SRN32 Reservoir Safety Enhancement Business Case

2nd October 2023 Version 1.0





Contents

Co	ntents	2
Glo	ossary	3
Exe	ecutive Summary	4
1.	Introduction and Background	6
2.	Needs Case for Enhancement	9
3.	Best Option for Customers	12
	3.1. Options for increasing drawdown capacity	12
4.	Cost Efficiency	14
5.	Customer Protection	16
6.	Conclusion	17
Ар	pendix	19
/	Appendix A – Email from All Reservoirs Panel Engineer confirming scope for	
		19
/	Appendix B – Existing drawdown rate assessment for	20

List of Tables and Figures





Glossary

Acronym	Term
ARPE	All Reservoirs Panel Engineer
ASLL	Average Societal Loss of Life
DBA	Dam Break Assessments
DPC	Direct Procurement for Customer
EBC	Enhancement Business Case
ODI	Outcome Delivery Incentive
PAR	Population at Risk
PCD	Price Control Deliverable
SWRs	Surface Water Reservoirs
TPED	Third Party Economic Damage

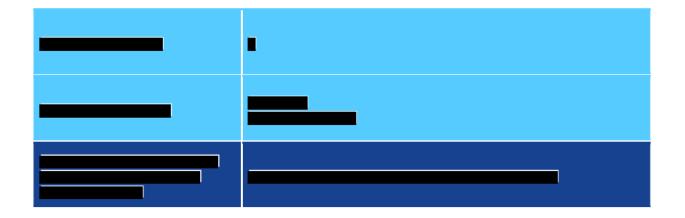


Executive Summary

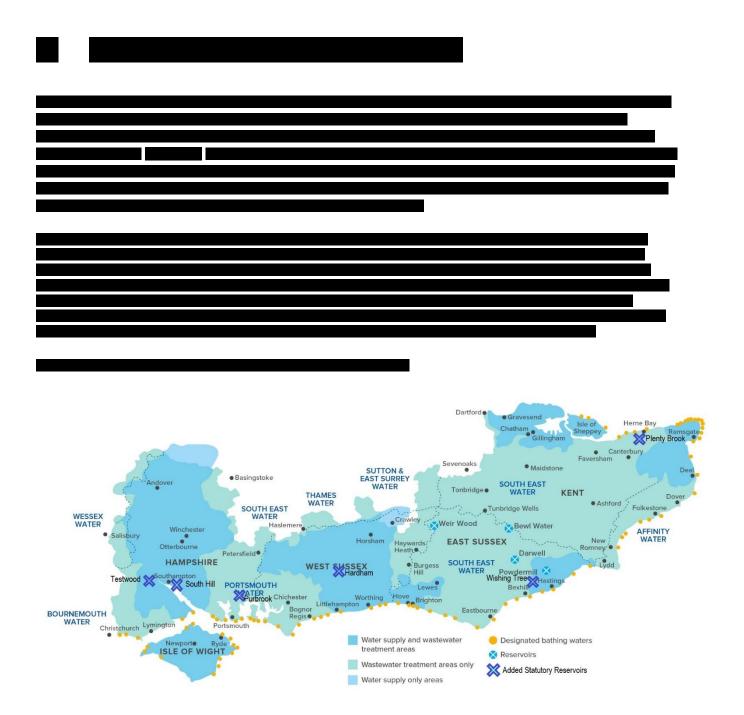
This Business Case sets out why we need £24.9m to improve reservoir safety during AMP8. This investment is supported by the independent All Reservoirs Panel Engineer (ARPE) who conducts the 10 yearly assessment of our Statutory Reservoirs in accordance with the Reservoirs Act 1975.













SRN32 Reservoir safety Enhancement Business Case

 -		

Section 19



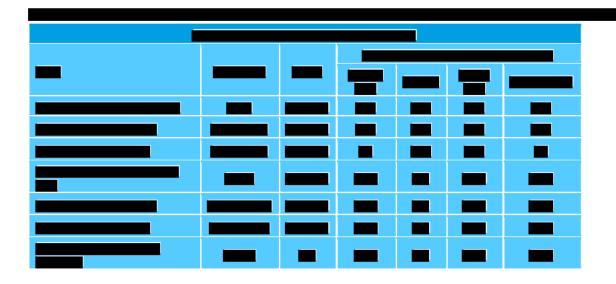
					≣	
=		-		_	-	



SRN32 Reservoir safety Enhancement Business Case









					-	
	÷		_			=
	-	Ŧ		Ē		



		-





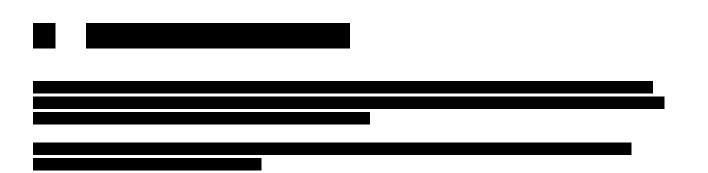














SRN32 Reservoir safety Enhancement Business Case









SRN32 Reservoir safety Enhancement Business Case













