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2 3 4 5							,	MUDFA	RISK R	EGISTE	R - NOV	07						Printed O	n: 09 Nov 2007							
6 7 ARM Risk ID	Ca	Risk Description Cause		Event	Event			Effect			Owner	Signifi	cance	Blac	k Flag	Tre	eatment S	strategy	Previous Status		Current Status		Due Date		Action Owne	r
9					1				1	1							1							1		-
0 139			ersion outline	Uncertainty of Utilities location			in MUDFA costs or		G Barclay	r	High	25 00	Ĺ	1			Complete		Complete		31-Oct	t-07	J Casserly	7		
2	Spi	specification only from plans		diversion	and consequently required diversion work/ unforeseen utility services within LoD		delays as a result of carrying out more diversions than estimated											On Programme		Complete		23-Nov-07		J McAloon	ř	
5				1												meet requ							3			
6 7				-												-							+	1		-
9																In conjunction with MUDFA, undertake trial excavations to		On Program	On Programme On Progr		mme 31-Jan-08		n-08	A Hill		
21																confirm lo	nfirm locations of Utilities d inform designer		-							
3																										
5 6 7 164	-				-		-								-		1						+	+		-
7 164	Uti	Utilities assets uncovered during construction that were not previously accounted for;		Unknown	or abando	ned assets	Re-design and delay as			I Clark		High	25.00			Carry out	t GPR Ad	ien survey	Complete		Complete		31-Oct	t-07	J Casserly	
88 29 80 81	not			ground co	or unforeseen/contaminated ground conditions affect scope												Identify increase in services		On Programme Complete			23-Nov-07		J McAloon		
11	ass	sets; ast	d abandoned utilitie bestos found in for utilities diversion				in Capex cost as a result of additional works.									diversions. MUDFA to resource/re-programme to meet required timescales.										
2 3 4 4 5 6 6 7 7 8 9 9	un	known c	ellars and intrude into works																							
5	are	ea; other	physical													-							+	1		
6		struction ntaminat														In conjun			On Programme		On Programme		31-Jan	31-Jan-08	A Hill	
8																confirm lo	dertake trial excavations to firm locations of Utilities						8			
9					_											and inform	rm design	er								-
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4																										
33 44 55 66 6 77 342 88 99 90 101 11 12 12 12 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15			T T																					-		
7 342	Tra	Tram alignment at A8 crossing at Gogar co-incides BT data nests/cable (main coms link between Glasgow and Edinburgh)		A8 crossi	ng tunnel r	equires	Capex cos	t to cover I	BT data	I Clark	1	Riigh-	24 00		1	Confirmat	ation of BT		On Program	ime	Complete		15-Oct	t-07	l Clark	- 10
8	at			special de	esign or BT			move; add								requirements to tie				10 Velvo Antonio			T			
0				moved	es require t	.o oe		sts; delay v ndertake n															1			
1				162654 V. C.C.			carried ou	t; additiona																		
2							tunnelling	costs															-			
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	NO. 10						The state of		100	Ç4		A SURE	-	CA		i can		10000	40	-				444	-		*	¥5	
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3																					Printed O	n: 09 Nov 2007							
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5				Diek	Descriptio																								
	M Risk ID		Cause	KISK	Descriptio		Event			Effect			Rick	Risk Owner		Significance		Black Flag		Treatment Strategy		Previous		Current		Due		Action Owner	
8						_							3.5360	111001 0111101				Triog	Treatment offacegy		Status		Status		Date				
57 911	1	13	Scottish F	ower o	wn and	IP	resence	of Scottis	h Power	Tunnel	may have	to be	M Blake	M Blake		High = 24.00		Scottish	Power to	establish	Complete		Complete		2-Apr-07		I Clark		
58 59 60			Scottish Power own and maintain a cable tunnel in the			tunnel in Leith Walk requires			Tunnel may have to be decommissioned and re-laid in							1		exact location of tunnel		3.4.0.14.3.3					Ĭ.	1 Glaik			
59					Valk that m		adical so	lution				cation; tram																	
60					ere with Tr							uire to be							SDS to	try and er	nsure tram	On Program	ime	On Progra	mme	28-De	-07	T Glazebrook	***
61					operation;						d; special f										nt is outwith								
62					d depth of vn; condition							ever may be									lignment -						-		
63 64			unnel is t			_	`			required; increased capex; potential for tunnel collapse								confirmation via thumbnails due 16th November					1	1					
65								during operation and				-		-			- 440 100	. 110701116				-	-	_	-	1			
65 66 67	_	-							-	conseq	uent disrup	tion for tram	G-	+	-	-								-		-			
67		-				-				-					_														1
68 69 70										1																			
69																			tie to un	dertake e	engineering	Complete		Complete		2-Apr-	07	J Casserly	
70		Ü																	feasibilit	y study		1777		- 127		300	10	100	
71					-															-									
72 73 74		-				_				4									-			-						1	-
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77																													
78 926	3		Major sing	le safe	ty incident	t s	Safety inc	ident duri	ng MUDFA	Injury t	employee	. Delay	G Barcla	r	High	- 22 00													
79		-	during co	nstruct	ion	D	Diversions	s - Gas/Po	wer/Water) due to HSE																	
80												rework. PR																	
81	_			Ĭ						risk to t	e and stak	enolders.		_	_				_			1 1		1					
82		-			_	_			_	-			_	-	-				-	-		-			-		-		-
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85 86 87 914										1							-												
87 914	4	1	Required	approv	al/accepta	nce S	Statutory	Utility Cor	npanies	Additio	al period r	equired for	T Glazebrook		High - 20.00				SDS to	obtain cor	nsent for	Complete		Complete		31-De	-07	I Clark	
88 89		t	urnaroun	d time	does not	u	nable to	meet des	ign		approval/a	cceptance	- FETTHEOU	D)							ance with								
89					dard practi			acceptanc		turnaro	und										irements -						l.		
90					e enough ess capabi		urnaroun rogramm	d time to	meet		-	-		-	_	-			Telecon	Water ar	no all			1					
91 92	-				y turnaroui		Jugianili			-	+			+		-			relecon							-			
93										-	-		-		-	-												1	-
94		7						1	1				1					SDS to	obtain co	nsent for	On Program	me	On Progra	mme	30-Dec	-07	M Blake	1	
95																			SDS to obtain consent for design in accordance with		- in in rogitalii		J. I. Jogia		122.00	31.5(8)			
94 95 96 97																			program	me requi	irements -								
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ARM Risk ID	Cause	Risk Description Cause		Event		Effect			Risk Owner		Significance		Black Flag		Treatment Strategy			Previous Status		Current Status		Due Date	Action Owner		
21	Design constraints e.g.			Design requires that Utilities			Additional design; additional			T Glazebrook		High= 19.00			06	AMIS to seek to divert under		t under	Complete		Complete		28-Dec-07	G Barclay	0.1
21		presence of other utilities,		are diverted outside of LoD		of LoD	land purchase required and		d								Utility powe	rs where							
		ty of LoD b						t contact with	- 14							outwith Lo	oD				ļ				
		diversion technical requirements etc.				T	landowners; design may result in increased work quantities due to extent of diversions; potential increased duration of works.									OIO was d	CIC word to identify divine		O- D		Complete		31-Aug-07	E Cranta	
	, oquit															GIS used to identify diversions outwith LoDs and respective			On Program	On Programme Complete			31-Aug-07	E Cropley	
						n of					 				landowners								\top		
		+		-							_						2								+
									-																_
							7		1							SDS to aim to design		N)	On Programme		On Programme		28-Dec-07	T Glazebrook	=(6)-
																diversions	diversions within LoD								
																	ndertake de		On Program	me	On Progra	mme	28-Dec-07	T Glazebrook	-
	_	_	_					- 7								checks to ensure diversion in LoD		ersion in							+-
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