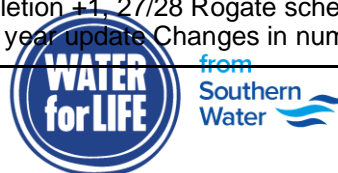


RES1- Water resources asset and volumes data

Line description		Commentary
	Water resources	
1	Water from impounding reservoirs	Assume no new impounding reservoirs therefore figure does not change, 23/24 base year update. Change in figures due to healthier river levels requiring less pumping into reservoirs as natural recharge was higher in 2023-24. Less water taken at Robertsbridge SWA & Yalding SWA due to higher river levels as the result of the wetter summer & autumn. Confidence grade A2
2	Water from pumped storage reservoirs	Assume no new storage reservoirs therefore figure does not change, 23/24 base year update Change in figures due to healthier river levels requiring less pumping into reservoirs as natural recharge was higher in 2023-24. Less water taken at Robertsbridge SWA & Yalding SWA due to higher river levels as the result of the wetter summer & autumn. Confidence grade A2
3	Water from river abstractions	Assume no additional river abstraction therefore figure does not change, 23/24 base year update Less abstraction from rivers to fill our reservoirs (Bewl, Darwell, Powdermill) than in previous year. This was due to the amount of rainfall giving more natural recharge. Confidence grade A2
4	Water from groundwater works, excluding managed aquifer recharge (MAR) water supply schemes	2024/25 value updated as WRMP24 revises delivery date of Smock Alley to 2028/29 +3.12MI/d, 2025/26 value updated as dWRMP24 revises delivery date of Rogate until 2028/29 +1.6MI/d, 2027/28 East Woodhay improvements +1.2MI/d Confidence grade A2
5	Water from artificial recharge (AR) water supply schemes	Assume no new artificial recharge schemes therefore figure does not change Confidence grade A1
6	Water from aquifer storage and recovery (ASR) water supply schemes	Assume no new aquifer storage and recovery schemes therefore figure does not change Confidence grade A1
7	Water from saline abstractions	Assume no new desalination schemes Confidence grade A2
8	Water from water reuse schemes	2027/28 Sandown recycling delivery date amended to 2030/31 +8.5MI/d Confidence grade A2
9	Number of impounding reservoirs sources	Assume no new impounding reservoirs therefore figure does not change, 23/24 base year update Bewl Water SWR classed as Impounding pumped and so removed Confidence grade A2
10	Number of pumped storage reservoirs sources	Assume no new storage reservoirs therefore figure does not change, 23/24 base year update Bewl Water SWR added as classed as Impounding pumped. RES1.11: Assume no additional river abstraction therefore figure does not change Confidence grade A2
11	Number of river abstractions sources	Assume no additional river abstraction therefore figure does not change Confidence grade A2
12	Number of groundwater works excluding managed aquifer recharge (MAR) water supply schemes	2027/28 Smock Alley completion +1, 27/28 Rogate scheme completion +1, 2027/28 East Woodhay improvements but no new source. 23/24 base year update Changes in number of sites - 4 now back online, 1 offline making a difference



		of 3. Flemings Road Woodnesborough WSW (1 x site back online), ██████████ (1 x site offline), Ottorborne Ground GW (1 x site back online), Timsbury WSW (1 x site back online), Twyford WSW (1 x site back online). Confidence grade A2
13	Number of artificial recharge (AR) water supply schemes	Assume no new artificial recharge schemes therefore figure does not change Confidence grade A1
14	Number of aquifer storage and recovery (ASR) water supply schemes	Assume no new aquifer storage and recovery schemes therefore figure does not change Confidence grade A1
15	Number of saline abstraction schemes	Assume no new desalination schemes Confidence grade A2
16	Number of reuse schemes	2027/28 value updated as WRMP24 has revised delivery of Sandown recycling until 2030/31 +1 Confidence grade A2
17	Total number of sources	Sum of lines RES1.9 to RES1.16, 2027/28 Smock Alley completion +1, 2027/28 Rogate scheme completion +1, 2027/28 East Woodhay improvements but no new source, Sandown recycling scheme delivery date updated Confidence grade A2
18	Total number of water reservoirs	Assume no increase in water reservoirs therefore no change in figure, 2023/24 base year update Sandown Bankside Storage SWR has been included this year due to process document, stating "All reservoirs used for holding raw water. This line shall include impounding reservoirs, pumped storage reservoirs and bank side storage facilities". SME has validated inclusion.
19	Total volumetric capacity of water reservoirs	2023/24 base year updates forecast. Last year, the total capacity was 44745.67MI, but 1060.67MI of this was due to WSR's being included. These sites shouldn't have been included in the capacity calculation. That means that the total capacity should have been 43685MI (44746MI reported - 1060.67MI from the WSR's). Therefore, the capacity remains unchanged, as 43685MI, as there have been no alterations in the nameplate values of the sites Confidence grade A1
20	Total number of intake and source pumping stations	No new intake and source pumping stations therefore no change in figure Confidence grade A2
21	Total installed power capacity of intake and source pumping stations	No new intake and source pumping stations therefore no change in figure. 2023/24 base year update slightly adjusts forecast Confidence grade B3
22	Total length of raw water abstraction mains and other conveyors	No new raw water abstraction mains and other conveyors Confidence grade C5
23	Average pumping head – raw water abstraction	AMP7/8 forecast is flatlined. Required improvements identified during RC23 and RC24 year end assurance are being addressed, but it is not known what impact these will have on performance in combination with AMP7 & 8 schemes. Confidence grade C3
24	Energy consumption - water resources (MWh)	Forecasts have been updated with a revised methodology using 2023/24 actuals as the base year data. Electricity included additional growth at 1.5% each year, additional consumption requirements from energy opex costs for new assets converted to volume using £0.26. Energy consumption from transport and gas are extrapolated using historical data. Energy consumption for generation included Solar projects forecast. Confidence grade B4
25	Total number of raw water abstraction imports	No new schemes will affect this number Confidence grade A2



26	Water imported from 3rd parties to raw water abstraction systems	
27	Total number of raw water abstraction exports	
28	Water exported to 3rd parties from raw water abstraction systems	
29	Water resources capacity (measured using water resources yield)	dWRMP24 has revised delivery date of Smock Alley until 2027/28 (+3.12MI/d) and Rogate until 2027/28 (+1.6MI/d), 2027/28 East Woodhay improvements +1.2MI/d, Sandown recycling delivery date revised to 2030/31 (+8.5MI/d), 23/24 base year update Several sources where we forecast a write down in Deployable Output (owing to nitrates) remain in service, largely through development of nitrate treatment, catchment management or source raw water concentrations rising slower than forecast Confidence grade A3
30	Total number of impounding reservoirs assets	No new impounding reservoir assets therefore no change to figure Confidence grade C3
31	Total number of new eels/fish entrainment screens	We are undertaking investigations in AMP8 to inform implementation schemes required for AMP9. Hence a zero return for AMPs 7 and 8 has been submitted.
32	Total number of new eels/fish passes	Confidence Reliability Band C
33	Total number of new wetlands	These are HOLDING LINES left blank for AMP8 implementation schemes; no solution has been proposed at this stage as the investigations are still ongoing. The solutions could include Wetland work but this is undefined at this time hence the return has been left blank. The investigations are due to complete in 2025. Confidence Reliability Band C
34	Total area of new wetlands	
35	Total number of investigations; (WINEP/NEP) desk based only	Completion dates in the EA WINEP spreadsheet are incorrect, a default 2 years is allowed for investigations, regardless of complexity. We have submitted a request to the EA for extensions to these investigations, which is currently under negotiation. The numbers of investigations shown in the relevant years in RES1.36 to RES1.38 align with the current request we have submitted to the EA. Confidence Reliability Band B – due to changes in dates required as discussed above.
36	Total number of investigations; (WINEP/NEP) survey, monitoring or simple modelling	
37	Total number of investigations; (WINEP/NEP) multiple surveys, and/or monitoring locations, and/or complex modelling water	
38	Total number of investigations; (WINEP/NEP)	
39	Additional line 1; water resources cost driver	No input to these lines, all drivers covered elsewhere in the table
40	Additional line 2; water resources cost driver	
41	Additional line 3; water resources cost driver	