

ASSET INVESTIGATION DETAILS			
SAP Asset Name:	Pen-y-Maes Rd CSO		Asset Template reference CM0169601-HOLYWELL PEN Y MAES RD-PEN Y MAES GARDEN-2373-N-A-Flintshire & Wrexham
Investigation Type	SOAF (River)		
Year of breach:	2020	Spill Trigger cause:	-
Year of Investigation:	2022	Investigation year performance:	29
Population of Asset	459	Modelled Performance: (DESIGN) / (CALIBRATED)	N/A
Permit Details			
Storm Permit ID:	CM0169601	Storm Permit Name:	HOLYWELL PEN Y MAES RD/PEN Y MAES GARDEN
Asset NGR:	SJ1917075955	Waterbody ID	GB41102G204800
Discharge NGR:	SJ1920075900	Water body Discharge location	0
Brief description of asset (Screen, PFF flow control, Storage, outfall)			
Bifurcation Incoming Pipe: 150mm; CSO Type: Hole in wall; Screening: N/A; Flow Control: N/A ; PFF Pipe: 150mm			

SOAF STAGE 1						
Details of assessment:	Asset condition surveys supported by hydraulic model assessment of the asset performance.					
Permit Compliance						
PFF	Compliant					
Storage	N/A					
Screening	N/A					
Bespoke/Other	N/A					
SOAF Stage 1 findings						
Overflow pipe from the asset connects to a foul network. Asset is a bifurcation and not a CSO. It is recommended to remove the asset from SOAF scope and redesignation to bifurcation is required.						
Cause of spill count :	Other Cause	N/A	Catchment Hydraulic	N/A	Infiltration & IRP required	-
Future Operational Management Proposal:	None					
Operational intervention required:	None					
SOAF Operational Intervention						
Start Date:	Jan-00	Completion Date:	0	Indicative future annual spill performance (less than 40 do not continue to stage 2)	0	
Intervention Description:						
Proposed Completion Date:	Jan-00	Data years to be excluded from future SOAF triggers calculations		Request to hold stage 2 surveys for environment recovery		

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

Invertebrate survey:	Spring		Invertebrate survey score:		
	Autumn				
Stage 2c Required:				Yes / No	
Stage 2c screening:		Progressed through screening?		Stage 2c water quality assessment Score:	

SOAF STAGE 3 - STEP 1>3					
Options assessed	Rainscape		Traditional Storage		PFF Increase
Equivalent storage volume required		Rainscape Cost			CBR
Bespoke future trigger agreement		Traditional Storage			CBR
		Other			CBR
Key Constraints					
Future Active Management Proposal					

Conclusion and Future Spill Reduction Proposals					
Summary	N/A				
Asset Prioritisation Level	-			Delivery Predicted Period	-
Asset NEP ID	N/A	Asset NEP Driver Code	N/A	Detailed Design Predicted Period	-
Progression to Stage 5 In AMP	No	-			

SOAF AGREEMENT					
	Date	SOAF STAGE	Name	Contact Details	Location of Output
DCWW Approval	04/12/2023	N/A	Christian Phillips Adams	<a href="mailto:christian.phillipsadams@dwrcymru.com">christian.phillipsadams@dwrcymru.com</a>	Email
Regulator Liaison Date	<a href="#">Click here to enter a date</a>				
CSO Classification					
Satisfactory	N/A	Unsatisfactory	N/A	Sub Standard	N/A
		Any operation in dry weather conditions?	N/A	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/A
		Any operation in breach of permit conditions?	N/A	Does not have sufficient hydraulic capacity compared to accepted minimum design standards	N/A
		Any significant visual or aesthetic impact due to solids or sewage fungus?	N/A	Risks becoming unsatisfactory because discharges have increased beyond the original design due to infiltration, growth and urban creep	N/A
		Cause or significantly contributes to a deterioration in the biological or chemical status of the receiving water?	N/A		
		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		