

Note that NPV has been discounted over 100 year period at rate of 4.5%

		Social and Environmental Costs Expressed as a Net Present Value			
		Permanent (operational)	Temporary (Construction)	Carbon (construction and operation)	Total
S008	Desalination and transfer scheme (full and peak manag	£127,910,261	£149,484	£15,474,701	£143,534,446
S013	Purton Res and transfer	-£1,725,823	£34,472	£17,583,335	£15,891,984
S015	Pumped Refill of Chew Valley Reservoir	£905,958	£408,965	£7,988,388	£9,303,311
S016	Avonmouth WWTW Direct Effluent Re-use	£1,751	£2,894	£8,158,780	£8,163,425
L001	Infrastructure replacement	£0	£7,382,744	£225,021	£7,607,765
S004	Southern Source consolidation	£1,919,023	£68,084	£4,821,871	£6,808,978
L002	Infrastructure replacement and CP replacement	£0	£5,481,914	£145,604	£5,627,518
L004	CP and subsidised SP replacement	£0	£5,515,112	£19,896	£5,535,007
L003	CP replacement	£0	£5,515,112	£8,966	£5,524,077
S012	Docks Scheme	£0	£1,275,587	£3,072,347	£4,347,934
L005	ALC increase	£0	£3,694,258	-£55,768	£3,638,490
S002	Severn Spring and transfer	£0	£86,457	£1,332,846	£1,419,302
S017	Southern sources upgrade (unconsolidated)	£0	£62,052	£942,865	£1,004,916
S007	Effluent re-use commercial	£1,751	£16,263	£974,638	£992,652
S014	Stowey WTW Washwater Recovery	£0	£427,092	£133,009	£560,101
S006	Minor sources	£0	£23,781	£340,454	£364,235
D001	Optant metering	£243,314	£214,179	-£135,145	£322,348
D003	Change occupier metering (all domestic customers)	£291,976	£257,015	-£237,497	£311,495
D006	Retro-fit WC with dual/variable flush devices	£0	£112,970	£1,908	£114,878
D011	Compulsory metering of domestic customers	£583,953	£280,205	-£775,697	£88,461
D004	Change occupier metering (large gardens only)	£145,988	£128,507	-£269,100	£5,395
D010	Selective metering of remaining unmetered commercial	£577	£4,162	-£9,690	-£4,951
D016	Cistern displacement device distribution	£0	£0	-£6,844	-£6,844
D002	Selective metering (agricultural troughs)	£0	£0	-£7,706	-£7,706
L006	Permanant Zonal monitoring	£0	£75	-£35,783	-£35,707
L008	Leakstop enhanced	£0	£14,431	-£56,824	-£42,393
L007	Pressure reduction	£0	£41	-£66,008	-£65,967
D005	Business audits	£0	£1,616	-£171,598	-£169,982
S001	Cheddar Reservoir	-£1,017,364	£88,087	£1,134,071	£204,793