volu	me Calcu	lations			
Casing Di			25mm		00mm 1	25mm	150mm	200mm	250mm	300mm	Volume of water in well / V	
Conversion (volume in fa	on Factor octor L/m) *		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 n	(-) Wate	rlevel	(=) V	Vater Col	umn					r = radius in cm	
	. 10 n	n (-)	Water	m (=) _ Column	(x) (Conversi	m on Factor	(=) Litres	per 1 Wel	l Volume	h = height of water column in cm	
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 1-93 m (x) 1.96 (=)												
Depth to product: m Product Thickness: m Verified with Bailer:Y N												
Water Quality Parameters												
540	purge time:				ourge time				500000000		oth (mbtoc):	
Litres	Time	PH	Temp ^c	mS/cr	,	O g/L	Redox mV	<10cm			P10=0.1ppm	
0.5	12.57	6.72				14	45.6	1.92	Sligi	nthy	daidy, no odour	
1.0	13:00	6.95	20.	708	6 4.1	53	45.3	1.97	,	(11,0	
1-5	13:04	7.04	20-3	693	6 0.	46 4	13.9	1.99	Cle	ar, n	o odar	
2	13:07	7.0	20.	687	0 4.	37 (N.8	2.03		20 14	Li	
2.5	13:10	7.07			0 6.	06 4	13.2	2.07	1.	(10	
		1.60.00										
-												
	*p	L H, temp, con	d readings i	not necessary	if well is p	urged dry	Exam	ple Comme			udy / turbid / very turbid / no odour /	
		tal Well Vo					Sample	time 13	:15	Conta	ainers used \$\frac{\mathred{S}}{2}	
1-1		ual amount o	of water prio	r to sampling								
156	O mL	/minute			Did field	paramet	ers stabili	se?(Y)	N NA	Was the	well dry purged?	
						Field Q	C Check	S				
Was pre-c	leaned sam	plina equip	ment used	for these sa	mples?	AU ZHORES	Y	N	Figure 1990		ALUGHERALE SINGLAND STEEL V	
Was pre-cleaned sampling equipment used for these samples? Was pre-cleaning sampling equipment properly protected from contamination? N												
	Was documentation of equipment conducted?											
		1(490)49)							-			
	ubbles pres				-0		/					
	le for metals		ed prior to	preservatior	is?			Y) N NA				
	sample colle							Y		ate sample		
Rinsate bla	ank collecte	d?						Y (N)	Rinsat	e blank ID		



A STATE OF	Date: 12/12/13 Time: arrive 14:145 depart 14:15											
Date: 12/12/13 Time: arrive 14'.45 depart 16-15 Project Name: Symphony Project Number: 0224193												
Project Na		-	hony			Projec	F357. FF	The second second				
Site Local	tion: B	ayswa	ile			Samp	ler: \C	:.F.				
Well ID:	BO	-Mw	\$5			Weath	ner: F	ine				
					Е	quipment			V. St. St. St. St. City Land			
Water qua	ality equipm	ent descrip	tion:	151 IIKI	Appropriate Appropriate Control of the Control of t		erface probe	e number: NSW	4253 30m			
	quipment:	Bailer	and was a state of the state of	Plastic	Teflo							
(please ci	rlce)	Pump	type:	Peristaltic	Subr	nersible	Micro-pu	rge Amazon	Other:			
				Well Gau	ging and I	Purge Volu	ıme Calcu	lations				
Casing Di	ameter		25mm 50	mm 100m	nm 125mr	n 150mm	200mm	250mm 300mm	Volume of water in well / V			
Conversio			0.49	.96 7.8	5 12.3	17.7	31.4	49.1 70.7	= Prxrxh V = volume in litres			
Total Well		(-) Wate	r level 3.33	(=) Wat	er Column_	`			P = 3.14159 r = radius in cm			
5.	53	m (-)	Water Co	_ m (=)	(x) Convo	m reion Factor	· (=) Litros	por 1 Wall Valuma	h = height of water column in cm			
			Water Co	-20	n (x)	96	(=)	per 1 Well Volume				
Depth to product: m Product Thickness: m Verified with Bailer:												
Beginning purge time: Value Funding purge time: Pump Intake Depth (mbtoc):												
Litres	Time	PH	Temp °C	Cond	DO	Redox	Drawdown					
Withhild seem	3373577525	0.0		nS/cm	mg/L	mV	<10cm		P10=0.3 APM			
0.5	15:01	6.60	20.0	4844	6.45	31.6	3.35		oudy, no odour			
	15.05	6.74		4920	6.37	23.2	3.36	l C				
1.5	15:08	6.94	19.1	4844	6.23	19.7	3-35	" "				
2	15:11	7.04	19.1	4805	6.15	17.6	3.37	, (c ₁			
2.5	15:14	7.09	19.2	4831	6.66	13.8	3.35	11	1'			
							14					
	**	H, temp, con	d readings not	necessary if w	ell is purged o	fry Exam	ple Commer		udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth			
		tal Well Vo	lume of water prior to	sampling		Sample	time 15	:22 Conta	iners used 8+8			
151		ow rate	a note: phor to		d field perom	neters stabili	~~~ V		well dry purged? Y N			
121	O mi	_/minute		Dit	i lielu parali	leters stabili	ser ()	vvas trie	well dry purged?			
					Field	QC Check	(S					
Was pre-cl	leaned sam	pling equipr	ment used for	these samp	les?		YN					
Was pre-cl	eaning san	npling equip	ment properly	y protected fi	rom contami	nation?	YN	-				
Was docur	Was documentation of equipment conducted?											
Were air b	ubbles pres	ent in vials	at time of col	lection?			Y N NA					
Was samp	le for metal	s field filtere	ed prior to pre	servations?		C	Y N NA	g .				
Duplicate s	sample colle	ected?					YN	Duplicate sample	RØ1-1212B_KF			
Rinsate bla	ank collecte	d?				(YN	Rinsate blank ID	KOI-121213_KF			



			TRESTANDADA			I CHARLES	Making the last	- 0 - 00	TV-100 E1		BENNESS NO		
						121	Job Info	ormatio			Townsia i		
Date:	3/1	2/13	3					Time:	arrive	10:0	0	depart	
Project	Name: 3	Symp	show	1				Projec	t Number:	022	419	3	
Site Loc		0 .	was)				Sampl	er: C.	Henr	5		
Well ID:	BP	- Mu						Weath		uny			
							Equip	oment					
Water q	uality equ	ipment de	escription:	120	1000	12		Inte	erface prob	e number:	1220x	09747,1	
	equipme	nt:	Bailer type	e:	Plastic		Teflon						
(please	cirice)	9	Pump type	e: (Peristalti	c)	Submers	ible	Micro-pu	urge /	Amazon	Other:	
					Well G	auging a	nd Purg	ge Volu	me Calcu	ulations			
Casing	Diameter	2	25n	nm 50	mm 10	0mm 1:	25mm	150mm	200mm	250mm	300mm	Volume of water in well / V	
	sion Facto	or	0.9	98 1.	96 7	7.85	31.4	49.1	70.7	125.7	196.3	= Pr x r x h V = volume in litres	
Total We	ell Depth			Water C						· ·		P = 3.14159 r = radius in cm	
312	40 m	(-) <u>0,8</u>	75m (=)	2.30		C	Ft-	- /\ 1:4	1 11	Mall Malines		h = height of water column in cm	
				2.36	m (x)	Conversi	an Facto	r (=) Liti (=)	u 4,	Vell Volume	e L		
Depth to	Depth to product: m Product Thickness: m Verified with Bailer: Y N NA												
Water Quality Parameters													
10/1/2													
Beginning purge time: 10:12 Ending purge time: intake depth \$2.5 m													
Litres	Litres Time PH Temp °C Cond DO Redox my/L mV Comments												
1	10:15	5.92	23.9	3282	0.17	74.5	0.890	Cle	eur,	NO &	odou		
2	10:19	5.19	24.0		0.9	1509	0.90		11		11		
-	10:24		24.0	ALC ARMOND	0,09	182.8	0.92		11		11		
4	10:27	0.000	24.1	1794	0.09	197.2	0.94		11		11		
5		5.00	24.0	1794	1.5	197.1	0.95		į,)(
								*	oa	mple	- terr	Len	
				110						1		8	
		*pH, ten	np, cond re	adings not	necessary	if well is pu	rged dry	Examp	ole Comme			udy / turbid / very turbid / no odour /	
~ 25	5		ell Volum					Sample	time) (0:33		iners used 8	
V 2	50	Flow ra	te	ater prior to	sampling	Did field p	naramete	CONTROL MINERS		N NA		well dry purged? Y (N)	
- Z	50	mL/minu	ле				en ilizabetke				vvas tric	well dry pulged: 1 (1)	
					4.00 (4.00)		ield QC	Check	S				
62		(8) 8	0.00	nt used fo		\(\text{2}\)		C				e	
Was pre	-cleaning	sampling	equipme	nt properly	/ protecte	d from co	ntaminati	7		_			
Was doo	cumentati	on of equi	pment co	nducted?				6	NN	A			
Were air	bubbles	present in	vials at t	ime of coll	ection?				(N/N/	A			
Was san	nple for m	etals field	l filtered p	rior to pre	servation	s?		C	NN	4			
Duplicat	e sample	collected'	?					\	N	Duplica	ate sample	ID	
Rinsate	blank coll	ected?						1	(N)	Rinsate	e blank ID		



					Job	Information	on					
Late.	3/12/	13			311	ime	441114	10:05	11:07			
Project Na			,			Proje	ct Number:	022419	3			
Sile Leni	Ba	uswate	5				K.F					
Well ID:	BP_MI	w02	Southern St.			vveat	ner: Fin	e				
					F	nulameni						
Water qua	ality equipme	ent descript	ion: Yei	1116 - 11			terface prob	e number: NSW	4253 30M			
		Roilor	(3)	IIKIOI	Teffs		- Pro-		4003 301			
(please ci	rice)			Plantic			Balara pu		, Úrnor:			
		Pump	type.	Peristaltic	Subi	nersible	Micro-pu	rge Amazor	n Other:			
				Well Cau	ging and I	Purge Voli	ime Calcu	lations	-,			
Casing Di	ameter			mm 100n	nm 125mr	m 150mm	200mm	250mm 300mr	Volume of water in well / V			
Conversio			0.49	96 7.8	5 12.3	17.7	31.4	49.1 70.7	V = volume in litres			
Total Well	Depth	(-) Water	level	(-) Wat	or Column				r – radius in cm			
_ 0.10) m	(-)		m (=) lumn	(x) Conve	_ m ersion Factor	r (=) Litres	per 1 Well Volume	h = height of water column in cm			
			7.1	5	n (x)l.	96	(=) _ 1	per 1 Well Volume				
Depth to product: m Product Thickness: m Verified with Bailer: Y Y												
					Water Ou	ality Para	meters					
Beginning purge time: 10: 49 Pump Intake Depth (mbtoc):												
Litres	Time	PH PH	Temp °C	Cond	DO	Redox	Drawdown	Commen				
			Temp 0	MAS/cm	mg/L	mV	<10cm					
M	Holas	Water .										
1	10:25	7.18	21.4	6503	1.23	96.4	0.95	Slightly cle	oudy, no odow.			
2	10:37	6.12	20.4	5999	0.25	76.1	0.96	1.1	11			
3	10:43	6.05	20.4	5657	0.17	70.7	0.96	4	· (
4	10:49	6.03	20.3	5689	0.13	94.3	0.96	L	L ₁			
			•									
):			
	*pl	l, temp, con	d readings not	necessary if v	rell is purged	dry Exam	ple Comme	nts: clear / slightly slight odour / c	cloudy / turbid / very turbid / no odour / odour / strong odour / drawdown depth			
	Tot	al Well Vol	ume				(5)		カユ			
			t water prior to	sampling		Sampl	e time (0		ntainers used			
121	95.552	w rate /minute	r.	Di	d field parar	neters stabi	lise?	N NA Was	the well dry purged? Y N			
			***************************************		Field	QC Chec	ks					
Was pre-c	leaned same	oling equipr	nent used for	r these same			8) N					
	Was pre-cleaned sampling equipment used for these samples? Was pre-cleaning sampling equipment properly protected from contamination? (V) N											
			conducted?		aces as an arrival delication of the second		Y) N NA					
			at time of col			F	Y (N) NA	-				
			d prior to pre			1	(N) NA					
	sample colle		11.			F	Y (N)	Duplicate sam	ple ID			

Rinsate blank ID



Rinsate blank collected?

Groundwater - Well Sampling Data Form

					Job	Information	on					
Three:	3/12/13					Time:	arrive	08:30	deраrt	09:46.		
Project Na	ame: So	Imphon	y		4	Proje	ct Number:	02241	73			
Site Local	uon: Bay	ymphon	6			Samp	ier C.H	. +KF.				
	BP_MW					vveati	ner: Fine					
18					t	quipment						
Water qua	ality equipme	ent descripti	on: 451	12010	0012	Int	erface prob	e number: 12	22009	747-1		
Purging e	quipment:	Bailer t	ype:	Piastic	Terio	on						
1	i suce a	Pump t	ype: (Peristaltic) Subi	mersible	місго-ри	rge Ama:	zon c	otner:		
				Well Gall	ging and i	Purge Volu	ıme Çalcu	iations				
Casing Dia	ameter	i s	25mm 50	mm 100n	I:		1: 1		mm Volume	of water in well / V		
Conversio	n Factor			96 7.8		17.7	31.4	49.1 70	= Dr v :			
Total Well					or Column				D = 2.1			
3.92	26n	(-) Water n (-) 2.		m (=)	1.576		. /-> 1.2b-s-s	4 \A(-1) \(/-1.	h = heig	tht of water column in cm		
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 1. 576, 1. 96 3. 08												
Depth to product: m Product Thickness: m Verified with Bailer: N												
Beginning purge time: 08:55 Ending purge time: 09:23 Pump Intake Depth (mbtoc):												
Degiming	purge time.	PH	Tempoc	Cond			1	1 0	t-	,. 		
210.00		7.4	temb C	nS/cm	DØ mg/L	Redox mV	<10cm	PID = 0.	4			
0.54	08:59	5.62	23.4	10633		177.6	1	Clear, no	odour			
1	09:05		110.24	10602		160.7		11	()			
1.5	09:09	5.91	23.7	10123	2.68	143.9	2.55	L. Little	11			
2		6.02	1		100	126.2			L (*		
2.5	09:19	6.10	23.5	8986	2.51	113.2	2.80		11			
3	09:23	6.07	23.3	9030	2.57	110.0	2.95					
	!	!	1		!	-	-	!				
		!	!		!	, Exam	l ple Comme	nta, clear / sligh	thy cloudy / turbi	d / very turbid / no odeur /		
		H, temp, cond	f readings not	nocoscary if v	roll is purgoa i			slight odou	r / odour / strong	odour / drawdown depth		
		tal Well Volume tal well well well amount of	ume water prior to	sampling		Sample	s time 09	:25	Containers use	d 8+8		
2100	Those The mL/minute Did field parameters stabilise? N NA Was the well dry purged? Y N											
					Field	QC Checl	ks					
Was pre-cl	Was pre-cleaned sampling equipment used for these samples?											
Was pre-cl	Was pre-cleaning sampling equipment properly protected from contamination?											
Was docur	mentation of	fequipment	conducted?			(N NA			ĺ		
vvere air b	ubbles pres	ent in viais a	at time of col	ection?		Ĺ	T NA	1				
Was samp	le for metals	s field filtere	d prior to pre	servations?		-	N NA		Do	1_031213		
Duplicate o	cample calle	ected?					Ø N	Duplicate s	ample ID	120012.00		

Rinsate blank ID



		- 5	and the same		and the second				SSE TO BE STORY					
	,	,			4977		Job Info	ormatio	n					
Date:	3/1	2/	3					Time:	arrive	14:20)	depart		
Project	Name:	Sym	pho	ny				Projec	Number	0224	101	3		
Site Lo	cation:	Bans	wa	ter				Sample	er: C	17 +	K.	F		
Well ID	BP-	- Mu	104					Weath	er: C	when	100	hot-		
				11/4			Equir	ment	Uldarine.	take that we time				
Water	quality equ	ipment de	escription	: 114	< 101	262			rface pro	be number:	120	0009747.		
Purgino	equipme	nt:	Bailer typ		Plastic		Teflon				126	0011-11-1		
(please			Pump typ	1,000	Peristaltic		Submers	ible	Micro-p	urge Am	nazon	Other:		
	叶 (金)	36.111			Well Ga	auging a	and Purc	ie Volui	ne Calc	ulations		Maria Salas Cara Salas Calas C		
Casing	Diameter		251	mm 50	271			150mm	200mm	V=X	00mm	Volume of water in well / V		
	sion Facto		1,1,0000			2 (2000 A)(1) 12	31,4	49.1	70.7		196.3	= Prxrxh		
	oll Depth	(-) Water) Water C		.00	51,4	43.1	70.7	125.7	190.5	V = volume in litres P = 3.14159		
				506	50 m						r = radius in cm h = height of water column in cm			
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 5.650 m (x)														
V V VA														
Depth to product: m Product Thickness: m Verified with Bailer: M														
Water Quality Parameters														
Beginni	ng purge	time: //	4:29		Ending p	urge time	: 14.	:48		inta	we	depen 2 6.59		
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdowr <10cm				nments			
1	14:34	5.48	24.]	5043	0.4	77.8	1.85	Clo	udy,	10 00	don	~		
2		5.55	21.0	4888	0.05	775			lı	1,				
7	14:44		20.9	4904	0.04	76.4	200	e ir li						
Bt.		5.75	20.9	4906	0.05	60.1			η	1,				
	There	3.40	20.	1100	0.03	6,	COS			Set 200	-			
										-				
										-	No.			
											_			
								Examp	le Comm	ents: clear / slid	ahtly clo	udy / turbid / very turbid / no odour /		
		ърн, теп	np, cona re	adings not i	necessary i	t well is pu	irgea ary			slight odd	our / odo	ur / strong odour / drawdown depth		
			ell Volunt nount of wa	ne ater prior to	sampling			Sample	time		Conta	iners used		
12	7	Flow ra				Did field r	narameter	e etahilie	02 M	N NA V	Nac the	well dry purged? Y N		
10	137 Prow rate mL/minute Did field parameters stabilise? N NA Was the well dry purged? Y N													
	Field QC Checks													
	Was pre-cleaning sampling equipment used for these samples?													
Was pre	-cleaning	sampling	equipme	nt properly	/ protected	d from co	ntaminatio	on?	N	_				
Was doo	cumentation	on of equi	pment co	nducted?				C	NN	A				
Were air	bubbles	present in	vials at t	ime of coll	ection?			Y	(N) N	A				
Was sar	nple for m	etals field	filtered p	orior to pre	servations	s?		Y	(N)	A				
Duplicat	e sample	collected	?					Y (N) Duplicate sample ID						
Rinsate	blank coll	ected?						Y Rinsate blank ID						



							Job Info	rmatio	n				
Date:	3/10	2/13		ie.			7	Time:	arrive	11:45	5	depart	
Project	Name:	Syw	pho	m				Projec	t Number:	020	419	3	
Site Loc	cation:			()	o wer	r Stv	1		er: C.				
Well ID:	BP.							Weath	er: SW	nnu.	/not		
				23			Equip	ment	2/60				
Water q	uality equ	ipment de	escription	125	01000	12		MINISTER CO.	erface prob	e number:	122	009747.1	
	equipme	nt:	Bailer typ	e:	Plastic		Teflon						
(please	cirlce)		Pump typ	e: (Peristalti	С	Submers	ible	Micro-pu	irge	Amazon	Other:	
					Well G	auging a	and Purg	e Volu	me Calcu	lations	外質制		
Casing	Diameter		25r	nm 60	mm 10	00mm 1	25mm 1	50mm	200mm	250mm	300mm	Volume of water in well / V	
	sion Facto	ır	0.0	98	.96	7.85	31.4	49.1	70.7	125.7	196.3	= Prxrxh V = volume in litres	
Total W	ell Depth											P = 3.14159 r = radius in cm	
+.7	7.70 5 m (-) 2.615 m (=) 5.000 m h = height of water column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume S 090 m (x) (=) (=) (=) (L)													
Depth to product: m Product Thickness: m Verified with Bailer: YN NA													
Depth to product: m Product Thickness: m Verified with Bailer: N Water Quality Parameters													
				EVEN I				Paran	neters				
Beginning purge time: 11:56 Ending purge time: iwake depth \$6.00													
Litres	Litres Time PH Temp °C Cond DO Redox Drawdown comments myS/cm mg/L mV <10cm												
Ì	1200	6:43	23.2	7091	1,00	17.1	2.645	Shi	glifly	clou	dy l	light brown, no o	
2	12:45	6.01	21.0	5706	0.34	191	2,698		o NO		JI	7 11	
3	12:50	6.67	20.9	5632	0.33	24.3	2.711		11			11	
4	12:55	6.09	20.9	5693	0.36	21.0	2,77		11			D	
									* 5	any	le to	wien	
										- /		The state of the s	
												4	
		*pH, tem	np, cond re	adings not	necessary	if well is pu	rged dry	Examp	le Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth	
1	1-		ell Volum	5553	sampling			Sample	time 12	5:22	_ Conta	ainers used	
~ 20	()	Flow ra	te	iter prior to	, ,	Did field	parameter	0.53		NA NA	Was the	well dry purged? Y N	
FAMILIE			Tarisa (ab)		ZO SERVICE	autorer -	1-1-1-00	Ob a di		E I S G S I II		STATE OF THE SHIPPED STREET, STATE OF THE ST	
\Moo ===	oloon!=	oome!!-	oguda	at was dif-	r these		ield QC	-	DI	45 1	and they		
					r these sa		nto min ati	-2	N				
5			E 8 8	8 8 8	y protecte	u irom co	ntaminatio) (Y	, N	1			
	umentatio	000			lootion?			Ç	N NA	1			
	bubbles p					-2		Y	N NA	7			
				nor to pre	servation	81		Ç		_	to see	ID /	
- 58	e sample		t):					Y	$\binom{N}{N}$		ate sample		
				rior to pre	servation	s?		C)N NA	_			
- 58	blank colle							· v	(N)		e blank ID		



					Job	Informatio	on					
Tinte	3/12	/13				Torm	1111111111	11:50)	12:45		
Project N	lame: Sy	uphor	y			Projec	ct Number:	022				
Site Loca	iion Ba	yswa	te			Samp	tan K.	F.				
Well ID:	BP_M	wø6				vveatr	ner: Fi	re		8		
					E	quipment						
Water qu	ality equipme	nt descript	ion: 451	11/6/01	262	Int	erface prob	e number:	NSW	4523 30m		
Purging e	equipment; irlce)	Bailer Pump		Plastic Peristaltic	Teflo	mersible	Micro-pu	ırae	Ámazon	Other:		
		- dinp	туро.			Purge Volu						
Casing D	iameter		25mm 5	i0mm 100n			200mm	250mm	300mm	Volume of water in well / V		
Conversion	on Factor		mental comment of the	1.96) 7.8	Special Contraction	17.74	31.4	49.1	70.7	= Prxrxh V = volume in litres		
(volume in fa	The same of the sa	(-) Water			or Column					r = 0.14150 r = radius in cm		
7.0	07 m	(-) 1.	16	_ m (=)	5.91		(=) Litron	por 1 Wall	Volumo	h = height of water column in cm		
			5.	Column 91	m (x)	96	(=)	1.58	volume L			
Depth to	product:		m	Product Thic	ckness:	m	Veri	fied with B	ailer:	TN		
					Water Ou	ality Parar	neters			The second secon		
Beginning	g purge time:	12:03	3	Ending purg		2:32		Pump	Intake Dep	th (mbtoc):		
Litres	Time	PH	Temp °C	1	DO mg/L	Redox mV	Drawdown <10cm	C	Comments			
1	12:09	6.73	24.4	5850	0.69	50.3	1.17	Clou	dy, ro	odour		
2	12:18	6.73	14.0	5841	0.64	46.6	1.16	1,				
3	12:24	6.75	24.0	5806	0.57	45.2	1.15	"		V		
4	12:32	6.75	24.1	5714	0.56	44.6	1.16	,	<u>v</u>	• 1		
									1000			
		5 - 11 - 11 - 11 - 11 - 11 - 11 - 11 -										
	*pH	l, temp, con	d readings no	at necessary if w	rell is purged o	dry Exam	ple Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
		al Well Vol				Sample	time 12	:37	_ Conta	ainers used 7		
137	Name of Street, or other Desires.	w rate	f water prior	4 3		WW. 100.00		N INA				
12+	mL/	minute		Di	d field paran	neters stabili	se?	N NA	was the	well dry purged? Y (N)		
					Field	QC Check	(S	WHEN THE				
Was pre-c	cleaned samp	ling equipr	ment used f	or these samp	oles?	(N					
Was pre-c	cleaning samp	oling equip	ment prope	rly protected f	rom contam	ination?	N	_				
Was docu	mentation of	equipment	conducted	?			N NA	4				
Were air b	oubbles prese	nt in vials	at time of co	ollection?			Y (N) INA	1				
Was samp	ple for metals	field filtere	ed prior to p	reservations?			Y (N) NA					
Duplicato	cample called	ctod?					× (1)	Duplic	ate sample	In /		
Dinanta hi	lank collected	2				100	V	Dincol	e blank ID			



Groundwater - Well Sampling Data Form

					Y Y	Job I	Informati	on			21	
Date:	9.12	.13					Time:	arrive	9:	30		depart 11:,45
	7.6	amph	ony.				Proje			224	19	3
Site Locat		ays w					Samp	oler: Tr	U			
Well ID:	BQ	- mw	101				Weat	her: S	sur	279	£0	
DE WE	N ZATO				Iss (Ec	uipment	A. A.				
Water qua	ality equipm	ent descripti	on: Air	met	90		_nu Int	terface pro	be nun	nber: 🔑	T,	met NSW 4254
Purging e (please ci	quipment: rice)	Bailer t Pump t		Plastic Peristaltic	C	Teflor Subm	n nersible	Micro-p	ourge	Amaz	on	Other:
الأبلاء			SALE	Well Ga	augin	g and P	urge Volu	ıme Calc	ulatio	ns	144	
Casing Di	ameter	2	25mm /5	0mm \10	0mm	125mm	150mm	200mm	250	mm 300r	nm	Volume of water in well / V
Conversio			0.49	1.96 7	.85	12.3	17.7	31.4	49.	1 70.	7	V = volume in litres
Total Well	Depth	(-) Water m (-) <u>43</u> .	Water C	_ m (=) _ column	7	Conver	_m	r (=) Litre	s per 1	Well Volur	ne	P = 3.14159 r = radius in cm h = height of water column in cm
			7-	0	_ m (x	1-0	96	(=)	14.	0	L	
Depth to product: m												
	WINS.			in Fa	Wa	ater Qua	ality Para	meters	SV-1E			
Beginning	purge time	10:0	2.	Ending p	urge tii	me:			Pi	ump Intake	Dep	th (mbtoc):
Litres	Time	PH	Temp °C	Cond mS/cm		DO mg/L	Redox mV	Drawdow <10cm		Comm	ents	
Noh	Dater	at	10:1	5 0	no	rea	red	pi	ress	sure	; h	sater pumped
same and	irball		10:3	12.								97.
0.5	10:35	7.58	22.9	0.213	3 4	.59	152	43.09	cl	onch	1 9	gren, no oden
1.0	10:39	7.43	22.0	279	3	.20	141	43.10)	as	C	mey, no odeno
1.5	10:45	-	21.4	2-81	2	-30	155	43.17	-	as		abone
Ran	1 0	At 06	co	2 8	as	ch	ang	c	5	yuin	, d	en.
2.0	10:51	8-20	21-3	2.81	12	-27	143	4313		as		abone
2.5	10:55	8.24	22:7	2-83	3 2	26	143	43-16	+	a	0	abone
3.0	10:59	8.24	22.9	2.80	+ 2	.22	143	431	4	a	1	abone
3.5	(0:02	8-25	22-9	2.80	+ 2	.23	148	43:1	-	a	1	about.
4.0	11:06,	oH, temp, cond	readings no	t necessary	well is	purged d	ry TExam	ple Comn	nents:	clear / slight slight odour	ly clo	udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
4.0	L To	tal Well Vol		o sampling			Sample	e time _	1:0	6_ 0	Conta	ainers used9
120	1.000	ow rate L/minute			Did fie	ld param	eters stabil	ise? Y	NN	IA Wa	s the	well dry purged? Y
		To the	Yes apric			Field	QC Chec	ks			1	
Was pre-c	leaned san	pling equipn	nent used f	or these sa	mples'	?	(YN	-	1×	1	Cation/anien.
Was pre-c	leaning sar	npling equipr	ment prope	rly protecte	d from	contami	nation?	YN		Le	K	vials:
Was docu	mentation o	of equipment	conducted	?			8	NN	NA	t	X	metals.
Were air b	ubbles pre	sent in vials a	at time of co	ollection?				YW	NA	3	X	metass. omber DTL 43.19.
Was samp	ole for meta	ls field filtere	d prior to p	reservation	s?		Z	NY	NA N	fine	VC	N(M 421
Duplicate	sample coll	ected?						YN		uplicate sa	mple	:ID
Rinsate bl	ank collecte	ed?						YN	R	tinsate blar	ık ID	



Rinsate blank collected?

Groundwater - Well Sampling Data Form

CIVIVI												
		n terret		Anna ann	Job	Informatio	on					
Date:	9/12/	13				Time:	arrive	08:3	,7	depart 09:35		
Project Na		ngh	ony			Projec	t Number:	02	2410			
Site Locati	ion: Bo	yswa	· La			Samp	ler:)C.F					
Well ID:	BQ.	-Mw				Weath	ner: F	ne				
					E	quipment						
Water qua	lity equipme	ent description	on: 451	IIKIC	1262	Inte	erface prob	e number:	NSW	4253 3000		
Purging ed (please cir		Bailer ty Pump ty		Plastic Peristaltic	Teflo Subn	n nersible	Micro-pu	rge ,	Amazon	Other:		
				Well Gau	ging and F	Purge Volu	me Calcu	lations				
Casing Dia	ameter	2	5mm 50	mm 100n	nm 125mn	n 150mm	200mm	250mm	300mm	Volume of water in well / V		
Conversion (volume in fac		10	0.49 1.	96 7.8	5 12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres		
Total Well	Total Well Depth (-) Water level (=) Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) (=) (=) (=) (=) (=) (=) (=) (=) (=)											
Depth to product: m Product Thickness: m Verified with Bailer: N												
Water Quality Parameters												
Beginning	purge time:	08:	U.S.	Ending purg	ge time: O			Pump	Intake Dep	th (mbtoc):		
Litres	Time	PH	Temp °C	Cond ms/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments			
1	08.49	6.88	19.6	15389	5.31	69.9	3.37	Clea	w-, 10	odow		
.2	08:54	6.88	19.7	14891	489	62.3	3.48			ι,		
3	09:00	6.83	19:7	14775	4.54	59.6	3.61			()		
4	09:05	6.84	19.9	14585	4.21	56.6	3.70	,	1	11		
	11									T		
						7/						
	*p.	H, temp, cond	readings not	necessary if w	vell is purged o	dry Exam	ple Comme			udy / turbid / very turbid / no odour /		
		tal Well Volu		sampling		Sample	time 0			iners used		
190	200-200	w rate /minute		Di	d field paran	neters stabili	ise?	N NA	Was the	well dry purged?		
					Field	QC Check	(S					
Was pre-cl	Was pre-cleaned sampling equipment used for these samples?											
Was pre-cl	Was pre-cleaning sampling equipment properly protected from contamination?											
Was docum	mentation of	f equipment	conducted?			Ĉ	N NA					
Were air bu	ubbles pres	ent in vials a	t time of col	lection?			Y N NA					
Was sampl	le for metals	s field filtered	d prior to pre	servations?	21	(Y N NA	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
Duplicate s	sample colle	ected?					YA	Duplic	ate sample	ID /		

Rinsate blank ID



				7 - P.	Job	Informatio	n		Arthur M	(M) SOIT CA	
Date:	9/12	1,2				Time:		09'.5	7)	depart / 1:00	
Project Na	ame: <	10				12000000	t Number:		224		
Site Locat		- Su	to			Samp		.F.			
Well ID:	BO	Mass	d>			Weath					
	242	7 (50	75	100000101010		20000000	,,	ne		PS - w minutes so the solution	
			(15			quipment			1 /2		
Water qua	ality equipme	nt descripti	on: 75	IIKI	01262	Inte	erface probe	number:	NSU	U 4253 30M	
Purging ed		Bailer t		Plastic	Teflo	n					
(prodoc on		Pump t	type:	Peristaltic	Subn	nersible	Micro-pur	rge /	Amazon	Other:	
	David St			Well Gau	ging and F	Purge Volu	me Calcul	lations			
Casing Dia	ameter	2	25mm 50	mm 100m	m 125mn	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	
Total Well		(-) Water	level	(=) Wate	er Column					P = 3.14159 r = radius in cm	
6.5	m	(-)	level 5	m (=)	6.26	_ m	/\		V-L	h = height of water column in cm	
			vvaler Co	olumn 76 n	(x) Conve n (x) 1-9	(6)	(=) Litres (2/2.	Z L		
Depth to product: m Product Thickness: m Verified with Bailer: YN											
Water Quality Parameters											
Beginning	purge time:	10000		Ending purg	e time: [O	21		Pump I	ntake Dep	oth (mbtoc):	
Litres	Time	PH	Temp °C	Cond //S/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments		
1	10:05	6:35		5971	4.17	53.8	0.53	Clea	1,10	odow	
2	10:10	6.40	21.7	5663	290	48.4	0.48	(· x	
3	10:15	6.35	21.7	5453	1.11	44.8	047	()	k .	rx	
4	10:21	6.36	21.6	5253	0.80	43.0	0.48		u	CC	
	•										
	*pl	H, temp, cond	d readings not	necessary if w	ell is purged o	dry Exam	ple Commer			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth	
	11/2/2010	al Well Vol	ume f water prior to	campling		Sample	time 10	:30	_ Conta	ainers used 8+8	
100	1 500,000	w rate	i water prior to		16.11			NA NA	147	11 × 10 × 10	
190	mL	/minute		Dic	i field param	neters stabili	se /	N INA	vvas tne	well dry purged?	
		加沙漠			Field	QC Check	(S				
Was pre-cl	leaned samp	ling equipn	nent used for	r these samp	les?	2	N				
Was pre-cl	leaning sam	pling equipr	ment properly	y protected fr	rom contami	ination?	N	_			
Was docur	mentation of	equipment	conducted?				N NA				
Were air b	ubbles prese	ent in vials a	at time of col	lection?			Y N NA				
Was samp	le for metals	field filtere	d prior to pre	servations?		(N NA				
Duplicate s	sample colle	cted?				Č	N	Duplica	ate sample	DO1-091213-KF	
Rinsate bla	ank collected	1?					Y (N)	Rinsate	e blank ID		



	Job Information Date: 9/12/13 Time: arrive \\'.\O depart 12 15										
Project Na	ame: S	ymp'	nony			Projec	t Number:	022			
Site Locat	tion: B	aysi	sater			Samp	ler:)C.	F.			
Well ID:	BQ	_ M	2 \$4	,		Weath	ner: 🖘	æ			
814 < 15	wind a				E	quipment		A TOTAL			
Water qua	ality equipme	nt descrip	tion: Y	SIIKI	01767	Int	erface prob	e number:	DSw	0 4253 30m	
Purging ed (please cir			type:	Plastic Peristaltic	Teflo Subr	n nersible	Micro-pu	rge /	Amazon	Other:	
		170		Well Gau	ging and F	Purge Volu	me Calcu	lations			
Casing Dia	ameter		25mm 5	0mm 100m	T	-	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	= Pr x r x h V = volume in litres	
Total Well	Depth	(-) Wate	er level	and annual a	er Column				I	P = 3.14159 r = radius in cm	
10.6	m (-)										
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. Y N											
Water Quality Parameters											
Beginning	purge time:	11:2	8	Ending purg	Control of the Contro	7/ 2/ 2/ 2/	The state of the s	Pump	ntake Dep	th (mbtoc):	
Beginning purge time: 11 28 Ending purge time: 11 52 Pump Intake Depth (mbtoc): Litres Time PH Temp °C Cond DO Redox mV Comments **Time PH Temp °C Cond mg/L mV Comments**											
0.5	11:32	6.28	21.0	8455	6.72	37.9	8.40	clea	5,00	odow	
1	11:37	6.60		8981	6.74	36.8	8.48	11	1	i i	
1.5	11:41	6.71	20.4		6.44	35.2	8.55	L		L	
2	11:44	6.76		an are	6.37	36.7	8.76	10	ki)	10	
2.5	11:48	6.46	20.9	9575	6.11	36.8	8.89			<u></u>	
3	11:52	6.76	20.7	9594	6.01	36.5	8.95	in		tt	
_											
										*	
						27.					
	*pF	l, temp, cor	nd readings no	t necessary if w	rell is purged o	fry Exam	ple Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth	
		al Well Vo		to sampling		Sample	time 17:	00	_ Conta	ainers used	
Actual amount of water prior to sampling Sample time 12.00 Containers used Flow rate mL/minute Did field parameters stabilise? N NA Was the well dry purged? Y N											
	Field QC Checks										
Was pre-cl	Was pre-cleaned sampling equipment used for these samples?										
Was pre-cl	Was pre-cleaning sampling equipment properly protected from contamination?										
Was docum	Vas documentation of equipment conducted?										
Were air bu	ubbles prese	ent in vials	at time of co	ollection?		-	Y (N) NA				
Was sampl	le for metals	field filter	ed prior to pr	reservations?		6	N NA				
Duplicate s	sample collec	cted?				-	YN	Duplica Duplica	ate sample	ID	
- 57	nk collected					<u> </u>	V		a blank ID		



	Job Information Date: 9/12/13										
Project Na	ame: S	jug	ihon	1			Projec				
Site Locat	tion: E	aysi	لمحا	w			Samp	ler: K	·F·		
Well ID:	BQ.	- Min	\$5				Weath	ier: 5	re		
						Eq	uipment				
Water qua	ality equipme	ent descrip	tion: C	1511	KIOL	262	Inte	erface prob	e number:	Non	0 4053 30m
Purging ed (please cir		Bailer Pump		Plas	staltic	Teflor Subm	n ersible	Micro-pu	rge /	Amazon	Other:
To the state of				We	II Gaugii	ng and P	urge Volu	me Calcu	lations		
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	V = volume in litres
_8.5	Total Well Depth (-) Water level (=) Water Column reading in cm height of water column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume Mater Column (x) Conversion Factor (=) Litres per 1 Well Volume N										
Depth to product: m Product Thickness: m Verified with Bailer: Y N											
Water Quality Parameters											
Beginning	purge time:	12:	53		ing purge	time:	13:14		Pump	Intake Dep	th (mbtoc):
Litres	Time	PH	Temp	°C C	ond S/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments	,
0.5	12:57	6,61	020.	24	985	4.98	37.9	7.30	Cla	idy	no odow
1	13:00	6.92	20.1	0 50	52 1	4.58	37.6	7.30	()	, ,	()
1.5	13:64	6.98	3 20.	0 40	180 (F.33	38.2	7.32		(1	I e
2	13:07	6.96				4.16	39,1	7.34		1.	<i>t</i> (
2.5	13:10			9 4		3.97	40-5	7.35		. (ι (
3	13:14	7.0)	19.	9 4	786	3.76	40.0	7.36		ιι	l i
			-								
			-								
	*n/	H, temp, con	nd readings	s not neces	seary if well	is purged di	Exam	ple Comme	nts: clear /	slightly clo	udy / turbid / very turbid / no odour /
		tal Well Vo		, not neces	odiy ii woii	io parged ar		13	slight		our / strong odour / drawdown depth
	Act	ual amount		ior to sam	oling		Sample	time		_ Conta	ainers used
14	. / /	/minute			Did fi	eld param	eters stabili	se?	NA NA	Was the	well dry purged?
Field QC Checks											
Was pre-cleaned sampling equipment used for these samples?											
Was pre-cl	Was pre-cleaning sampling equipment properly protected from contamination?										
Was docur	mentation of	equipmen	t conduct	ed?			C	N NA			
Were air b	ubbles pres	ent in vials	at time o	f collection	n?			Y N NA	,		
Was samp	le for metals	field filter	ed prior to	preserv	ations?		C	AN N	.]		,
Duplicate s	sample colle	cted?					,	Y	Duplic	ate sample	ID
Rinsate bla	ank collected	1?					,	Y(N)	Rinsat	e blank ID	



Photo: DS C00085 Job Information 4:00 Date: Time: depart Project Name: Project Number: 0724193 Site Location: Sampler: Well ID: Weather: Equipment 11KW1262 Water quality equipment description: Interface probe number: NSW 30m Plastic Teflon Purging equipment: Bailer type: (please cirlce) Peristaltic Submersible Other: Pump type: Micro-purge Amazon Well Gauging and Purge Volume Calculations 25mm 50mm 100mm 125mm 150mm 200mm 250mm 300mm Casing Diameter Volume of water in well / V = Prxrxh Conversion Factor 1.96 0.49 7.85 17.7 31.4 49.1 70.7 V = volume in litres P = 3.14159 (=) Water Column (=) Z & Cm Total Well Depth (-) Water level r = radius in cm h = height of water column in cm (x) Conversion Factor (=) Litres per 1 Well Volume
(x) 1.96 (=) 4.78 L Water Column Product Thickness: Verified with Bailer: Depth to product: **Water Quality Parameters** 14:12 Beginning purge time: Ending purge time: Pump Intake Depth (mbtoc): Temp °C Litres DO Redox Time Cond Drawdown Comments <10cm m5/cm mg/L mV 5.9 70.6 38.1 8.57 8.59 1 1 5.23 32.4 3 Example Comments: clear / slightly cloudy / turbid / very turbid / no odour / *pH, temp, cond readings not necessary if well is purged dry slight odour / odour / strong odour / drawdown depth **Total Well Volume** 14: Sample time Containers used Actual amount of water prior to sampling 90 Flow rate N NA Did field parameters stabilise? Was the well dry purged? mL/minute Field QC Checks Was pre-cleaned sampling equipment used for these samples? Was pre-cleaning sampling equipment properly protected from contamination? N NA Was documentation of equipment conducted? N Were air bubbles present in vials at time of collection? N NA Was sample for metals field filtered prior to preservations? N NA

Duplicate sample collected?

Rinsate blank collected?

Duplicate sample ID

Rinsate blank ID

N



Rinsate blank collected?

Groundwater - Well Sampling Data Form

Php: DSC00086 (M Job Information depart 16: 20 15:20 Date: Time: Project Name: Project Number: 0224193 Site Location: Sampler: Well ID: Weather: Equipment Water quality equipment description: 11K101262 Interface probe number: (C) Purging equipment: Bailer type: Plastic Teflon (please cirlce) (Peristaltic Submersible Pump type: Micro-purge Amazon Other: Well Gauging and Purge Volume Calculations 100mm 125mm 150mm Casing Diameter 25mm 50mm 200mm 250mm 300mm Volume of water in well / V = Prxrxh Conversion Factor 1.96 0.49 7.85 314 49.1 70.7 V = volume in litres (volume in factor L/m) P = 3.14159 (-) Water level Total Well Depth (=) Water Column (=) 4.17 r = radius in cm h = height of water column in cm m (=)(x) Conversion Factor (=) Litres per 1 Well Volume
(x) 1.96 (=) 8.17 Water Column m(x)Product Thickness: Verified with Bailer: Depth to product: **Water Quality Parameters** 15:50 Beginning purge time: 15:30 Ending purge time: Pump Intake Depth (mbtoc): Cond mS/cm Litres Temp °C Time DO Redox Drawdown Comments <10cm mV mg/L 4139 6.59 18.81 5 45 3.22 4068 19.0 9.0 3 .18 11 LI 3960 LI 4.13 3.25 11 3904 Example Comments: clear / slightly cloudy / turbid / very turbid / no odour / *pH, temp, cond readings not necessary if well is purged dry slight odour / odour / strong odour / drawdown depth **Total Well Volume** 16:00 Sample time Containers used Actual amount of water prior to sampling Flow rate 200 Did field parameters stabilise? Was the well dry purged? mL/minute Field QC Checks Was pre-cleaned sampling equipment used for these samples? N Was pre-cleaning sampling equipment properly protected from contamination? N Was documentation of equipment conducted? NA N (N Were air bubbles present in vials at time of collection? DNA Was sample for metals field filtered prior to preservations? N Duplicate sample collected? (N Duplicate sample ID

RO1-091213-KF

Rinsate blank ID



	Job Information Time: arrive 15:20 depart 16:112										
Date: 10/12/13 Time: arrive 15:20 depart 16:40 Project Name: Symphony Project Number: 0224493											
Project Na	ame: St	puph	on				Projec				
Site Locat	ion: B	sysu	sate				Sampl	er: C .	F.		
Well ID:	BQ-	MW	rp				Weath	er: Fo	me/v	,wa	~~
The state of the s			J. YES			Eq	uipment				
Water qua	lity equipme	ent descrip	ition:	151 11	16101	262	Inte	erface probe	e number:	Now	9 4253 30m
Purging ed (please cir			type:	Plast	taltic	Teflor Subm	ersible	Micro-pu	rge /	Amazon	Other:
West 11 - 12 to	9-11 - The last			We	II Gaugir	ng and P	urge Volu	me Calcu	lations		
Casing Dia	ameter		25mm	50mm	100mm	125mm	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	= Prxrxh V = volume in litres
Total Well		(-) Wate	0.0		=) Water (P = 3.14159 r = radius in cm h = height of water column in cm
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume S-94 m(x) 1.96 (=) — (2 L											
YN											
Depth to product: m Product Thickness: m Verified with Bailer: Water Quality Parameters											
Beginning	purge time:	15	37	Endi	100000000000000000000000000000000000000		inty i circui	iotoro	Pump I	Intake Dep	th (mbtoc):
Beginning purge time: 15:37 Ending purge time: Pump Intake Depth (mbtoc): Litres Time PH Temp °C Cond po mg/L mV Comments Time PH Temp °C Cond po mg/L mV Comments											
1	115:47	4.33	20	337			8.101	0.0	Clar	ides ;	no odow
2	15:48	1).57	103.5	0,0	O.C.		11
3	12:22	4.12	1	0		_	70.0	0.0	549	htly	cloudy no odow
4	16:01	4,16		-		2.13	61.5	0.0	,	×	(3/1
•											0.7
	-								Pip	e ov	erflowing.
										V 20 JUN 100	
	*p	H, temp, co	nd readings	s not neces	sary if well i	is purged di	y Examp	ole Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
		tal Well Vo		ior to samo	lina		Sample	time	6:05	_ Conta	iners used 8+8
160	c Flo	w rate /minute	o			eld param	eters stabilis	se? 🕥	N NA		well dry purged? Y N
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?											
	ubbles pres				n?		,	N NA	-		
	le for metals						6	N NA			
Duplicate s	sample colle	ected?						(N)	Duplica Duplica	ate sample	ID
Rinsate bla	ank collecte	d?					7	N		e blank ID	RØ1-101213_KF



						Job	Informatio	on				
Date: 10 /12/13 Time: arrive 08:00 depart 09:700 Project Name: Symphony Project Number: 0224493												
Project Na		Jugh	ony				Projec					
Site Locat	tion: Ba	4500	ater					ler: K.				
Well ID:	BQ_						Weath	ner: Fiv	e, V.	war	n	
	alony (Ec	uipment					
Water qua	ality equipme	nt descrip	tion: 4	SI IIK	1012	62	Int	erface prob	e number:	NS	iw 4253 30m	
Purging e	quipment:	Bailer	type:	Plastic		Teflor	1					
(please ci	rlce)	Pump	type:	Perist	altic	Subm	ersible	Micro-pu	rge i	Amazon	Other:	
	AND THE RES			Well	Gaugi	ng and P	urge Volu	ıme Calcu	lations			
Casing Di	ameter	A REVIOLE	25mm	50mm	100mm	The second second	1	200mm	250mm	300mm	Volume of water in well / V	
Conversio	n Factor	-	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 (x) Conversion Factor (=) Litres per 1 Well Volume (x) Conversion Factor (=) Litres per 1 Well Volume												
Desired		00	2.5		NOT THE OWNER OF THE OWNER		ality Parar	neters	E HOLLON			
	purge time:	00.					8:47	7. 			th (mbtoc):	
Litres	Time	PH	Temp	°C Co	/cm	DO mg/L	Redox mV	Prawdown <10cm		omments	.4ppm	
- 1	0830			6 600	04 -	7.26	49.5	2.05			cloudy, no odow	
2	03:36	7.26		6 64		6.27	47.4	2.03		11		
3	03:41	7.28	,,,,,	-		5.79	46.4			1.	((
4	08:47	7.27	20.1	1 68	25 5	1.25	45.7	2.07		10	I_{ϵ}	
			-							_		
							1-				V 10 1017 V 1017 V	
	*pF	l, temp, con	d readings	not necess	ary if well	is purged d	Exam	ple Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth	
		al Well Vo		or to campli	na		Sample	time _O	8:50	_ Conta	ainers used 8+8	
110	7) Flo	w rate	or water price	i to sampii		old param	otore etabili	202 V	N NA			
Did field parameters stabilise? N NA Was the well dry purged? Y N												
Field QC Checks												
Was pre-cl	leaned samp	ling equip	ment used	for these	samples	s?	(YN				
	Was pre-cleaning sampling equipment properly protected from contamination?											
	mentation of	20 10						Y N NA	<u> </u>			
	ubbles prese							Y (N) NA	1		ad 101213 KF	
5-2-7- 50-V-0-0-0-1-0-0-1-0-1-0-1-0-1-0-1-0-1-0-	le for metals		ed prior to	preservat	ions?			Y) N NA			TØ1-101213_KF	
	sample collected						C	YN		ate sample e blank ID	D	



A V - Way Elycon													
	1-11013												
Date:													
Project Na	ame: 5	Symph	ony			Projec	t Number:	022	4193				
Site Locat	ion: B	aysu	ale			Samp	ler: K	F					
Well ID:	BG	2-Mu	213			Weath	er: F	ne +	warm	2			
	a divine lin				E	quipment							
Water qua	lity equipme	nt description	n: USI	IIKa	1262	Inte	erface probe	number:	NSU	0 4253 30m			
Purging ed	quipment:	Bailer ty	pe: I	Plastic	Teflo	n							
(please cir	ice)	Pump ty	rpe:	Peristaltic	Subn	nersible	Micro-pur	ge A	Amazon	Other:			
d life in the	SEE A TEL		PANESA DE	Well Gau	ging and F	Purge Volu	me Calcul	ations					
Casing Dia	ameter	2	5mm 50r	mm 100n		Lapson Transmitted		250mm	300mm	Volume of water in well / V			
Conversio	000 00000000			96 7.8		17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres			
	(volume in factor L/m)												
6.73 m (-) 3.60 m (=) 3.13 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													
		/							V				
Depth to product: m Product Thickness: m Verified with Bailer: Y N													
					Water Qu	ality Parar	meters		(OLD PARK)				
Beginning	purge time:	14:1	0	Ending purg	ge time:	4:31		Pump I	ntake Dep	th (mbtoc):			
Litres	Beginning purge time:												
1	14:16	6.52	21.7	4400	1.55	29.5	3.69	Slight	ty cho	udy, no odor			
2	14:21	659	21:7	4305	1.17	26.5	3.73			`(
3	14:26	6.71	21.6	4256	1.16		3.73			7~			
4	14:31	6.73	21.4	4174	0.81	23.9	3.68		h				
	*pF	H, temp, cond	readings not i	necessary if w	ell is purged o	dry Exam	ple Commer			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
		al Well Volu				Sample	time 14	:35	Conto	ainers used 3			
419	Flo	ual amount of w rate /minute	water prior to		d field paran	50040500		-[1		well dry purged? Y N			
Was pre-cleaned sampling equipment used for these samples?													
	Was pre-cleaning sampling equipment dised for these samples: Was pre-cleaning sampling equipment properly protected from contamination?												
1550	9573 - 3	1 150 151.01	50 (151) S	y protected f	rom contam	mation?	{	T					
	mentation of					(y N NA	-					
	Were air bubbles present in vials at time of collection? Was sample for metals field filtered prior to preservations? Y N NA												
			prior to pre	servations?			N NA]					
Duplicate s	sample colle	ctea?					YN	Duplica	ate sample				



							100					
			AND WAR		EV.		Job Inf	ormatic	n	The state of		
Date:	17	2.12.1	3					Time:	arrive	75	0	depart 9 75
Project	Name:	Syr	phor	$\overline{}$				Projec	t Number:	02	7419	3
Site Loc	cation:	A	714	nkr	8			Samp	ler:		rans	Ĭ-
Well ID:		R	Q _ N	14/14				Weath	er:	Fine		
GUNC -	-			1382		Taller.	Faul	pmont	e la		-aluvatr	
Water q	uality equ	ipment de	escription	90 -	FLM	WU		pment	erface prot	e number	SYN	3954 60m
Purging	equipme	nt:	Bailer typ		Plastic		Teflon	KI.	- 31		- 1.10	3/3/ 00-4
(please			Pump typ		Perist		Submer	sible	Micro-po	irae	Amazon	Other:
100 THE 141			, amp typ	Um Si iii mini	_						Amazon	Other.
R. J. III					Well	Gauging	and Pur	ge Volu	me Calci	ulations		
ASSESSMENT OF THE PARTY.	Diameter		25r		mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V
	sion Factor factor L/m)	or	0.9	98 1	.96)	7.85	31.4	49.1	70.7	125.7	196.3	V = volume in litres P = 3.14159
	ell Depth m	(-) Water (-) 1.22	r level (=) m (=)	Water Co	olumn T m	(x) Conve	rsion Facto	/		Vell Volum	V	r = radius in cm h = height of water column in cm
Depin	o product.	76		The Park	r roda.					med with E	valler.	7 100 E 10 100 E 100 E
Ania		2) 17				ter Qualit	ty Parar	neters		_	
2150	ng purge	1	314			g purge tin	-		- deleti			
Litres	Time	PH	Temp °C	Cond mS/cm	DC					C	omments	
1	817	6.57	19.5	9.84	0.8		3 1.530	BI	own L	chil	- 1	lo odon
2	920	6.34	193	8.92	6.					07.5.01		<u> </u>
3	823	610	193	8.43	0.4	5 -46						
4	826	12.153	101		0.84	/	1.750					
5	830	12.04		7.81	1.16	Total Control	1.340	0 1	Lentine	1	11. 1	H sense
6	823	11.30		7.71	1.30		1.980		MINION	Fau	13 P	A SENTE
7	121	1167	20.0	7.70	1 1	7 23	7.070					
Q	839	11.53	20.0		1.1	0						
0	221	11.55	20.0	7.67	1.4	1 10	2.120	/-			-	
							13	+				701
		*pH, ten	np, cond re	adings not	necessa	ary if well is	purged dry	Exam	ole Comme	ents: clear	/ slightly clor	udy / turbid / very turbid / no odour /
(7		ell Volum			7			8	45		01/9+8
)	Actual ar		ater prior to	samplir	ng		Sample	time	1)	_ Conta	iners used \(\sum_{1}^{2} \sum_{1}^{3} \)
~	300	mL/minu			1	Did fiel	d paramete	ers stabili	se?	N NA	Was the	well dry purged? Y N
- W			ASTRICT.				Field QC	C Check	s	Pr	Senso	questionable?
Nas pre	-cleaning	sampling	equipme	nt used fo	r these	samples?)	0	N	•		100111111111111111111111111111111111111
Vas pre	-cleaning	sampling	equipme	nt properly	y prote	cted from	contaminat	ion?	N			
Nas dod	umentatio	on of equi	pment co	nducted?					NN	A		00.1
		present in			lection	?			Y DI NA			1 santa
		etals field							NN	200		
		collected'				racification) N		ate sample	9 Sungho
1.4	blank coll								ON	1950	e blank ID	ROI-121213-
	sampling data form.						gt 15.		IN	Killsal	e biatik ID	158



	Job Information Date: 10/12/13 Time: arrive @9:40 depart 10:35										
1972											
Project Na		'		1		Projec	t Number:	027	1419	3	
Site Locat	tion:	Bay	swater			Samp	ler: K	<i>-</i> .			
Well ID:	BQ-1	Ew-1	Mwd			Weath	ner: Fin	e/V	wan	m	
			10.1-17		Е	quipment					
Water qua	ality equipme	ent descript	tion: 45/	IKU	01262	Int	erface probe	number:	NSW	4253 30m.	
Purging e (please ci		Bailer Pump		Plastic Peristaltic	Teflo Subr	n nersible	Micro-pu	rge /	Amazon	Other:	
				Well Gau	ging and I	Purge Volu	me Calcu	lations			
Casing Di	ameter		25mm 50	mm 100m	nm 125mr	n 150mm	200mm	250mm	300mm	Volume of water in well / V	
Conversio (volume in fac			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 level (=) Water Column r = radius in cm 6.660 m (-) 0.540 m (=) 6.67 m h = height of water column in cm										
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 6.(2 m (x) (=) 12 L											
Y											
Depth to product: m Product Thickness: m Verified with Bailer: Water Quality Parameters											
Reginning	purge time:	09		Ending purg		Par = ZAA STA	neters	Pump	Intake Der	oth (mbtoc):	
Litres	Time	PH	Temp °C	Gond	DO	10:17 Redox	Drawdown	20000000	omments		
	i1	1 12	101	mS/cm	mg/L	mV	<10cm	PU		oppn	
0	20:01	7.23		4818	4.60	24.4	0.60	Sligh	thy !	cloudy no oclow	
2	10:06	7.29	19.9	4746	3.22	25.4	0.62		15	4	
3	10:11	7.31	19.8	4663	2.05	25.2	0.63		11		
4	10:17	7.3	19.4	4541	1.24	23.1	0.64	1	C .	1 6	
					,						
			-								
							×			x)	
	*p/	H. temp. con	d readings not	necessarv if w	ell is purged o	dry Exam	ple Comme			oudy / turbid / very turbid / no odour /	
		al Well Vo	<u> </u>			5	time 10	300		our / strong odour / drawdown depth	
- 00	Flo		of water prior to	sampling		Sample	time 10		_ Conta	ainers used	
Flow rate mL/minute Did field parameters stabilise? N NA Was the well dry purged? Y N											
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 b	ubbles prese	ent in vials	at time of coll	lection?			Y N NA				
Was samp	le for metals	field filtere	ed prior to pre	servations?		C	Y N NA				
Duplicate s	sample colle	cted?					YN	Duplic	ate sample	e ID	
Rinsate bla	ank collected	1?					YN	Rinsat	e blank ID		



					Job	Informatio	n		No.	
Date:	10/1	2/13				Time:	arrive	11:00)	depart 12:05
Project Nan			pro			Projec	t Number:			
Site Location	on: Ve	Bayon	ater			Sampl	Denne Denne	_		
Well ID:	BO	Bayon 2-Ew	- Ma	0\$2		Weath	er: E	me/	rery	wam
FE IND IN					E	quipment		V. 1. 1. 1.		
Water quali	ity equipme	ent description	on: 451	likid	262	Inte	erface probe	e number:	Mu	24253 30m
Purging equ (please cirlo		Bailer ty Pump ty		Plastic	Teflo Subn	n nersible	Micro-pu	rge A	Amazon	Other:
		F. M. N.		Well Gaug	ging and F	urge Volu	me Calcu	lations		
Casing Diar	meter	2	5mm 50	mm 100m	m 125mn	150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion (volume in factor		3	0.49 1.	96 7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres
		(-) Water	level	(=) Wate	er Column					P = 3.14159 r = radius in cm
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										
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume m (x) 1.96 (=) 1.2 L										
Depth to product:m Product Thickness:m Verified with Bailer:N										
Water Quality Parameters										
Beginning purge time: 11/17 Ending purge time: 11:34 Pump Intake Depth (mbtoc):										
Ending purge time:										
1.0	11:13	6.50	20.6	5645	3.40	37.3	8.71	Cleo	VINO	odow-
2	11:23	6.55	10.3	5604	2.29	35.9	8.71	CI		i t
3	11:28	6.55	204	3654	1.56	35.4	8:72	. (· · ·
4	11:34	0 -	20.4	5661	1.10	34.5	9.71	l	i i	Li
1							-0			
										2
	*pi	H, temp, cond	readings not	necessary if w	ell is purged o	lry Exam	ple Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
		tal Well Volu		sampling		Sample	time 11	:40	_ Conta	niners used
Actual amount of water prior to sampling Actual amount of water prior to sampling Flow rate mL/minute Did field parameters stabilise? Y N NA Was the well dry purged? Y N										
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 bul		25 - 25 20-24 - 201774-		ection?		,	Y N NA			
Was sample							Y) N NA			
Duplicate sa			autor menter d'id¶ió ₹				Y (N)		ate sample	ID
Rinsate blar	165					ļ.,	YN	35	e blank ID	



					i Suni?	Job	Informatio	on			
Date: 10/12/13 Time: arrive 12'.15 depart 13'.45 Project Name: Symphony Project Number: 0224193 Site Location: Baywates Sampler: K.F.											
Project Na	ame: S	ymp	hony				Projec	ct Number:	022	4193	r.
Site Locat	ion:	Bar	prost	es .			Samp	ler: K	F.		
Well ID:	BQ-	EW_	- MW	\$3			Weath	ner:	SF	ine/v	.warm
						E	quipment			A Third	
Water qua	lity equipme	nt descrip	tion:	451	11401	262	Int	erface prob	e number:	150	J 4253 30m
Purging ed		Bailer	type:	Plast	ic	Teflo	n				0
(please cir	rice)	Pump	type:	Peris	taltic	Subn	nersible	Micro-pu	rge /	Amazon	Other:
				Wel	II Gaugir	ng and F	Purge Volu	me Calcu	lations		
Casing Dia	ameter		25mm	50mm	100mm	125mn	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	V = volume in litres
		(-) Wate	r level	(=	=) Water	Column					P = 3.14159 r = radius in cm
Total Well Depth (-) Water level (-) Water Column (-) Mater Column (-) Litres per 1 Well Volume											
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) Litres per 1 Well Volume											
Depth to product: m Product Thickness: m Verified with Bailer: YN											
Water Quality Parameters											
Beginning	purge time:	12	:38	Endir	ng purge t	time: []	3:05		Pump I	ntake Dep	oth (mbtoc):
Litres	Time	PH	Temp	c rys	ond S/cm	DO mg/L	Redox mV	Drawdown <10cm	ED	omments	0.3ppm
05	12:45	6.64	24.8	63	30 "	2.41	145	9.63	clea	Sulp	ohur odour
1	12:53		0		73	85.5	440.9	9.64	lı	,	t.
1.5	12:59	6.74	25.8	70	87 9	2.34	-123.8		()	-	(1
2	13:05	6:77	25.8	75	568 2	2.06	-120.4			اد	Ce
			VI.								
						1	*			3	
	*pF	H, temp, con	nd readings i	not neces	sary if well	is purged o	dry Exam	ple Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
		al Well Vo	lume of water prio	or to samp	lina		Sample	time 1	5:10	_ Conta	ainers used
23	Flo کا	w rate minute	T			eld paran	neters stabili	se?	N NA	Was the	well dry purged?
				1.0248		Field	QC Check	(S			
Was pre-cleaned sampling equipment used for these samples?											
Was pre-cleaning sampling equipment properly protected from contamination?											
Was documentation of equipment conducted?											
	ubbles prese	S. F.			n?			Y (N) NA	-		
	le for metals						(Y) N NA	-		
	sample colle		er en en en en en en el en	and the second s				Y W	Duplica Duplica	ate sample	e ID
Dinacta El-	- داممالمم باسد	10						10	Dine	a blank ID	



	12 24 6	Sallo F	7 19 W. V		Job	Information	on	Ng Na S			
Date:	2	0-12	13			Time:	arrive	07	745	depart 915	
Project N	ame: 5	Minac	show			Projec	t Number:	(723	24193	113	
Site Loca	ition: B	mys.	i_ter.	-Rower	Mark	Samp	ler: 5,		+	J-6	
Well ID:	BR.	0	NOI		, ,,	Weath	ner:	ine	F	Smy	
				In the Wall St.	E	quipment			// deft (111)		
Water qu	ality equipme	nt descript	tion: 45	I - MWO		1	erface prob	e number:	50/	WA 55/91	
Purging e (please c	equipment: irlce)	Baile Pump	5.50	Plastic Peristaltic	Teflo Subn	n nersible	Micro-pu	ırge	Amazon	Other:	
	- John Stoll		iego za	Well Gau	ging and F	Purae Volu	me Calcu	lations			
Casing D	iameter		25mm 5	0mm 100n	General Section 1		200mm	250mm	300mm	Volume of water in well / V	
Conversion	on Factor		un 1990	1.96 7.8	200 COST	17.7	31.4	49.1	70.7	= Prxrxh V = volume in litres	
(volume in fa	l Depth	(-) Wate	r level	(=) Wat	er Column	. acstac	135500000	2090 020	154556	P = 3.14159 r = radius in cm	
	50 m	(-) _2	-8-75)	_ m (=) ^	22	_m	7.1.			h = height of water column in cm	
	Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 1										
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	mS/cm	DO mg/L	Redox mV	Drawdown <10cm	, ,	comments	1 1	
İ	0824	5.22	23.7	6974	4.10	40.6	(No	Slig	hthy c	ody no odow	
2	0830	6.46	23.1	7268	1.21	7.5	1	J			
3	0835	6.46		7288	1.37	5.6)				
4	840	6.48	23.0	7296	1.09	4.3	_	Sa	mple	e taken.	
-									/		
100											
KI I								-			
							1				
		W.O.Yo.Til. Download L-201010				Evam	nle Comme	nte: clear	/ slightly clo	oudy / turbid / very turbid / no odour /	
	*pF	l, temp, con	d readings no	t necessary if w	vell is purged o	dry Lxaiii	pie Comme	slight	odour / odo	our / strong odour / drawdown depth	
4		al Well Vo	lume of water prior	o sampling		Sample	time	848	_ Conta	ainers used9	
~2	rlo	w rate	A fictor prior		d field person	otors stabil	co2 (Y)	N NA	Mas the	well dry purged?	
mL/minute Did field parameters stabilise? Y N NA Was the well dry purged? Y V											
Field QC Checks											
Was pre-c	cleaned samp	ling equipr	ment used f	or these samp	oles?		Ø N				
Was pre-c	leaning sam	oling equip	ment prope	rly protected f	rom contami		Ø N	_			
Was docu	mentation of	equipment	t conducted	?		1	& N NA	4			
Were air b	oubbles prese	ent in vials	at time of co	ollection?			Y (N) NA	4		F 2	
Was samp	ole for metals	field filtere	ed prior to p	eservations?		C	N NA	A			
Duplicate	sample collec	cted?					Y 00	Duplic	ate sample	Ola Zala Tr	
Rinsate bl	ank collected	?			*6	/	Y	Rinsat	te blank ID	RO1_2012_JG	



新房 64					Job II	nformati	on						
Date:	Date: 14.12.13 Project Name: Symphony Site Location: Dazwater - Ravenguath Sampler: S. C. + J C.												
Project N	Name: S	Jamph	nony			Proje	ct Number	- 1		?			
Site Loca	ation:	Jane !	ater - R	gavergu	orth	Samp	oler:) · (- II	TH			
Well ID:	Bus	AM	your 1	BR_MV	105	Weat	ner:	Fin	P +	Sunn			
			Mire Plane Sta	He ship extent			A SOUTH AND IN	No. 100		, my			
Water qu	ality equipm	ant descrip		10.11	7	uipment							
1000			/ 1/1	L-MW	2-84	2 Int	erface pro	be number	501	inst			
Purging 6 (please c	equipment: cirlce)	Bailer	type:	Plastic	Teflon								
		Pump	type:	Peristaltic	Subme	rsible	Micro-p	urge	Amazon	Other:			
				Well Gaug	ing and Pu	rae Volu	me Calc	ulations					
Casing D	iameter		25mm 60	0mm 100mn		150mm	200mm	250mm	300mm	NAME OF THE PARTY			
	on Factor			96 7.85	12.3	17.7	31.4	49.1	DIVEY-O.	Volume of water in well / V = Prxrxh			
(volume in fa Total Well	Superior (IV)	(-) Wate	A STATE OF THE STA	(=) Water	, yesees	11.1	31.4	49.1	70.7	V = volume in litres P = 3.14159			
33.7	799	n (-)	0.154	_m (=) <u>/3</u> ·	645	m				r = radius in cm h = height of water column in cm			
	Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) 13.645 (=) (=) (=) (=) (=)												
Depth to product: m Product Thickness: m Verified with Bailer: Y N													
Water Quality Parameters													
Beginning purge time:													
Litres	Litres Time PH Temp °C Cond DO Redox Drawdown Comments												
	mS/cm mg/L mV <10cm Comments												
0.5	1766	8.49	23.9	2700	-	70.1		Derch	961	ey brown hobid			
10	1765	8.54	77.8	7697 0		1/3.1		lug	ter.				
1.5	1710	3.62	22.3	2762 0		2285							
2.6	1715	3.62	22.1	2770 0	1.37 -	731.5		Dark	float	my Glotches of			
2.5	1720	3.61	27.1	7772 6	1.34 -	-234.5		Unt	Crown	my blotches of makeral			
								-					
										8.7			
	*pH	l, temp, cond	readings not r	necessary if well i	is puraed dry	Examp	le Comme	nts: clear / s	slightly cloud	dy / turbid / very turbid / no odour /			
2		al Well Volu			o pargod ary			slight o	dour / odou	r / strong odour / drawdown depth			
2.		al amount of	water prior to :	sampling		Sample	ime	7 20	Contair	ners used			
100 m	TEXT 15	w rate minute		Did fie	eld paramete	rs stabilis	e? Q N	NA NA	Was the w	vell day purgod2 V M			
less to the	mL/minute Did field parameters stabilise?												
Field QC Checks													
	/as pre-cleaned sampling equipment used for these samples?												
	as pre-cleaning sampling equipment properly protected from contamination?												
	is documentation of equipment conducted?												
Vere air bu	bbles preser	nt in vials at	t time of colle	ection?		Y	NA NA						
Vas sample	e for metals	field filtered	prior to pres	ervations?		Ø	N NA		(3.1				
Ouplicate sa	ample collec	ted?				Y	(N)	Duplicat	e sample II	o			
Rinsate blar	nk collected?	,				1	N	D)		×			



					Job	Informatio	n					
Date:	19.1	2.13			6. T	Time:	arrive	1530	2	depart		
Project Na	ame: Sy	n pho	ny			Projec	t Number:	022	4193			
Site Locat	tion: Bai	15 wat	7 -	Raversh	1011	Sampl	er: 5 (٢	1.5		
Well ID:	BR-MY	NO6				Weath	er: =	The	r	Sinny		
n.s.m		William Control			Ec	quipment						
Water qua	ality equipme	nt descrip	tion: 15	I-Mh	10-84	2 Inte	erface probe	number:	Solms	7 55/91		
Purging ed (please cir		Bailer, Pump	Section and the section of the secti	Plastic Peristaltic	Teflo Subn	n nersible	Micro-pur	ge	Amazon	Other:		
			(Well Gau	ging and F	urge Volu	me Galeul	ations				
Casing Dia	ameter		25mm 5	0mm 100m	m 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	V = volume in litres P = 3.14159		
Total Well	Depth	(-) Wate	r level + 2 78 Water 0	m (=) Column	(x) Conve	_ m rsion Factor	(=) Litres	oer 1, Wel	l Volume	r = radius in cm h = height of water column in cm		
			()	~7_	n (x)1	176	(=)	~14	L			
Depth to product: m Product Thickness: m Verified with Bailer: Y N												
Water Quality Parameters												
Beginning purge time: Ending purge time: Pump Intake Depth (mbtoc):												
Beginning purge time: Litres Time PH Temp °C Cond mS/cm mV Pump Intake Depth (mbtoc): Comments Comments												
1	1542	7.88	27.4	1	1.76	-128.8	_	0 0	en . h	rsid moodar		
2	1550	7.81	27.4		0.99	7129.7	_	1) /	11 11		
3	1555	7.73	27.3	25478	1.64	-126.7	-	1.		18 21		
4	1600	7.71	27.3		1.58	-176.7	-	50	mole	faller		
<u> </u>									1	Lance Control		
										1		
										A :-		
										No -		
	*p	H, temp, coi	nd readings n	ot necessary if w	vell is purged o	dry Exam	ple Comme	nts: clear slight	/ slightly clo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
4		tal Well Vo	olume of water prior	to sampling		Sample	e time	603		ainers used		
~2		w rate /minute	AV-1410.IL.LAL	Di	d field paran	neters stabil	ise?	NA NA	Was the	e well dry purged?		
	Field QC Checks											
Was pre-cleaned sampling equipment used for these samples? N												
TOTAL CO.	Was pre-cleaning sampling equipment used for these samples: Was pre-cleaning sampling equipment properly protected from contamination?											
	Was pre-cleaning sampling equipment properly protected from contamination? Was documentation of equipment conducted? N NA											
	oubbles pres						Y N NA	4				
575-00				reservations?		C	N NA		/			
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	sample colle		ne-en p#1.500000000005.5 \$				Y (N)	 Duplic	cate sampl	e ID		
	ank collecte						YN	Rinsa	te blank ID			



Date: 1 Q	12 - 1	2			JOD II	Time		111 -1	C	denart IC > 7 A			
Date: 19 12 13 Time: arrive 14:15 depart 15:20 Project Name: Symphon Project Number: 0224193 Site Location: 3 Sampler: 70													
Project Name: Symphon: Site Location: Bays water Well ID: BT_mwo1 Project Number: 0224195 Sampler: JW Weather: Summy													
Carrier and the same	T mi	1	cer			- 20		nn	5.				
				V Savi	Eat	uipment	Ud minds						
Water quality e	quipment desc	cription:	irme	690	PCI	12/1/	erface prob	e number:	Air	met NSW 4254			
Purging equipm (please cirlce)		iler type: mp type:	Plastic Perista	Itic	Teflon Subme	ersible	Micro-pu	rge	Amazon	Other:			
			Well	Gaugin	g and Pu	ırge Volu	ıme Calcu	lations					
Casing Diamete	er	25mm	50mm	100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversion Factor L/m		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 (-) Water level (=) Water Column $r = radius in cm$ $13 \cdot 14 m (-) 11 \cdot 068 m (-) m h = height of water column in cm$													
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume													
m (x) (=) L													
Depth to produc	ot:	m	Product	Thickne	ss:	m	Veri	fied with B	sailer:				
				Wa	ater Qual	lity Parai	meters						
Beginning purg		:30		purge tii			*	-		oth (mbtoc):			
Litres Ti	ime PH	I Temp	o°C Cor mS/d		DO mg/L	Redox mV	Drawdown <10cm	С	omments				
1.0 14	:35 10.0	* CK		1 2	-18	91	11-33	clar	rdy.	strong organic	oden.		
2-0 14:	38 9.4	7 20-	9 5.4	2 2	69	19	11.41		as '	whome			
3.0 14:	428.9	3 20.	2 4.9	3 3.	411	108	11.52		as	abone.			
	:45 8-0	3 20	2 4.7	3	13 1	09	11-61		as	abone			
5-0 14	49 8.0	1 20-			10 1	10	11-63		an	Mone			
	54 7.9	V		4	16 1	113	11-64		an	wone.			
7.0 14	,597.9	17 20	9 4-7	6 3.	14 1	13	11.66		as	abone.			
				_									
	*oH temp	cond reading	s not necessar	rv if well is	s puraed dry	Exam	ple Comme			oudy / turbid / very turbid / no odour /			
	Total Well		o not necessar	<i>y </i>	, parged ary		10			our / strong odour / drawdown depth			
	Actual amou		rior to samplin	g		Sample	e time 15	703	_ Conta	ainers used			
250	Flow rate mL/minute			Did fie	ld parame	ters stabil	ise? Y	N NA	Was the	e well dry purged? Y N			
					Field C	QC Check	ks						
Was pre-cleane	d sampling eq	uipment us	ed for these :	samples?	?	(YN		4 X	c vials.			
Was pre-cleaning	ng sampling ed	uipment pr	operly protec	ted from	contamina	ation?	N		ix	netass			
Was documenta	ation of equipm	nent conduc	ted?			8	Y N NA		3 >	retals comber.			
Were air bubbles present in vials at time of collection?													
Was sample for metals field filtered prior to preservations? N NA													
Duplicate sample	le collected?						YN	Duplic	ate sample	e ID			
Rinsate blank co	ollected?						YN	Rinsat	e blank ID				



						Job I	nformatio	on			
Date: 4	4/12/13					0.502.05.0	Time:	384011	08:55		depart 10:05
	ame5 MP	hony					_	ct Number:	100101111111111111111111111111111111111		# 1805550
Site Local	tion: Bay	Sidator					Samp	2.1			
Well ID:	Bil-Mi						Weath		e, hot		
-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-		Fa	uipment				
Water qua	ality equipme	ent descript	ion:	45	I	Ly		erface prob	e number:	540	3954
Purging e (please ci	quipment: rlce)	Bailer Pump	12.5	Plast	tic	Teflon	ersible	Micro-pu	ırge	Amazon	Other:
				We	II Gaugi	ng and Pi	urae Volu	me Calcu	lations		
Casing Di	ameter		25mm	50mm	100mm	The state of the s	150mm	200mm	250mm	300mm	Volume of water in well / V
Conversion	on Factor		0.49	(.96)	7.85	12.3	17.7	31.4	49.1	70.7	= Pr x r x h V = volume in litres
Total Well Depth (-) Water level (=) Water Column (x) Conversion Factor (=) Litres per 1 Well Volume V = Volume in factor L/m) V = Volume in factor L/m P = 3.14159 r = radius in cm h = height of water column in cm											
				6.595	m	(x)	16	(=) <u>10</u>	: 966	L	
Depth to p	oroduct:		m	Prod	uct Thickr	ness:	m	Veri	fied with B	ailer: Y	NA
Di Ti	, T.W.				٧	Vater Qua	litv Parar	meters			
Beginning	purge time:	09:15	<u></u>	Endi	ng purge	Server County of the Total Co		16,53331.75	Pump	Intake Dep	th (mbtoc): 9.5
Litres	Time	РН	Temp	∘c c	ond S/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments	cap not on fight
1	09-22	5.16	23-7	5 22	936	0.23	157.1	5:050	Clou		ight sulfir odour
2	09-29	5-09		1	3923	0.23	180.6	5.330	11	"((((
3	09.36	5.09	23.	W 200	3768	0-19	161-8	5.680	(1)	Ce	· · · · ·
4	09:42	5.10	23.	4 2	37/2	0-16	145-6	5-895	Cloud	y 6010	ming closer slight sulfrad
5	09:49	5.11	23.	4 2	3676	0.15	136-8	6.105	-1	x - 5/10	111111111111111111111111111111111111111
	5									1 0	1
	,,,,,,						Even	nla Carrer	nto: eleas	oliobile -!-	udu/turbid/user/turbid//
		H, temp, con	d readings	not neces	sary if well	is purged dr	y Exam	pie Comme		odour / odd	udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
5L	- To	tal Well Vol		or to same	oling		Sample	time 🧐	:55	_ Conta	4+ 40mL H-504 Vials ainers used 3×100mL amberglass × OKC ultratrace metal
5L ~141	Flo mL	w rate /minute	ě.	35	Did f	ield parame			N NA		well dry purged? Y
				PIN		Field (QC Check	(S			
Was pre-c	leaned sam	pling equipr	ment used	d for thes	e sample		/	(V) N		Period and	The state of the s
	leaning sam						ation?	N (V			
Several year	mentation of			1.57.5				N NA	A		
	ubbles pres				in?			Y W NA	-		
	le for metals						1	Y) N NA	1		
Duplicate :	sample colle	ected?						Y (N)	ب Duplic	ate sample	e ID
Rinsate bla	ank collecte	d?						YM	Rinsat	e blank ID	



LIVIVI													
	Job Information												
Project Na	ame: Pro	rect Su	moho	NA			Projec	t Number:	0241	33			
Site Locat	0	1	7	9					1				
Well ID:	BU-ME	N082	Ši.				Weath	ner: Over	rast.	showe	5		
P. Phys.		GENERAL TO				E	quipment	THE STATE OF		William			
Water qua	lity equipme	ent descripti	on:					erface prob	e number:				
Purging ed (please cir		Bailer t	5.5%	Plast	7	Teflo	n persible	Micro-pu	irge	Amazon	Other:		
	Well Gauging and Purge Volume Calculations												
Casing Dia	Casing Diameter 25mm 50mm 100mm 125mm 150mm 200mm 250mm 300mm Volume of water in well / V												
	onversion Factor 0.49 (1.96) 7.85 12.3 17.7 31.4 49.1 70.7 V = volume in litres												
Total Well	otal Well Depth (-) Water level (=) Water Column reading in cm (x) Conversion Factor (=) Litres per 1 Well Volume Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) 12-014 (=) Water Column in cm Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (=) 12-014 (=) Water Column in cm												
Depth to p	roduct:	r	n	Produ	ct Thic	kness: _ -	m	Veri	fied with B	ailer:	, A		
						Water Qu	ality Parai	neters					
Beginning	purge time:	15:56		Endi	ng purg	je time:	0:24		Pump l	Intake Dep	th (mbtoc):		
Litres	Beginning purge time: 15:56 Ending purge time: 16:24 Pump Intake Depth (mbtoc): Litres Time PH Temp °C Cond mS/cm mV Pump Intake Depth (mbtoc): Comments												
1	16:01	5.56	20.6	- 18	1038	7.25	114	5.050	clard	y to c	lear, no odan		
2	16:05	5:48	20.6		521	7.38	175.2	5.420	Clou	dy to a	dear no odan		
3	16:12	5.55	20.6	1	101	7.58	171-3	5.8%	Chad	To de	ear, sulfur about.		
3.5	16:16	5.56	20.6		159	7.53	170.6	5.970	Claud	100	lew suffoodow.		
4-0	16:20	5-57	20-6	0 17	226	7-56	168.3	6-055	a	1 C	lear sallydon		
4.5	16:24	5.57	20.6	17	234	7.58	165-1	6.200	Clea	V 54	Her odour		
			4							1	d.		
											AL.		
	*pl	H, temp, cond	l readings n	ot neces	sary if w	ell is purged o	ery Exam	ple Comme			udy / turbid / very turbid / no odour /		
1.	/ Tot	al Well Vol	umo					1/ 7		odour / odo	ur / strong odour / drawdown depth		
Manas	Acti	ual amount of w rate /minute		to samp		d field paran	Sample neters stabili	time 16:	N NA	Conta 1 × 1 Was the	iners used 3x com Ambers orc whethere wetals well dry purged? Y		
	EDWINE.			rovic		Field	QC Check			12/3/190	CONTROL OF STREET		
Was pro-of	eaned samp	olina equipa	nent used	for thee	a camp			D N	tte/t_t		terror and an extra processing which		
		E 2 5				rom contami	, <u>-</u>	Ø N					
	eaning sam				ected fi	om contam							
	ubbles prese				12			Y N NA					
	le for metals						1	N NA	-				
) TO A STEERING CONTROL OF THE STEERING CO.	sample colle		a prior to p	71 GOG! VE	10115			y Killy	1	ate sample	ID.		
A CONTRACTOR OF THE CONTRACTOR	ank collected							V A	123	ate sample o blank ID			



					Job	Informatio	n						
Date: 2	Date: 29 11 13 Time: arrive 1500 depart Project Name: Project Symphony Project Number: 0224193												
Project Na	ame: Pr	rect S	mohon	1		Projec	t Number:	ourt	193				
Site Locat	Us.	Swarter)		Samp	ler: N. F	1					
Well ID:	/	103				Weath			Shave	3			
					E.	u inmont	010	1001,	Shaw	V 3			
Water qua	lity oquipm	ent descripti	on: 14	04	E	quipment	orfood prob	o number	Cun	2011			
200.000.000.000				SI			erface probe	e number.	240	3759			
Purging ed (please cir		Bailer t	5.0	Plastic	Teflo					April 2			
		Pump t	ype: (Peristaltic	Subm	nersible	Micro-pu	rge /	Amazon	Other:			
Well Gauging and Purge Volume Calculations													
Casing Diameter 25mm 50mm 100mm 125mm 150mm 200mm 250mm 300mm Volume of water in well / V = Pr x r x h Conversion Factor 0.49 1.96 7.85 12.3 17.7 31.4 49.1 70.7 V = yolume in litres													
Conversio		2	0.49	49.1	70.7	V = volume in litres							
Total Well		(-) Water	level	(=) Wate	er Column				h-	P = 3.14159 r = radius in cm			
10.2	00 r	n (-) <u>5·</u>	A CONTRACTOR STATE	_m (=)	1305	_m	/=\	1 \A/-!!	Values	h = height of water column in cm			
			Water Co	805 n	n (x) Conve	rsion Factor	(=) Litres	9.418	volume L				
Depth to p	roduct:	r	n	Product Thic				ied with B	ailer: Y	N			
							STANSON T						
		-			Water Qua	de la company	neters						
	purge time:	13.10	I	Ending purg		5:35	D	200		oth (mbtoc):			
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm		omments				
1	15:16	5-11	20.2	21843	1.09	100-9	5.850	turbi	d. No	odour			
2	15:22	5.16	20.3	21934	2.24	83-0	6.370	turbid,	becom	ingclear.			
2.3	15:30	5.17	20.3	21949	2-83	72-9	6.47	Clear	100	odour			
3.0	15:35	5-17	20.3	21953	3-66	62-0	6.65	Clear	, 10 0	dow			
	*p	H, temp, cond	readings not	necessary if w	ell is purged d	ry Exam	ole Comme	nts: clear /	slightly clo	udy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
3-x	То	tal Well Vol				Sample	time 15	:45		Tix Honal Hason water			
120 MUST	50207 E10	ow rate /minute	water prior to	8 350	l field param			N NA	1x0 1x0 Was the	siners used 2x 100ml Amber XC ultratrace metals 102 metals 2 well dry purged? Y N			
, , , ,	, 1011												
		SES 60	9 2257			QC Check			NI-LIV				
				r these samp			N			5 9			
Was pre-cl	leaning sam	pling equipr	nent properl	y protected fr	om contami	nation?	N	7					
Was docur	mentation of	f equipment	conducted?				N NA						
Were air b	ubbles pres	ent in vials a	at time of col	lection?		3	Y NA						
Was samp	le for metal	s field filtere	d prior to pre	eservations?		(Y) N NA						
Duplicate s	sample colle	ected?					Y N	Duplica	ate sample	e ID			
Dinanta Ma		10					(6)	D:		ı			



Rinsate blank collected?

	70±00 00				Job	Informatio	on						
Date.													
Project N	ame: 5	puphor	4			Projec	ct Number:	022419	3				
Site Loca		aysur	CO. Land			Samp	is K.1	ε,					
Well ID:	BV-M	10001				vveatr	ner: Fi	ne					
					6	quipment							
Water qua	ality equipm	ent descripti	on: 45	IN	01 26	57. 8	erface probe	number: NSC	W4253 30M				
i i		Baller		Plastic	Tefio				4 C13 DOM				
(please si	quipment. irlce)		(A. 1900)	Peristaltic		nersible	Micro-pur	rge Ámazor	Other:				
		Pump	lype.	renstantic	9 3001	nersible	Wilcio-pui	ge Alliazor	other.				
İ				Well Gau	ging and F	urge Volu	ime Calcul	ations					
Casing Di	and the second second			mm 100m	nm 125mn		200mm	250mm 300mm	Volume of water in well / V				
Conversion Factor (volume in factor L/m) 0.49 1.90 7.05 12.0 17.7 31.4 40.1 70.7 V - volume in files P = 3.14159													
Total Well Depth (-) Water level (=) Water Column r = radius in cm 1.56 m (-) 4.46 m (=) 3.10 m h = height of water column in cm													
1	0	1. (-)					(=) Litres	ver 1 Well Volume					
		-	3-1	0	n (x)	46		1	V				
Depth to p	oroduct:		n	Product Thic	kness:	m	Verifi	ed with Bailer:	Y N				
					Water Qu	ality Para	meters						
Beginning	purge time	: VI. 05		Ending purg			100000	Pump Intake D	epth (mbtoc):				
Litres	Time	PH	Temp °C	.Cond	DO	Redox	Drawdown	Commen					
				ms/cm	mg/L	mV	<10cm	PID=0.					
1	11:11	5,46	22.4	9510	6,85	40.1	4.64	Stightly	cloudy, no odour				
2	11:16	5.49	222	9777	0.30	45.7	4.69	11	4				
3	11:27			10089	0.08	52.0	4.72		1(
4	11:2=	75.27	22.4	10578	0.03	69.5	4.74		π				
.5	11:32	5.23	25.2	10802	0.07	76.1	4.76	"	11				
			ļ										
		ļ			+								
					-								
							-						
	*/	оН, temp, соло	d readings not	necessary if w	ell is purged o	dry Exam	ple Commer	nts: clear / slightly slight odour / c	cloudy / turbid / very turbid / no odour / odour / strong odour / drawdown depth				
	1000	otal Well Vol				Sample	- time 11	:40 00	ntainers used 8				
In		ctual amount o	f water prior to	100			a time						
18		L/minute		Di	d field paran	neters stabil	ise?	NA Was t	the well dry purged?				
					Field	QC Check	ks						
Was pre-c	leaned san	npling equipr	nent used for	these samp	oles?	1	Ŷ N						
Was pre-c	cleaning sar	mpling equip	ment properly	y protected f	rom contam	ination?	Y N						
j	250	of equipment	Ø 18 50	<112		1	N NA]					
			at time of col	ection?			Y (N NA	1					
Conserve	W 80 0		d prior to pre				Y N NA	-					
Duplicate	cample cell	octod?	and the second section of the second section of the second section of the second secon				v (10)	Duplicate sam	nle ID				



Y N				3.5	Job Ir	nformatio	n				
Date:	19/12/1	2.				Time:	arrive	121-		depart	12:40
Project Na		works.	pu			Projec	t Number:	022419	18		
Site Locat	tion: bay	swale	نسن			Sampl	055100	•			
Well ID:	BU_MW	104				Weath	er: Hot	- r cl	eo.	6	
					Eq	uipment			in the Re		
Water qua	ality equipme	ent description	on: 90FU	N 45	443	Inte	erface probe	e number:	Ciole	ich 18 3	0-4261
0 0	quipment:	Bailer ty	ype: I	Plastic	Teflon		Ston	less	steel	\.	
(please ci	rice)	Pump ty	ype: I	Peristaltic	Subme	ersible	Micro-pu	rge A	mazon	Other	rs.
				Well Gaugir	ng and Pu	urge Volu	me Calcu	lations			
Casing Di	ameter	2	50r	mm 100mm	125mm	150mm	200mm	250mm	300mm	1000	water in well / V
Conversio		6	0.49 1.	96 7.85	12.3	17.7	31.4	49.1	70.7	= Prxrxh V = volume	
Total Well		(-) Water	level a 2 (-	(=) Water (Column	-1				P = 3.14159 r = radius in	cm
11.31	b n	1 (-)	Water Co	m (=) <u>\ - :</u> lumn (>	x) Convers	m sion Factor	(=) Litres	per 1 Well	Volume	h = height o	f water column in cm
			1.3	lumn () 392_ m ()	x)	7 1.96	(=)	.73	L		
Depth to p	oroduct:	m	n I	Product Thickn	ess:	m	Verit	fied with Ba	ailer:		
William Rus				W	ater Qua	lity Paran	neters				
Beginning	purge time:			Ending purge t	ime:			Pump Ir	ntake Dep	th (mbtoc):	
Litres	Time	PH	Temp ∘C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	Co	omments		252 11
	12:34	6.46	226	5.24 1	.59	W	-				
	1201										
				NE		_		1			
		1.0	SAN	W -	The	20,	Nev.	1	\		
	(MAD	0	1000	010		05				
		1	N	1, 14	×	La	delle				
		MU	10	X	V X	e					
		,,	× (2)	1,50	yer k	2					
			()		60		8.9				
			=	180,							
	*pi	H, temp, cond	readings not	necessary if well	is purged dry	Exam	ple Comme	nts: clear / slight o	slightly clo odour / odo	udy / turbid / ve ur / strong odd	ery turbid / no odour / ur / drawdown depth
		al Well Volu	ume water prior to	sampling		Sample	time	2.30	Conta	iners used _	0
	Flo	w rate /minute	water prior to		eld parame	eters stabili	TVS TV	NA NA		well dry purg	ed? Y N
	11111	///illitate									
Wos see	looped	lina es la	ont read &	those served		QC Check	S				
				these samples		ation?	NA				
		* 2-0 (1) (1 -2 0 - 1) (1, 100 (1, 10) (1, 100 (1, 100 (1, 100 (1, 100 (1, 100 (1, 10) (1, 100 (1, 100 (1, 100 (1, 100 (1, 100 (1, 100 (1, 100 (1, 100 (1, 100 (1, 100 (1, 100 (1, 10) (1, 100 (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 100 (1, 10) (1, 10) (1, 100 (1, 10) (1, 10) (1, 10) (1, 10) (1, 10) (1, 10) (1, 10) (1, 10) (1, 10) (1, 10)		protected fron	n contamin	ation?					
	mentation of			ection?		-	Y N NA	+			
	ALC Company of the company		it time of coll d prior to pre			6	Y TIN NA				
	sample colle		- prior to pre	ooi valiono:			Y IN	<u>J</u> .	ite sample	· ID	
								7 Trans-100 - 000	blook ID	MMC 4	



		1 200	Alexander 1				Job Inf	ormatio	n			
Date:		12.1	2.13					Time:	arrive	201	0	
Project	Name:	5	ymphor					Projec	t Number:	J. h.	2419	3
Site Loc	cation:		Buggnal	al				Sampl	er:). 4,-	nnt	
Well ID:		BV	MWO Y	ſ				Weath	er:	fine		
	T		Tomas day				Equi	pment	CHILI	V	194	THE STATE OF THE S
Water q	uality equ	ipment d	escription:	90	FL	MW	09117	7 Inte	erface prob	e number:	SYD	3954-60m
Purging (please	equipme cirlce)		Bailer type		Plastic Perista	T	Teflon Submer	sible	Micro-pu	urge	Amazon	Other:
IQE PART	W. Perine	-17			Well	Gauging a	and Pur	ge Volu	me Calcu	ulations		
Casing	Diameter		25m	nm 50	mm	100mm 1	25mm	150mm	200mm	250mm	300mm	Volume of water in well / V
	sion Factor	or	0.9	8 10	38	7.85	31.4	49.1	70.7	125.7	196.3	= Prxrxh V = volume in litres
_11.3	ell Depth	(-) <u>1.8</u>		1.44 Water Co	rolumn (n (x) Convers (x) t Thickness				Vell Volume	V	P = 3.14159 r = radius in cm h = height of water column in cm
					4,1	Wate	r Qualit	y Paran	neters	133		
Beginnir	ng purge	time:			Ending	g purge time):					
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/	ALL DESCRIPTION OF THE PARTY OF	Drawdow <10cm			С	omments	
									Vona	ble	10	Samola
									h	112	12	sample eristaltic
									,	ound	2	
									1	/		
100												
											#H	
												(A)
		*pH, ter	mp, cond rea	adings not	necessa	ary if well is pu	irged dry	Examp	ole Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth
		112		- v //	samplin	(T)	paramete	Sample		N NA		well dry purged? Y N
16,000						T I	Field QC	Check	s	ing vince		
Was pre	-cleaning	sampling	g equipmen	nt used fo	r these	samples?		,	Y N			A STATE OF THE STA
Was pre	-cleaning	sampling	g equipmer	nt properly	y protec	cted from co	ntaminat	ion?	Y N			
Was doc	umentatio	on of equ	ipment cor	nducted?				1	Y N N	A		3.0
Were air	bubbles	present i	n vials at ti	me of coll	lection?	>		1	Y N NA	A		
Was san	nple for m	etals field	d filtered pr	rior to pre	servati	ons?		,	Y N NA	A		
Duplicate	e sample	collected	?						/ N	 Duplic	ate sample	ID
Rinsate	blank coll	ected?						1	/ N	Rinsat	e blank ID	
nunchwater - well s	ampling data form	ede			2		-				-	****



	,					Job Info	ormatio	n					
Date: 5	/12/	13					Time:	arrive	0900		depart		
Project Name:	Jym	phone	1	×			Project	Number:	024	419	3		
Site Location:	Ban	SWW	Fer				Sample	er: (.1	tenn	N			
Well ID:	V- MU	106					Weath	er: va	in '				
						Equip	uipment						
Water quality	equipment d	escription:						rface prob	e number:				
Purging equip	ment:	Bailer type	e).	Plastic		Teflon -							
(please cirlce)		Pump type		Peristaltic		Submers	sible	Micro-pu	ırge	Amazon	Other:		
Well Gauging and Purge Volume Calculations													
Well Gauging and Purge Volume Calculations Casing Diameter 25mm 50mm 100mm 125mm 150mm 200mm 250mm 300mm Volume of water in well / V													
Casing Diame Conversion Fa	1000	1 75000	- 1	/	200000		O SESSION CO.	[5580M(6385)	2012/09/2017		= Prxrxh		
(volume in factor L	m)	0.9			85	31.4	49.1	70.7	125.7	196.3	V = volume in litres P = 3.14159		
Total Well Depth (-) Water level (=) Water Column r = radius in cm											r = radius in cm h = height of water column in cm		
			Water Co	lumn (x)	Convers	sion Facto	r (=) Liti	es per 1 V	Vell Volume	е			
		/	11>0	<u>D</u> m (x)	l	196	(=) _	21.4		r L	WA		
Depth to produ	ict:	m		Product Th	ickness		_ m	Veri	fied with B	ailer:	111/0/1		
					Wate	r Qualit	y Paran	neters					
Beginning pur	ge time: 0	a:25	-	Ending pu	rge time):	V04		linto	we o	depth = 11.0 m		
Litres Tim	PH	Temp ∘C		DO	Redox			Add II. United	C	omments			
0 17 0 2	0 1 1		mS/cm	mg/L	mV	<10cm		PID	= 0,0	ppr			
0.5 643		The Party of the Party	5750	10000	142	10.04	1	mely	, lig	W 6	roum, no odour		
1.0003		22.7	5570	2.87	142	10,00		-	11		11		
The state of the s	06.59	The same of the same of	5180		137	10.08	-		11				
2.0 094	56.59	21,5	5260	2.34	138	10.10	-	-	N		//		
	-					-		X	samp	lle :	ellon		
	-						-						
							-						
									67				
						-	-						
							V						
	*pH, ter	np, cond re	adings not	necessary if	well is p	urged dry	Examp	le Comme			oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
2.0		ell Volum		compling			Sample	time _C	9:45	_ Conta	ainers used 8		
11 (1/2/2/2/2/2)	Flow ra		ater prior to				7/2	6	NI NIA				
~100	mL/min	ute			Ла пеіа	paramete	rs stabilis	se?	N NA	vvas tne	well dry purged? Y N		
						Field QC	Check	s		V.F.E.			
Was pre-clean	ng sampling	equipme	nt used fo	r these sar	mples?		C	N					
Was pre-clean	ng sampling	equipme	nt properly	y protected	from co	ontaminati	on?	N			*		
Was document	ation of equ	ipment co	nducted?				C	NN	A	124	K		
Were air bubbl	/ere air bubbles present in vials at time of collection?												
Was sample fo	/as sample for metals field filtered prior to preservations?												
Duplicate samp	le collected	?					1	(N)	Duplic	ate sample	eID		
Discrete blank	.11							1/2	D: 1				



Rinsate blank collected?

	Job Information
Date: 4/12/13	Time: arrive 11:15 depart
Project Name: Symphony	Project Number: 0244193
Site Location: Bouns work	Sampler: C. Henry
Well ID: BU_MWUT	Weather: hot/sunny
	Equipment
Water quality equipment description: US443	Interface probe number: 122009747.1
Purging equipment: Bailer type: Plastic	Teflon
(please cirlce) Pump type: Peristaltic	Submersible Micro-purge Amazon Other:
Well Gaugi	ing and Purge Volume Calculations
Casing Diameter 25mm 50mm 100mm	
Conversion Factor 0.98 (1.96 / 7.85	31.4 49.1 70.7 125.7 196.3 V = volume in litres
(volume in factor L/m) Total Well Depth (-) Water level (=) Water Column	P = 3.14159 r = radius in cm
7.180 m (-) 4.110 m (=) 3.070 m	h = height of water column in cm
Valer Column (x) Col	nversion Factor (=) Litres per 1 Well Volume
Depth to product: m Product Thick	ness: m Verified with Bailer: YN NA
	Water Quality Parameters
Beginning purge time: 11:28 Ending purge	The second of th
	e time: iWtake depth \$ 6.0 m edox Drawdown Comments
Marks/cm mg/L r	mV <10cm Pib = 0-0 ppm
	32 4.115 Clear no odow
1.0 11:40 6.97 23.4 4600 1.98 12	26 4.120 11
1.5 11:45 6.99 22.7 4620 1.14 13	37 4.120 11 11
2,0 11,48 6,97 22,2 4620 0,91 13	39 4.12 11
	40 4.13
	* sample tecken
	, , , , , , , , , , , , , , , , , , , ,
	Example Comments: clear / slightly cloudy / turbid / very turbid / no odour /
*pH, temp, cond readings not necessary if we	ell is purged dry slight odour / odour / strong odour / drawdown depth
Total Well Volume Actual amount of water prior to sampling	Sample time 11/5) Containers used 8
№ 250 Flow rate mL/minute Did	I field parameters stabilise? Y N NA Was the well dry purged? Y N
	Field QC Checks
Was pre-cleaning sampling equipment used for these samp	oles?
Was pre-cleaning sampling equipment properly protected from	rom contamination?
Was documentation of equipment conducted?	Y N NA
Were air bubbles present in vials at time of collection?	YNA
Was sample for metals field filtered prior to preservations?	Y N NA OR C
Duplicate sample collected?	Y N Duplicate sample ID



T T					Job In	formation				1211			
100	28/11	115	4			Time: arrive 11:05 depart 1375 Project Number: 0224198							
Project N	- On	0. 0.	ymphon	9				1 1					
Site Loca	2	MN MU	long ba	yswater		Samp	TNET	+ 15-G	Γ				
Well ID:	BU-	MUTO8		CHANGE THE		Weath	ier: fire	, hot					
					Equ	ipment							
Water qua	ality equip	ment descri	ption:	51 13	D10001	Z Int	erface prob	e number:	NS	v 4254 30g			
	Purging equipment: (please cirlce) Bailer type: Plastic Teflon Pump type: Peristaltic Submersible Micro-purge Amazon Other: Well Gauging and Purge Volume Calculations												
				Well Gau	ging 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 V = volume in litres P = 3.14159													
Total Well Depth (-) Water level (=) Water Column r = radius in cm h = height of water column in cn Water Column (x) Conversion Factor (=) Litres per 1 Well Volume													
	Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
Depth to p	oroduct: _	~	_ m	Product Thic	kness:	m	Veri	fied with B	ailer: Y	N			
3743	THE STREET			Ne E	Water Qual	ity Parar	neters						
Beginning	purge tin	ne: 12:2	5	Ending purg	ge time: 12:	45		Pump	Intake Dep	th (mbtoc):			
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments				
	1225	3.86	34.0	14696		230.1	4.860	1	Idish	bour februt			
	1230	-		14790		281.4	4.870		nter-				
	1235	3.83		14825	74	281.9	4.870	- Cru	11 67 -	7/0 000			
	1240	8.32		14836	61.0	131.8	4.870						
	1245	8.8		14836	63.1	281.4	4.880						
								Λ.	o Ver	y Slow - potenta			
								fail	1				
								A	nne t	advised from Air met			
	/							-					
			lu-										
		*pH, temp, co	nd readings no	t necessary if w	ell is purged dry	Exam	ple Comme	nts: clear / slight	slightly clo odour / odo	udy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
~ 7		Total Well V	olume of water prior t	o compling		Sample	time 12	30-1	330 Conta	ainers used9			
~100		Flow rate mL/minute	or water prior t		d field paramet	************		N NA		well dry purged? Y			
					Field Q	C Check	s						
Was pre-c	leaned sa	mpling equi	oment used for	or these samp	les?	C	K N						
Was pre-c	cleaning s	ampling equ	pment proper	ly protected fi	rom contamina		85 N	_					
Was docu	mentation	of equipme	nt conducted	?			N NA						
Were air b	oubbles pr	esent in vial	s at time of co	llection?			Y 🕦 NA						
Was samp	ole for me	tals field filte	red prior to pr	eservations?			N NA						
Duplicate	sample co	ollected?					Y	Duplica	ate sample	:ID			
Rinsate bl	ank collec	cted?					YN	Rinsat	e blank ID				



CIVIVI													
TIME				**	Job	Informatio	on						
Date: 2	Date: 28 11 13 Time: arrive 14-30 depart Project Name: Project Symphony Project Number: 024193												
Project Na	ame: Pro	rect Si	mohan	ч		Projec	ct Number:	02241	93				
Site Local		nin La N	ryswate	1			ler: N.H						
Well ID:	BV-MO	NH9	/			Weath	ner: Fine	, hot					
7 19 7					Fo	quipment							
Water qua	ality equipme	ent description	on: :465	T Onlaw	- 01		erface prob	e number:	Pun	\$ 3954			
			-(0,	1			criaco prob	o nambon	517	9 210 4			
Purging e (please ci		Bailer ty		Plastic	Teflo		Minne		A	Other			
	Pump type: Peristaltic Submersible Micro-purge Amazon Other: Well Gauging and Purge Volume Calculations												
				Well Gau	ging and P	urge Volu	me Calcu	lations					
Casing Di	7/ACA-250-CLN0	2	5mm 50i	mm 100m	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 P = 3.14159												
Total Well	Total Well Depth (-) Water level (=) Water Column												
	Water Column (x) Conversion Factor (=) Litres per 1 Well Volume												
			6	.42r	n (x)/e	96	(=)	2.583	L	T _N			
Depth to p	roduct:	m	Ď I	Product Thic	kness:	m	Veri	fied with B	ailer: Y	N			
THE WAY		C FORK			Water Qua	ality Parai	neters						
Beginning	purge time:	14:05		Ending purg	je time:	14:32		Pump	Intake Dep	th (mbtoc):			
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm	С	omments				
	14:11	409	24-3	12248	7.19	129-6	4-085	clear	, no ade	aur.			
2	14:V7	4-91	23-8	12376	7-89	124-1	4.190	Clea	r, 10 a	dar.			
3	14:22	4-95	23-6	12408	7-91	111	4.240	1	1,10	day.			
4	14:27	5.08	23.4	12406	8.12	94.0	4.299			oday			
5	14:32	5.09	23-5	12448	7.89	7801	4.340			adom			
							/						
	*pl	H, temp, cond	readings not i	necessary if w	ell is purged d	lry Exam	ple Comme			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
51		al Well Volu				Sample	time 14	:35	Conta	iners used 3x 100ml Amber 8			
~40		ual amount of w rate	water prior to		10 mm 10 mm	V-02-02-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-		ov [co-co-]		1x ulfration retals			
~ 10	mL	/minute		Die	d field param	eters stabil	ise?	N NA	Was the	well dry purged?			
			· · · · · · · · · · · · · · · · · · ·		Field	QC Checl	(S						
Was pre-c	leaned samp	oling equipm	ent used for	these samp	les?		N						
Was pre-c	leaning sam	pling equipm	nent properly	y protected fi	rom contami	nation?	N						
Was docu	mentation of	equipment of	conducted?				N NA	4					
Were air b	ubbles pres	ent in vials a	t time of coll	lection?			Y NA	4					
Was samp	le for metals	field filtered	d prior to pre	servations?			Y N NA	4					
Duplicate:	sample colle	cted?					Y	Duplic	ate sample	• ID			
Rinsate bla	ank collected	d?					YN	Rinsat	e blank ID				



EKIVI													
						Job	Informatio	on					
Date:		28.	11.13				Time:	arrive	150	05	depart		
Project Na	ame:	5	yang	iones			Projec	ct Number:	0	22410	76		
Site Locat	tion:	Bays	nate	1			Samp	ler:	N.1	7			
Well ID:	Bi	1 mw					Weath	ner:	Fine				
		WILL		, THE		E	quipment						
Water qua	ality equipme	nt descript	ion:	751	AL II			erface prob	e number:	54	d 3954 60m		
Purging e	quipment:	Bailer	t√pe:	Plast	ic	Teflo	n				3 7 00 (
(please cir		Pump			taltic		nersible	Micro-pu	ırge	Amazon	Other:		
			71		_								
						100	Purge Volu	Toursenson .	T-				
Conversion		-	25mm	50mm	100mm	e Toronaran	150mm	200mm 31.4	250mm	300mm	Volume of water in well / V = Pr x r x h		
(volume in fac	onversion Factor 0.49 1.96 7.85 12.3								49.1	70.7	V = volume in litres P = 3.14159		
Total Well Depth (-) Water level (=) Water Column $r = radius in cm$ $h = height of water column in the column in$													
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume (m (x)													
(A) X													
Depth to product: m Product Thickness: m Verified with Bailer: Y													
	Water Quality Parameters												
Beginning	purge time:	15:17		Endi	ng purge	time:	5:42		Pump	Intake Dep	oth (mbtoc):		
Litres	Time	PH	Temp	°C KC	ond S/cm	DO mg/L	Redox mV	Drawdown <10cm	C	omments			
1	15-22	5.69	22	6 14	999	2.39	778	1.650	Cloud	y to cle	ear. No odony		
2	15:27	5.79	22.	5 14	968	4:31	67.4	1:790	Clea	V 10	odour		
3	15:32	5.79	22			6.15	65.7	1.840		0.6	odeur.		
4	15:37	5-88	22	-5 14	4883	5.89	62.5	1.860	clea	r, no	odour.		
5	15:42	5-91	22.	.5 18	7824	5.96	61-0	1.880	clean	no	odow.		
										T.			
	*pF	H, temp, con	d reading:	s not neces	sary if well	is purged o	dry Exam	ple Comme	ents: clear	slightly clo	oudy / turbid / very turbid / no odour / our / strong odour / drawdown depth		
SA	, Tot	al Well Vo	lume					13	5:50	V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1	LEX STAMI USA!		
		ual amount o w rate	of water pr	ior to samp	oling		Sample	e time	[20]	_ Conta	ainers used 3+ lame amber of		
760) mL	/minute			Did f	ield paran	neters stabil	ise? Y	N (NA)	Was the	e well dry purged? Y		
					Cara si	Field	QC Checl	ks	77				
Was pre-c	leaned samp	oling equip	ment use	ed for thes	se sample			Y N					
Common Provincia	Was pre-cleaning sampling equipment properly protected from contamination?												
	mentation of	8 258 D.S. 9 W	. 45 .00 20 00				-	Y) N N	A				
	ubbles prese				n?		H	Y N N					
	ole for metals							V N N					
	sample colle		- 10	p. 555, V			H	YN		ate sample	e ID		
Discount		10					-	V (2)	Dapito	is black in	z (2 000)		



Job Information													
Date: 4	+112/1	3				Time:	Time: arrive 13:10 depart 14:00						
Project Na		mphon				Proje	Project Number: 022/493						
Site Locat	1	yswah	1			Samp	Sampler: N.H						
Well ID:	BUM	WII				Weat	Weather: Fine, hot						
					quipment			SUD					
Water qua	lity equipm	ent descript	ion:	YSI		In	Interface probe number: 3954						
Purging e		Bailer	type:	Plastic	Teflo	n			,,				
(please cir	ice)	Pump	type:	Peristaltic	Subr	mersible	Micro-pu	ırge	Amazon	Other:			
Well Gauging and Purge Volume Calculations													
Casing Dia	ameter		25mm 50	0mm 100m	nm 125mr	n 150mm	200mm	250mm	300mm	Volume of water in well / V			
Conversio (volume in fac			0.49	.96 7.8	5 12.3	17.7	31.4	49.1	70.7	V = volume in litres P = 3.14159			
Total Well		(-) Water	level 980	(=) Wate	er Column	m				r = radius in cm			
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume 3.07 m (x) 1-96 (=) 6.02 L													
Depth to product: m Product Thickness: m Verified with Bailer: N N N N													
Water Quality Parameters													
Beginning	purge time	13:18		Ending purg	ge time:		ş	Pump Intake Depth (mbtoc):					
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdown <10cm		PID = 0.0 - cap not on properly				
1	13:24	24 5.90 24-0		10217	0.07	-26.9	1.090		7.	id / cloudy no odan.			
2	13:30	5-80	23.8	1002	0.01	-26.7	1.110	10	cloudy me aday				
2	13:36	5.79	23.7	9932	003	-27.5	1-120	Clone	1 Sulfr	ar la			
4	13:42	5.92	23.5	9438	0.03	-38-1	1.135	T.C	0 11	u			
5	13:46	5.98	23.7	9052	0.09	-41-1	1-140	V.	14	4			
6	13:52	6-01	23-7	9091	0010	-39.7	1-143	cc a		И			
					5250000 000	Evan	unia Comme	nte: clear	eliabtly clo	udy / turbid / very turbid / no odour /			
		H, temp, con	d readings not	necessary if w	ell is purged o	dry LX	ipie oomine		odour / odo	ur / strong odour / drawdown denth			
66		tal Well Vol tual amount o	lume f water prior to	sampling		Sample	Sample time 13:55 Containers used 3×100ml, Amber glass 1×00°C ultrafrace restels						
~17	7835	ow rate L/minute		Die	d field paran	neters stabil	ise?	N NA	Was the	well dry purged?			
	The BV				Field	QC Chec	ks						
Was pre-cl	eaned sam	pling equipr	ment used fo	r these samp	les?		YN						
Was pre-cl	eaning sar	npling equip	ment proper	ly protected f	rom contam	ination?	Y N						
Was docur	mentation o	f equipment	conducted?				Y N N	A					
Were air b	ubbles pres	sent in vials	at time of co	llection?			Y N N	A					
Was samp	le for meta	s field filtere	ed prior to pr	eservations?			Y N N	4					
Duplicate s	sample coll	ected?					Y N	Duplic	ate sample	ID			

Groundwater - well sampling data form.cdr

Rinsate blank collected?

11/0



Visita			Nat II				Job Inf	ormatio	n					
Date:	4/12/	13					Time: arrive 14:05 depart 14:55							
Project	Name:	Sing	hons				Project Number: 0224493							
Site Loc	cation:	Daysi	set					Sampler: N.+						
Well ID:	BV_	MWI	2				Weather: Fire, hot							
Equipment														
Water q	uality equ	ipment d	escription:	48	SI		Inte	rface prob	e number:	SYD	3954			
Purging equipment: (please cirlce) Bailer type: Plastic Teflon Pump type: Peristaltic Submersible Micro-purge Amazon Other:														
Well Gauging and Purge Volume Calculations														
Casing	Diameter	5	25n	nm 50	mm 10	00mm 1	125mm	150mm				Volume of water in well / V		
	sion Facto	or	0.9	98 1	96	7.85	31.4	49.1	70.7	125.7				
Total W	Total Well Depth (-) Water level (=) Water Column 1													
Depth to	Depth to product: m Product Thickness: m Verified with Bailer: Y W A													
Water Quality Parameters														
Beginni	ng purge t	ime: 14	17		Ending p	urge time):					3		
Litres	Time	PH	Temp °C	Cond mS/cm	DO mg/L	Redox mV	Drawdow <10cm	PIE) = o .	1	omments			
1	14:23	4.84	21-9	11193	0.18	52.5	1.070	Clau	du to	clear				
2	14:30	4.71	21.6	10845	0.28	58	1,405	- 1	0	oda	W			
3	14:36	4.68	21.7	10797	0.29	81-10	1-650) 11	1 11	**				
4	14:43	4.67	21.6	10791	0.32	85.1	1.80	0 (1	14	n				
		*pH, ten	np, cond rea	adings not	necessary	if well is pu	urged dry	Examp	le Comme			udy / turbid / very turbid / no odour / ur / strong odour / drawdown depth		
4	L		ell Volum		sampling			Sample	time 14	:45	_ Conta	4x 40ml 16 24 was iners used 32x 100ml Amber gla RC ultra trace netal,		
~ l	53	Flow ra mL/min				Did field	paramete	rs stabilis	e? 🕚	N NA		well dry purged? Y		
							Field QC	Check	3	1000				
Was pre	-cleaning	sampling	equipme	nt used fo	r these sa	amples?		R	N			THE PART OF THE PA		
Was pre	-cleaning	sampling	equipmen	nt properly	y protecte	d from co	ntaminat	ion?	N					
Was doo	cumentatio	on of equi	pment co	nducted?				(¥) N NA	<u> </u>				
Were air	bubbles	present ir	vials at ti	me of coll	ection?			Y	N NA	X.				
Was san	nple for m	etals field	filtered p	rior to pre	servation	s?		(5) N NA					
Duplicate	e sample	collected	?					Y	(N)	_ Duplic	ate sample	ID		
Rinsate	blank coll	ected?						Y	(N)	Rinsat	e blank ID			



		n.E. H. IV				0.50	Job Inf	ormatio	n				
Date:	4/12/	13					Time: arrive 15:05 depart 14:20						
Project	Name:	Symp	hone	1			Project Number: 0224193						
Site Lo	cation:	Saus	water				Sampl	er: N	+				
Well ID	BV-	MW1.					Weath	er: Fin	e, hot				
	Equipment												
Water quality equipment description: 45T Interface probe number: 54D 3954													
Purging equipment: (please cirlce) Bailer type: Pump type: Paristaltic Pump type: Pristaltic Submersible Micro-purge Amazon Other:													
Well Gauging and Purge Volume Calculations													
Casing	Diameter		25n	nm 50	mm 10	0mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V	
	sion Factor (L/m)	r	0.0	98	96 7	.85	31.4	49.1	70.7	125.7	196.3	= Prxrxh V = volume in litres	
7-8	Total Well Depth (-) Water level (=) Water Column 7-805 m (-) 1.040 m (=) 6.765 m (x) 1.96 (=) 13.259 Depth to product: m Product Thickness: m Verified with Bailer: N A												
Water Quality Parameters													
Beginni	Beginning purge time: 15:15 Ending purge time: 15:51												
Litres	Time	PH	Temp ∘C	Cond mS/cm	DO mg/L	Redox	Drawdow <10cm	'n	70.1	C	omments		
1	15:21	4.04	22.1	11164	0.22	275-4	5 1.125			clear	no odo	Mar	
2	15:27	4.03	20.7			62	7 1.185		10	,		7.54	
3	15:33	4.11	20.6		021	269.							
4	15:39	4.30	206	10813	0.23	242:	7 1.280						
5	15:45	433	20.6	10855	0.24	236-	8 1.300)	1			_ /s	
6	15:51	4.37	20.6	10850	0.27	231-0	0 10310	_	V				
												3.	
								Fuer	olo Carre	nto al-	/ oliabth1	indic/frobid/lyes. Double/payers	
		*pH, tem	p, cond rea	adings not i	necessary i	if well is p	urged dry	Exam	ole Commi		odour / odo	udy / turbid / very turbid / no odour / our / strong odour / drawdown depth	
~11	10		te	e iter prior to		Did field	paramete		time 15	N NA		iners used 3×100ml Amberglas KC altatrace motels well dry purged? Y (R)	
10) V	, ii caliinii c		Way (1989)	Velgo, em		LIVE I DE REALIZADO				West as I		
Wa						100	Field Q0						
•	e-cleaning					4	oute'		N				
A.		. G 070	8.8	95 55 55	/ protected	a trom c	ontaminat	-	N	_			
	cumentatio		Markage and a series						NN	4			
	r bubbles p			E.		-2		H	N N	-			
	nple for m		-5	rior to pre	servations	5.1			NN		oto cort-	ND.	
Name of the last	e sample		E:			Y N Duplicate sample ID							



						Job In	formatio	n						
Date: 11.12.13								Time: arrive 1325 depart 1400						
Project	Name:		5~	mpha	~~		Projec	Project Number: 0774/93						
Site Lo	cation:		1-03	inate,	,)		Sampl	Sampler: D. Grant						
Well ID	:		3×-1	nwo	1		Weath	er:	Fm	e				
16			SPE			Equ	ipment	-	100					
Water c	quality equ	uipment d	lescription	90_F	ZMW I	19114	Inte	erface prob	e number:	570	3954 60m			
Purging (please	equipme cirlce)		Bailer typ		astic eristaltic	Teflon Subme	rsible	Micro-pu	ırge	Amazon	Other:			
50 L		11.00	-11-2/-10	(E) William V	Well Gaugin	ng and Pu	rge Volu	me Calcu	ılations					
Casing	Diameter		25r	nm 50mi	m 100mm	125mm	150mm	200mm	250mm	300mm	Volume of water in well / V			
	sion Factor (L/m)	or	0.9	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 P = 3.14159 r = radius in cm											r = radius in cm h = height of water column in cm			
				13 - 117	W	ater Quali	ty Paran	neters						
Beginni	ng purge	time:		E	nding purge ti	ime:								
Litres	Time	PH	Temp °C	Cond mS/cm	DO Red	an improved to the second property of the			C	omments				
		-	-	ms/cm	mg/L m\	V TOCI		2 /		1. /				
								giver	()	ck c	aken first			
							(vell	1 19	an o	of works in			
							1	Cil	d to	hu.	thetian any			
							1/2	water using peristaltic pump						
								No Sample tyken						
9									1					
										E				
											14			
		*pH, ter	np, cond re	adings not ne	cessary if well is	s purged dry	Examp	ole Comme	ents: clear / slight	slightly clo odour / odo	udy / turbid / very turbid / no odour / our / strong odour / drawdown depth			
Total Well Volume Actual amount of water prior to sampling Flow rate mL/minute Did field parameters stabilise? Y N NA Containers used Y N Was the well dry purged? Y N														
in its	AL I		e frafi			Field Q	C Check	s						
Was pre	-cleaning	sampling	g equipme	nt used for th	hese samples	?	1	N						
Was pre	-cleaning	sampling	equipme	nt properly p	rotected from	contamina	tion?	N						
Was doo	cumentati	on of equ	ipment co	nducted?			1	N NA	A		,			
Were air	bubbles	present ir	n vials at ti	me of collec	ction?		`	N NA	4					
Was san	nple for m	netals field	d filtered p	rior to prese	rvations?)	NNA	4					
Duplicat	e sample	collected	?				7	/ N	Duplic	ate sample	ID			
Rinsate	blank coll	ected?					Y	N	Rinsat	e blank ID				



						Job Ir	formatio	n							
Date:	8.1	2.1	3				Time:	Time: arrive [4, [0 depart [4, 40.							
Project Na	ame: S	ymp	non	5			Projec	Project Number: 0224193							
Site Locat	ion: 🔑	ans	hon	N			Sampl	er: Jh	1/7	M					
		MWC					Weath	er: Su	n	~ ·					
							uipment								
Water qua	lity equipr	nent descri	ption:	un	ot o	90 FL	MV Inte	erface pro	be numbe	er: Airr	et NSW 4254 301				
Purging equipment: Bailer type: Plastic Teflon (please cirlce) Pump type: Peristaltic Submersi								Micro-p	urge	Amazon	Other:				
				We	II Gaugir	ng and Pu	ırge Volu	me Calc	ulations		建工程的				
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	V = volume in litres				
		(-) Wat	ter level	(= 1 m (=	=) Water (Column	m	***		_ `	P = 3.14159 r = radius in cm h = height of water column in cm				
Water Column (x) Conversion Factor (=) Litres per 1 Well Volume															
m (x) (=)L															
Depth to product: m Product Thickness: m Verified with Bailer: V N															
					W	ater Qual	ity Paran	neters							
Beginning	purge time	e:		Endi	ng purge t	ime:			Pum	p Intake Dep	th (mbtoc):				
Litres	Time	PH	Temp		ond S/cm	DO mg/L	Redox mV	Drawdowi <10cm		Comments					
									GV	Greb sample.					
											7				
				. 1											
									Str	ms	organic				
									od	our	organic				
										4					
								\.							
	31	pH, temp, co	ond readings	not neces	sary if well	is purged dry	Exam	ole Comm			udy / turbid / very turbid / no odour / our / strong odour / drawdown depth				
		otal Well V	olume t of water pri	or to samo	lina		Sample	time 14	1:15	Conta	iners used				
-	F	low rate	t of water pile	or to samp	555,760,74	eld parame			N NA		well dry purged? Y N				
	m	L/minute			Did iii	eiu parame	ters stabilis	se: _ ,		y was trie	well dry purged?				
						Field C	C Check	s							
Was pre-cl	eaned sar	npling equi	pment used	d for thes	e samples	?		N		4×	Vial				
Was pre-cl	eaning sa	mpling equ	ipment prop	perly prot	ected fron	n contamina		tion? IN 4x vial 1x ansher 1x pros.							
Was docur	mentation	of equipme	nt conducte	ed?			C		IA	1 ×	PFUS.				
Were air bu	ubbles pre	sent in vial	s at time of	collectio	n?		,	Y W NA Cinch OFLI - Dry.							
Was sample	le for meta	ils field filte	red prior to	preserva	itions?		,	YNN	IA TO						
Duplicate s	sample col	lected?						YN	Dupl	icate sample	ID				
Rinsate bla	ank collect	ed?					1	(N I)	Rins	ate blank ID	200 mg				