



Essex County Council

Essex Flood Partnership Board

10:00	Thursday, 09 July 2020	Online Meeting
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Please do not attend County Hall as no one connected with this meeting will be present.

For information about the meeting please ask for:

Lisa Siggins, Democratic Services Officer

Telephone: 033301 34575

Email: democratic.services@essex.gov.uk

Essex County Council and Committees Information

In accordance with the Local Authorities and Police and Crime Panels (Coronavirus) (Flexibility of Local Authority and Police and Crime Panel Meetings) (England and Wales) Regulations 2020, this meeting will be held via online video conferencing.

Accessing Documents

If you have a need for documents in, large print, Braille, on disk or in alternative languages and easy read please contact the Democratic Services Officer before the meeting takes place. For further information about how you can access this meeting, contact the Democratic Services Officer.

The agenda is also available on the Essex County Council website, www.essex.gov.uk. From the Home Page, click on 'Running the council', then on 'How decisions are made', then 'council meetings calendar'. Finally, select the relevant committee from the calendar of meetings.

		Pages
1	Online meeting protocol and software functionality	
2	Membership, Apologies, Substitutions and Declarations of Interest	3 - 3
3	Minutes 30.01.20 To approve as a correct record the Minutes of the meeting held on 30th January 2020.	4 - 8

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| 4 | ECC Flood Team Covid 19 operational update
To receive a presentation from Tim Simpson, Lead Local Flood Authority Manager on the impact that Covid -19 is having on the Delivery of ECC floods services. | |
| 5 | SuDS Design Guide Update
To receive a presentation from Lee Sencier, Development and Flood Risk Manager, on the progress and key changes to the Essex SuDs Design Guide. | |
| 6 | 2020-21 Essex Capital Flood Programme update
To receive a report (EFPB/03/20) and a presentation from Dave Chapman, Project Delivery Manager, on the progress of schemes in the Capital Programme. | 9 - 11 |
| 7 | Any Other Business | |
| 8 | Date of next meeting
To note that the next meeting is scheduled for Thursday 15th October at 10 am, either online or at County Hall, Chelmsford. | |

Exempt Items

(During consideration of these items the meeting is not likely to be open to the press and public)

The following items of business have not been published on the grounds that they involve the likely disclosure of exempt information falling within Part I of Schedule 12A of the Local Government Act 1972. Members are asked to consider whether or not the press and public should be excluded during the consideration of these items. If so it will be necessary for the meeting to pass a formal resolution:

That the press and public are excluded from the meeting during the consideration of the remaining items of business on the grounds that they involve the likely disclosure of exempt information falling within Schedule 12A to the Local Government Act 1972, the specific paragraph(s) of Schedule 12A engaged being set out in the report or appendix relating to that item of business.

Agenda item 1

Committee: Essex Flood Partnership Board

Enquiries to: Lisa Siggins, Democratic Services Officer

Membership, Apologies, Substitutions and Declarations of Interest

Recommendations:

To note

1. Membership as shown below
2. Apologies and substitutions
3. Declarations of interest to be made by Members in accordance with the Members' Code of Conduct

Membership	
Cllr Simon Walsh	Essex County Council
John Meehan	Essex County Council
Lucy Shepherd	Essex County Council
Peter Massie	Essex County Council
Peta Denham	Environment Agency
Rachel Keen	Environment Agency
tbc	Thames Water
Jonathan Glerum	Anglian Water
Mark Eaglestone	Essex County Fire and Rescue Service
Cllr Jack Ferguson	Basildon Borough Council
Cllr Wendy Schmitt	Braintree District Council
tbc	Brentwood Borough Council
Cllr Andrew Sheldon	Castle Point Borough Council
Cllr Mike Mackrory	Chelmsford City Council
Cllr Lee Scordis	Colchester Borough Council
Cllr Nigel Avey	Epping Forest District Council
Cllr Danny Purton	Harlow District Council
Cllr Sue White	Maldon District Council
Cllr Arthur Williams	Rochford District Council
Cllr Nick Turner	Tendring District Council
Cllr Gary Collins	Thurrock Council
Cllr Martin Terry	Southend on Sea Borough Council
Cllr Neil Reeve	Uttlesford District Council

Minutes of the meeting of the Essex Flood Partnership Board (Private Meeting), held in Committee Room 1 County Hall, Chelmsford, CM1 1QH on Thursday, 30 January 2020

Present:

Members of the Board:

Cllr Simon Walsh (Chairman)	Essex County Council
Jonathan Glerum	Anglian Water
Cllr Simon Hart	Castle Point Borough Council
John Meehan	Essex County Council
Cllr Danny Purton	Harlow District Council
Cllr Neil Reeve	Uttlesford District Council
Cllr Nick Turner	Tendring District Council
Cllr Arthur Williams	Rochford District Council

Other persons present (having signed the attendance book)

Trudie Bragg	Castle Point Borough Council
Simon Curl	Environment Agency
James Ennos	Tendring District Council
Damien Ghela	Maldon District Council
Beth Healey	Lakeside Flood Solutions
Stephanie Kober	Suffolk County Council
James Mason	Environment Agency
Jo Matthews	Southend Borough Council
David Prudence	Essex Highways
Jayne Rogers	Essex County Council
Lee Sencier	Essex County Council
Tim Simpson	Essex County Council
Lisa Siggins	Essex County Council – Democratic Services
Mandy Thompson	Epping Forest District Council
Navtes Tung	Thurrock Council
Angela Warlow	Lakeside Flood Solutions

1 Membership, Apologies, Substitutions and Declarations of Interest

The report of the Membership, Apologies, Substitutions and Declarations was received, and It was noted that

1. Cllr Nick Turner is the new Tendring representative
Cllr Neil Reeve is new Uttlesford representative

2. The following apologies were noted:

Councillor Nigel Avey – Epping Forest

Councillor Rose Moore- Chelmsford District Council

Councillor Sue White – Braintree District Council

Paul Hayden -RFCC

Moiria Bruin– Essex County Fire and Rescue Service

Peta Denham - Environment Agency James Mason attending as substitute

Peter Massie – Essex County Council

Rachel Keen – Environment Agency

3. There were no declarations of interest.

2 Minutes

The minutes of the meeting held on 3rd July 2019 were agreed as a correct record and signed by the Chairman.

3 Property Flood Resilience Delivery

The Board received a presentation from Angela Warlow, Operations Manager and Beth Healey for Lakeside Flood Solutions who deliver Property Flood Resilience on behalf of Essex County Council and Partners on the delivery of Property Flood Resilience.

The presentation can be found [here](#).

The Board were advised that the scheme is now in its fifth year and that a key challenge is driving uptake of the scheme. Previously there had been a long waiting list, but this is no longer the case. The Board discussed this issue and members agreed to raise the issue within their relevant Districts.

The Chairman advised that he raise the issue with his Cabinet colleagues, and John Meehan confirmed that feedback on the challenges would be given to the Board at a future meeting.

The Chairman thanked Ms Warlow and Ms Healey for their presentation.

4 Green Essex Strategy Update

The Board received report (EFPB/01/20) and presentation from Jayne Rogers, Environment Officer and John Meehan, Head of Sustainability and

Resilience, on the progress with the Green Infrastructure Strategy and Delivery and organisation of the Essex Forest Initiative.

The Board were advised that the purpose of the strategy is to understand the values our current green infrastructure provides and its potential to provide in the future in terms of environmental, social and economic benefits. The aim is to guide and shape planning and other services through setting principles that can inform plans and strategies to enhance, protect and create an integrated network of high-quality GI in Essex.

The strategy is accompanied by an action plan which sets out priority actions which is also the basis of the Place & Public Health Business actions over the next 15 years.

The strategy went out to public consultation in May 2019 for a period of 9 weeks and is now in final draft form.

The governance process will seek support and sign-off by the Executive Director and Portfolio Holder, Councillor Simon Walsh and put on the Forward Plan in order to present to Cabinet for 17 March 2020.

Once the strategy has been adopted the action plan, which sets out a programme of actions for implementation of the Green Essex Strategy will be further developed and formalised to achieve GI objectives.

The presentation formed [Appendix A](#) to the above report

The Board discussed the Strategy and the issue of funding and maintenance of coastal paths was raised. This was clarified and the Board were advised that 25% of funding is required from ECC.

In response to a Member question, John Meehan clarified that if trees are planted correctly and with the use of mulching, they should thrive without watering. The Board were also advised that contact has been made with Essex Highways regarding the re-forestation of highways.

The Chairman thanked Ms Rogers and John Meehan for the presentation and update.

The Board **NOTED** the report.

5

Essex Capital Flood Programme 2019-20 update

The Board receive report (EFPB/02/20) from Dave Chapman, Project Delivery Manager, on the progress of schemes in the Capital Programme, which was presented by Tim Simpson.

John Meehan gave the Board some background information and advised that the scheme was currently in year 5. Year 6 has yet to be approved by the Investment Board and feedback will be given to the Board once the decision has been made. He advised that it is hoped that in the next

financial year there will be 50% external funding, with partnership working being the key to success.

The Board were shown pictorial examples of completed schemes and advised that positive publicity had been received.

The Board **NOTED** the report.

6 Asset Management Period 7 (AMP7) Funding Update - Anglian Water Update

The Board received an update from Jonathan Glerum, Regional Flood Risk Manager for Anglian Water, on Ofwat's decision about funding for Asset Management Period 7 and how this affects flood funding in the region.

Mr Glerum gave a recap of AMP6 and stressed the importance of partnership working in connection with funding. He stressed that Anglian Water wanted to do similar in respect of AMP7(2020-2025).

Mr Glerum explained that the AMP7 plan was submitted to the water regulator, Ofwat in September 2018. He advised that in their initial response, they proposed to remove partnership funding, and that Anglian Water responded to protest about this issue. Thereafter, £12.1m was agreed in respect of partnership funding to manage flood risk.

He advised that there are lots of challenges ahead and that Anglian Water would work closely with ECC. He also explained that Ofwat have included a funding incentive which is linked to delivery, which will need to be returned if the terms are not adhered to.

The Chairman thanked Mr Glerum for his update.

7 Thurrock Tidal Breach

The Board received a presentation from Navtej Tung, Principal Transport Planner for Thurrock Council, on a recent breach of the sea wall within Thurrock Council's administrative area and the impact that this has had on the Council.

Mr Tung gave details of the River Thames overtopping which occurred in September 2019, and explained the challenges encountered thereafter.

The Board discussed the issues raised and were advised that the land in question is earmarked for a Compulsory Purchase Order by Lower Thames Gateway.

Clr Turner suggested that the Coastal Concordat for England may provide some guidance.

The presentation can be found [here](#).

The Chairman thanked Mr Tung for his presentation.

8 Any Other Business

Cllr Reeve raised a local issue, which David Prudence confirmed that he would discuss with him following the meeting.

9 Date of next meeting

The Board noted that the next meeting will be held on Thursday 30th April 2020 at 10.00am County Hall, Chelmsford.

The meeting closed at 12.10pm

Chairman

Report title: 2020/21 Essex Capital Flood Programme update	
Report to: Essex Flood Partnership Board	
Report author: <i>David Chapman Project Delivery Manager</i>	
Date: 09 July 2020	For: Discussion
Enquiries to: <i>John Meehan Head of Sustainability and Resilience</i> john.meehan@essex.gov.uk , 07827 976397	
County Divisions affected: 'All Essex'	

1. Purpose of report

- 1.1. To update the Flood Board on the 2020/21 Capital Flood Programme.

2. Background

2.1 The initial 5 years of the capital programme is now complete. Over this period, we have delivered several projects ranging in size and complexity, been nominated and won awards but we continue to push the boundaries in terms of design interventions and achievable benefits. In order to deliver schemes on the Flood Programme, we are using a number of consultants and in-house expertise to design and build individual projects.

2.2 The Capital Flood Programme is broken down into 2 elements

- 1) Property Flood Resilience (PFR) is a scheme that offers residents of previously flooded properties an opportunity to apply for individual property protection. The applications are then vetted and prioritised.
- 2) Capital funded Flood Alleviation Schemes (FAS) forms the bulk of our programme; this area focuses on delivering projects on the ground in the areas most at risk of surface water flooding. Below is more specific detail on the Capital Programme FAS.

3. External funding update for capital schemes

3.1 Over the completed five years of the programme, we have developed strong working relationships with a wide range of stakeholders such as the Environment Agency, Anglian Water and District Councils. During this process the Flood and Water Management team has been able to attract external contributions and income to support a number of functions, these include

- Feasibility and assessment studies
- Delivery of capital flood alleviation schemes
- Delivery of the Property Level Protection project

We had an initial target of generating 25% of our annual budget from external stakeholders such as those mentioned above. The difference in 2020/21 is that the funding from ECC has been deferred for a year so we must generate all funds from external sources. We have submitted a bid to central government for £3.6m which if successful will enable us to continue with the 2020/21 as originally programmed. We should have a decision by the next flood board.

Previous contributions to the flood programme are as follows;

- £125,771 contributions secured in 2014/15
- £225,227 contributions secured in 2015/16
- £436,490 contributions and income secured in 2016/17
- £1.63m contributions secured in 2017/18
- £1.57m contributions secured in 2018/19
- £1.53m contributions secured in 2019/20

3.2 Delivery programme

- West Mersea – Planning permission has been obtained. Work is continuing on securing the site for the storage container.
- West Horndon – Legal discussions have now progressed, and delivery is programmed for 2020/21.
- BAS17 Pitsea phase 2 – The scheme is complete and fully operational. The project has generated FDGiA funding from our EA partners.
- River Slade – Site clearance is complete, and we have a provisional start date of the 3rd August. The project has generated FDGiA funding from our EA partners.
- MAL2 Maldon Central – Work began on site on the 18th May. Connection to the AW system is complete and work has started on the detention basin.
- Wivenhoe – This is a small scale NFM project that will install 3 leaky dams. Our EA partners are also looking at upsizing culverts downstream of the dams.

4 Flood programme summary

4.1 The flood programme has finished its 5th year. During the current programme we have demonstrated the success achieved and the benefits delivered to residents of Essex. The current programme has seen over 75 sites investigated for the potential to deliver capital schemes. The knowledge gained from these projects will help to unlock more funding in the future and reduce the risk of surface water flooding to more residential properties in Essex.

4.2 By the end of the current programme, if our bid to central government is successful, we will have generated £9.0m pounds worth of external funding will have been realised through the delivery of schemes and reduced surface water flood risk to over 1400 residential properties.

5 Good news story

5.1 The BAS17 Pitsea scheme is now complete. The Pitsea scheme consists of 2 earth bunds with landscaped attenuation areas behind. The bunds are connected by a swale and can hold up to a combined storage volume of 2650m³. the scheme has been designed to reduce surface water flooding to 48 properties in a 1:20yr storm event. The scheme was designed to be material neutral, which meant minimal volumes of material were imported or exported.

6 Recommendation

6.1 For Essex Flood Board Members to note the successes of the capital programme. Including this year's achievements we have reduced surface water flood risk to over 1400 properties and generated more than £9.0m worth external funding . Using the lessons learned, combined with developing stronger partnership working the aim is to continue the upwards trend and we hope to retain this level of service, and where possible improve it for future years.