

**A MEETING OF THE EAST SUFFOLK INTERNAL DRAINAGE BOARD WAS HELD IN EAST SUFFOLK HOUSE, STATION ROAD, MELTON, WOODRIDGE, ON MONDAY, 14 JANUARY 2019 AT 10.00 AM.**

**Elected Members**

- \* P Cooke
- J Foskett
- \* E Greenwell
- \* C Loyd
- \* C Mann
- R Mann
- \* M Paul
- \* R Pipe
- \* A Rowlands

Vacancy

Vacancy

**Appointed Members**

**Ipswich BC**

- B Hall
- O Holmes
- \* P Smart

**Mid Suffolk DC**

- J Caston
- K Welham
- Mrs W Marchant

**Suffolk Coastal DC**

- \* Mrs C Block
- \* C Hedgley
- \* Mrs J Marson
- \* A Smith

**Babergh DC,  
Ipswich BC,  
Mid Suffolk DC,  
Suffolk Coastal DC and  
Waveney DC**

- \* D Beavan
- C Rivett

- \* Present (56%)

Mr R Pipe in the Chair

In attendance:

Mr P Camamile (Chief Executive), Mr G Bloomfield (Catchment Engineer), Mr P Roberts (Operations Manager), Mr J Manners (Environmental Officer), Miss S Jeffrey (Rating and Finance Manager), Miss E Dixon (Funding/Community Engagement Officer (WMA Eastern) and Mrs C Cocks (minutes)

ID East Suffolk IDB, Minute	Action
<p><b>01/19 APOLOGIES FOR ABSENCE</b></p>	
<p><b>01/19/01</b> Apologies for absence were received on behalf of Messrs B Hall, J Foskett, R Mann, C Rivett, K Welham, and Mrs W Marchant.</p>	
<p><b>02/19 DECLARATIONS OF INTEREST</b></p>	
<p><b>02/19/01</b> Sir Edward Greenwell declared an interest in all matters pertaining to the Alde/Ore Estuary Partnership due to his role as Chairman of that group. Mrs J Marson declared an interest in all matters pertaining to the Alde/Ore Estuary Partnership due to her membership of that group. Mrs Marson also declared a potential conflict of interest in that she is appointed by Suffolk Coastal District Council to the East Suffolk IDB as its representative, but is also an agricultural ratepayer in the Board's district. RESOLVED that this be noted.</p>	
<p><b>02/19/02</b> Mrs C Block declared an interest in all matters pertaining to the Deben Estuary Partnership, due to her membership of that group. RESOLVED that this be noted.</p>	
<p><b>02/19/03</b> Mr A Smith declared an interest in all matters pertaining to Coastal Partnership East, due to his role as a Board member of that organisation. RESOLVED that this be noted.</p>	
<p><b>03/19 MINUTES OF THE LAST BOARD MEETING</b></p>	
<p><b>03/19/01</b> The minutes of the last Board meeting held on 10 October 2018 were considered and the following amendment was requested:</p>	
<p><b>Deben Estuary Partnership (DEP) 60/18/05</b></p>	
<p>Mrs C Block requested that this be amended to record that this project is part of the CIL Infrastructure Levy.</p>	
<p>Pending the above amendment, the minutes were approved. Arising therefrom:</p>	
<p><b>03/19/02 Sudbourne Eel Friendly Pumping station Trial (60/18/04)</b></p>	
<p>Mr A Smith reported that the plan referred to in minute 60/18/04 had been delayed due to Brexit and informed the Members that the consultation on the new Coastal Local Plan was to be launched today. RESOLVED that this be noted.</p>	
<p><b>03/19/03 Appointed Membership (59/18/02)</b></p>	

ID East Suffolk IDB, Minute	Action
<p>Mr A Smith enquired if the Chief Executive had received any correspondence in December 2018 regarding the forthcoming Council merger. The Chief Executive recorded that he had not received any correspondence on this matter from either Council.</p>	
<p><b>03/19/04 Deben Estuary Partnership (DEP) (59/18/08)</b></p> <p>The Catchment Engineer recorded that he had not received a response from the Environment Agency (EA) concerning the status of works in Flood Cell 4. Mrs C Block confirmed that she would also make enquiries.</p>	<b>GB</b>
<p><b>03/19/05 Surface Water development Contributions (SWDC) (64/18/02)</b></p> <p>The Rating and Finance Manager confirmed that she intended to show Development Contributions and Development Expenditure on separate lines in the Income &amp; Expenditure Account in future. RESOLVED that this be noted.</p>	<b>SJ</b>
<p><b>03/19/06 Demaining</b></p> <p>The Chief Executive recorded that there was no further update regarding de-maining in Suffolk. RESOLVED that this be noted.</p>	
<b>04/19 RIVER DEBEN CATCHMENT WORKS</b>	
<p><b>04/19/01</b> Mr M Paul raised the issue of lack of communication and consultation regarding maintenance works from the officers and the length of time it took for Notices of Entry to be received. Considered discussion took place regarding management of the maintenance programme. The Chief Executive apologised and would ensure that communication improved with all land owners in future.</p>	
<p><b>04/19/02 Deben Estuary Partnership (DEP) Update (12/18/04)</b></p> <p>It was noted that the Board were in the process of producing detailed design figures for Bawdsey Tidal defence repairs, as had been requested by the DEP.</p>	
<p><b>04/19/03 Committee Membership Vacancies (16/18/01)</b></p> <p>Members were apprised that Mr Tim Darby had joined the Board's Lower Deben Works Committee as an owner/landowner. RESOLVED that this be noted.</p>	
<b>05/19 OPERATIONS REPORT</b>	

ID East Suffolk IDB, Minute	Action
<p><b>05/19/01</b> The Operations Report, (a copy of which is filed in the Report Book), was considered in detail and approved. Arising therefrom:</p>	
<p><b>05/19/02 Flooding at Sproughton, Ipswich</b></p> <p>The Catchment Engineer apprised the Board of a watercourse, half of which was outside the IDB's district with a culvert under the highway. The watercourse was in a poor state up to the highway. The culvert was blocked and had been temporarily diverted by the developers. There were 15 properties at risk of flooding with culverted sections through their gardens. It was agreed and thereby RESOLEVD to undertake work to clear the system within the Board's drainage district and undertake a survey of the culverted sections, and, subject to the culverts being in good condition, adopt the entire length as IDB infrastructure, moving forward (a map showing the adopted length is annexed to the minutes in the Minute Book). This work would be paid for from Surface Water Development Contributions.</p> <p>Proposed: Sir Edward Greenwell  Seconded: Mr P Smart  In favour: 7  Against: 0</p>	<b>GB</b>
<p><b>05/19/03 Dingle Marshes, Dunwich Coastal Adaption Project</b></p> <p>(i) The Catchment Engineer advised that he had emailed Mrs Peta Denham (EA) informing her that the Board were reviewing the Water Level Management Plan as this no longer reflected the current situation or addressed the future. The Catchment Engineer requested that the Board contributes £5,000 towards the project; the total cost is £20,000.</p> <p>(ii) Mr A Rowlands declared an interest as an employee of the RSPB.</p> <p>(iii) <u>Proposed Project:</u></p> <ul style="list-style-type: none"> <li>• To allow the natural processes to continue and at the same time allow the Dunwich River to act as a drain - the proposal is to reroute it westward using the existing ditch network.</li> <li>• The rerouting could be carried out in one or two phases depending on funding.</li> <li>• Scrapes can be created which will in time become saline lagoons replacing those lost to the advancing shingle. Material from the scrapes can be used to create island/banks that sit above current sea levels, resulting in nesting and refuge areas as the land becomes increasingly inter tidal.</li> </ul>	

ID East Suffolk IDB, Minute	Action
<ul style="list-style-type: none"> <li>• The new route would again provide a barrier between the fresh and salt water except under storm surge conditions.</li> <li>• Drainage for the village and sewage works will be maintained.</li> <li>• The eventual large areas of shingle/salt marsh should provide habitat for increased numbers of avocet, redshank, ringed plover, oystercatcher and little tern.</li> <li>• The retained fresh water marshes will still provide nesting and foraging areas for lapwing and redshank.</li> <li>• The site will then have a more defined future and should, subject to confirmation from Natural England, still be eligible for grant funding to ensure management into the future.</li> </ul> <p>(iv) It was agreed and thereby RESOLVED to contribute £5,000 towards this project.</p> <p>Proposed: Sir Edward Greenwell  Seconded: Mr M Paul  In favour: 12  Abstention: 1 – Mr A Rowlands</p>	
<p><b>05/19/04 Minsmere Levels Stakeholders' Group (4.11)</b></p> <p>Mr A Smith raised concerns regarding Minsmere Sluice and requested that if significant work was being proposed that the IDB liaises with Bill Parker (CPE), as it was felt that at the moment, there was no correlation between the main drain and the sluice.</p>	<b>GB</b>
<p><b>05/19/05 Health and Safety (6)</b></p> <p>The Members were informed that the IDB is trialling battery powered equipment as opposed to petrol ones to reduce exposure to Hand and Whole Arm Vibration Syndrome (HAVS). In addition, equipment is also being tagged and the operator has been provided with a sensor wristband to record exposure limits. RESOLVED that this be noted.</p>	
<p><b>06/19 PLANNING</b></p>	
<p><b>06/19/01</b> The Planning Report, (a copy of which is filed in the Report Book), was considered in detail and approved. Arising therefrom:</p>	
<p><b>06/19/02 Update of Replacement of Current Planning and Byelaw Policy (2.3)</b></p> <p>Following the 4 week consultation with constituent Local Planning</p>	

ID East Suffolk IDB, Minute	Action
<p>Authorities and Risk Management Authorities, the draft Planning and Byelaw Strategy was being reviewed and revised. RESOLVED that this be noted.</p>	
<p><b>06/19/03 Fees Associated with Consents Granted (6)</b></p>	<b>GBr</b>
<p>Whilst it was noted that all surface water development contributions received had been itemised in the Board's Accounts for the last 5 years, Members requested that a summary be made available to the members covering the last 5 years. RESOLVED that this be noted.</p>	
<p><b>07/19 ENVIRONMENTAL REPORT</b></p>	
<p><b>07/19/01</b> The Environmental Report, (a copy of which is filed in the Report Book), was considered in detail and approved. There were no matters arising.</p>	
<p><b>07/19/02 Mink Report (Appendix 2)</b></p>	
<p>The Environmental Officer apprised Members that the number of mink being caught is dropping. He stated, in answer to a question, that generally otters do not have an impact on water voles and that they live side by side.</p>	
<p><b>08/19 SCHEDULE OF PAID ACCOUNTS</b></p>	
<p><b>08/19/01</b> The Schedule of Paid Accounts for the period of 1 September 2018 to 31 December 2018 totalling £281,139.77, (a copy of which is filed in the Report Book), was considered in detail and approved. There were no matters arising.</p>	
<p><b>09/19 ESTIMATES FOR 2019/20</b></p>	
<p><b>09/19/01</b> The detailed estimates for 2019/20, (a copy of which is filed in the Report Book), were considered in detail and approved. Arising therefrom:</p>	
<p><b>09/19/02</b> Considered discussion took place regarding the Estimates for 2019/20 with a recommended increase of 3.3% across all sub districts being proposed.</p>	
<p><b>09/19/03 Capital Works 2019/20</b></p>	
<p>The Capital Works Estimate for 2019/20 totalling £154,797, (a copy of which is filed in the Report Book), was considered in detail and approved.</p>	

**09/19/04 Maintenance Programme 2019/20**

The Maintenance Works Estimate for 2019/20, totalling £579,476 was considered in detail and approved:

River Deben Tidal Pumped Sub District 1	£182,212
Lower Alde Tidal Pumped Sub District 2	£254,646
AHB Tidal Pumped Sub District 3	£42,778
Blyth Tidal Pumped Sub District 4	£43,663
Gravity Sub District 5	£53,252
Lower Alde (Tidal Gravity) Sub District 6	<u>£2,925</u>
	<b>£579,476</b>

**09/19/05 Administration & Technical Support Charges 2019/20**

The Administration and Technical Support Costs estimate for 2019/20, as recommended by the Consortium Management Committee on 7 December 2018 were considered in detail and approved. Arising therefrom:

**09/19/06** It was agreed and thereby RESOLVED to approve the Technical Support Charge (including BAP Implementation costs) of £388.178 and include the same in the Board's Rate Estimates for 2019/20.

**09/19/07** It was agreed and thereby RESOLVED to approve the net Administrative Support Charge of -£191,403 (£161,832 less £353,235), and include the same in the Board's Rate Estimates for 2019/20.

**09/19/08** It was agreed and thereby RESOLVED to circulate the WMAs confidential 5-Year Succession Plan to all those Board members present at the meeting.

**10/19 FINANCIAL YEAR 2019/20****LAY AND SEAL THE DRAINAGE RATE AND SPECIAL LEVIES****10/19/01 Annual Values**

It was agreed and thereby RESOLVED to approve the aggregate annual values as at 31 December 2018, used for the purposes of raising and apportioning expenses from drainage rates and special levies for 2019/20.

Proposed: Sir Edward Greenwell

Seconded: Mrs J Marson

In favour: 8

Against: 1

**10/19/02 River Deben Tidal Pumped Sub District**

It was agreed and thereby RESOLVED to approve the net requirement of £36,802 for 2019/20, which equated to a drainage rate increase of 3.3% at 30.583p in the pound:

Agricultural Drainage Rates	£34,114
Suffolk Coastal District Council	£30,488
Reserves	<u>-£27,800</u>
	<b>£36,802</b>

**10/19/03 Lower Alde Tidal Pumped Sub District**

It was agreed and thereby RESOLVED to approve the net requirement of £199,261 for 2019/20, which equated to a drainage rate increase of 3.3% at 105.087p in the pound:

Agricultural Drainage Rates	£169,330
Suffolk Coastal District Council	£27,082
Reserves	<u>£2,849</u>
	<b>£199,261</b>

**10/19/04 Alderton, Hollesley and Bawdsey (AHB Tidal Pumped Sub District**

It was agreed and thereby RESOLVED to approve the net requirement of £14,486 for 2019/20, which equated to a drainage rate increase of 3.3% at 36.247p in the pound:

Agricultural Drainage Rates	£11,309
Reserves	<u>£3,177</u>
	<b>£14,486</b>

**10/19/05 Blyth Tidal Pumped Sub District**

It was agreed and thereby RESOLVED to approve the net requirement of £12,000 for 2019/20, which equated to a drainage rate of 3.3% at 112.352p in the pound:

Agricultural Drainage Rates	£9,192
Waveney District Council	£148
Reserves	<u>2,660</u>
	<b>£12,000</b>

**10/19/06 Gravity Sub District**

It was agreed and thereby RESOLVED to approve the net requirement



of £145,857 for 2019/20, which equated to a drainage rate increase of 3.3% at 6.062p in the pound:

Agricultural Drainage Rate	£25,452
Suffolk Coastal District Council	£32,241
Mid Suffolk District Council	£38,936
Ipswich Borough Council	£36,724
Babergh District Council	£1,734
Waveney District Council	£2,986
Reserves	<u>£7,784</u>
	<b>£145,857</b>

**10/19/07 Lower Alde (Tidal Gravity) Sub District**

It was agreed and thereby RESOLVED to approve the net requirement of £48,179 for 2019/20, which equated to a drainage rate of 68.959p in the pound:

Agricultural Drainage Rate	£26,915
Suffolk Coastal District Council	<u>£21,264</u>
	<b>£48,179</b>

**10/19/08** It was agreed and thereby RESOLVED to approve the transfer of actual operating surplus monies for 2019/20 from the General Reserve to the Capital Reserve for each district, per the Board's Capital Finance and Reserves Policy.

**10/19/09** It was agreed and thereby RESOLVED to appeal the EA Precept charge for 2019/20 on the basis that the Board had no idea where this money was intended to be spent or on how its use would in any way benefit the Board's area.

**11/19 REVIEW OF OBJECTIVES 2018/19**

**11/19/01** The Performance Review of objectives for 2018/19, (a copy of which is filed in the Report Book), was considered in detail and approved. Most of the Board's objectives had substantially been achieved Arising therefrom:

**11/19/02** Members considered the issues regarding the Highland Water Contribution payments and were awaiting the second reading of the Rivers Authority and Land Drainage Bill 2018-19.

**12/19 OBJECTIVES 2019/20**

**12/19/01** It was agreed and thereby RESOLVED to approve the following objectives for 2019/20:

1. To ensure that total expenditure does not exceed the expenditure budget for 2019/20 and plan for subsequent years' rate increases to equate to no more than an inflationary rise.
2. To ensure that the EA's annual precept charge on the Board is fair and that it is spent on work that benefits the Internal Drainage District.
3. To make progress with changing the legislation to enable the Board to extend its area, should Highland Water Contributions be reduced or no longer made by the EA to the Board for managing surface water entering the Drainage District from the Upland Catchment, subject to their being local support for doing so.
4. To help introduce a sustainable investment programme primarily for the 'low consequence' main river network that the Board's watercourses discharge into, by working with the EA, SCC, NE and our other partners.
5. To complete the review of the arterial network and the Board's Infrastructure Adoption/Abandonment Policy.
6. To help introduce a sustainable investment programme primarily for the 'uneconomic' sea walls that protect the Board's District, by working with the EA, AOEP/AOET, DEP, SCC, SCDC, WDC, NE and out other partners.
7. To be financially and hydrologically independent from the Environment Agency within a period of 5 years.

Proposed: Mr P Smart

Seconded: Mr C Hedgley

Unanimously approved

**12/19/02** Sir Edward Greenwell and Mrs J Marson left the meeting at this point.

### **13/19 MATERIAL CHANGES TO RISK REGISTER**

**13/19/01** The full Risk Register, (a copy of which is filed in the Report Book), was considered in detail and approved. Arising therefrom:

**13/19/02** Members considered the risk of work being stopped by the EA on the Alde Ore project and it was agreed and thereby RESOLVED to include this in the risk register.

ID East Suffolk IDB, Minute	Action
<p><b>14/19 CORRESPONDENCE</b></p>	
<p><b>14/19/01 ADA Governance Workshops 2019</b></p> <p>Members were apprised that ADA have produced a Good Governance document which can be electronically downloaded from both the ADA and WMA websites. ADA were also running Good Governance workshops with the first one taking place on 19 March 2019 in King's Lynn and booking a place to attend could be done online via the ADA website:</p> <p><a href="https://www.ada.org.uk/events/idb-members-workshop-booking/">https://www.ada.org.uk/events/idb-members-workshop-booking/</a>.</p> <p>Mrs Cocks would send out details of the dates and venues.</p>	<p><b>CC</b></p>
<p><b>14/09/02 Defra Consultation</b></p> <p>The Chief Executive advised members that Defra were consulting on extending IDB boundaries and new methods of valuing non-agricultural land. It was important for the Board and the other WMA Boards to respond to this consultation when ADAs views were known. RESOLVED that this be noted.</p>	<p><b>PJC</b></p>
<p><b>15/19 NEXT MEETING</b></p>	
<p><b>15/19/01</b> The next Board meeting would take place at 10 am on 12 June 2019 in the Deben Room at East Suffolk House.</p>	
<p><b>16/19 ANY OTHER BUSINESS</b></p>	
<p><b>16/19/01 DRS Online</b></p> <p>Members were apprised that an online portal had been developed which would enable drainage ratepayers to manage their own accounts online. Elected members were encouraged to use this new system and the Chief Executive confirmed that details together with instructions on how to register online and manage accounts would be circulated to all ratepayers with the annual Rate Demands for 2019/20.</p>	
<p><b>16/19/02 WMA Email Accounts</b></p> <p>The Chief Executive advised that a corporate email address was being set up for the elected members to use, to avoid any possible compromise of their personal email accounts following any FoI request. Instructions on how to set up the corporate email address on personal PCs would be circulated in due course. Appointed Council Members</p>	

ID East Suffolk IDB, Minute	Action
<p>should already have the use of their councils' corporate email system.</p>	
<p><b>17/19 OPEN FORUM: TO HEAR FROM MEMBERS OF THE PUBLIC, WITH LEAVE OF THE CHAIRMAN</b></p>	
<p><b>17/19/01</b> There were no members of the public present at this meeting.</p>	
<p><b>18/19 CONSORTIUM MATTERS</b></p>	
<p><b>18/19/01</b> The unconfirmed minutes of the last Consortium Management Committee meeting held on 7 December 2018 were considered in detail and approved. There were no matters arising.</p>	
<p><b>18/19/02 WMA Five Year Succession Plan (46/18/05)</b></p> <p>The Chief Executive announced that Mary Creasy (his PA) would be retiring after 11 years at the end of March 2019 and her work, support and dedication was acknowledged by the Chief Executive and those Members present. Mary will be greatly missed by all and was wished a long and happy retirement. It was thought appropriate to make the presentation to her at the next CMC meeting on 29 March 2019, which was unanimously supported.</p>	
<p><b>18/19/03 Schedule of Paid Accounts</b></p> <p>The Schedule of Paid Accounts for the period 1 August 2018 to 30 November 2018 totalling £425.995.08, as approved at the Consortium Management Committee meeting on 7 December 2018, was considered in detail and adopted. There were no matters arising.</p>	
<p><b>18/19/04 WMA Estimates for 2019/20 and Projected Out-turn for 2018/19</b></p> <p>The detailed Consortium Budget and Basis of Apportionment for the financial year 2019/20, as approved at the Consortium Management Committee meeting on 7 December 2018, together with the projected out-turn for year ending 31 March 2019 was considered in detail and approved by the Board. There were no matters arising.</p>	
<p><b>18/19/05 Issues for discussion at the next CMC meeting</b></p> <p>Members were reminded that the Board's representatives on the CMC were Mr R Pipe, Sir Edward Greenwell and Mr M Paul. There were no specific issues raised by Members requiring discussion at the next Consortium Management Committee meeting on 29 March 2019.</p>	

**19/19 CONFIDENTIAL BUSINESS**

**19/1901** It was agreed and thereby RESOLVED to exclude the public from the next part of the meeting due to the confidential nature of the business to be transacted, in accordance with Section 2 of the Public Bodies (Admission to Meetings) Act 1960.

**A MEETING OF THE EAST SUFFOLK IDB RIVER DEBEN CATCHMENT WORKS COMMITTEE WAS HELD AT LOW FARM, BRIDGE ROAD, BROMESWELL, WOODBRIDGE ON TUESDAY, 4 DECEMBER 2018 AT 2PM.**

<b>Elected Members</b>	<b>Elected Members</b>
* D Adams	* C Loyd
* J Foskett	* C Mann
* G Henderson	* M Paul
M Hollingsworth	* W Pipe
* B Kerr	* T Darby (ESWAG)

Present (64%)

Mr M Paul in the Chair

In attendance:

Mr G Bloomfield (Catchment Engineer and minutes) and  
Mr P Roberts (Operations Engineer)

<b>ID</b>	<b>East Suffolk IDB: River Deben Catchment Works Committee</b>	<b>Action</b>
<b>10/18</b>	<b>APOLOGIES FOR ABSENCE</b>	
<b>10/18/01</b>	Apologies for absence were received on behalf of M Hollingsworth	
<b>11/18</b>	<b>WELCOME AND INTRODUCTIONS</b>	
<b>11/18/01</b>	Warm welcome to Tim Darby	
<b>12/18</b>	<b>MINUTES OF THE LAST COMMITTEE MEETING</b>	
<b>12/18/01</b>	The minutes of the last Committee meeting held on 22 May 2018 were approved as a true record. Arising therefrom:	
<b>12/18/02</b>	<b>Flooding Issues at Ufford (11/17/02)</b>	
	Network rail have appointed consultants to design replacement Railway bridge upstream of Ufford road bridge. Catchment Engineer suggested that they might wish to consider a fish pass at Ufford road bridge as part of their duties to the environment. With regards to timescale, they are at early design stages.	
	JF requested PR price up what it will cost to deliver a scheme to take to the next East Suffolk IDB Mtg.	<b>PR/GB</b>
<b>12/18/03</b>	<b>Planning (11/17/04)</b>	

ID East Suffolk IDB: River Deben Catchment Works Committee	Action
<p>(i) Planning – issues raised of Adastral Park. P Roberts to speak to Graham Brown, Flood and Water Manager about this, It was thought the Development was now renamed Gladman Developments from Manchester. C3,000 homes at Nacton.</p> <p>(ii) Brightwell Lakes Development SCDC early stages but will be c2,000 homes</p>	<b>PR</b>
<b>12/18/04 Deben Estuary Partnership (DEP) Update (11/17/05)</b>	
<p>(i) 2 new footpaths Coastal Path options are out to consultation closing 12 Dec 2018. Whilst the aim is commendable there are grave concerns of opening up an Estuary Walk over private land with significant areas of undisturbed saltmarsh. Concerns raised over bird disturbance, erosion of top of sea wall from footfall. EDP and affected landowners have objected to the proposed routes as they stand. Preferred Route/s to be further consulted on by Natural England in early New Year</p>	<b>GB</b>
<p>(ii) JF asked if it was appropriate for ESIDB to send in a letter of concern regarding increased risk of damage to sea defences by foot fall and exposure to risks around IDB infrastructure currently on private land. GB did not think it was a material consideration in that the defence wall is EA controlled and IDB assets should be safe preventing unauthorised access; but would discuss with Phil Camamile</p>	<b>GB</b>
<p>(iii) ES IDB awaiting instruction to re-start high level costing project for future works at FC01 Bawdsey. DEP Meeting to be held directly after this meeting to discuss the most appropriate course to use Community Infrastructure Levy (CIL) Grant £120K to undertake full detail design and professional services to enable business case submission.</p>	
<p>(iv) DEP have not been made aware of any improvement works on Flood Cell 4 to delivered by EA. It's thought preliminary investigation works appear to be underway as reported by Board members.</p>	
<p>GB to contact David Kemp to ask for current state of play.</p>	<b>GB</b>
<b>13/18 INCOME AND EXPENDITURE YEAR ENDING 31 MARCH 2018</b>	
<p><b>13/18/01</b> The Income and Expenditure account, (a copy of which is filed in the Report Book), was considered in detail. Arising therefrom:</p>	
<p><b>13/18/02</b> Mr D Adams queried Kings Fleet PS Power costs to date @ £270 and outturn forecast of £6k given previous years c.£3k? Clarity sought from officers.</p>	<b>GB/PR</b>
<b>14/18 PUMP ATTENDANTS VERBAL UPDATE</b>	

ID East Suffolk IDB: River Deben Catchment Works Committee	Action
<p><b>14/18/01</b> Statutory electrical testing has been undertaken for the group this year. C1 and C2 require immediate action in accordance with Electrical Health and Safety legislation. Whilst infrastructure met compliance under the previous regulations improvements were required to meet the new standards. All required works have been undertaken by M&amp;E Team.</p>	
<p><b>14/18/02</b> There is now a new H&amp;S process in place that in the event a high risk fault (C1&amp;C2) is discovered the M&amp;E officer will remove existing locks and replace with a red lock and warning sign including contact information. This will ensure only qualified M&amp;E staff have access until issue has been resolved. Pump attendants will be notified at the time also.</p>	
<p><b>15/18 MAINTENANCE UPDATE INCLUDING FIVE-YEAR PROGRAMME</b></p>	
<p><b>15/18/01</b> P Roberts gave update on Maintenance and forecast budgets/works programme. £13.6k sub District 1 and £9.2k gravity catchments of Deben. East Suffolk IDB returning to areas worked on last year and new areas have been added onto programme. If anyone has issues, please contact P Roberts.</p>	
<p><b>15/18/02</b> Catchment Engineer gave a brief overview of the catchment conditions. The hot weather is causing issues and any work carried out is on a risk based approach; plant vegetation growth is very prolific. The programme is ready WC 10 December 2018 given the weather has cooled and rainfall has improved resilience within riparian zone. CL was concerned at Officer's approach given the weather appears to closing in and high risk of budget not being spent. MP also requested the notices went out in timely fashion and/or followed up with telephone call.</p>	PR
<p><b>15/18/03</b> Deben works Programme to be sent out in May/June not December to ensure timely feedback and/or adjustments can be accommodated within year Action noted.</p>	PR
<p><b>15/18/04</b> DA requested links to interactive maps in the absence of a hard copy. <a href="https://www.wlma.org.uk/uploads/ESIDB_Index_plan.pdf">https://www.wlma.org.uk/uploads/ESIDB_Index_plan.pdf</a></p>	GB
<p><b>16/18 COMMITTEE MEMBERSHIP VACANCIES</b></p>	
<p><b>16/18/01</b> Members received Mr J Kerr's resignation from the Committee as sent to Mr M Paul. Call from Chair to Committee members to consider nominations for position.</p>	
<p>GH to approach Bawdsey Manor with regard to joining committee</p>	GH



ID East Suffolk IDB: River Deben Catchment Works Committee	Action
<b>17/18 DEBEN ESTUARY PARTNERSHIP (DEP) UPDATE</b>	
17/18/01 Reported in minute 13/18/04.	
<b>18/18 NEXT MEETING DATE</b>	
18/18/01 Low Farm, Bridge Road, Bromeswell, Woodbridge courtesy J Foskett, on Tuesday 21 May 2019, 2:00pm	
<b>19/18 ANY OTHER BUSINESS</b>	
19/18/01 T Darby gave an update on HWMP – Management Company registered as Felixstowe Hydrocycle LTD. With legal work running in parallel to form an appropriate management structure. Pace of work geared to various stages of pending funding approval routes	
Fresh 4C's Interreg bid could yield c£2m to support construction of both Water transfer scheme and aquifer storage & Recovery pilot	
19/18/02 Interreg bid 2 will be made in January 2019 in partnership with SCC and Water Resources East WRE. This will also likely sit within the Holistic Water Management area further improving real time monitoring of available water resources. A strong component of this bid has to be for education and learning rather than simple capital expenditure. Given the extensive upfront works already undertaken by HAWM knowledge share will be highly possible.	
19/18/03 Officers also reported Quotes were being sort for c250k works currently pending approval for Water Environment Gants (WEG) returns due early December 2018.	
TD Reported ongoing dialog with SCC Archaeology team regarding proportionate monitoring given modest footprint of pipeline route.	
GD reported there had been a release of NE Healthy Estuary Report for the Deben. Content unknown at this stage	
GB reported SMP Review of Bawdsey had been tendered and study commissioned. Jacobs ( formally, Halcrow) are the preferred supplier of works package.	
<b>19/18/04 Meeting Frequency</b>	
Issues raised due to diminishing membership and a need for more members from North Side and Upper Deben were recorded.	

## OPERATIONS REPORT FOR THE PERIOD OCTOBER 2018 – DECEMBER 2018

### 1. Operational information for the Board

#### Revenue Maintenance Works

- 1.1 Pumped catchment maintenance has been delayed into late Autumn given the below normal water levels, seasonally high temperatures and resulting prolific weed growth. There is a very high risk of environmental incident when these conditions align with vegetation starch and sugar from cutting, coupled with the desilting consuming the available oxygen within the water column. A highly likely consequence is fish in distress leading to mortality. The Operation Manager has been monitoring conditions.
- 1.2 Works are underway with a revised delivery programme which it is expected to deliver program by the end of March 2019. Expenditure is in line with that reported for the end of year accounts. Gedgrave is complete, onto Chillesford, Falkenham, Sudbourne, Iken and Reydon.
- 1.3 A draft maintenance programme for pumped and gravity catchments is in place for financial year 2019/20. Please refer to the Estimates 2019/20.
- 1.4 Gravity catchment maintenance also underway again in the autumn / winter 2018/19.
- 1.5 **EA Main River Maintenance Work**  
  
No update to report this period.

### 2. Pumped Districts

#### 2.1 Tidal Blyth Catchment

##### **2.1.1 Reydon Pumping Station (No. Pumps - 2)**

No major problems reported

#### 2.2 Tidal Alde & Ore Catchment

##### **2.2.1 Butley Pumping Station (No. Pumps - 1)**

No major problems reported

##### **2.2.2 Chillesford Pumping Station (No. Pumps -1)**

No major problems reported

#### **2.2.3 Gedgrave Pumping Station (No. Pumps - 1)**

No major problems reported

#### **2.2.4 Sudbourne Pumping Station (No. Pumps - 1)**

No major problems reported

#### **2.2.5 Iken Pumping Station (No. Pumps -1)**

No major problems reported

#### **2.2.6 Hollesley Colony Marsh Pumping Station (No. Pumps - 1)**

No major problems reported

### **2.3 Tidal Deben Catchment**

#### **2.3.1 Bawdsey Pumping Station (No. Pumps - 1)**

No major problems reported

#### **2.3.2 King's Fleet Pumping Station (No. Pumps - 1)**

No major problems reported

#### **2.3.3 Falkenham Pumping Station (No. Pumps -2)**

No major problems reported

### **3. Gravity Districts**

#### **3.1 Flooding at Sproughton, Ipswich**

The Catchment Engineer received a call (20<sup>th</sup> December 2018) from housing developer Bennetts, to advise on flooding situation from a watercourse backing up running across a highway and placing a property at risk of flooding. They advised they had taken steps to divert the flows to a highways gully but requested assistance to agree responsibilities and remedial actions to be taken.

On arrival to site, it was clear the actions taken had temporarily reduced to a minimum flood risk to the property as flows were being intercepted into highway gully flowing in the opposite direction. A report was submitted to SCC Highways by return of this course of action and highlighting their responsibility to clear the highway culvert.

However on closer inspection it became clear there were a number of other problems that would need addressing which fall within the IDB district. Please see map Below (Defra flood Map for Planning). Long section in orange (c.250m) of culverted watercourse passing through multiple land holdings that could block and lead to flood of multiple properties within Gipping Way (c.15). Heavily silted short section at downstream end of the system in blue (c.60m) adjacent to EA Flood embankment

structure, which then discharges in EA main river via an assumed culvert under the embankment (Dotted orange line). There is good access along the route via agricultural field adjacent.

Giving consideration to the Board watercourse Adoption policy there is a case for this watercourse to be adopted a Board infrastructure.

Extract. WATERCOURSE ADOPTIONS Watercourses which fulfil the following criteria should be considered for adoption: • A watercourse with more than one riparian owner/occupier, or that caters for more than one owner/occupier within its catchment, which causes persistent drainage problems, or would do if a perceived change in circumstances was to take place, where effective maintenance would prevent these problems from occurring. (“One-off” problems can normally be resolved by issuing the relevant riparian owner a notice under the Land Drainage Act to carry out the required work). If an improvement scheme is required to be undertaken to make it an effective drainage route, then the benefit of this must outweigh the cost. A condition of the adoption would be that the riparian owners, or in the case of development, the developer, finances the improvement to the specification of the Board before the drain is adopted. Consideration should also be given, when deciding whether or not to adopt a watercourse, to the implications of retrospectively applying the Board’s Byelaws to the adjacent owners/occupiers, particularly Byelaw 10 affecting development within 9m of the drain, and availability of access to the watercourse to carry out maintenance works.

East Suffolk Board Officers have been successful in gaining Surface Water Development Contributions (SWDC) from Gipping catchment to manage development within the system, whilst Bennetts Developer on this occasion are not liable to pay as their SUD’s discharges directly to ground water, they are going to tackle the red section (outside our district) prior to handing over to District Council as Public open space which will provide a benefit. Applying Byelaws to the system will prevent further inappropriate development along this corridor so it can be managed long term.

### **Recommendation to the Board**

Working with partners (SCC, EA, Parish Council) Use SWDC (c.£10-15k) to undertake required pioneer clearance of the system within our district and undertake survey of culverted sections. Subject to them being in good condition, adopt the system to the Board infrastructure to improve regulatory control by the application of our Byelaws moving forward.



	Open Watercourse in poor condition to be cleared by developer
	Blocked assumed SCC Highways Culvert
	Culverted ordinary watercourse with ESIDB Drainage District
	Section of Open Watercourse.
	EA Flood Defence Embankment
	Assumed route of outfall under EA Defence
	IDB District Boundary

### 3.2 Dingle Marshes Dunwich Coastal Adaption Project

Please refer to the Report Appendix 1

#### 3.2.1 Recommendation to the Board

Contribute £5k to the development of new Water Level Management Plan (WLMP).

## 4. Capital Works & Operational Matters

### 4.1 Capital Works

#### Sudbourne Eel Friendly Pumping Station Trial

Nothing to report.

#### 4.2 Strategic sourcing of clay for flood defence

No further waste exemption licences have been secured for landowners at this time.

#### 4.3 Deben Estuary Partnership (DEP)

We are working with the DEP to progress projects arising from the Deben Estuary Plan at their request. We attended the recent meeting with the Cllr Christine Block, Matthew Hague and Chris Mann in relation to progressing flood defence improvements at Bawdsey Marsh Wall (Flood Cell 1 in the Estuary Plan).

IDB officers have recommended an economic appraisal be undertaken to establish the likely FDGIA available for the frontage given its strategic importance in managing estuary flood risk and long term effects at the mouth of the Deben. IDB officers have been tasked with building up a cost estimate for the various strands of investigations and assessments required to deliver Outline Business Case (OBC) to the Environment Agency (EA) to better understand viability of this approach. Detailed discussions on enabling development are running in parallel with Suffolk Coastal DC officers.

ESIDB and SCC bid for c£250k has been successful in passing first screening of the Water Environment Grant (WEG) funds to undertake remedial works to the Falkenham sluice, (where the outfall flows are damaging SSSI marsh). We have been invited to supply evidence of prices to support our estimates, which we were able to do. Final decisions to invest are expected by March 2019. We await the outcome of the bid process.

#### **4.4 Holistic Approach to Water Management (HAWM) Felixstowe Peninsula Project**

This project is led by SCC, in partnership with ESWAG, ESIDB, Anglian Water, EA, the Catchment partnership, and local landowners as part of the wider Deben HAWM Plan.

The project is linked with the regional Water Resources East Initiative to improve the way we manage water on a catchment and regional scale. The project has now been submitted by SCC as part of an Interreg bid (FRESH 4 'C's) for c.£2M. Successful projects will be notified in February 2019.

The project aims to improve water storage for arable farming in the Felixstowe Peninsula area through a series of reservoirs and improved infrastructure. This will also bring benefits for wildlife and people. The project aims to recycle freshwater that would be pumped to sea and store and later utilise it in the catchment.

#### **4.5 Alde and Ore Estuary Partnership (AOEP)**

ESIDB officers continue to support the AOEP who are now in the initial stages of delivering their estuary plan outcomes.

The Alde and Ore Estuary Trust have provided grant to fund the costed programme of delivery which is now almost complete and has been shared with the Trust and Partnership members. The Trust have agreed to fund the staff time and resources needed for this work and further grant has now been applied for. The officers involved are now progressing FDGIA business cases for the capital works which include economic and environmental assessments. Submission of the first business case is planned for Spring 2019 and it is hoped that in Autumn 2019 we will know the outcome of FDGIA availability. EA have stated that there is no FDGiA available until 2021 following re-prioritisation of the 6 year programme. However it is hoped that by submitting business cases any underspend in EA budgets could be re-allocated to projects like the Alde and Ore through in-year opportunities. The next AOEP community event is planned for February.

#### **4.6 Snape Village and Maltings**

Catchment Engineers met with Aldeburgh Music to discuss flood defence work at Snape Maltings in Early November. Aldeburgh Music have been successful in gaining funds from the Local Enterprise Partnership which require works to be completed by 2020.



Aldeburgh Music are still keen to be part of the FDGIA Business Case application and as such the IDB as a Risk Management Authority will need to submit the application to the EA for funding, if appropriate. The IDB have proposed a design for the Maltings that is acceptable for inclusion in the FDGIA Business case.

#### **4.7 Iken Clay Waste Regulations Investigation**

The EA investigation is still underway. The IDB officers have sought a waste specialist's advice and in parallel to the investigation, are developing an appropriate route through the waste regulations for any future clay requirements that can be agreed in advance with EA colleagues.

#### **4.8 Aldeburgh Town Marsh Wall**

The Operations Engineer & Operations Manager continue to monitor the completed works along this frontage. Recent inspections show the wall is performing well. Additional work was undertaken to rectify some cracking as a result of natural wall settlement as approved by the Alde and Ore Working committee to allow handover of the wall back to EA. With the Extreme drought weather over the summer, desiccation cracking has occurred over wider expanse of the wall. Although this is a normal response in clay embankments, it is difficult to distinguish from other failure modes that look similar but may require minor intervention repairs. Winter rainfall should see desiccation cracks sealing again giving the EA confidence in receiving the wall back in the spring.

#### **4.9 East Anglia Three Offshore Wind Farm Project**

It is expected the consultation for onshore works (Thorpeness area) will commence shortly ahead of The Councils going into Purdah to allow their amalgamation.

#### **4.10 Sizewell C Nuclear Power Station**

##### **Sizewell C Public Consultation Begins**



The third stage of public consultation on the proposals for a new nuclear power station at Sizewell begins on 4 January 2019. The feedback they receive plays an important part in the development of their proposals. Technical staff and Planning Officers will evaluate the impacts primarily around impermeable areas of road bypasses, Park &

Ride allocations, staff accommodation, and Construction set down areas an advise Sizewell C of their potential Surface Water Development Contribution liability.

#### **4.11 Minsmere Levels Stakeholders Group**

Nothing to report.

#### **4.12 Sizewell B Tidal defence wall improvements**

Nothing to report.

#### **4.13 National Grid Bramford to Twinstead Connection Project**

Nothing to Report.

#### **4.14 East Anglia ONE Offshore Wind Farm Project**

Nothing to Report over this period.

#### **4.15 Lowestoft Temporary Flood Barrier Public Sector Cooperation Agreement with Waveney District Council**

Operation Engineer has been monitoring weather conditions over the Christmas Period with additional staff placed on standby in the event we were required to respond at short notice. No deployments required this season to date.

#### **4.16 Bawdsey Coastal Partnership (BCP)**

Following on from our offer to support BCP and local landowners with technical advice regarding coastal process reports they commissioned in 2017, the project officer has remained in touch with BCP but have had no further requests for assistance. SCDC are undertaking a SMP policy review study on this frontage and IDB officers have been involved in the tender evaluation for a consultant to undertake the review through the SMP Client Steering Group. In addition IDB officer attended the recent SCDC-led site visit with the successful consultant- Jacobs- and Parish Council representatives to discuss the start of the SMP Review project.

#### **4.18 Debenham Natural Flood Management Works**

Nothing to Report this period.

#### **4.21 Blyth Estuary Group (BEG)**

The Blyth Estuary Group is establishing how best to move forward with its estuary plans. IDB officers remain aware of the initiative and are available to support the Group at the appropriate time.

#### **4.22 Waveney DC / Coastal Partnership East - Coastal Maintenance Tender**

Maintenance and Repair contract (Lot 1) Temporary contract for additional staff have been advertised and recruited over this period.

#### **4.23 Interreg & Water & Environment Grants (WEG) Bids**

The Interreg bid to address long term sustainable use of fresh water within coastal flood areas **FRESH4C's**, a €6m proposal is expected to be determined January 2019. UK lead is Suffolk County Council, with East Suffolk IDB, Environment Agency, Sustainable Water Solutions, & Cranfield University as UK Partners. UK commitment is to deliver the Felixstowe water transfer scheme as test site for shared learning. UK has requested a c£2m grant to help support the delivery.



## 5. Hydrological Report

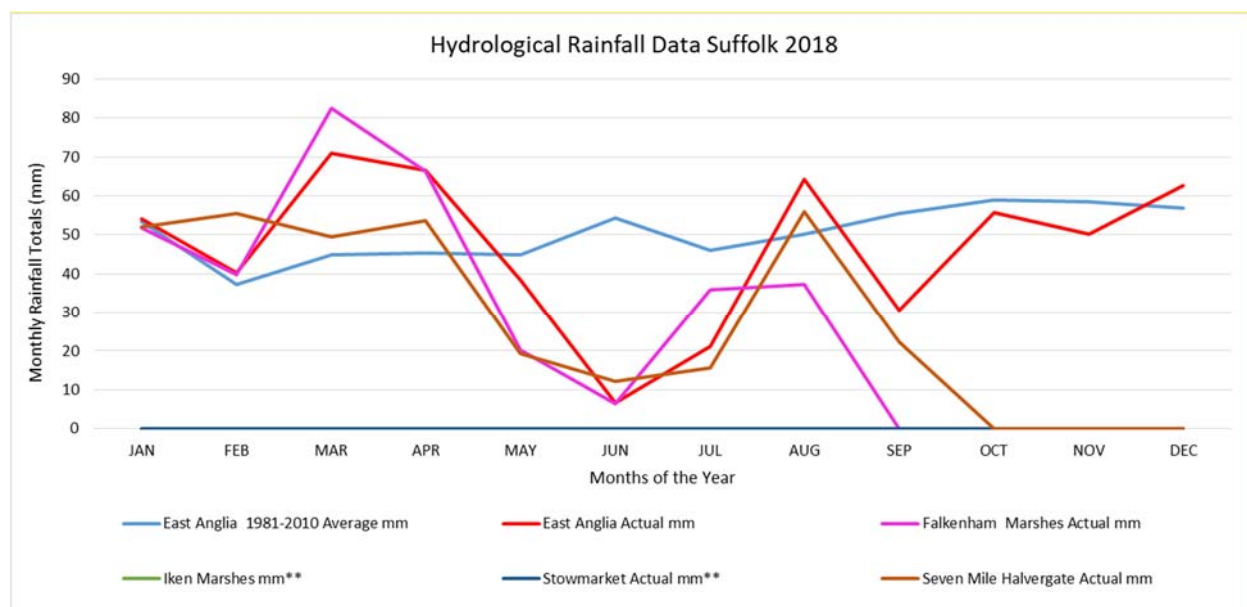
(extracts from <http://www.metoffice.gov.uk/climate/uk/summaries/2018>)

September began settled and warm with plenty of sunshine for most eastern and central parts, but there was a long spell of predominantly westerly winds and unsettled weather starting in the second week and lasting until the 23rd, and it was often very windy between the 18th and 21st. The rest of the month was more settled with some notably cool nights especially for the south.

October began with a week of mainly fine weather over the south but it was generally more changeable in the north. Southerly winds brought unseasonably warm weather in the second week, and it was very wet and windy for most of the country around the 12th. After a quieter spell of weather with plenty of sunshine at times, it turned very cold from the 26th onwards with northerly and north-easterly winds, and showers turned wintry even at low levels on the 27th.

November began quite cold but otherwise the first half was changeable and mild with mainly southerly winds. It turned more settled from the 15th to 18th due to a large Scandinavian high, then easterly winds prevailed from the 19th to 26th, bringing cold weather with frequent showers in the east and in the south-west, but snow was mostly confined to high ground. Mild, wet and windy weather returned to all parts from the 27th onwards.

The first third of December was generally mild, wet and windy. It turned more settled and briefly colder around midmonth due to a Scandinavian blocking high, and widespread freezing rain in central and northern counties caused disruption on the 15th, but mild wet weather returned from the 17th to 23rd. From the 24th onwards it was somewhat quieter with high pressure dominant. A mild westerly flow maintained generally mild cloudy weather during this period, but it was often sunny to the east of the Pennines.



	East Anglia 1981-2010 Average mm	East Anglia Actual mm	Falkenham Marshes Actual mm	Iken Marshes mm**	Stowmarket Actual mm**	Seven Mile Halvergate Actual mm
JAN	53.4	54.1	51.8	0	0	52
FEB	37.2	40.3	39.8	0	0	55.6
MAR	44.8	70.9	82.6	0	0	49.6
APR	45.3	66.7	66.4	0	0	53.6
MAY	44.8	38.4	20.2	0	0	19.4
JUN	54.3	6.5	6.4	0	0	12.2
JUL	46	21.1	35.8	0	0	15.6
AUG	50.1	64.3	37.3	0	0	56
SEP	55.6	30.7	0	0	0	22.4
OCT	59	55.7	0	0	0	0
NOV	58.5	50.2	0	0	0	0
DEC	56.8	62.7	0	0	0	0

\*[http://www.metoffice.gov.uk/climate/uk/averages/19712000/areal/east\\_anglia.html](http://www.metoffice.gov.uk/climate/uk/averages/19712000/areal/east_anglia.html)

\*\* <http://www.metoffice.gov.uk/climate/uk/2018/>

The actual rainfall figures are an estimated mean for the district, are indicative only and can vary substantially from sub-catchment to sub-catchment.

## **6. Health and Safety**

Improved 24hour/365 day remote monitoring Lone Worker system has been deployed throughout WMA Eastern group over this period. It is a simple robust standalone system that is a significant improvement on current arrangements.

Hand Arm Vibration monitoring system has been deployed throughout WMA Eastern Group area to monitor the exposure to vibration from hand tools to ensure workforce are kept safe, preventing permanent nerve damage to hand(white finger) and/or whole arms.

## **7. Complaints**

Nothing to report this period.

## **Dingle Marshes, Dunwich Coastal Adaption Project**

### **Background**

Dingle Marshes including Westwood Marshes is part of the Suffolk Coast National Nature Reserve and is a SSSI, SPA, SAC, Ramsar site and is within the Suffolk Coasts and Heaths Area of Outstanding Natural Beauty. The site is jointly managed by RSPB, Natural England and Suffolk Wildlife Trust.

It is protected from the North Sea by a narrow shingle ridge which periodically overtops on spring and surge tides and on occasion breaches flooding some 93ha with salt water.

The ridge is rolling back between 0.5 – 2m per year (Environment Agency Coastal Morphology Report 2008 -2014) and is progressively getting closer to the Dunwich River which runs parallel to the coast discharging into the River Blyth at Walberswick. At the current rate this could be within the 10 – 15 years.

A surge tide in 2006 blocked the river with shingle and a subsequent project completed in 2010 diverted a 700m length inland.

The surge tide in 2013 breached the shingle bank much further south than previous events and three large shingle fans were formed very close to the river and filling in some saline lagoons. This breach however did seal naturally within three weeks and natural processes gradually reformed the shingle bank.

On Friday 13<sup>th</sup> January 2017 a surge tide breached the shingle ridge at one of the former marsh ditches creating a very deep inlet that flowed at all states of tide. The volume of water flowing through the gap prevented any natural sealing occurring and around 60ha of freshwater marsh was covered in salt water for nearly three months. The breach was eventually sealed by the Environment Agency using a bulldozer.

This resulted in a total grass kill and changed the vegetation structure of the site. Ongoing surveys are being undertaken to measure the degree of change. The loss of grass has meant it has not been possible to graze the site and subsequently phragmites and juncus gerardii are dominating making the site unfavourable in SSSI terms. The site was drained through its sluices to flush the salt water but the very low rainfall in that spring meant the site was very slow building up the levels required for a successful breeding season.

The breach also effectively tide locked the river to the north potentially causing problems to the Westwood Marshes reedbed which was unable to discharge any water through its sluices.

Two meetings involving SWT, RSPB, Natural England, Environment Agency and the local authority Coastal Partnership were set up to discuss the way the future of the site and to plan for the future. Discussions were had as to the short term 10-20 years as this was deemed the timescale before the shoreline meets the river as to how to prevent permanent breaches occurring which would involve intervention. There are seven old ditch lines running east west from the river to the shingle ridge and these are where permanent breaches are likely to occur. Research through previous reports revealed that they had stated that breaches through old ditch or river channels would be unlikely to heal using natural processes.

Planning permission was obtained from Suffolk Coastal District Council, a Flood Risk Activity Permit was issued by the Environment Agency and consent granted by the Water Management Alliance.

Works to block the ditches and create and extend saline lagoons was completed early in November 2018.

### **Water Level Management Plan**

The current water level management plan dates back to 1995 and now no longer reflects the current situation or addresses the future.

The NNR now encompasses the entire area of the 1995 plan and beyond

A 700m section of the river was diverted inland in 2010 due to the river filling in with shingle as the ridge migrated inland.

There are various water control structures that have been installed/upgraded since 1995

The sites are currently in a Natural England Higher Level Stewardship Scheme

Problems that require addressing;

The current situation with roll back of the shingle and the regular filling of the Dunwich River with shingle causes the following problems;

- Over topping or breaches increasingly block the river with shingle reducing the ability to effectively drain the site.
- Breaches can effectively tide lock the north section of river preventing any of the fresh water reedbed from draining
- To clear the river each time potentially damages the vegetated shingle (SAC) feature
- The rate of erosion means the river will meet the sea within 10-15 years before that scenario is reached the frequency of the river being filled with shingle will increase as the ridge advances inland
- Flooding of the wet grassland with salt water changes the vegetation from grassland to salt marsh.
- Prolonged flooding in late winter/early spring prevents the site from being grazed in the summer.
- Flooding in spring can affect the numbers and productivity of breeding waders (SSSI/SPA) feature
- Salt water flooding in winter reduces the numbers of wildfowl and waders (SSSI/SPA) feature
- The rolling back of the shingle ridge is filling in some of the saline lagoons (SSSI) feature
- Regular flooding will prevent the site entering into new agri-environment schemes losing SWT/RSPB joint income of around £45,000 per annum and reduces the market value of the land.
- Regular flooding impacts on the sewage treatment works resulting in treated effluent flowing through the entire site not just being confined to the river.
- The drainage from Westwood Marshes needs improvement to cope with changing conditions
- The footpath between Great Dingle Farm and Little Dingle Hill should act as a spill way but requires remedial work as the west (inland) bank has eroded
- Wallers Wall which is now an EA asset requires work to increase its resilience
- The East Hill Marsh and Point Marsh sluices require upgrading both RSPB and Natural England owned.
- The main river sluice at Walberswick requires restoration. EA aware!

### **Proposed solution**

To allow natural processes to continue and at the same time allow the Dunwich River to act as a drain the proposal is to reroute it westward using the existing ditch network. See plans below.

The rerouting could be carried out in one or two phases depending on funding

Scrapes can be created which will in time become saline lagoons replacing those lost to the advancing shingle. Material from the scrapes can be used to create island/banks that sit above current sea level resulting in nesting and refuge areas as the area becomes increasingly inter tidal.

The new route would again provide a barrier between the fresh and salt water except under storm surge conditions.

Drainage for the village and sewage works will be maintained.

The eventual large areas of shingle/salt marsh should provide habitat for increased numbers of avocet, redshank, ringed plover, oystercatcher and little tern.

The retained fresh water marshes will still provide nesting and foraging areas for lapwing and redshank.

The site will then have a more defined future and should subject to confirmation from Natural England be still eligible for grant funding to ensure management into the future.

### **References**

Water Level Management Plan for Minsmere and Walberswick Heaths & Marshes SSSI, Westwood and Dingle Marshes 1995

Coastal Morphology Report Suffolk Dunwich to Walberswick 2008 – 2017 Smith C, Stanley B, Environment Agency Report RP050/2018

### **Maps**

Map 1 shows the project area but excludes any work required further north on the Dunwich River at Walberswick.

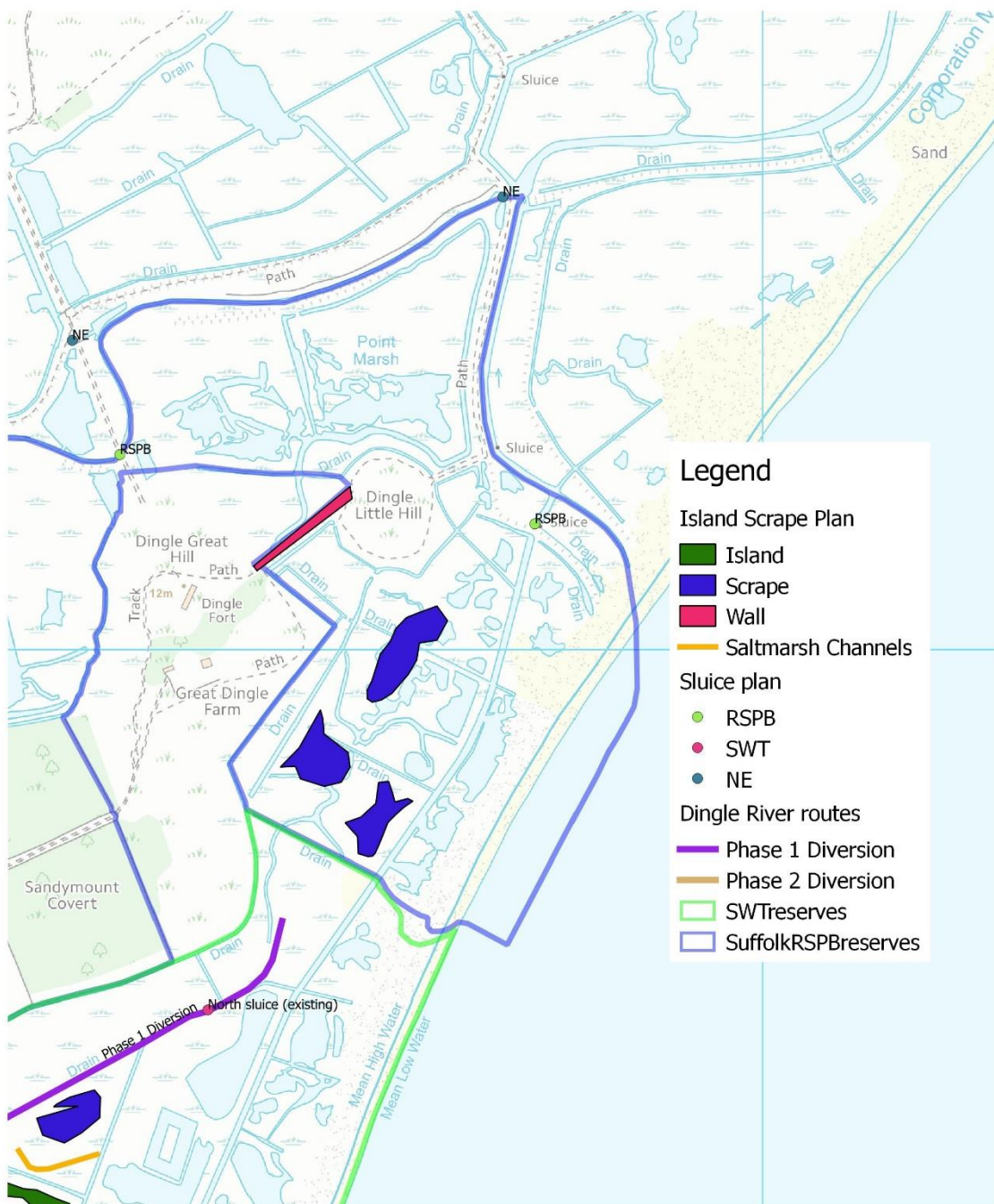
Maps 2, 3 & 4 show the area divided into three separate compartments.







# Dingle Marshes - draft project plan North

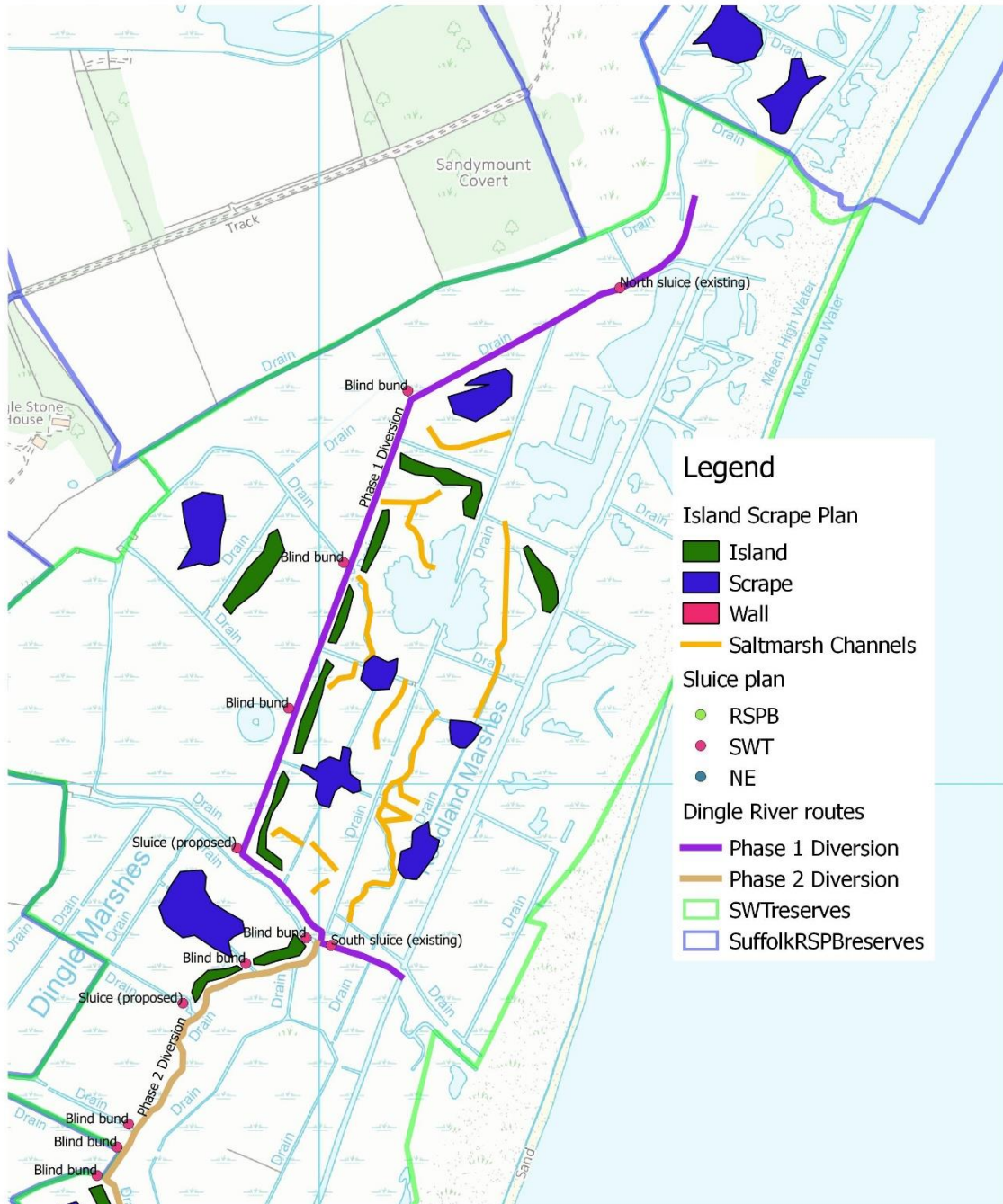


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Map 2.



# Dingle Marshes - draft project plan Central



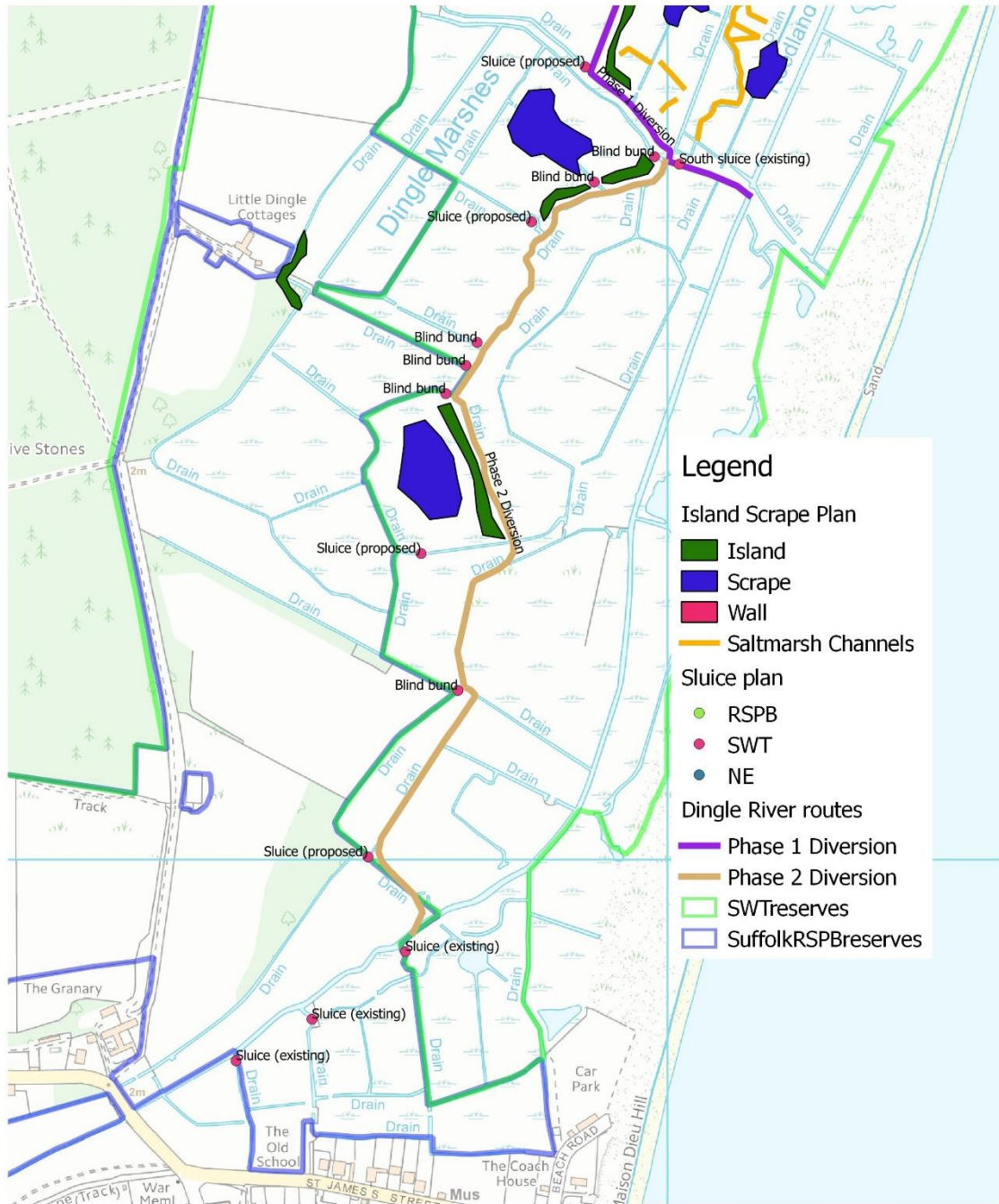
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Map 3.





# Dingle Marshes - draft project plan South



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Map 4.

## PLANNING REPORT

### 1. SUMMARY OF ACTIVITY IN REPORTING PERIOD

- 1.1 This planning report covers the reporting period 1 October 2018 to 4 January 2019. There are currently no consent applications being processed.

### 2. UPDATE ON REPLACEMENT OF CURRENT PLANNING AND BYELAW POLICY DOCUMENT

- 2.1 The member Internal Drainage Boards (“IDBs”) of the Water Management Alliance (“WMA”) have been guided in their application of statutory regulatory powers under the Land Drainage Act 1991 and each Board’s Byelaws by a [Planning and Byelaw Policy document](#) adopted in April 2012.
- 2.2 Following the inception of the new Planning Team within the WMA, officers have continued to be guided by this document. In light of their experiences using the document, and also in response to wider Government legislative and policy changes, officers have also initiated a review of its approach.
- 2.3 As such a [draft Planning and Byelaw Strategy](#) has been produced and was considered by the WMA Consortia Management Committee (“CMC”) on the 7 December 2018. At this meeting CMC supported a recommendation to undertake a limited 4 week consultation with Local Planning Authorities and Risk Management Authorities prior to amendment and submission to each WMA member Board for comment, approval and adoption.

### 3. DELEGATED CONSENTS DETERMINED

- 3.1 During this reporting period, the following 3 consents under the Land Drainage Act 1991 and Board's Byelaws have been determined by Officers in accordance with their delegated authority.

<i>Application Type</i>	<i>Number</i>
Byelaw 3 (B3) – Discharge of Treated Foul Water (TFW):	0
Byelaw 3 (B3) – Discharge of Surface Water (SW):	2
Byelaw 4 (B4) / Section 23 (S23), LDA 1991 – Alteration of watercourse	1
Byelaw 10 (B10)– Works within 9 m of a Board’s maintained watercourse:	0
Total:	3

- 3.2 These determined consents are listed in more detail in the table overleaf.

<b>Case. Ref.</b>	<b>Case File Sub-type</b>	<b>Parish</b>	<b>Location / Site Name</b>	<b>Description of Application or Proposal</b>	<b>Determination</b>
18_00812_C	23 – Section 23, Land Drainage Act 1991	Leiston	RSPB Minsmere Reserve	Installation of a new 300mm twin wall pipe and upstand sluice.	Granted 5/11/2018
18_00915_C	3S - Byelaw 3 Surface Water	Halesworth	Land at Harrisons Lane, IP19 8QA	Proposed Surface Water Discharge from residential development	Consent not required as direct discharge into Main River 13/12/2018
18_00988_C	3S - Byelaw 3 Surface Water	Stowupland	Land between Gipping Road and Church Road, Stowupland, Suffolk	Proposal to discharge surface water at 10.5 l/s from 42,660 m2 of impermeable area created as part of residential development of 175 dwellings	Granted 13/12/2018

#### 4. ENQUIRIES

4.1 There have been 7 enquires received during the reporting period, outlined below;

Case. Ref.	Case File Sub-type	Parish	Location / Description
18_00678_Q	QP - About Planning	Haghley	Fishponds Way - Enquiry regarding FRA requirements and inputs
18_00845_Q	QW - About works	Middleton	Unnamed drain in Middleton - Query as to whether drain is located within East Suffolk IDB
18_00849_Q	QW - About works	n/a	River Wang - EA Tree Planting
18_00867_Q	QR - About Regulation	Middleton	Fordley Road, Middleton, IP17 3LS - Blocked/overgrown ditch
18_00899_Q	QR - About Regulation	Stowupland	Land at Thorney Green Road - SWDC enquiry
18_01030_Q	QR - About Regulation	n/a	EA1N and EA2 Ongoing Engagement
18_01095_Q	QA - Abstraction Consultation	Walberswick	Westwood Marshes - Consultation on application to abstract water

#### 5. PLANNING COMMENTS

5.1 Officers have provided comments on 3 applications that are either in or could impact on the Boards Internal Drainage District. These applications are summarised below;

Planning App. Ref.	Parish	Location / Site Name	Stage of Planning	Description
18_00711_P	Bawdsey	Bawdsey Manor Bawdsey Manor Estate Bawdsey Woodbridge Suffolk IP12 3BH	DC - Discharge of Conditions	Creation of a lake for recreational activities such as raft building and kayaking, including excavation and re-use of excavated materials onsite within the Bawdsey Manor Estate
18_00944_P	Haughley	Land To The West Of, Fishponds Way, Haughley, Suffolk	OU - Outline	Outline planning permission for residential development of up to 65 dwellings
18_01013_P	Bramford	Land East Of The Street And Lorraine Way , Bramford, Ipswich, IP8 4NS	OU - Outline	Outline Application (with access and all other matters reserved) - Residential development of up to 225 homes including affordable homes with areas of landscaping and public open space, new access from Lorraine Way and pedestrian and cycle links.

## 6. FEES ASSOCIATED WITH CONSENTS GRANTED

6.1 There has been 1 fee invoiced during the reporting period. This is detailed below;

Type of charge	Case ref.	Developer	Site	Amount (no VAT)	Date invoiced	Paid? Y/N	"Trigger" and reason for payment
Surface Water Development Contribution	18_00988_C	Bloor Homes Eastern	Land between Gipping Road and Church Road, Stowupland, Suffolk	£ 28,143.38	28/11/2018	Yes	2 <sup>nd</sup> payment related to granting of consent for 39,968 m2 of impermeable area discharging into private watercourse at 10.5 l/s

**G.R. BROWN – FLOOD AND WATER MANAGER**

## **EAST SUFFOLK IDB ENVIRONMENTAL REPORT –January 2019**

The Environmental Team continues to facilitate maintenance and capital projects undertaken throughout the East Suffolk IDB area. The following information pertains to environmental work carried out for the East Suffolk IDB involving the Environmental Officers (EOs) and/or the Environmental Manager (EM) for the period of early October 2018 to January 2019:

### **1. INFORMATION FOR THE BOARD**

#### **1.1 PSCA Projects**

1.1.1 Opportunities for river restoration and environmental enhancement projects are being pursued with the EA Suffolk Catchment Environment Officers.

1.1.2 Alde-Ore – water vole scoping surveys have been undertaken, mostly using floating rafts, along the soke dykes at a number of locations where future works are likely. A summary of the surveys is as follows:

- Snape: Well distributed throughout the survey area.
- Aldeburgh: Distributed throughout the section surveyed.
- Iken: Distribution is very intermittent along the section surveyed.
- Sudbourne: The soke dyke is generally sub-optimal water vole habitat with isolated areas of optimal habitat, and field signs were intermittent throughout the soke dyke. The marsh dykes were sub-optimal habitat and no signs found.
- Chillesford: The soke dyke is sub-optimal to optimal, but with very dense vegetation. No signs found.
- Boyton: An initial scoping survey was undertaken, which showed that the habitat is suitable and some signs were found. Further surveys are needed here.

#### **1.2 Aldeburgh Town Marshes**

1.2.1 Post-construction water vole surveys have been undertaken along the new soke dyke within the Phase 1 works area as well as a number of internal marsh dykes that were enhanced to provide improved water vole habitat to release water vole into that were trapped from the soke dyke during works. A summary of the surveys is as follows:

- Soke Dyke: Along the folding edge, a berm was constructed and marginal vegetation transplanted during the works to create the dyke. The result is that the habitat on the new soke dyke is establishing well. Another season's growth will see further improvement with a denser vegetation strip along the dyke bank providing better cover. During the survey, feeding remains were found throughout and droppings were also seen, but more infrequently.
- Marsh Dykes: The habitat within the dykes surveyed was generally optimal to sub-optimal with intermittent field signs found on most dykes. Habitat suitability was affected by cattle poaching (some lengths were fenced, to prevent poaching) and high water levels flooding out the banks on some dykes.

### **1.3 Natural Flood Management (NFM)**

Work has been undertaken on an NFM project at Mill Green, Debenham (as reported in the last Board report).

### **1.4 Biodiversity Action Plan Reporting 2018-2019**

The Boards Biodiversity Action Plans were reviewed by April 2018 and various action have been undertaken since then by the Board, mostly via the day to day running of the Boards Maintenance and Capital Scheme Delivery programmes. Some actions however, are delivered via other organisations on behalf of the Board, where they receive funding from the Board to facilitate projects.

A summary of the progress made thus far in 2018-19 is shown as Appendix 1.

A report by the Suffolk Mink Control Programme is shown as Appendix 2.

## **2 Site Visits and Pre-Work Assessments**

01 October 2018

The EOs Helen Mandley and Jamie Manners carried out water vole surveys on the Alde-Ore.

15 October 2018

The EO Helen Mandley undertook a maintenance audit on an IDB drain at Wetherden.

19 October 2018

The EO's Helen Mandley and Jamie Manners carried out water vole surveys on the Alde-Ore.

25 October 2018

The EO's Helen Mandley and Jamie Manners carried out water vole surveys at Aldeburgh.

08 and 27 November 2018

The EO Helen Mandley and Ali Bloomfield carried out scoping exercise on drains that are due to be maintained.

13 and 14 November 2018

The EO Jamie Manners assisted a subcontractor to collect water vole survey rafts from the Alde-Ore sites.

19 November 2018

The EM and Operations Manager carried out a scoping survey of the Kings Fleet and Falkenham Catchments in relation to determining the maintenance needs of the watercourses and understanding Water Framework Assessment requirements.

## **3 Meetings and Training**

Environmental Team meetings have been held on: 3 October, 15 November and 17 December.

03 October 2018

The EO Jamie Manners attended the evening Lowestoft Barrier practice training to put the barrier up.

04 October 2018

The EO Helen Mandley attended the morning Lowestoft Barrier practice training taking the barrier down.

08 November 2018

The EO, Jamie Manners and the EM attended 4x4 training at the Explore 4x4 training facility at Elvedon, Thetford. The training is required to demonstrate competency in off-road driving, which may be needed for future Capital Schemes in East Suffolk and other Boards. Operations Engineer Tom Jones and Operations Manager Phil Semmence also received training.

30 November 2018

The Environmental Team attended a Bat Survey Training Course at Horham, Suffolk with a view to broadening the team's understanding of bat ecology, survey and legislation with regard to bats in woodlands or utilising trees. This furthered their knowledge of: where to look for bats in woodland, the commuting and foraging behaviour of bats, legislation protecting bats and the use of an endoscope in looking for bats whilst undertaking woodland management.

#### 4 Licence or assent applications made during this period

<b>License / Assent / Habitat Regulations Assessment</b>	<b>Applied</b>	<b>Granted</b>
ESIDB Waste Carrier licence	23 November 2018	23 November 2018
WFD assessment on drain at Chillesford, prior to desilting.	13 December 2018	N/A
WFD assessment on drain Gedgrave, prior to desilting.	13 December 2018	N/A



## Habitats and Species Action Plan Review 2018-2019

<b>SALTMARSH</b>			
9.	Explore the potential for enhancing the saltmarsh in the vicinity of King's Fleet Outfall, and others, to ensure that the outfall can be used sustainably. Apply for Natural Flood Risk Management Funding.	SCC, DEP, RDA NE and EA	2018
	Water Environment Grant Fund money was applied for in partnership with Suffolk County Council, for the Kings Fleet Outfall Restoration Project in May 2018. The outcome of this grant bid is yet to be determined.		
10.	Using lessons learned from the Waldringfield (Deben) saltmarsh restoration scheme, advise others of our monitoring outputs and undertake monitoring as per the project monitoring programme.	SCT, SSG, DEP, RDA and Waldringfield residents	Annually
	The next monitoring survey of Waldringfield Saltmarsh Restoration Scheme is programmed for May 2019.		
11.	Work with partners to identify suitable sites for saltmarsh restoration partnership projects and support grant applications for landowners and community groups.	SCF, SSG, Estuary partnerships and Landowners	2018-23
	Currently ongoing in the Deben, Alde/Ore and Blyth Estuaries.		
13.	Share our expertise with partners and the public through attendance at meetings and presentations where appropriate and raise awareness of the importance of this habitat locally.	SCF and SSG	2018-20
	Various Public Meetings attended by Officers throughout 2018, where saltmarsh restoration has been highlighted.		
<b>WATER VOLE</b>			
16.	Ensure compliance with the IDB SMO by auditing an identified number of maintenance works jobs annually, to ensure they are being carried out sensitively and to an agreed standard across the Board.		2018 - 23
	Two SMO audits are undertaken per year to assess compliance with the SMO document. Outcome of the audits are reported and managed internally via the IDB Quality management System.		

## Habitats and Species Action Plan Review 2018-2019

17.	Send Water Vole survey records to the Suffolk Biodiversity Records Centre.	SBIS	2018 - 23
	Water vole data has been collected on sites at Aldburgh, Iken and Snape in 2018. Data will be sent to SBRC in April 2019 .		
18.	Continue to work in partnership on the Suffolk Mink Control Project.	SWT	2018 - 23
	See most recent Suffolk Wildlife Trust Report on Mink Captures in 2017-18 illustrating the continued downward trend of mink captures from 2016-2017.  The East Suffolk IDB contributed £2500 to mink control in East Suffolk in 2018-19 to facilitate the project		
20.	Take opportunities to enhance Water Vole habitat where appropriate during Capital or river/wetland restoration schemes.	NE, EA, SWT and Landowners	2018 - 23
	Presence of Water Vole indicated in many of the dykes enhanced during the Aldburgh Sea Defence project 2016 as recorded in a recent survey of October 2018.		

<b>NON NATIVE INVASIVE SPECIES</b>			
27.	Continue to contribute to and work in Partnership with the Suffolk Non-Native Invasive on Invasive control projects.	SWT	2018-23
	£2000 provided to Suffolk Wildlife Trust for provision of Non Native Species Initiative in IDB watercourses. A report will be provided in due course.		
30.	Ensure availability and regular review of identification guides developed for key non-native species to be used by officers, staff and contractors on site.	SWT, Staff and Contractors	2019 & 2022
	If invasive species are known in areas, these species are then listed in the toolbox talk and fact sheet given. Staff will also report invasives back to the Environmental Officer.		

# Suffolk Water Vole Conservation and Mink Control Project



NEWSLETTER No 12

Compiled by Penny Hemphill and Nick Oliver

June 2018

Another year on and once again Suffolk Wildlife Trust would like to thank all mink trappers for your continued commitment to the project. In 2017 there were 58 known mink captures which is the lowest number since the project began. The total known captures since the project started in 2002 is 2795. We can never assume a river is mink free however there is no question that this project has had a massive impact on mink numbers in Suffolk with fewer mink being trapped each year. So if you go for several months without a sign of a mink, please don't give up—just leave your raft in monitoring mode.

## Trappers tales from Nick Oliver

Nick Marno traps on the River Brett and joined the project in 2017. One day when checking his raft he found the trap had been triggered. On closer inspection there was a mink inside the trap but what was unusual was that lying on the raft was a dead water vole. Exactly what happened is hard to say. It is likely that the mink caught the vole and then swam to the raft looking for somewhere to eat or temporarily stash it. It then briefly left the vole on the raft as it entered the trap to see if it was a safe and unoccupied tunnel -difficult to do with a large vole in your mouth!



## Focus on trappers:

Sandy Jackson operates one of our mink rafts on the river Black Bourn and first contacted the project when she lost two of her chickens to an unidentified predator. Both chickens had been killed during daylight hours. Something had managed to get into a chicken pen through a hole that was barely big enough for a rat to squeeze through. A mink like creature was spotted and sure enough a mink was soon caught on the raft. Unusually, this mink looked significantly different to most of the mink caught in Suffolk - it was white. White mink in Suffolk are not unheard of but are very rare. They are not normally albino but the result of a combination of recessive genes passed to the offspring from both parents. It is quite likely that its siblings were the common/dominant dark brown colour usually found in wild populations—a second mink of this colour was subsequently caught. Other coat colours have been observed in Suffolk including a light tan colour and a grey/silverblue mink. If you catch any unusual coloured mink we would be very interested to know.



## MINK RAFT MAINTENANCE

Does your clay need replacing? If so let us know and we will get some more to you. It is important to make sure the clay is clean and free from vegetation so all animal tracks can be clearly recorded.



**Have 15 years of mink trapping had a positive influence on water vole populations in Suffolk?**

2,795 mink have been culled in Suffolk between 2002 and 2017 and thanks to this project is still ongoing. Up until 2010 we undertook water vole surveys in all the river catchments which showed that water voles had returned to our rivers. We would like to see how well water voles are currently faring in Suffolk so this year are undertaking a water vole survey of six river catchments, revisiting the original survey sections and recording water vole evidence and habitat quality. The results will be compared with the baseline data gathered in the 1997/8 county survey as well as the findings of our two subsequent surveys from 2003—2010. The survey will focus on water vole field evidence in terms of feeding remains, droppings, latrine counts and burrows. Habitat data will also be collected as well as details of any river restoration schemes undertaken in the last few years. The fieldwork will be undertaken by experienced SWT Ecologist Alison Looser, under the project management of Simone Bullion (Conservation Manager). We are grateful to People's Trust for Endangered Species for funding this work. If you would like more information about this survey please get in touch.



Water vole by Nick Oliver

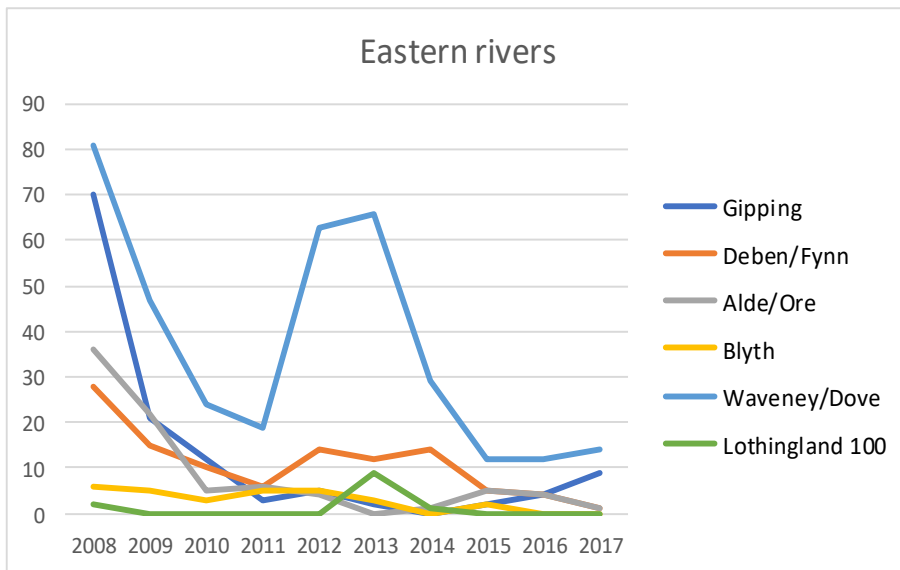


Silverblue mink (left) white mink below

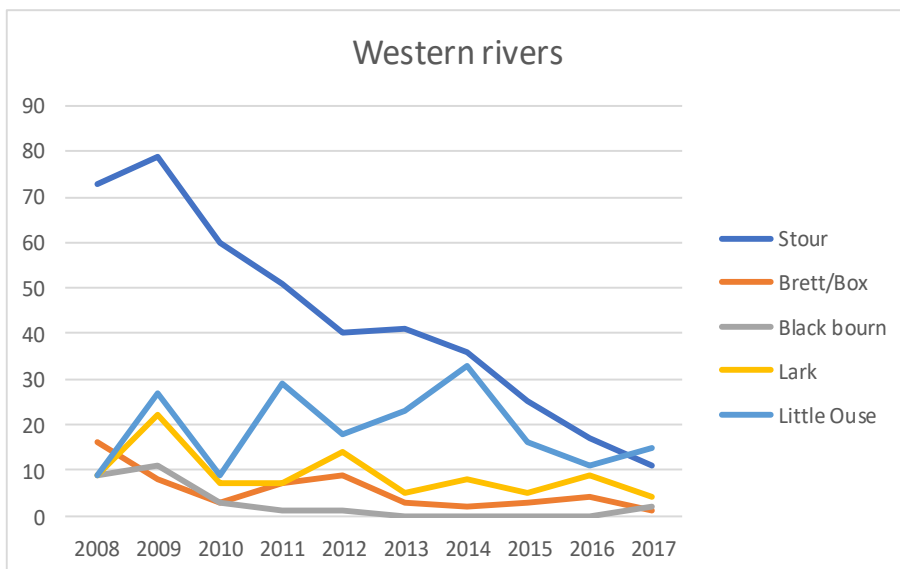


Sandy Jackson

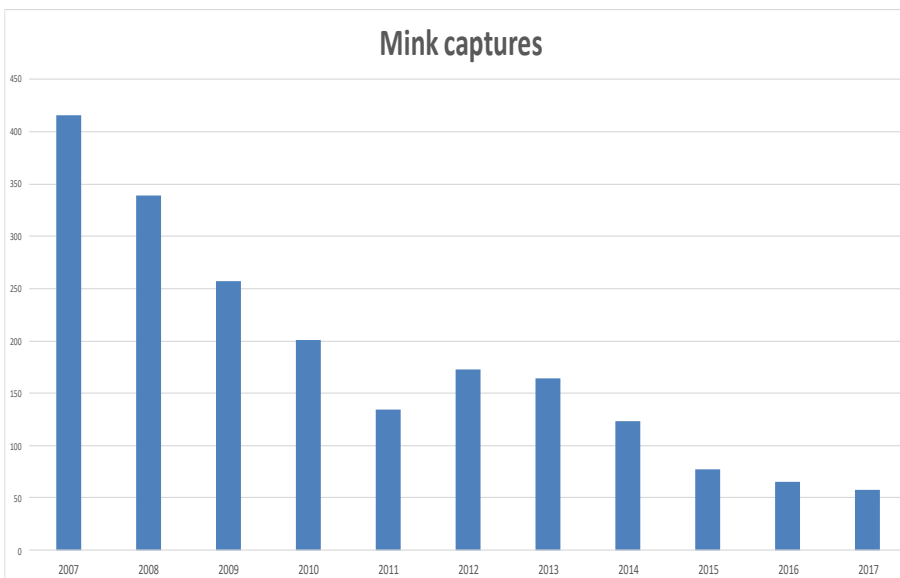
Trapping results for 2017



**Figure 1:** Mink trapping results on the eastern rivers show that fewer mink were trapped on all the rivers apart from the Waveney and the Gipping. There was a sharp increase on the Gipping where one trapper at Needham Market was very successful and caught seven mink. His raft is on a ditch set off the river well hidden by trees and scrub and is evidently a good location for trapping.



**Figure 2:** Mink trapping results on the western rivers show that there was a decrease in numbers of trapped mink on the Stour, Lark and Brett/Box. The first mink since 2012 were trapped on the Black Bourn and the number trapped on the Little Ouse increased. This is thanks to the Cambridgeshire mink project which operates on the county boundary downstream which is having an impact on the number of mink coming up the Little Ouse.



**Figure 3:** This illustrates the number of mink trapped each year since 2007. There has been a significant drop over the years with 2017 showing the fewest mink trapped for ten years. However *please* keep monitoring your rafts so we can continue to keep mink numbers down throughout our rivers in future years. If we stop trapping, the mink will soon re-colonise the rivers and impact on water vole populations once more.

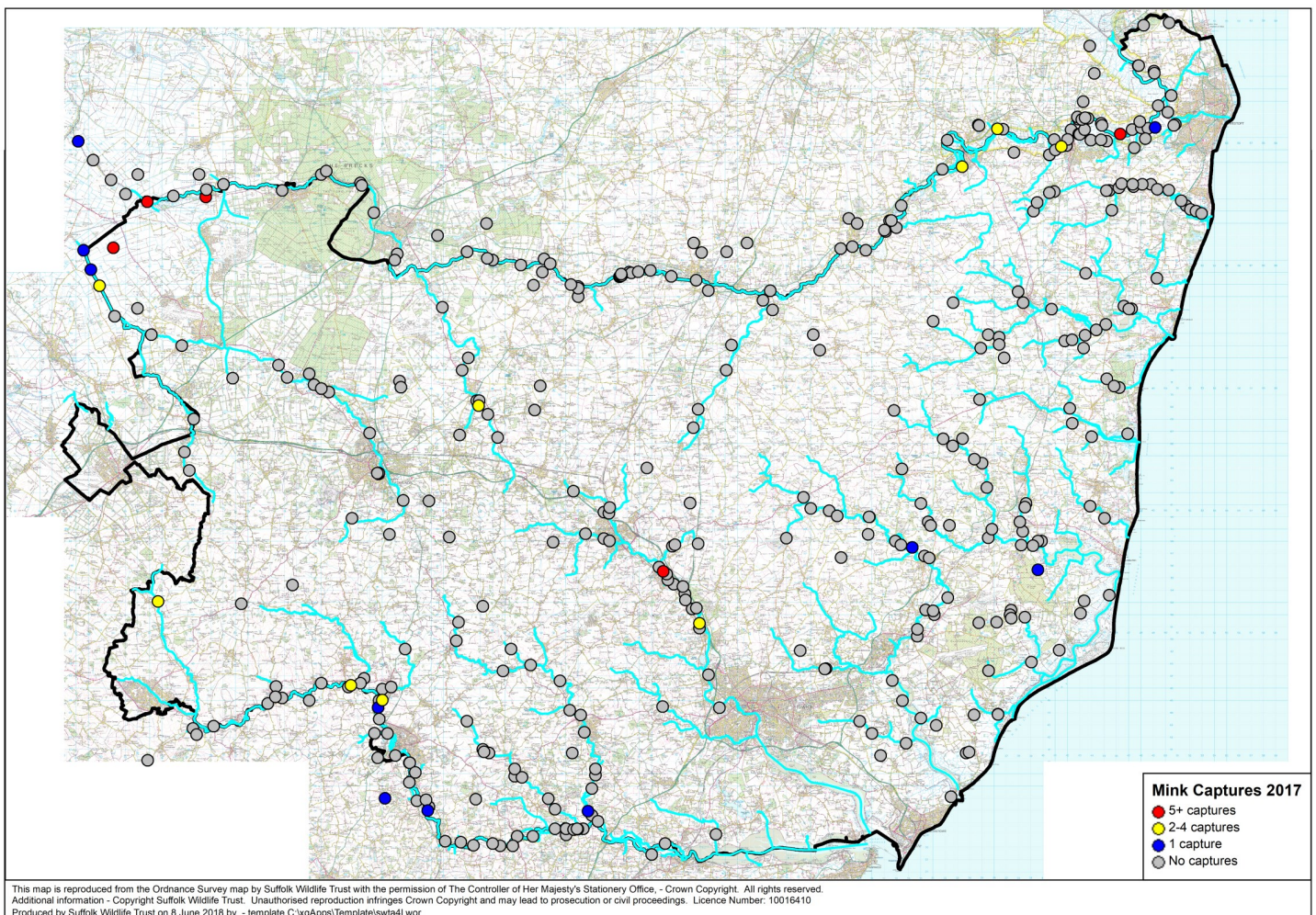


### Animal welfare

- It is a legal requirement to check traps at least once every twenty-four hours
- Dispose of the body by burying it to a depth of 0.5m
- Ensure your trap has an otter exclusion guard attached to avoid inadvertently trapping a young otter
- Remember it is illegal to release mink back into the wild

### Funding

We are very fortunate to have the continued support of the Environment Agency, Essex & Suffolk Water, Anglian Water and East Suffolk Drainage Alliance which has enabled us to continue co-ordinating the project since 2002. Many thanks to these organisations. There is no doubt that this is a long term project and continued monitoring is essential to ensure we continue to protect water voles. **So please keep your rafts active.**



The map above shows where the mink were trapped in 2017. As in previous years the county boundary rivers which include the Little Ouse, the Waveney and the Stour continue to be where the majority of mink are caught, but last year the results from the Gipping, Black Bourn, Alde and Deben show that mink are still present on rivers throughout the county. Collecting in all the results continues to be difficult so if you have trapped mink and think we haven't got your data, please do let us know. If you no longer wish to be part of the project we will be able to re-locate your raft elsewhere so do please keep in touch with us.

### Need help?

If you need more information, a site visit or a mink raft please do contact Penny Hemphill or Nick Oliver at:

Suffolk Wildlife Trust, Brooke House  
Ashbocking, Ipswich  
IP6 9JY  
Tel 01473 890089

# East Suffolk IDB

## Schedule of Paid Accounts

Payment Date From : 01/09/2018

Payment Date To : 31/12/2018

<u>Account ID</u>	<u>Name</u>	<u>Details</u>	<u>Amount Paid This Period</u>
AN0001	Anglia Farmers Ltd	Electricity/Materials	29,579.30
BR0004	Broads (2006) IDB	Plant & Labour hire/Materials	10,280.85
CA0001	Capel St Andrew Farms	Pump attendance	1,200.00
CI0002	City Electrical Factors	Parts	159.90
CO0005	S J Cobbold Suffolk	Plant, Labour, Equipment	32,290.98
EA0001	Eastern Marine Ltd	Supply of Responder Boat & Crew	1,629.00
EC0001	Ecology Link Ltd	Site Ecology Walkout	2,364.00
EN0001	Environment Agency	Precept	43,155.50
FE0003	Mr S Felgate	Drain/Stream Maintenance	8,076.68
LA0001	Mervyn Lambert Plant Ltd	Welfare Unit Hire/Traffic	1,857.06
LA0002	Laser Civil Engineering &	Labour	178.20
MLM001	MLM Consulting Engineers Ltd	Civil Engineering Consultancy	9,103.80
NO0001	Norfolk Rivers IDB	Labour	144.00
OR0001	Ordtek Limited	Hazard and Risk Assessment	5,700.00
RE0002	Rexel UK Ltd	Electrical Items	79.62
RP0001	Risk & Policy Analysts Ltd	Assessment of Contributions	17,892.00
SE0001	Selwood Ltd	Pump Hire	467.23
SU0003	Suffolk Wildlife Trust	BAP	2,000.00
WA0011	Water Management Alliance	Technical Support Costs	114,981.65

**Please note that the amounts shown above include Vat £ 281,139.77**

## East Suffolk Internal Drainage Board Draft Objectives 2018/19 - Performance Review

	<b>Objective</b>	<b>Responsible Officer</b>	<b>Status</b>
1.	Ensure total expenditure does not exceed the expenditure budget for 2018/19 and plan for subsequent years' rate increases to equate to no more than an inflationary rise.	Chief Executive/ Budget Holders: Catchment Engineer	Achieved.
2.	Ensure the EA's annual precept charge on the Board is fair and is spent on work that benefits the Internal Drainage District.	Chief Executive/Board	The agreement with the EA for the IDB to deliver a 3-year programme of works to EA main river benefitting the IDB system, which commenced in 2017/18 has, in 2018/19 been halted by the EA. Given that this programme would have been funded with by the IDB's precept/RFCC Local Levy the Board should consider appealing its 2019/20 precept.
3.	To progress with changing the legislation to enable the Board to extend its area, should Highland Water Contributions be reduced or no longer made by the EA to the Board for managing surface water entering the Drainage District from the Upland Catchment.	Chief Executive/Board	Ongoing (Rivers Authority and Land Drainage Bill 2018 - 19). 2 <sup>nd</sup> reading in Parliament scheduled for 08/02/2019
4.	To help introduce a sustainable investment programme primarily for the 'low consequence' main river network that the Board's watercourses discharge into, by working with the EA, SCC, LPAs, NE and our other partners.	Catchment Engineer/Operations Engineers	Ongoing but impeded by the cessation by the EA of the IDB delivery of works to EA main river as set out in objective 2.
5.	To complete the review of the arterial network and the Board's Infrastructure Adoption/Abandonment Policy.	Catchment Engineer/Operations Engineers	Rolled over from 16/17; currently outstanding for completion.
6.	To help introduce a sustainable investment programme primarily for the unaffordable and 'uneconomic' sea walls that protect the Board's District, by working with the EA, AOEP/AOET, DEP, SCC, SCDC, WDC, NE and our other partners.	Catchment Engineer/ Project Manager	Work In Progress.



## **Draft Objectives for 2019/20**

1. To ensure that total expenditure does not exceed the expenditure budget for 2019/20 and plan for subsequent years' rate increases to equate to no more than an inflationary rise.
2. To ensure that the EA's annual precept charge on the Board is fair and that it is spent on work that benefits the Internal Drainage District.
3. To make progress with changing the legislation to enable the Board to extend its area, should Highland Water Contributions be reduced or no longer made by the EA to the Board for managing surface water entering the Drainage District from the Upland Catchment, subject to their being local support for doing so.
4. To help introduce a sustainable investment programme primarily for the 'low consequence' main river network that the Board's watercourses discharge into, by working with the EA, SCC, NE and our other partners.
5. To complete the review of the arterial network and the Board's Infrastructure Adoption/Abandonment Policy.
6. To help introduce a sustainable investment programme primarily for the 'uneconomic' sea walls that protect the Board's District, by working with the EA, AOEP/AOET, DEP, SCC, SCDC, WDC, NE and our other partners.
7. To be financially and hydrologically independent from the Environment Agency within a period of 3 years.

**Distributed to:**

**Members**

Beavan D  
Block Mrs C  
Caston J  
Cooke P N R  
Foskett J  
Greenwell Sir E  
Hall B  
Hedgley C  
Holmes O  
Loyd C A  
Mann C J  
Mann R W  
Marchant Ms W  
Marson Mrs J  
Paul M A  
Pipe R J  
Rivett C  
Rowlands A J  
Smart P  
Smith A  
Welham K

**Officers**

Bloomfield G  
Brown G  
Camamile P J  
Jeffrey Miss S  
Roberts P  
Thomas Miss K

East Suffolk IDB  
Meeting 14 January 2019