

CH2MHILL®		CALCULATION SHEET			
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Subject:	Summary of Strategy for PAR	Verified by:	MC	Sheet no:	1
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Notes

Preferred Option Cash Costs Year on Year (£)

Cash Cost	To Year 0	Year 1	Year 2	Year 3	Year 4	Five Year	Future Years	Overall Total
	2015/16	2016/17	2017/18	2018/19	2019/20	Totals		
	(£)	(£)	(£)	(£)	(£)	(£)	(£)	(£)
SBC staff costs (PAR)	2,000					2,000		2,000
Consultants fees (PAR)	20,000					20,000		20,000
<b>Costs to PAR Totals</b>	<b>22,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,000</b>	<b>0</b>	<b>22,000</b>
<b>Capital</b>								
<i>Rock Armour</i>								
Construction		502,587				502,587		502,587
Site investigation and survey (10%)	50,259					50,259		50,259
Environmental mitigation (7.5%)		37,694				37,694		37,694
Environmental enhancement (incl.)		0				0		0
Site supervision (7.5%)		37,694				37,694		37,694
SBC staff costs	25,000	25,000				50,000		50,000
Consultants fees	35,000	20,000				55,000		55,000
Yorkshire Water Service Diversion		200,000				200,000		200,000
Optimism Bias (30%)	33,078	246,893				279,970		279,970
<b>Capital Totals</b>	<b>143,336</b>	<b>1,069,868</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,213,204</b>	<b>0</b>	<b>1,213,204</b>
<b>Contributions</b>		-360,000				-360,000		-360,000
<b>Capital Totals less contributions</b>	<b>143,336</b>	<b>709,868</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>853,204</b>	<b>0</b>	<b>853,204</b>
<b>Non-Capital</b>								
<i>Rock Armour</i>								
Maintenance	832	832	832	832	832	4,160	272,150	276,310
Other (env. etc 5%)	42	42	42	42	42	208	13,608	13,816
Fees etc (12%)	100	100	100	100	100	499	32,658	33,157
Optimism Bias (30%)	292	292	292	292	292	1,460	95,525	96,985
<i>Southern Def. Works</i>								
Maintenance	832	832	832	832	832	4,160	729,593	733,753
Other (env. etc 5%)	42	42	42	42	42	208	36,480	36,688
Fees etc (12%)	100	100	100	100	100	499	87,551	88,050
Optimism Bias (30%)	292	292	292	292	292	1,460	256,087	257,547
<b>Non capital Totals</b>	<b>2,531</b>	<b>2,531</b>	<b>2,531</b>	<b>2,531</b>	<b>2,531</b>	<b>12,655</b>	<b>1,523,652</b>	<b>1,536,307</b>
<b>Overall Totals</b>	<b>167,867</b>	<b>712,399</b>	<b>2,531</b>	<b>2,531</b>	<b>2,531</b>	<b>887,859</b>	<b>1,523,652</b>	<b>2,411,511</b>

Preferred option five year cash totals including inflation (k)

Year	0	1	2	3	4	5 yr totals
Inflation at 2%	0	14,248	102	155	209	14,714
Totals incl. inflation at 2%	167,867	726,647	2,633	2,686	2,740	902,573

Summary Preferred Option Cash Costs Year on Year (£k)

Cash Cost	Year 0	Year 1	Year 2	Year 3	Year 4	Five Year	Future Years	Overall Total
	2015/16	2016/17	2017/18	2018/19	2019/20	Totals		
	(£K)	(£K)	(£K)	(£K)	(£K)	(£K)	(£K)	(£K)
Cash Capital	165	710	0	0	0	875	0	875
Cash Non capital	3	3	3	3	3	13	1,524	1,536
<b>Cash Total</b>	<b>168</b>	<b>712</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>888</b>	<b>1,524</b>	<b>2,412</b>