

CH2MHILL® CALCULATION SHEET					
Calculation title:	Runswick Bay PAR	Created by:	SMJ	Project code:	473342
		Date:	23/06/15	Serial no:	
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
Costs to PAR Totals	22,000	0	0	0	0	22,000	0	22,000
Capital								
<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
Capital Totals	143,336	1,069,868	0	0	0	1,213,204	0	1,213,204
Contributions		-360,000				-360,000		-360,000
Capital Totals less contributions	143,336	709,868	0	0	0	853,204	0	853,204
Non-Capital								
<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
Non capital Totals	2,531	2,531	2,531	2,531	2,531	12,655	1,523,652	1,536,307
Overall Totals	167,867	712,399	2,531	2,531	2,531	887,859	1,523,652	2,411,511

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
Cash Total	168	712	3	3	3	888	1,524	2,412