



Essex County Council

Essex Flood Partnership Board

10:00	Wednesday, 03 April 2019	Committee Room 1, County Hall, Chelmsford, CM1 1QH
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For information about the meeting please ask for:

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		Pages
1	Membership, Apologies, Substitutions and Declarations of Interest	4 - 4
2	Minutes To approve as a correct record the Minutes of the meeting held on 23rd January 2019.	5 - 9
3	Essex SuDS Guide Review To receive an update from Tim Simpson, Development and Flood Risk Manager on the review of the Essex SuDS Guide.	
4	Essex Property Level Resilience update To receive a report (EFPB/06/19) and presentation from Dipo Lafinhan, Commercial & Project Development Officer and Charlotte Palmer, Flood Investigation Engineer, on the progress of the new Property Level Resilience Contract and delivery.	10 - 12
5	2018-19 Essex Capital Flood Programme To receive a report (EFPB/07/19) and a PowerPoint presentation from Dave Chapman, Project Delivery Manager, on the progress of schemes in the Capital Programme.	13 - 16

6 Any Other Business

7 Date of Next Meeting

To note that the next meeting of the Board will be held on Wednesday 3rd July 2019 at 10.00am 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.

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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
Graeme Kasselmann	Thames Water
Jonathan Glerum	Anglian Water
Dave Bill	Essex County Fire and Rescue Service
Cllr Dr Richard Moore	Basildon Borough Council
Cllr Wendy Schmitt	Braintree District Council
Cllr Tony Sleep	Brentwood Borough Council
Cllr Ray Howard	Castle Point Borough Council/ECC
Cllr Neil Gulliver	Chelmsford City Council
Cllr Lee Scordis	Colchester Borough Council
Cllr Nigel Avey	Epping Forest District Council
Cllr Danny Purton	Harlow District Council
Cllr Andrew St Joseph	Maldon District Council
Cllr Arthur Williams	Rochford District Council
Cllr Mick Skeels	Tendring District Council
Cllr Gary Collins	Thurrock Council
Cllr Martin Terry	Southend on Sea Borough Council
Cllr Vic Ranger	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 Wednesday, 23 January 2019

Present:

Members of the Board:

Cllr Simon Walsh (Chairman)	Essex County Council
Peta Denham	Environment Agency
Cllr Ray Howard	Castle Point Borough Council
Graeme Kasselmann	Thames Water
Peter Massie	Essex County Council
John Meehan	Essex County Council
Cllr Richard Moore	Basildon District Council
Cllr Danny Purton	Harlow District Council
Cllr Andrew St Joseph	Maldon District Council
Lucy Shepherd	Essex County Council
Cllr Arthur Williams	Rochford District Council

Other persons present (having signed the attendance book)

Trudie Bragg	Castle Point Borough Council
David Chapman	Essex County Council
Cllr Mark Durham	Maldon District Council and ECC
Kim Durrani	Epping Forest District Council
Dean James	Harlow District Council
Shirley Hall	Maldon District Council
Paul Hayden	RFCC
Oladipo Lafinhan	Essex County Council
Matthew Phipps	Southend Borough Council
David Prudence	Essex Highways
Lee Sencier	Essex County Council
Tim Simpson	Essex County Council
Lisa Siggins	Essex County Council – Democratic Services
Rob Wesley	Water UK

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 Lee Scordis was the new Colchester Borough Council representative.

2. The following apologies were noted:

Cllr Wendy Schmitt – Braintree District Council
Cllr Vic Ranger -Uttlesford District Council
Cllr Lee Scordis– Colchester Borough Council
Cllr Nigel Avey – Epping Forest District Council

3. There were no declarations of interest.

2 Minutes

The minutes of the meeting held on 5th July were agreed as a correct record and signed by the Chairman.

3 Basildon Hospital SPONGE 2020 Project Update

The Board received a report (**EFPB/01/19**) and PowerPoint presentation from Lee Sencier, Surface Water Planning Engineer on the completion of the SPONGE 2020 project at Basildon Hospital.

The Board were informed that the project is located in the Cardiothoracic Centre at Basildon and Thurrock University Hospital, Basildon. The project comprises of two parts, the first is the improvement of two existing courtyards in the Cardiothoracic Centre (CTC) and the second is re-instatement of a former washland area on Dry Street, both to include Sustainable Drainage System (SuDS) features that will provide water quantity, quality, amenity and biodiversity benefits to staff, patients and visitors to the hospital.

The presentation gave an overview of the delivery of both parts of the projects and included plans and “before and after” pictorial examples of each part of the project.

The Board felt that this was an excellent scheme with numerous benefits. John Meehan echoed this and mentioned that it was envisaged that the project would be put forward for appropriate awards.

The Chairman thanked Mr Sencier for his presentation.

The Board **NOTED** the report

4 **SuDS Lean Review**

The Board received a report (**EFPB/02/19**) and Prezi presentation from Lucy Shepherd, Lead Local Flood Authority Manager on the latest SuDS Team process review and prioritised improvement activity.

Lucy Shepherd advised Members that last year a new learning project commenced which focussed on a new way of thinking and dealing with challenges. This has now moved onto a review of ECC's SUDS consultation process. The focus is making sure ECC achieve the most efficient service it can, without compromising quality for its customers.

The presentation gave an overview of the process with examples of how the review will identify issues and justify possible improvements. It also highlighted a current problem being 68% of consultations are 'not right first time'. Consequently, Lucy spoke about the process of developing solutions and improvements, and the process of them being implemented.

The Board felt that this was a very good project, with Lucy Shepherd encouraging them to provide feedback and ideas in the forthcoming months. Peta Denham from EA was excited about the project and asked Lucy if she could present at an EA team meeting.

The Board **NOTED** the report.

5 **Essex Capital Flood Programme update**

The Board received a report (**EFPB/03/19**) and a verbal update from Dave Chapman, Project Delivery Manager, on the progress of schemes in the Capital Programme. Mr Chapman advised that the above-mentioned report contained all the relevant information and welcomed questions from the Board.

In response to a question regarding funding, the Board were advised that a revised funding programme for 2019/2020 had been agreed as it was the final year of the 5 year programme, but nothing had been agreed beyond that.

Councillor Purton offered his thanks with regards to collaborative working and drew the Board's attention to the recent Small Project of the year award that was awarded to the Kingsmoor scheme.

The Board **NOTED** the report and the update.

6 **Essex Flood Property Level Resilience project**

The Board received a report (**EFPB/04/19**) and a verbal update from Diplo Lafinhan, Commercial & Project Development Officer, on the progress of the new Property Level Resilience Contract and delivery.

The Board were advised that following a procurement process a new supplier, Lakeside Flood Solutions had been awarded the contract. Mr Lafinhan gave the Board an overview of progress made and that full details were contained in the above-mentioned report.

Members were also informed that ECC are delivering 18 PLR projects in Felixstowe on behalf of Suffolk County Council and work in the Thames RFCC area.

The Board **NOTED** the report and the update.

7 Green Essex Strategy

The Board received a report (**EFPB/05/19**) and PowerPoint presentation (which was included in the agenda pack) from John Meehan, Head of Sustainability & Resilience, and Jayne Rogers, Environment Officer regarding the new Green Infrastructure Strategy for Essex.

John Meehan introduced this item and advised the Board that the purpose of the report and presentation was to raise awareness on the development of a Green Infrastructure (GI) Strategy called the Green Essex Strategy and to highlight opportunities of GI to alleviate flooding.

Jayne Rogers gave a PowerPoint presentation which included the following:

- A definition of Green Infrastructure
- Why a GI strategy is needed
- Vision and objectives
- GI assets of Essex
- The benefits of GI
- GI stakeholder engagement
- Delivery of the strategy

Mr Meehan explained that there was a strong link between flood management and GI and encouraged the Board to inform others of the strategy and to provide feedback on it once it had been circulated.

A discussion followed which included the issue of agricultural land. It was suggested that support could be obtained from this sector, and that organisations such as the NFU and CLA should be contacted in this regard.

The topic of footpaths was also discussed, and it was suggested that the Essex Rural Partnership be contacted.

Paul Hayden advised he felt that an evidence base of health benefits from the recent regeneration of Felixstowe and Clacton could be of assistance to ECC.

The Chairman thanked Jayne Rogers and John Meehan for their presentation.

The Board **NOTED** the report

8 Any Other Business

Peter Massie pointed out that there had been a recent increase in Environment Agency charges. He felt that it would be useful to be provided with a breakdown of the charges, with Peta Denham agreeing to provide this information.

Cllr Ray Howard raised an issue concerning contact he has received from a local resident in his Castle Point District and tabled a letter he had received in this regard.

Peta Denham gave the Board an update on the Maldon/Heybridge flood alleviation scheme. She explained that the original funding suppliers had withdrawn their support and consequently a funding application had been submitted to the EA Assurance Board. There are still complications regarding this with more affordable options required to improve the cost ratio. Ms Denham asked for financial support from District Councils and from ECC.

Councillor St Joseph stated that he looked forward to working closed with the EA to progress this scheme. Councillor Durham stressed the importance of this scheme and encouraged Members to provide any available help.

9 Date of Next Meeting

The Board noted that the next meeting would be held on Wednesday 3rd April 2019, at 10.00am County Hall Chelmsford.

The meeting closed at 12.05 pm.

Chairman

Report to: Essex Flood Partnership Board	Forward Plan reference number: (EFPB/06/19) AGENDA ITEM 4
Date of report: 03/04/2019	County Divisions affected by the decision: All
Title of report: Essex Property Level Resilience update	
Report by: Charlotte Palmer, Flood Investigation Engineer	
Head of Service: John Meehan Head of Sustainability and Resilience	
Enquiries to: Charlotte Palmer 03330 130279	

1. Purpose of report

- 1.1. To highlight the progress of the delivery of the 2018/19 phase of the PLR project, and highlight the plans for the delivery of the 2019/20 phase.

2. Background

- 2.1. The grant is capped at £5,000 per property and the applicants would have to make payment themselves if measures needed exceed the grant threshold.
- 2.2. The 2018/19 Essex Flood Property Level Resilience project will be 100% funded from grants and payments from external organizations such as the Environment Agency and Anglian Water.
- 2.3. Furthermore we have an agreement with Anglian Water to complete Property Level Resilience measures to a minimum of 40 residential properties in Essex on their DG5 (Anglian Water Flood Risk Register) register. This is fully funded by Anglian Water; therefore there would be no further financial implications to Essex County Council.
- 2.4. We are also delivering 18 + 3 (21) PLR installations in Felixstowe on behalf of Suffolk County Council. This is fully funded by Suffolk County Council.

3. Project progress

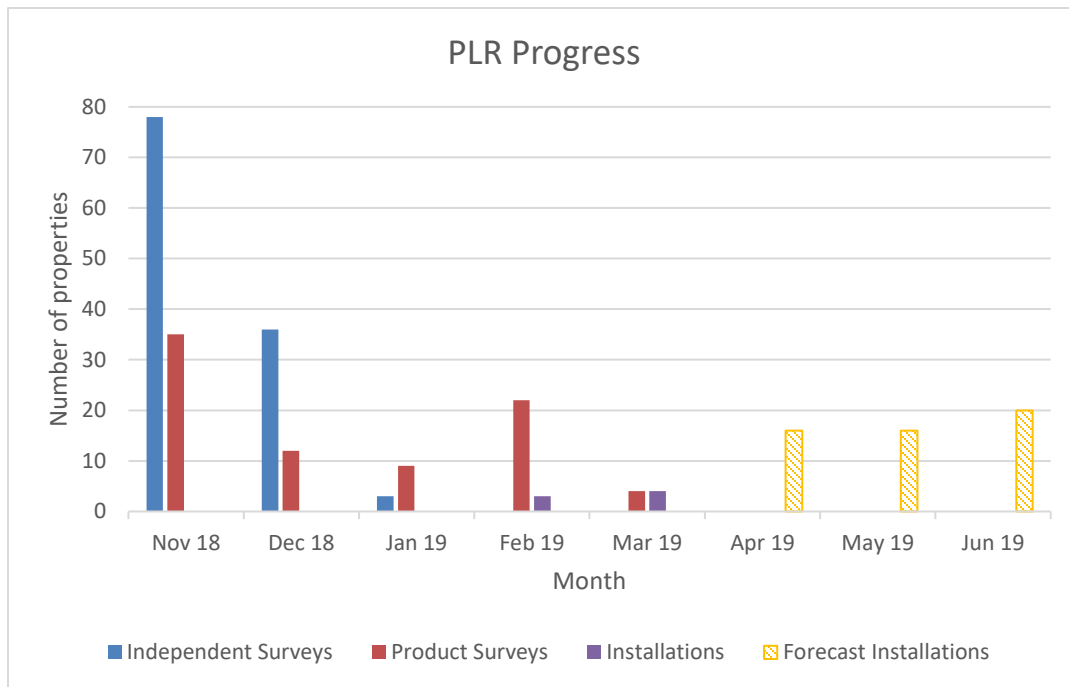
- 3.1. Lakeside Flood Solutions have progressed with the 78 carry over of independent surveys into product surveys. This alongside an additional 39 independent surveys organized by Lakeside have allowed them to complete 82 product surveys.
- 3.2. They have completed 7 property installations with forecasts for April, May and June to be steadily increasing as quotes are accepted from the product surveys.
- 3.3. It is expected that 40 PLR installations would be completed by the end of the first quarter of 2019 (May) thereby achieving the objective outlined for the 2018/19 phase of the project.

4. Looking Ahead

- 4.1. The Environment Agency are planning to use our services for delivery of PLR to ~50 properties in Stanstead Mountfitchet.
- 4.2. The contract with Lakeside is due for renewal the end of May, the decision has been made to extend this for another year until May 2020. The Essex Floods Team is currently working with the Procurement Services Team to obtain the appropriate governance sign off needed to approve the contract extension.
- 4.3. It is envisaged that the PLR project will continue to deliver to properties in Essex through Anglian Water and Environment Agency funding. It is also expected that the delivery of the PLR projects and services would continue to bring in external revenue to the Council.

Appendices

Number of Installations completed



MONTH	INDEPENDENT SURVEYS	PRODUCT SURVEYS	INSTALLATIONS	FORECAST INSTALLATIONS
NOV-18	78	35		
DEC-18	36	12		
JAN-19	3	9		
FEB-19		22	3	
MAR-19		4	4	
APR-19				16
MAY-19				16
JUN-19				20

Report to: Essex Flood Partnership Board	Report Number: EFPB/07/19 AGENDA ITEM 5
Date of report: 03/04/2019	County Divisions affected by the decision: All
Title of report: 2018/19 Essex Capital Flood Programme update	
Report by: David Chapman Project Delivery Manager	
Head of Service: John Meehan Head of Sustainability and Resilience	
Enquiries to: John Meehan Head of Sustainability and Resilience 07827 976397	

1. Purpose of report

1.1. To update the Flood Board on the 2018/19 Capital Flood Programme

2. Background

2.1 The Capital Flood Programme has a £19 million ECC budget broken down over 5 years and the 2018/19 capital programme had an ambitious budget of £4.4 million for grants and projects. 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 3 elements

- 1) Property Level Resilience (PLR) 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) The Community Flood Improvement Fund (CFIF) is aimed at assisting other authorities, charities, community groups, farmers or landowners committed to delivering projects resulting in the reduction of flooding to Essex resident's properties
- 3) 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 past couple of years, as a result of partnership working with a wide range of stakeholders such as the Environment Agency, Anglian Water and District Councils, 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

The Flood Team has generated a total of £1.57m worth of external funding as a result of the work we have carried out on this year's capital programme. The amount of income generated by the capital programme is 36% of our annual budget, which is above the 25% target that was set at the start of the year.

This is in addition to

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

3.2 Delivery programme

- Bas12 Basildon Hospital onsite (Sponge project) – This phase of the scheme is complete and fully operational. This scheme has generated funding from EA, EU and AW partners.
- Bas12 Basildon Hospital offsite (Sponge project) – This phase of the scheme is complete and fully operational. This scheme has generated funding from EA, EU and AW partners.
- B3 Braintree – Work started on site in early February and is programmed to finish early April.
- W6 Witham – Bund construction was delayed as a result of additional structural surveys being required but work on site started in February and is progressing well. Works are programmed for completion by early May 2019.
- HAR6 Brays Grove phase 1 – This phase of the scheme is complete and fully operational.
- HAR6 Brays Grove phase 2 – This phase of the scheme is complete and fully operational.
- BAS17 Pitsea phase 1 – This phase of the scheme is complete and fully operational.
- EPP2 Hillyfields – The tender has been awarded, planning application has been approved and all conditions have been discharged but works have not started on site as we are finalising the legal agreement with Loughton PC and the Corporation of London.
- In addition to the large capital schemes mentioned above, the flood team have worked with external partners to deliver 9 Community Flood Improvement Fund schemes and 7 PLR installations.

3.3 The total number of properties benefitting from reduced surface water flood risk as a result of all completed schemes on the 2018/19 capital programme is 383; this exceeds the target of 377 that was set at the start of this financial year.

4 Flood programme summary

4.1 The flood programme has finished its 4th year. During the current programme we hope to demonstrate 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.

By the end of the current programme it is estimated that over £6.0m pounds worth of external funding will have been realised through the delivery of schemes and reduced surface water flood risk to over 1300 residential properties.

The business plan for the 2019/20 floods capital programme has been authorised and has a budget of £3.7m. In terms of income generation this will be our biggest year with a forecast target of £2.1m. In order to achieve this target, we have worked extensively with our Environment Agency partners to align our programmes and deliver the schemes that most benefit the residents of Essex.

5. Recommendation

5.1 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 1000 properties and generated more than £3.9m worth external income. 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.