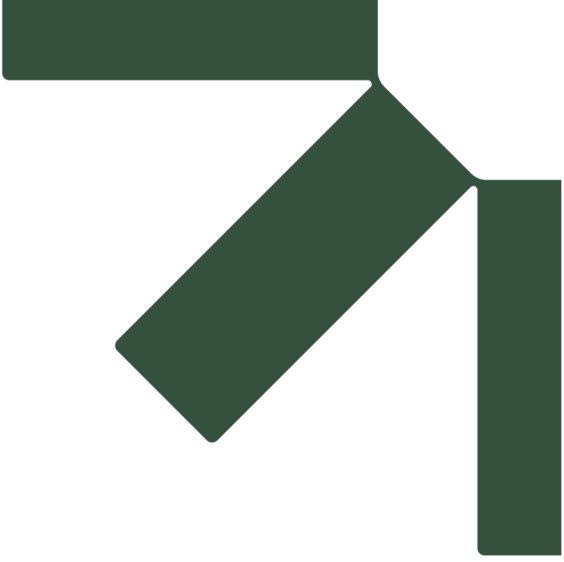




Appendix G Coastal Extreme Sea Level Calculations

Flood Consequence Assessment

Proposed extension of the Margam Substation

BakerHicks Limited

SLR Project No.: 402.065363.00001

26 August 2025

PROJECTED UPLIFT SUMMARY				
	mm to m conversion			1000
CC Allowance Type	Higher Central (m)	Upper End (m)		
	0.51	0.66		

Extreme Sea Level Calculations				
	PPG Table higher central uplift (mm)	Calculated Outcome (mm)	PPG Table upper end uplift (mm)	Calculated Outcome (mm)
2017	N/A	0	N/A	0
2018	5.8	5.8	7	7
2019	5.8	11.6	7	14
2020	5.8	17.4	7	21
2021	5.8	23.2	7	28
2022	5.8	29	7	35
2023	5.8	34.8	7	42
2024	5.8	40.6	7	49
2025	5.8	46.4	7	56
2026	5.8	52.2	7	63
2027	5.8	58	7	70
2028	5.8	63.8	7	77
2029	5.8	69.6	7	84
2030	5.8	75.4	7	91
2031	5.8	81.2	7	98
2032	5.8	87	7	105
2033	5.8	92.8	7	112
2034	5.8	98.6	7	119
2035	5.8	104.4	7	126
2036	8.8	113.2	11.4	137.4
2037	8.8	122	11.4	148.8
2038	8.8	130.8	11.4	160.2
2039	8.8	139.6	11.4	171.6
2040	8.8	148.4	11.4	183
2041	8.8	157.2	11.4	194.4
2042	8.8	166	11.4	205.8
2043	8.8	174.8	11.4	217.2
2044	8.8	183.6	11.4	228.6
2045	8.8	192.4	11.4	240
2046	8.8	201.2	11.4	251.4
2047	8.8	210	11.4	262.8
2048	8.8	218.8	11.4	274.2
2049	8.8	227.6	11.4	285.6
2050	8.8	236.4	11.4	297
2051	8.8	245.2	11.4	308.4
2052	8.8	254	11.4	319.8
2053	8.8	262.8	11.4	331.2
2054	8.8	271.6	11.4	342.6

2055	8.8	280.4	11.4	354
2056	8.8	289.2	11.4	365.4
2057	8.8	298	11.4	376.8
2058	8.8	306.8	11.4	388.2
2059	8.8	315.6	11.4	399.6
2060	8.8	324.4	11.4	411
2061	8.8	333.2	11.4	422.4
2062	8.8	342	11.4	433.8
2063	8.8	350.8	11.4	445.2
2064	8.8	359.6	11.4	456.6
2065	8.8	368.4	11.4	468
2066	11.6	380	15.8	483.8
2067	11.6	391.6	15.8	499.6
2068	11.6	403.2	15.8	515.4