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SOAF STAGE 1							
Details of assessment:		Asset condition surveys supported by hydraulic model assessment of the asset performance against available telemetry information (EDM and radar rainfall datasets).					
Permit Compliance							
PFF	Not Applicable - Assessment not required to progress to point of compliance review						
Storage	N/A						
Screening	Compliant						
Bespoke/Other	N/A						
SOAF Stage 1 findings							
<div>Primary Cause: OC Telemetry Secondary Cause: None</div> <p>Following the hydraulic model assessment, the cause of the high spills at the asset is concluded to be OC Telemetry, with no secondary cause of spills. The telemetry was reading a level of 162% from April 2019. The EDM unit was subsequently recorded as being broken and was in need of replacement.</p>							
Cause of spill count :		Other Cause	Yes	Catchment Hydraulic	No	Infiltration & IRP required	No
Future Operational Management Proposal:		SCOPEX PRISM indicates that the telemetry sensor appears to have been fixed in July 2021					
Operational intervention required:		None					
SOAF Operational Intervention							
Start Date:		N/A	Completion Date:	N/A	Indicative future annual spill performance (less than 40 do not continue to stage 2)		-
Intervention Description:		N/A					
Proposed Completion Date:	N/A	Data years to be excluded from future SOAF triggers calculations		N/A	Request to hold stage 2 surveys for environment recovery		N/A

SOAF STAGE 2						
Receiving Waterbody WFD Status			Moderate			
Stage 2a						
Aesthetic survey:	Spring	2021	Aesthetic Total score (inclusive of amenity classification, previous complaints & pollutions)	20	Low	
	Autumn	2021		20	Very Low	
Stage 2b				Yes / No unable due to culverted watercourse		
Invertebrate survey:	Spring	2021	Invertebrate survey score:	0	No Impact	
	Autumn	2021		6	Moderate	

Stage 2c Required:				Yes / No	
Stage 2c screening:	-	Progressed through screening?	Not Required	Stage 2c water quality assessment Score:	Not Required

SOAF STAGE 3 - STEP 1>3						
Options assessed	Rainscape		Traditional Storage	Y	PFF Increase	N
Equivalent storage volume required	Volume m3	Rainscape Cost		£ Cost	CBR	Ratio
Bespoke future trigger agreement	Number of spills	Traditional Storage		£ Cost	CBR	Ratio
		Other		£ Cost	CBR	Ratio
Key Constraints						
Future Active Management Proposal						

Conclusion and Future Spill Reduction Proposals					
Summary	<p>TALWRN ROAD NO 2 CSO was Shown to have a other cause issue resulting in higher spills which are expected to reduce once a resolution has been implemented. Once the assets New spill performance is established, if this is shown to still be in excess of 10 the impact of the asset will be established as part of DCWW's Storm Overflow Water Quality Assessment Strategy (SOWQAS) in AMP8</p>				
Asset Prioritisation Level	Priority 3			Delivery Predicted Period	AMP9/10
Asset NEP ID	DCWW102089a	Asset NEP Driver Code	W_U_O_IMP1	Detailed Design Predicted Period	AMP8/9
Progression to Stage 5 In AMP	No	Proposed Solution yet to be taken through detailed design developed			

SOAF AGREEMENT					
	Date	SOAF STAGE	Name	Contact Details	Location of Output
DCWW Approval	01/03/2024	Stage 1 - OC	Christian Phillips Adams	christian.phillipsadams@dwrcymru.com	Email
Regulator Liaison Date	Click here to enter a date				
CSO Classification					
Satisfactory	N	Unsatisfactory	Y	Sub Standard	N
		Any operation in dry weather conditions?	N	Does not meet modern standards of engineering and aesthetic control for storm overflow structures set out in the British standard BS EN 752:2017 drain and sewer systems outside buildings	N
		Any operation in breach of permit conditions?	N	Does not have sufficient hydraulic capacity compared to accepted minimum design standards	N
		Any significant visual or aesthetic impact due to solids or sewage fungus?	Y	Risks becoming unsatisfactory because discharges have increased beyond the original design due to infiltration, growth and urban creep	N
		Cause or significantly contributes to a deterioration in the biological or chemical status of the receiving water?	Y		
		Causes or significantly contributes to failures in bathing water quality standards for identified bathing waters?	N/A		
		Causes or significantly contributes to failures in shellfish quality standards for identified shellfish waters	N/A		
		Causes or significantly contribute to failures in water quality standards in coastal and transitional waters?	N/A		
		Causes pollution of groundwater?	N/A		