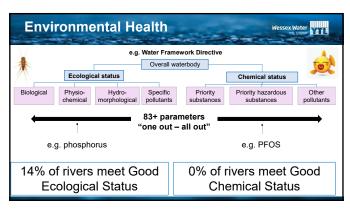


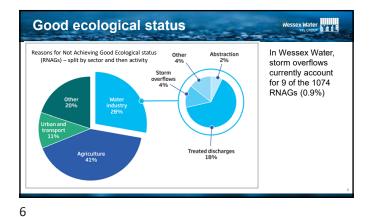
Agenda	Wessex Water
The one-pipe problem	
• The impact	
 Bathing waters and public health 	
Nutrients	
Recent BBC news	

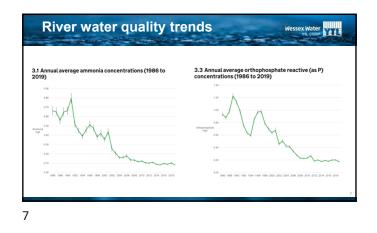
 Foul water
 Surface water

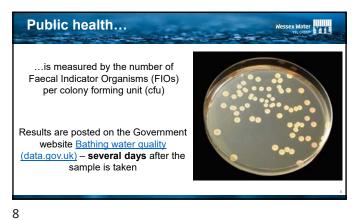
 1 roof (surface water) is the equivalent flow to 100 separately drained properties (foul only flow)
 Combined drain
 More than half of all properties in England are built like this











 Public health in open water...
 Wesselent

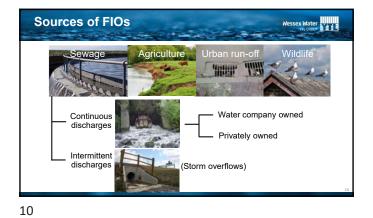
 Meeting 'Excellent' Bathing Water standards does not mean the water is fit of igest...people can get ill from drinking just a few faecal bacteria

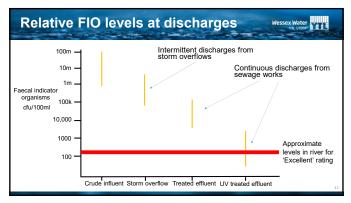
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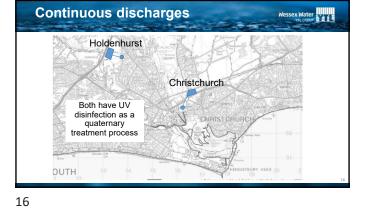


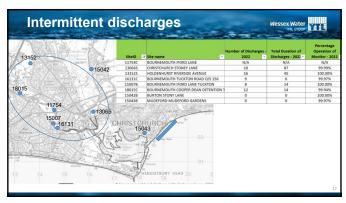
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	Bathing Wa Sites reaching the hig Source: Department fo		ellent or Good	
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Local pic	and the part of the	Chierce S	Wessex Water VTL CROUP
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2021 ★ ★ ★	exceller() to solution coll L000 L000 L000 L000 S00 S00 S00		
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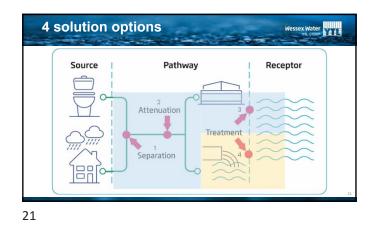


SiteID	Site name	Date new Govnt targets will be me
13066S	CHRISTCHURCH STONEY LANE	2030
131525	HOLDENHURST RIVERSIDE AVENUE	2024
16131C	BOURNEMOUTH TUCKTON ROAD O/S 156	2035
15007B	BOURNEMOUTH IFORD LANE TUCKTON	2030
18015C	BOURNEMOUTH COOPER DEAN DETENTION TANK	2030
15042B	BURTON STONY LANE	Targets already met
15043B	MUDEFORD GARDENS	Targets already met









Solutio	ns: relative	bene	fits	-	Wess	ex Water
		Relative Benefits Assessment				
Outcome	Solution	Water efficiency	Biodiversity	Customer bills	Embodied Carbon	Operational Carbon
Reduction in discharges	1. Separation (property level)	× .	× -	× .	× .	 Image: A second s
	1. Separation (community level)	×	 Image: A second s	×	× .	 Image: A second s
	2. Attenuation	x	×	x	x	x
	3. Treatment capacity increases at WRCs	×	×	x	×	x
Reduction in harm	4. Treatment at overflow: nature-based solutions	×	 Image: A second s	×	× .	 Image: A second s
	4. Treatment at overflow: grey solutions (e.g. UV)	×	×	x	x	×







