Appendix
Coastal bathing waters: non-statutory

YKY-PR24-DDR-32 -Coastal bathing waters non-statutory appendix

YorkshireWater

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1. Coastal bathing waters – non statutory

1.1 Introduction

Yorkshire Water cares deeply about the quality of our coastal bathing waters, which are invaluable to customers. Yorkshire Water has a statutory requirement to improve all 27 coastal overflows by 2035. In our business plan submission, we proposed to start improvements on all 27 overflows that have the potential to impact our coastal bathing beaches in AMP8, ahead of statutory requirements, starting improvements from 2025 rather than 2030. The delivery of this programme will cost £370 million from start to completion.

In our draft determination response, we have sought to accelerate the reduction of discharges from storm overflows by reallocating the £370m identified for coastal overflow improvements to tackle inland storm overflows with high numbers of discharges.

In order to progress delivering our coastal ambition in AMP8, we would need additional funding. The funding would be £370m additional to the current plan and be spent across 21 sites, delivering a 2 discharge per bathing water season on average solution, to comply with the SODRP requirements. This would deliver us an additional 445 discharge benefit. The schemes are not spill/cost beneficial due to the already low discharge volumes they have achieved by previous coastal investment and this means the remaining cost to deliver the remaining volume is higher. This is about achieving environmental improvements for our coastal bathing waters, not driving discharge reduction in the round.

- 21 sites
- c. £370m
- 445 discharges
- 2 discharges per bathing season target for SODRP

Table 1-1: Coastal Bathing Water Expenditure Costs

Asset	Bathing Water	AMP8 (£m)
SCARBOROUGH/STW	Scarborough	44.5
AQUARIUM TOP/CSO	Scarborough	2.7
BRIDLINGTON/STW	Bridlington	64.0
LIMEKILN LANE/NO 2 CSO	Bridlington	2.4
SANDS LANE BRID/CSO	Bridlington	3.4
SPRINGFIELD AVENUE2	Bridlington	85.8
BESSINGBY ROAD CSO	Bridlington	16.5
ST ANNES ROAD CSO	Bridlington	34.4
HILDERTHORPE ROAD CSO	Bridlington	16.2
FILEY TRANSFER CSO	Filey	13.1
HORNSEA CSO	Hornsea	45.5
NEW ROAD BRIDGE/CSO	Robin Hoods Bay	0.5
ROBIN HOODS BAY LWR/CSO	Robin Hoods Bay	2.8
ROYAL HOTEL CSO	Whitby	1.7

UPGANG LANE/NO 2 CSO	Whitby	1.8
WHITBY PIER ROAD/CSO	Whitby	2.8
CRESCENT TERRACE/CSO	Whitby	5.9
EAST CRESCENT/CSO	Whitby	1.4
ENDEAVOUR WHARF CSO	Whitby	16.1
ESPLANADE WHITBY/CSO	Whitby	1.8
MEMORIAL GDNS/CSO	Withernsea	5.9

Table 1-2: Non-statutory coast statistics

	Non-Statutory Coast
No of overflows improved	21
Cost (YWS submitted)£m	369
Discharges removed total	445
Discharge/£m	1.21
Storage Volume	98,122m^3
Storage Vol/£m	266m3

1.2 Bill impact

The cost to customers for delivery of these coastal overflow reductions in AMP8 would be about £4.10 per year or £0.34p per month. This is not included in our current costings or data tables.

1.3 Summary of Yorkshire Water's customer research on coastal storm overflows

In preparing our PR24 business plan, we conducted thorough research with a wide range of customers throughout Yorkshire, including households, businesses, future customers, and those facing affordability and vulnerability challenges.

Overall, customers are generally aware of the existence of storm overflows mostly through media scrutiny, however, they are generally misunderstood. They have limited knowledge of how and why they operate as the media tends to not explain why we have this infrastructure and how they protect customers' homes and towns from sewer flooding. They see discharges of any kind as a company failure and something that must be avoided. However, we've learned that once the function of overflows is explained to customers, they are generally accepting of the infrastructure and grateful their homes are protected but they want the use and reliance of these to be reduced over time.

In initial stages of our Ofwat Affordability & Acceptability Testing (AAT) we presented a range of optional investment areas to customers in addition to the already statutory programme we had to deliver - tackling coastal storm overflows in AMP8 was one of those options – delivering this activity five years ahead of our statutory requirements. Our customers supported this additional investment and in final AAT testing (which followed Ofwat guidelines); 78% of customers supported the plan, with this enhanced funding included in the overall customer bill impact.

In addition to this support for coastal storm overflows, we undertook some research outlining the detail of some of our most valued enhancement cases (ECs) to customers post-submission. Our coastal storm overflow EC was one of these presented. For transparency, we presented the case and the bill impact up to 2050 to customers so that they understood that supporting the EC would have cost implications over an extended timeframe. The results were conclusive: 87% of household customers supported the EC. Customers generally recognise the importance of this EC, with 89% believing it to be important. Most felt that the bill impact wasn't extreme, and a decline in costs overtime was reassuring.

Outside of household customers, our coastal storm overflows EC receives even stronger support from non-household customers (93%) and future customers (100%).

The quotes below demonstrate some of the reasons for this high level of support:

Furthermore, addressing coastal storm overflows is crucial to our stakeholders in Yorkshire, as evidenced by the endorsement letter (page 5) from the Yorkshire Leaders Board, which highlighted this activity as a significant area of support for our plan.

Therefore, we can confidently conclude that our ambition to address discharges from our coastal storm overflows EC ahead of 2030-2035 requirements has a very high level of customer and stakeholder support across different segments, even when the long-term bill impact is made clear. Customers value the environmental and social benefits of reducing discharges from storm overflows and protecting the quality of our coastal waters.