	11/120_p2	orede-kingsn p 10	ul to and pot	-WKHAM HT-OH MM 90	ZT_BAR_BAL_25	EW DH MM to Other 90		sel1 FS rezone ext	SWS_HAZ_HI-TFR_HWZ_ALL_oan2	sws_mkz_ni-mucAul_Aul_ewo sWS_HKZ_Hi-TFR_HAZ_Aul_oan3	sWS_HRZ_HI-GRW_ALL_ALL_nw_gwa_tim_westi	SWS_HRZ_HI-IMP_HSW_ALL_rob1 SWS_HSE_HI-TFR_PRT_ALL_pwr2	sws_HSW_HI-GRW_RE1_ALL_str_asr_tes_westi	sWS_HWZ_HI-TFR_HSE_CNO_oan1	wo_IUW_HI-9KW_ALL_ALL_Dr_Jess sWS_IOW_HI-GRW_ALL_ALL_nw_gwa_kni_westi	sws_IOW_HI-REU_RE1_ALL_sey9	sws_kme_HI-DES_ALL_ALL_IOS10 sws_kme_HI-DES_ALL_ALL_iOs20		sws_kme_hi-reu_re1_all_sit8	sWS_KMW_HI-DES_ALL_ALL_Swa20 sWS_KMW_HI-REU_RE1_ALL_ecc18	sWS_KMW_HI-RSR_RE1_ALL_rab1	sws_ktz_HI-DES_ALL_ALL_tha20 sws_ktz_HI-TFR_KME_ALL_sel3	sWS_KTZ_HI-TFR_RZ8_ALL_canterb-wingha p 20	sWS_KTZ_HI-TFR_RZ8_ALL_win	sWS_PWE_HI-REU_RE1_ALL_60toht v0.1 sWS_SBZ_EF-TFR_REP_ALL_har2 res	sWS_SHZ_HI-GRW_ALL_ALL_ass_br_bre_eastn	sWS_SNZ_HI-REU_RE1_ALL_env_cu_chu2_conju	sws_sNZ_HI-ROC_RE1_ALL_hsb-rcm	sws_SNZ_HI-RSR_RE1_ALL_bla	SWS_SNZ_HI-TFR_PWE_ALL_havant -hardha r 50 SWS_SNZ_HI-TFR_RZ5_ALL_tilmore-hardha p 10	SWS_SNZ_HI-TFR_SES_ALL_outwood-turner p 10	SWS_SWZ_HI-DES_ALL_ALL_aru20	ows_sw2_HI-LKE_ALL_ALL_Ner1 sWS_SW2_HI-TFR_SN2_ALL_hardham-tenant p 60	2ST	enants-bright p 40	NR_PWR_Bew3_CONJU NR_PWR_Dar3_CONJU	— – – – – – – – – – – – – – – – – – – –	sWS_KMW_HI-DES_ALL_ALL_Swa10	sWS_KMW_HI-DES_ALL_ALL_Swa10_p2 sWS_KMW_HI-DES_ALL_ALL_Swa20_p2	blank)	sws_HAZ_HI-GRW_ALL_ALL_dhi	WS_HKZ_HH-GRW_ALL_ALL_NOF 6WS_SNZ_HH-GRW_ALL_ALL_West Chiltington	sws_SNZ_HI-GRW_ALL_ALL_Petersfield	of Total numbe of Option:	Screening for cumulative assessment: Comments/Assum	ptions	Stage 2 screening required?
GB106039017230	e.		0	<u> </u>				S V	<u> </u>	1	- S	<u>~ ~</u>	s s	S G	~ ~	S	~ 1~	s	S	s l s	l s	s s	- S	S	s s	S	S C	S S	S	<u>~   ~</u>	S	5 6	10	-	£ .	2 2	- S	S S	s l s	-	S L	10	S I	0	1 Single Option		No
GB106039017280										1																																			1 Single Option		No
GB106039017310										1																																			1 Single Option		No
GB106039017500									1																																				1 Single Option		No
GB106039017520									1																						1														Both Schemes are WFD Compliant in stage 1 screening an activities are short term construction there is unlikely to 2 term impact on WFD Status	nd since the be any short or long	No
GB106040018110		-	+ +	_	-					_	+ +	_	-	$\vdash$	-		-	-	_	-	+	_	-		_			-		-		-	-	-		1	-		-	+ +	_	-	+ +	_	1 Single Option		No
GB106040018120		+	+		+	++		$\vdash$	+	+	++			$\vdash$	+	+	+	+	$\rightarrow$	+	+		+	$\vdash$	_	+	$\vdash$	-	+	-	+		-	+	$\vdash$	1	+	+	+	+		+	++	+	1 Single Option		No
GB106040018150		-		_	+					_	+ +	-	-		-			-			+							-		-						1	+				-	-	+ +	_	1 Single Option		No
GB106040016182	<u> </u>		+		-				++		+	-		$\vdash$	+	+	+	+	+		+							-	+	-	+		-		$\vdash$	1	-	+		+		-	+		1 Single Option		No
GB106040018250		-		_	-					_	+ +		-		-						+							-		-			-			1	-				-		+ +		1 Single Option		No
GB106040018280		-		_	-					_	+ +								-						_			-		-			-			1	-				-				2 Single Option		No
GB106040018280	-		++		+	++		$\vdash$			+		+	$\vdash$	+	++	+				+			+				+	++		+	-	-		$\vdash$	1	+	++		+		-	++		1 Single Option		No
GB106040018500																					1															1									These two options affect Bewl Reservoir. Rab1 option is Bewl Reservoir top water level by 0.4m to increase stora Non-compliant (low corf.) in stage 2 due to the potential uopstream hydrological regime, river continuity and mor conditions and the consequences on ecological status de bewl_conju scheme is a treated effluent recycling schem bewl reservoir which during operation of the option cou- the biology, physico-chemistry and chemistry of the wate in light of the current failure on account of phosphorus d water industry. Therefore further cumulative assessmen 2	the raising of the ge and yield. This is impact on phological ments. The we discharging to id potentially affect r body, particularly erived from the t is required.	Yes
GB106040018520																																				1									1 Single Option		No
GB106040018560								1																																					1 Single Option		No
																																													The Cul to and Pot only have construction impacts theref	ore no cumulative	No
GB106040024190				1														1																											2 impacts on this scheme		NO
GB107040013430																																				1	1								1 Single Option		No
GB107040013520		2	-																																										2 Single Option		No
GB107040013540																																				1	1								1 Single Option		No
GB107040013550		2																								1																			Both options are WFD compliant in stage 1 screening, the scheme includes the drilling of new boreholes and a limit to connect the boreholes to existing treatment works. Th brede_kings_n_10 scheme requires the construction of intersects this waterbody. Assuming construction active any impact on WFD status can be mitigated by construction will be no cumulative impact between this scheme and the scheme.	e ass_br_bre_eastn ed length pipeline e a pipeline that s are temporary and on method, there he br_bre_eastn	No
GB107040013560		2		_	+					-	+ +	-	-		+		-	-		-	+		-		_			-		-		-	-				+				-	-	+	_	2 Single Option		No
GB107040015040		+ 2	1		+	++	+			+	++	-	+	$\vdash$	+	++	+	+	-	+	++		+		-		$\vdash$	+	++	-	+	-	-		$\vdash$	-	+	+	+			+	++	+	2 Single Option		No
GB107040019530		1			-	++			+	+	++	-		$\vdash$	+	+	+	+		-	+			$\vdash$			$\vdash$	-	+	-	+	-	-	+		+	+		-	+		+	++	+	2 Single Option		No
GB107040019570																							2	1																					Both schemes will only have short term and temporary c activities that can be performed without deterioration ris 3 hence they are all WFD compliant	onstruction ik to the waterbody,	No
GB107040019590																							2	1																					Both schemes will only have short term and temporary c activities that can be performed without deterioration ris a hence they are all WFD compliant	onstruction k to the waterbody,	No
GB107040019620						LT		1																																					1 Single Option		No
GB107040019621								1																																					1 Single Option		No
GB107040019630 GB107040019640		2	2					1															1																						Both schemes will only have short term and temporary cativities that can be performed without deterioration ris           2 hence they are all WFD compliant           2 Single Option	onstruction k to the waterbody,	No
GB107040019743	L	_	+		_				+	+	+			$\square$	+	+	_	1			+		2	$ \rightarrow $			$\vdash$		+		+		_	-	$\vdash$			+		+		_	+		2 Single Option		No
GB107040019790			+						+	-	+		+								μſ		2					1	μſ		+									+			+	-	2 Single Option		No
GB107041006520			+								+										μſ								+	1		_											+	-	1 Single option		No
GB107041006620 GB107041011940		1																F								F						1	1		1									1	3 Single Option Both schemes will only have short term and temporary c activities that can be performed without deterioration ris 2 hence they are all WFD compliant	onstruction k to the waterbody,	No
GB107041011980			1																											1							1								1 Single Option		No

																																	 These are the same scheme with different outputs. Therefore no cumulative	No
GB107041011990	1				_										+		-		+		_		1	-		+	-				-	1	3 impact possible	
																																	and, in this waterbody, are pipelines and therefore WED compliant. The	
																																	RE1 ALL for20 scheme is, in this waterbody, a pipeline. Therefore it is	No
																																	unlikely that there could be cumulative impact on the waterbody during	
GB107041012010																				1	1												2 construction and operation.	
GB107041012040																								1									1 Single Option	No
GB107041012060																								1									1 Single Option	No
																																	Option hardham-tenant involves only a pipeline, so will not result in	No
GB107041012100			+ +			$\vdash$		++		+ +		_	++		+ +		_		+		_			1			_		+ $+$ $+$	_	1		2 any cumulative effects with West Chiltington	
																																	upgrade in the ALL_har1 scheme do not have any cumulative effects based	No
GB107041012110																					1			1									2 on the option type and their geographical location.	
																																	There are 3 schemes in this waterbody. The RE1_ALL_bla scheme proposed	
																																	a treated water pipeline into the distribution network in the waterbody. The	
																																	All har1 and All hardham-tenant p 20 schemes are also pipelines	No
																																	intersecting the waterbody along the same path. The pipeline schemes are	
GB107041012120																								1 1									2.5km apart and therefore no cumulative impact is anticipated	
GB107041012290																	-		1								-				-		1 Single Option	No
GB107041012310																			1														1 Single Option	No
GB107041012350																					1												1 Single Option	No
GB107041012370																					1												1 Single Option	No
GB107041012450												_													1								1 Single Option	No
GB107041012480			+									_			+		_				_						1				_		1 Single Option	No
GB107041012521			+ $+$		_							_	+		+ +		-				_			-			1						1 Single Option	NO
GB107041012540										++			+		+		-		++		_			-			1				-		1 Single Option	NO
GB10/041012550										++							-				-			-			-				-		1 Single Option	NU
																																	There are 2 schemes in this waterbody: HSB-RCM and tilmore-hardha p 10.	
																																	The tilmore-hardha scheme involves only construction activities, and would	No
GB107041012780																				1		1											2 not be expected to have any cumulative effects with HSB-RCM	
																																	Option tilmore-hardha involves only a pipeline, so will not result in	No
GB107041012800																						1										1	2 any cumulative effects with Petersfield	NO
																																	The BR_Rog, hsb-rcm and RE1_All_For20 schemes may have WFD impacts	Yes
GB107041012810										+					+				1	1 1	_	1										1	5 that coincide on the upper reaches of the Western Rother	
GB107041012830									_								_				_	1		_						_	_		1 Single Option	NO
GB107041012840					-							_					-					1		-		++	_	-			-		1 Single Option	NO
GB107041012880 GB107041012880																	-				1						-				-		1 Single Option	No
GB107041012900																					-			1									1 Single Option	No
GB107041013080			1																					1									1 Single Option	No
																																	These are two infrastructure schemes whose construction activities are not	
																																	anticipated to cause any short or long term WFD deteioriation and whose	No
																																	operation is WFD complaint in stage 1 screening. No potential cumulative	NO
GB107041013350																			1			1											2 impact	
GB107041017950			+ $+$							+			+		+				1		_						_				_		1 Single Option	No
GB107042016250				1								_	+		+		_				_			_							_		1 Single Option	NO
GB107042016260				1						++			++		++		-		+		_			-			_				-	_	1 Single Option	NO
GB107042016270 GB107042016290				1											+		-		+ +					-			-						1 Single Option	No
0010/042010200				-																							-				-		These are two infrastrutice schemes whose construction activities are not	
																																	anticipated to cause any short or long term WFD deteioriation and whose	
																																	operation is WFD complaint in stage 1 screening. No potential cumulative	No
GB107042016310					1																												1 impact in this SWB	
																																	Both schemes are pipeline construction, therefore no deterioration is	
																																	assumed, and their operation has no impact on the waterbody. Therefore no	No
GB107042016360			1									_																					1 cumulative impacts of WFD	
																																	Both Schemes contain pipelines that cross the Hermitage stream but are	
																																	assumed to use construction methods that mitigate short term deterioration	No
GB107042016370			1		_					+		-	+		+		-	1	+		_			-			-		+++		-		 2 of the waterbody	No
GB107042016400				-	_	$\vdash$		++		++		-	++		++		-	+ +	+		1		+ +	-		+	+		+		+	-	 1 Single Option	NO
GB107042016460								1		++			++		++		-		++					-			+				-	-	 1 Single Option	No
0010/042010400										++									++					-			-				+		 These are two infrastructure schemes whose construction activities are not	
																																	anticipated to cause any short or long term WFD deteioriation and whose	
																																	operation is WFD complaint in stage 1 screening. No potential cumulative	NO
GB107042016490					1			:	1																								2 impact	
GB107042016620					1																												1 Single Option	No
GB107042016640			1														_																1 Single Option	No
																																	This SWB has a Bad ecological classification for Fish due to barriers from the	
																																	Agriculture and Land Management sector. It is assumed that any	
																																	construction for the pipeline projects in this surface water body that	No
																																	intersect the river body would be trenchless or use some other construction	
GB107042016650				1					1																								2 method that does not impact the river body.	
GB107042016791										2									++								-						2 Single Option	No
GB107042016800					1																												 1 Single Option	No
																											T						No anticipated impact during construction or operation that could cause	
																																	WFD deterioration for either of these schemes and unlikely they would	No
																																	interact as Pott_tott_90 is a pipeline and Str_asr_tes_westi is a MAR scheme	
GB10/042016840	1	i I I	1 1	1	1	I I	1 1	1 1	1 1	1 I I	1		1 1	1 1	1 1	1		 1 1		1	1	1	1 1		1 I	1 1	1	1 1	1 1 1			1		1

GB107042022580 GB107042022700		1			1	1		1	1		1	1																											There are multiple watercourse crossings of the Itchen in this waterbody. Although all options are limited to construction activities within this waterbody, due to the sensitivity of the Itchen, which is designated as an SAC, and the number of crossings proposed between options, this WB has been screened in for further assessment [Single Option]	Yes
CB107042022710								1	1			1																											These are the same scheme with different outputs. Therefore no cumulative	No
GB107042022710 GB107042022720		1				-	+	1	1			1				-			-		-				_	-	-	++		+	-								1 Single Option	No
																																							These are the same scheme with different outputs. Therefore no cumulative	No
GB107042022730		<u> </u>		_		_	+	1	1			1				_					_				_		_	$\vdash$		+	_		_				_		3 impact possible	No
GB107042022750		1					+									+											+	$\vdash$		+	+			+	1		-		These are the same scheme with different outputs. Therefore no cumulative	NO
GB107042022770								1	1			1																											3 impact possible	No
GB107042022780		1		_			+									_		+			_				_		_			+	_			+			_		1 Single Option	No
GB107042022810		1		-			+									-					-			+	_		-	$\vdash$		+	-			+					1 Single Option The new discharge in the upper catchment under scheme sev9 could be	No
GB107101005971														1 1																									impacted by the increase in abstraction above RA from the groundwater in 2 the kni_westi scheme.	Yes
GB107101006210													1	1																									Reduction in baseflow due to groundwater abstraction could lead to reduction in flow reaching downstream waterbody which contains the sey9 treated effluent scheme dickharge point. This impact is captured under the GB107101005971 water body cumulative assessment. In this surface water body the sey9 scheme activity is pipeline construction and there is no risk of operation casing WFD deterioration, therefore there is no cumulative risk of WFD deterioration in this waterbody.	No
GB30643117		_				_								_		_		1							_		_				_		_				_		1 Single Option	No
GB30644398																			1											1									Both schemes have the potential negatively impact WFD status of 2 hydrological, physical and ecological quality status elements.	Yes
GB30744955																			-											-	1								1 Single Option	No
GB40601G501700						_								_		_	1		_								_										_		1 Single Option	No
GB40601G600900						-	+	1	$\vdash$	+	_			-		+-		+			-			++	_	-	+	$\vdash$	_	+	+	+		+			+		1 Single Option To be assessed further, since there are four options involving abstraction	NO
GB40701G501200										1		1																							1 1				from the Chalk (although noting that one is a managed aquifer recharge 4 scheme).	Yes
GB40701G502500				1																																			1 Single Option	No
GB40701G502900													1	1																									The SWS_JOW_HI-GRW_ALL_ALL_br_less scheme has been assessed as compliant (low conf.) in stage 2 screening for this waterbody. The intermittent use of this scheme as a stream support source means it is unlikely to have an impact of the water balance of the aquifer on the timescale of a WFD assessment. Therefore it is unlikely to have a cumulative affect to the GWB with the other option in this GWB.	No
GB40701G503100				_			+									<u> </u>		+			_				1		_			+	_			+			_		1 Single Option	No
GB40702G500300 GB40702G502200				-			+									1					-		1		_		-			+	-			+					1 Single Option	NO
GB510070073000																						1																	1 Single Option	No
GB530603911401															1	1																							These are the same scheme with different outputs. Therefore no cumulative impact possible	No
GB530603911402							$\square$											1					_								_	1	1 1	1			_		These are the same scheme with different outputs. Therefore no cumulative impact possible	No
GB530604002300															1	1		1																					The los10, los20 and los20 p2 are all the same scheme with different outputs. The ecc18 is only a poleine intersection infith surface water body so, although the fourth option would be located in the same water body as the desailnation scheme, construction activities would be temporary, which limits the potential for direct cumulative effects. No potential cumulative affects during operation have been identified.	No
																																							The first three options are are variations of the same scheme with different outputs. The fourth options sit8, is a pipeline crossing and therefore constuction activities would be temporary and limit the potential for direct	No
GB530604011500	$\vdash$	_	$\square$		++	_	+	_	$\vdash$	+				+	1	1	1	+	_	+	-	+		++	_		-	$\vdash$	+	+	+	+		+		$\vdash$	+	-	3 cumulative effects.	No
GB540704104900	$\vdash$		$\vdash$	1	++	-	++		++	+		+	$\vdash$	+	$\vdash$	-		+	+	+	+			++		+	-	$\vdash$	+	+	+	+		+	+	+	+	-	To be assessed further, since there are multiple options involving	NO
GB540704105000																								1	1											1	1		4 groundwater abstraction.	Yes
GB540704116000		_				_								_		_									_		_			1			_				_		1 Single Option	No
GB580705130000 GB640704540002						-	+				_			-		-		+ +	-		-	1			_	-	 -	$\vdash$	-	+	1		-	+	_		-		1 Single Option	NO
00010101010002																-								++		-	-				-								The transfer of treated offluent to the Diver Dather under scheme for 20	
GB640704540003	1																								1		1										1	L	The dialistic of treated entitient to the work hotien evolution of the solution of 20 would not interact with the arrol 10 and an 20.20 goal and arrow and the solution of the	No
0000000000000000					ΙT		IT		ΙT		T				ΙT		ΙT					$ \top$		ΙT				ΙT		IT		.  T		IT		T			These are the same scheme with different outputs. Therefore no cumulative	No
GB650704510000 GB650705150000	├		$\vdash$		++	+	+	_	$\vdash$	+		+	$\vdash$		$\vdash$	+	$\vdash$	+		+	-	1	-	++	-	+	+	$\vdash$	+	++	+1	-		+		+	+	+	2 Impact possible	No
GB650705530000														1									t						L										1 Single Option	No
None																					T		1						T										1 Single Option	No
IRC																									_		1		1	1 1	1							1	1  Single Option	No

GB107041012280													1							1	Single Option	No
GB107041012120													1							1	Single Option	No
(blank)																				0	Single Option	No
GB107042022670																		1		1	Single Option	No
GB107042022740																		1		1	Single Option	No
GB107041012140																			L	1	Single Option	No
																					To be assessed further, since there are multiple options involving	
GB407041G503100																			1 1	2	groundwater abstraction.	Yes