

Cabinet

2nd Rhagfyr 2024

Pwnc

Ymchwiliad Adran 19 Cyngor Sir Caerfyrddin i lifogydd yn 34 eiddo yn Llansteffan dros gyfnod y Flwyddyn Newydd 2023/24.

Y Pwrpas:

Gwerthuso'r achos a'r ymateb i'r digwyddiadau llifogydd a ddigwyddodd ar 30 Rhagfyr 2023 ac 2 Ionawr 2024, a gwneud argymhellion yn unol â hynny.

Yr argymhellion / penderfyniadau allweddol sydd eu hangen:

Bod y cabinet yn cymeradwyo adroddiad yr ymchwiliad cyn ei gyhoeddi.

Y Rhesymau:

Mae cyhoeddi adroddiad yr ymchwiliad yn ofyniad statudol. Mae'r adroddiad yn cyflwyno nifer o argymhellion ar gyfer camau gweithredu i reoli perygl llifogydd yn well yng nghymuned Llansteffan. Mae'r camau hyn i'w cyflawni gan CSC ac Awdurdodau Rheoli Risg sy'n bartneriaid, ac felly bydd angen cymeradwyaeth a chefnogaeth y Cyngor.

Angen i'r Cabinet wneud penderfyniad OES

Angen i'r Cyngor wneud penderfyniad OES

YR AELOD CABINET SY'N GYFRIFOL AM Y PORTFFOLIO:-
Y Cynghorydd Aled Vaughan Owen a'r Cynghorydd Edward Thomas

Y Gyfarwyddiaeth:

Enw Pennaeth y Gwasanaeth:

Awdur yr Adroddiad:

Swyddi:

Rhodri Griffiths
(Pennaeth Lle a
Chynaliadwyedd)

Cath Abbott (Rheolwr
Rhaglen FCERM -Gwaith
Cyfalaf)/Arcadis
Consultants

Ffôn:

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Executive Summary

SUBJECT

Carmarthenshire County Council's S19 Investigation into flooding events in Llansteffan over New Year 2023-24.

1. BRIEF SUMMARY OF PURPOSE OF REPORT.

S19 of the Flood and Water Act 2010 requires that all lead local flood authorities carry out an investigation into flooding that occurs in their area, to the extent that it considers necessary. CCC, as a lead local flood authority will carry out an S19 investigation when 20 or more properties are flooded internally in a community.

Approximately 34 properties in Llansteffan were affected by flooding to various extents across the 2 storms over New Year in 2023/24.

The investigation carried out 3 stakeholder engagement sessions with affected residents in April 2024 and identified the key hydrological processes and events that led to the flooding of properties on the Green, upstream of the Green and at Ferry Point.

The investigation has also considered how the relevant Risk Management Authorities and emergency services responded during and after the flooding. A suite of recommendations is proposed to improve flood risk management in the area, build community resilience and review ongoing maintenance and operational activities.

Although the rainfall events on the 30th December 2023 and the 2nd January 2024 were not exceptional, 19mm and 32mm respectively, they were preceded by the wettest few months in Carmarthenshire in 189 years (NRW, 2024). This meant the ground was saturated prior to the New Year period leading to large volumes of surface water runoff being generated following rainfall on the catchment.

The flooding that occurred was generally the result of increased surface water flows entering various watercourses which could not cope and overtopped. Understanding the impacts that different land uses had on this is work for the future. Flooding was worsened by the fact that the key outfall draining the surface and flood water was buried under the beach and floodwater from the first storm wasn't effectively drained ahead of the second storm.

Feedback from the public consultations highlighted that many residents felt there was a lack of co-ordination and information sharing between the responders CCC, NRW, DCWW and the Fire Service and they were not prepared for flooding, did not know what to do or who to contact.

The investigation report concludes with 10 actions relating to Flood Risk Management, 6 recommendations relating to Community Resilience, and 11 actions relating to Operation and Maintenance. CCC will manage the delivery of these actions via the multi-agency project group which they will continue to chair in the short term.

DETAILED REPORT ATTACHED?

YES

S19 Investigation Report and Appendices

IMPLICATIONS

I confirm that other than those implications which have been agreed with the appropriate Directors / Heads of Service and are referred to in detail below, there are no other implications associated with this report:

Signed: Rhodri Griffiths

Head of Place & Sustainability

Policy, Crime & Disorder and Equalities	Legal	Finance	ICT	Risk Management Issues	Staffing Implications	Physical Assets	Bio-diversity & Climate Change
NONE	YES	YES	NONE	NONE	NONE	YES	YES

2. Legal

S19 of the Flood and Water Management Act 2010 requires all Local Authorities to publish S19 investigation reports.

3. Finance

There will be financial implications associated with implementation of the recommendations. In the short term it is estimated that an additional £135k will be required for increased maintenance activities and follow up studies, which is in addition to the £150k already spent post the event.

In the medium to long term, we will seek funding through Welsh Government Pipeline and Small Scale Grant programmes to upgrade poorly performing flood defence assets, and to develop and implement long term sustainable flood mitigation solutions.

Actions	Cost estimates (30 May 2024)
Surface water drainage network investigation	£50k
Nant Jac hydrology and land management investigation	£50k
Explore options at Ferry Point	£20k
Improve response coordination and flood event contact procedures	BAU
Develop a Flood community Group & Plan	£10k
Pump mobilisation Plan	Pump £80k (purchased)
Sand management Plan	£5k (NB £8-10k per tidal cycle currently).
Highway gully management	BAU
Total	£135k

7. Physical Assets

The actions in the report have included further studies of the surface water systems and the Nant Jac. Without wanting to pre-judge what these studies will conclude, it is expected that key drainage and flood risk assets will need to be upgraded and new flood risk assets constructed.

8. Biodiversity and Climate Change

CCC have a commitment to support nature-based solutions and sustainable drainage as part of its flood risk management strategy. These more modern ways of managing flood risk place biodiversity and amenity as a project priority along with flood risk management and water quality.

As such, our interventions to manage flood risk via this S19 should seek to maintain and enhance biodiversity in line with section 6 of the Environment Act, and the Council's declaration of a Nature Emergency.

Our flood risk studies, interventions and / or designs will incorporate climate change allowances and factors as standard, thus ensuring new assets and infrastructure are future proofed.

CONSULTATIONS

I confirm that the appropriate consultations have taken in place and the outcomes are as detailed below

Signed: Rhodri Griffiths Head of Place & Sustainability

1. Scrutiny Committee request for pre-determination	NO
Scrutiny Committee	
Date the report was considered:-	
Scrutiny Committee Outcome/Recommendations:-	

2. Local Member(s)

None

3. Community / Town Council

None

4. Relevant Partners

Natural Resources Wales, Dwr Cymru Welsh Water, and the Mid and West Wales Fire Service site with members of CCC on a multi-agency project board that has overseen, guided and contributed to the development of this report.

5. Staff Side Representatives and other Organisations

None

CABINET MEMBER PORTFOLIO HOLDER(S) AWARE/CONSULTED		
YES		
Section 100D Local Government Act, 1972 – Access to Information List of Background Papers used in the preparation of this report:		
THERE ARE NONE		
Title of Document	File Ref No.	Locations that the papers are available for public inspection