



Llywodraeth Cymru
Welsh Government



RHONDDA CYNON TAF

Cardiff Road Attenuation Pond – Public Engagement

Agenda

Introductions

Background to the Project

Project Timeline

Proposal Overview

Contractor Information

Summary of Information

Introductions and Stakeholder Overview

Title	Stakeholder Name	Company
Scheme Client	Owen Griffiths	RCT - Flood Risk Management
Client Project Manager	Jordan Coffey	RCT - Strategic Projects
Principal Designer	Darren Miller	RCT - Strategic Projects
Principal Contractor	Richard Skyrme	Centregreat
	Danielle Singer	Centregreat
Local Councillors	Cllr Julie Cook	Local Member (Aberaman)
	Cllr Sheryl Evans	Local Member (Aberaman)
	Cllr Tina Williams	Local Member (Aberaman)
	Cllr Steve Bradwick	Local Member (Aberdare East)
	Cllr Victoria Dunns	Local Member (Aberdare East)

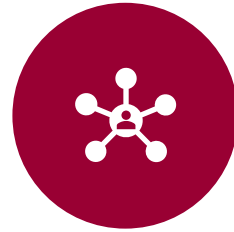
Background to the Project



MULTIPLE PROPERTIES ALONG CARDIFF ROAD EXPERIENCED FLOODING DURING STORM DENNIS IN 2020 AND STORM BERT IN 2024



APPROXIMATELY 59 PROPERTIES HOWEVER, ARE AT RISK WITHIN THE COMMUNITY



FOLLOWING FURTHER INVESTIGATION, IT WAS IDENTIFIED THAT THE EXISTING NETWORKS CAPACITY WAS NOT SUBSTANTIAL FOR THE CATCHMENT.



A LARGE AREA OF RCT OWNED LAND WAS IDENTIFIED UPSTREAM OF THE FLOODING LOCATION (SUNNYBANK ALLOTMENTS); POTENTIAL TO UTILISE LAND TO IMPROVE THE EXISTING DRAINAGE NETWORK AND REDUCE THE RISK OF FLOODING.



APPLICATION FOR FUNDING WHICH FACILITATED THE DESIGN AND DEVELOPMENT PHASE OF THE PROJECT.

Scope & Investment Objectives

Scope

The scope of the scheme includes construction of the following:

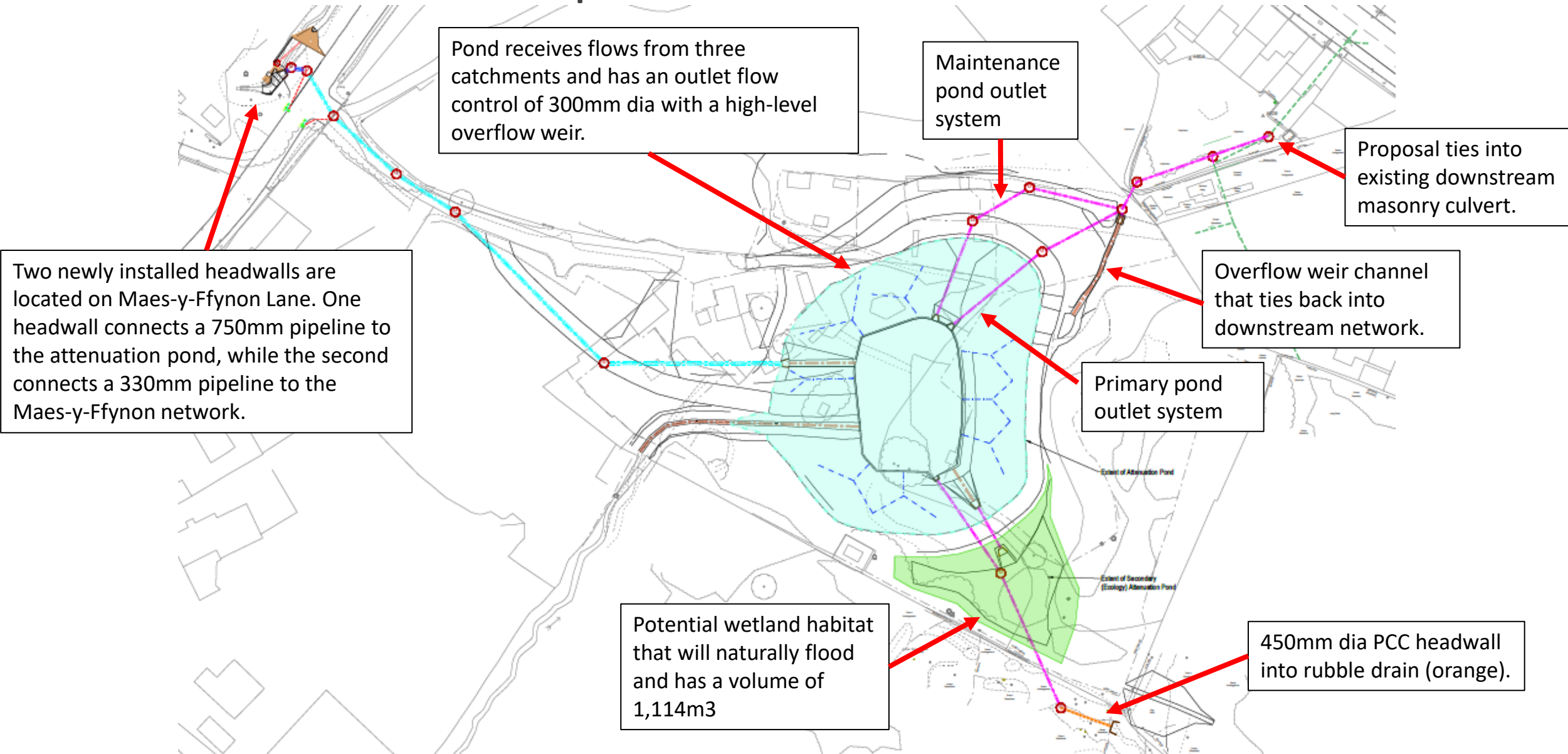
- Construction of an attenuation pond that will act as storage for the Maes-y-ffynon network.
- Upgrading the associated infrastructure (i.e. culverts, manholes, etc).
- Upgrading the inlet structure situated on Maes-y-ffynon Lane.

No	Investment Objective description	Met / Partly Met / Not Met
IO - 1	Reduce risk to life by reducing the number of people exposed to risk of flooding of significant depth and velocity.	Met
IO - 2	Reduce community disruption by reducing the amount of residential and commercial property exposed to flood risk.	Met
IO - 3	No detriment to downstream receiving River/Watercourse.	Met
IO - 4	Improve Community Resilience to Flood Events and Climate Change – promoting sustainability and Wellbeing.	Met
IO - 5	Deliver a preferred option that works with Natural processes and promotes green infrastructure.	Partly Met
IO - 6	Enhance local biodiversity and support the resilience of ecosystems services.	Met
IO - 7	Improve the resilience of flood risk assets against climate change - Promoting Accessibility and Low Maintenance requirements.	Met
IO - 8	Reduce the impact of climate change – mitigating the extent of the projects Carbon Footprint.	Partly Met
IO - 9	Improve Community Wellbeing through the enhancement of local amenity.	Partly Met

Project Timeline



Proposal – Overview



Summary of Information

Question	Answer
In summary what does the scheme consist of and what are you hoping to achieve?	To install an attenuation pond that will increase network capacity and greatly reduce the risk of flooding to the downstream network. The scope also includes improvements to the inlet structure and installation of infrastructure that will improve overland conveyance, thus controlling surface water flow, all of which will contribute to greater flooding resilience to the local area.
When will the works be completed?	The current estimate is April 2027
What is the total cost of the project?	The current estimate is £2,000,000.
How is the scheme being funded?	Welsh Government funding; Major Pipeline Projects, 15% RCT, 85% Welsh Government.
Am I likely to experience any disruption?	The vast majority of the works is self contained within RCT owned land, however there is a small element on Maes-y-Ffynon Lane that will require traffic management. Two-way lights will be in place for a short period of time, so vehicle users on Maes-y-Ffynon Lane may experience some minor disruption. If you live in close proximity to the site, you may occasionally hear general site activity. However, noise mitigation measures will be in place, and noise levels will be monitored by the site team to minimise disruption.
What is the capacity of the pond?	Total water retention is 6,600m ³ at Q100+30%. This includes 1,114m ³ of the wetlands habitual volume.

Contractor Information

Who are we?

- Family owned companies with 2nd and 3rd generations involved
- 40+ years experience in industry
- Welsh headquarters (Depots in Bridgend, Pyle, Cardiff, Newport, Cwmbran, Swansea, North Wales, Somerset & Scotland)
- Multi-disciplined contractor
- Approx. 650 staff across the group.
- Principal contractor to the client RCT



Meet The Team



Our Capabilities

Street lighting – install, commission & maintain local authority, construction & development contracts

Roadside communications – technology connectivity & enablement – cabling, installation, commissioning & maintenance

Traffic signals – install, commission & maintain

Traffic Management – design, install & maintain

M&E – historically in rail for stations & technology, recently expanded outside rail

Civil engineering – projects & frameworks (predominantly highways & urban regeneration)

Bridges & structures – engineering (predominantly steel) for highways, rail & marine infrastructure

Rail – design & construction in relation to structures (e.g. station platforms)

Our values



Trust – we say and deliver what we mean, keep promises and treat people with respect

Integrity – build trust through responsible actions and honesty

Loyalty – Family focused business , we work as a team and deliver as a team

Lead by example

Relationships – build long term relationship with colleagues and clients

Our People – you are our biggest asset!



Thank you for
your time

Any Questions?