

RESOURCE INPUT DATA

Units	MI/d	£k	£k pa	kW/m3.	p/m3	p/m3	£k pa	£ per MI	£k	£k	years	years	te CO2	kg/MI	te/pa						
Name	Yield	Total Capex	Fixed Opex	Power use	Non Power Variable Cost	AIC	Fixed Environmental Cost	Variable Environmental Cost	Social associated with build	Annual social cost	y-3	y-2	y-1	y	y+1	Time Required	Carbon				
																	Life from build	Variable Carbon	Fixed Carbon		
S006	Minor Sources	5.0	9,164	205	0.281	1.0	32.3	na	na	24.8	0	0	0	4,582	4,582	0	2	25	24	0.00008	2.59
S017	Southern Sources Upgrade	8.0	15,997	186	0.616	1.0	29.3		66.3	0	0	0	0	7,999	7,999	0	2	25	288	0.00008	2.59
S004	Consolidated Mendip Sources	8.0	84,961	209	3.797	1.0	80.9		67.14	87.43	0	28,320	28,320	28,320	28,320	0	3	40	7,657	0.00008	2.59
S013	Purton Bankside Reservoir	25.0	183,899	667	4.544	2.0	29.5		37.35	-78.626	36,780	36,780	36,780	36,780	36,780	0	5	100	15,882	0.00008	2.59
S001	Cheddar New Reservoir	20.0	107,950	226	0.304	1.0	18.9		96.04	-46.349	21,590	21,590	21,590	21,590	21,590	0	5	100	20,591	0.00008	2.59
S012	City Docks/Barrow transfer	20.0	49,619	100	0.531	1.0	29.6		1362.32	0	0	0	24,810	24,810	24,810	0	2	25	2,361	0.00008	2.59
S008	Desalination	30.0	91,399	100	3.310	1.0	35.3		158.48	5.827	0	30,466	30,466	30,466	30,466	0	3	25	3,654	0.00008	2.59
S007	Effluent Reuse Commercial	20.0	80,327	100	1.602	1.0	46.4		17.24	80	0	0	40,164	40,164	40,164	0	2	25	1,806	0.00008	2.59
S016	Effluent Reuse	20.0	95,327	100	2.640	1.0	54.6		3.07	80	0	0	47,664	47,664	47,664	0	2	25	1,718	0.00008	2.59
S015	Chew Valley pumped storage	30.0	86,957	100	1.990	1.0	33.7		446.31	41.274	0	28,986	28,986	28,986	28,986	0	3	25	3,197	0.00008	2.59
S002	Severn Springs	15.0	43,964	100	0.406	1.0	34.9		91.63	0	0	0	21,982	21,982	21,982	0	2	25	1,640	0.00008	2.59
S014	Stowey WTW Wastewater Recovery	2.0	1,500	100	0.110	1.0	22.9		446.311	0	0	0	0	500	500	0	1	25	52	0.00008	2.59
	None	0.0	0	0	0.000	0.0	0.0				0	0	0	0	0	0	0	10	0	0.00008	2.59

SCHEMES

- Minor Sources
- Southern Sources Upgrade
- Consolidated Mendip Sources
- Purton Bankside Reservoir
- Cheddar New Reservoir
- City Docks/Barrow transfer
- Desalination
- Effluent Reuse Commercial
- Effluent Reuse
- Chew Valley pumped storage
- Severn Springs
- Stowey WTW Wastewater Recovery

capital cost status all include at risk cost

now allows for pumping on at 80mhd  
 now has treatment cost at 31kWh MI  
 has mains and pumping plant to distribute  
 has extra £10m for pot TW at Littleton and mains and pumps  
 has extra £5M above RO for pot TW at Littleton + mains and pumps for littleton  
 has extra £10M for pot TW at Littleton and main and pump; no mains and pumping plant to distribute??