

**A MEETING OF THE SOUTH HOLLAND INTERNAL DRAINAGE BOARD WAS HELD IN THE BOARD ROOM, MARSH REEVES, FOXES LOWE ROAD, HOLBEACH, LINCOLNSHIRE ON WEDNESDAY, 8 FEBRUARY 2017 AT 10.30 AM.**

<b>Elected Members</b>	<b>Appointed Members</b>
* J L van Geest	<b>South Holland D C</b>
* N J Grundy	* F Biggadike
A G Hay	S M Booth
S A R Markillie	* Ms T Carter
* J Perowne	* P Coupland
* I Stancer	* P Foyster
* S R Taylor	M Howard
* R C Thompson	* M Seymour
J W Ward	* Mrs E Sneath
* D R Worth	* J Tyrrell
	* P M Walls
	<b>South Holland D C/ Boston B C</b>
	* A Casson
	* Present (76%)

Mr D Worth in the Chair

In attendance:

Mr P J Camamile (Chief Executive), Mr K L J Vines (District Engineer/Health and Safety Officer),  
Mr A D Price (Operations Manager/Health and Safety Supervisor)  
and Mrs M Creasy (minutes)

<b>ID</b>	<b>South Holland IDB, Minute</b>	<b>Action</b>
<b>01/17</b>	<b>APOLOGIES FOR ABSENCE</b>	
<b>01/17/01</b>	Apologies for absence were received on behalf of Messrs S M Booth, A G Hay, M Howard, S A R Markillie and J W Ward.	
<b>02/17</b>	<b>WELCOME AND INTRODUCTIONS</b>	
<b>02/17/01</b>	Mr I Stancer was welcomed to his first Board meeting in his role as co-opted elected member replacing Mr D Sly.	
<b>03/17</b>	<b>DECLARATIONS OF INTEREST</b>	

- 03/17/01** Mr P J Camamile, Chief Executive declared an interest in respect of the payment made to Byzantine Ltd, as recorded in the WMA Schedule of Paid Accounts, due to his position as Company Secretary and shareholder of that Company and also in respect of his wife who is a Director and shareholder of the same Company. RESOLVED that this be noted.
- 03/17/02** Mr D R Worth, Board Chairman declared an interest in respect of the payment to A H Worth & Co Ltd as recorded in the WMA Schedule of Paid Accounts for payment of his South Holland IDB Chairman's allowance, due to his position as Chief Executive of that Company. RESOLVED that this be noted.
- 03/17/03** Mr A D Price, Operations Manager declared an interest in respect of the payment to R Price Plastering recorded in the Schedule of Paid Accounts, due to his paternal relationship with Richard Price. RESOLVED that this be noted.
- 03/17/04** Mr R Thompson, Board member declared an interest in Planning Report item 7.1.3 due to his family connection to the applicant. RESOLVED that this be noted.

**04/17 MINUTES OF THE LAST BOARD MEETING**

- 04/17/01** The minutes of the last Board meeting held on 1 November 2016 were approved and signed as a true record, to include the amended minutes 69/16/07 and 69/16/08 plus the addition of minute 69/16/09. RESOLVED that this be noted.

**05/17 MATTERS ARISING FROM THE MINUTES****05/17/01 Drainage Rates and Special Levies (69/16/01)**

The meeting with South Holland IDB Chief Executive and South Holland District Council Finance to discuss the Special Levy for 2017/18 had taken place on 12 December 2016. RESOLVED that this be noted.

**05/17/02 Bell Row Freshwater Feed (69/16/05)**

Welland and Deepings IDB's consideration of the adoption of the private Bell Row Dyke watercourse, subject to it being brought into good condition prior to adoption, would be discussed at that Board's February 2017 meeting. RESOLVED that this be noted.

**05/17/03 Free Span Bridges (69/16/06)**

The District Engineer reported that according to Land Registry records the bridge over the Little Holland Drain at Bloodfold Farm known as Tears Bridge was not registered as owned by South

**KLJV**

Holland IDB. Liability for repairs to Tears Bridge did not, therefore, rest with South Holland IDB. RESOLVED that this be noted.

**05/17/04 Finance Report (69/16/09)**

The Chief Executive reported that the previously reported £28,087 debt outstanding for >90 days as reported at the 2 August 2016 meeting had now been paid in total, the last £7,000 owing having been paid in November 2016. RESOLVED that this be noted.

**05/17/05 Alterations to Peppermint Junction, Holbeach (74/16/07)**

The District Engineer had no update from LCC to report.

**05/17/06 Piping of 170m of Moulton River, Moulton Seas End (74/16/09)**

The District Engineer had no update from LCC to report.

**05/17/07 Application for relaxation of Byelaw 10: Residential Development on land off Severn Road, Spalding – Applicant Welland Homes Ltd (76/16/03 – 76/16/07)**

- (i) All South Holland District Council Appointed Members present declared an interest at this point due to the Council's ownership of Welland Homes Ltd.
- (ii) The District Engineer reported that following the Board's decision at the last meeting to refuse Byelaw 10 consent to the application as presented at that meeting, and its subsequent granting of its delegated authority to the Board Chairman, Vice-Chairman, and Plant and Development Committee Chairman to determine an acceptable way forward, those Board representatives and the District Engineer met with representatives from Welland Homes Ltd. Two options were subsequently agreed in principle by both parties with Welland Homes Ltd agreeing to resubmit its application with either or both of those options for the Board to approve relaxation of Byelaw 10. RESOLVED that this be noted.

**06/17 PERFORMANCE COMMITTEE**

**06/17/01** The minutes of the Performance Committee meeting held on the 16 January 2017 were considered in detail and approved. Arising therefrom:

**06/17/02 Review of Objectives 2016/17 (03/17/02)**

The Performance Review for 2016/17, (a copy of which is filed in the Report Book), was considered in detail and approved as having been substantively achieved. Arising therefrom:

**06/17/03 2016/17 Objective 2: Review of Board's Health and Safety Plan**

**(03/17/03)**

It was agreed and thereby RESOLVED to approve the Performance Committee recommendation to vest full responsibility for all health and safety matters pertaining to maintenance, rechargeable works and capital works delivered by the Board's direct labour operatives with the Operations Manager role that would be implemented at the time of the current Operations Manager's retirement.

**06/17/04 2016/17 Objective 3: Pros and Cons of ADA Membership (03/17/04)**

It was agreed and thereby RESOLVED to approve the Performance Committee recommendation for the Board to remain a full member of ADA.

**06/17/05 Objectives for 2017/18**

It was agreed and thereby RESOLVED to approve the objectives for 2017/18 as follows:

- (i)** To ensure that total expenditure does not exceed the expenditure budget for 2017/18 and plan for subsequent years' rate increases. Continue to discuss the Special Levy for each financial year with South Holland District Council.
- (ii)** To recruit an Operations Manager and plan for the post holder to be appointed no later than 31 December 2017. Job description and employment package to be considered by the Performance Committee at its June/July 2017 meeting for approval at Board meeting 1 August 2017.
- (iii)** To review the responsibilities for the roles of Operations Manager, Work Supervisor and Plant Engineer.
- (iv)** To implement the new health and safety hierarchy on appointment of the new Operations Manager.
- (v)** To review the maintenance programme and reduce cost without compromising service delivery on high priority infrastructure. Maintenance budget, (Direct Works), not to exceed £1.3m unless an extraordinary event. Any costs taking budget over £1.3m to be itemised, identified and budgeted separately.
- (vi)** To obtain grant-aid where ever possible to part fund capital schemes and investigate all other funding opportunities.

**06/17/06** The Chairman reiterated that obtaining EA grant aid together with funding from all possible avenues remained a key objective for the Board particularly in view of the fact that to date no grant aid had been awarded during 2016/17.

**07/17 CHAIRMAN'S COMMITTEE****07/17/01 Estimates 2017/18**

The detailed estimates (a copy of which is filed in the Report Book), together with the recommendations arising from the minutes of the Chairman's Committee meeting held on 16 January 2017 were considered in detail and approved. Arising therefrom:

**07/17/02** The Capital Works estimate for 2017/18 revised from £2,163,000 to £1,325,000 as a result of the removal of eel/fish friendly costs as proposed by the Chairman's Committee, was considered in detail and approved. Arising therefrom:

**07/17/03** Members noted the refurbishment projects for Donningtons pumping station, Sutton St James pumping station and Westmere pumping station/sluice had been delayed in 2016/17 due to applications for grant aid not yet confirmed by the EA. These projects had therefore been rolled into the 2017/18 capital programme and the ensuing underspend for 2016/17 would be transferred to the Capital Works Reserve. The District Engineer was currently liaising with EA officers to endeavour to receive funding, which, if not made available in the relevant financial year in which it had been allocated from Government to the EA, would be unavailable for the following year. Please also refer to minute 10/17/02. RESOLVED that this be noted.

**07/17/04** Members considered also that the Common Works Programme, another potential route for alternative funding, did not appear to be working as efficiently in South Lincolnshire as it was in North Lincolnshire. It was agreed that the Board should look to partnership working to facilitate access to the Common Works Programme by inviting South Holland District Council and Boston Borough Council to engage with the Local Drainage Group meetings chaired by Lincolnshire County Council, and to include examples of works to highlight this. RESOLVED that this be noted.

PJC/KLJV

**07/17/05** It was agreed and thereby RESOLVED that Mr S A R Markillie as a representative on the Lincolnshire Strategy Group should, on the Board's behalf, continue to raise the issue of how IDBs can unlock all funding avenues. RESOLVED that this be noted.

SARM

**07/17/06 Maintenance Programme 2017/18**

The Maintenance Works Estimate for 2017/18 as prepared by the Operations Manager, totalling £1,266,377 was considered in detail and approved. There were no matters arising.

**07/17/07 Administration and Technical Support Costs 2017/18**

The Estimate of Administration and Technical Support Costs for 2017/18, as recommended by the Consortium Management

Committee on 9 December 2016 was considered in detail and approved. Arising therefrom:

**07/17/08** It was agreed and thereby RESOLVED to approve the inclusion of the Technical Support Consortium charge of £146,900 in the Board's Rate Estimates for 2017/18.

**07/17/09** It was agreed and thereby RESOLVED to approve the inclusion of the net Administrative Consortium charges of £204,191 in the Board's Rate Estimates for 2017/18.

**07/17/10 Agricultural Compensation Rate: Triennial Review (08/17/02)**

It was agreed and thereby RESOLVED to approve the Chairman's Committee recommendation to keep the agricultural compensation rate at £350 per hectare for the three year period 1 April 2018 to 31 March 2021 and to seek professional advice if challenged by any ratepayer(s).

**08/17 FINANCIAL YEAR 2017/18**

**LAY AND SEAL THE DRAINAGE RATE AND SPECIAL LEVIES**

**08/17/01** It was agreed and thereby RESOLVED to approve the net requirement of £3,151,126 for 2017/18 (a copy of which is filed in the Report Book). Arising therefrom:

**08/17/02 Annual Values**

It was agreed and thereby RESOLVED to approve the aggregate annual values as at 31 December 2016, used for the purposes of raising and apportioning net expenditure from drainage rates and special levies for 2017/18.

**08/17/03** The Chief Executive apprised Members of the additional payments South Holland IDB was required to make to the Lincolnshire Pension Fund to reduce its notional pension deficit. Additional payments over and above the employer's contribution rate had been made in the sum of £36,000 over the last three years but the pensions actuary had requested that these repayments be increased to £702,000 for the next three year period, which would necessitate an increase in the Agricultural Drainage Rate and Special Levy to as much as 10%, as well as requiring the Board's Reserves to be drained. The Board's Chairman and Chief Executive had subsequently met with South Holland District Council Officers to discuss the impact of this on the Special Levy, with both parties agreeing that if the Rate and Special Levy increase could be reduced to 2.5% this would be manageable for both SHIDB and South Holland DC. However it was recognised that in doing this another significant increase was likely to be needed in 3 years' time. The Chief Executive had reverted to Lincolnshire Pension Fund and negotiated a reduction in the deficit repayments to £300,000 over the next three year period, resulting in the Chairman's

Committee recommendation for the Board to approve an increase of 2.5% in the Agricultural Drainage Rate and Special Levy for 2017/18.

**08/17/04** The Board's Chairman apprised Members of Mr P Coupland's conversation with him prior to this meeting, in which Mr Coupland had stated that South Holland DC would accommodate an increase of no more than 2% to the Special Levy for 2017/18, despite him having attended the Chairman's Committee meeting when a recommendation was made for a 2.5% increase, (albeit Mr Coupland abstained from voting on that decision). The Chairman's disappointment was compounded by the fact that South Holland IDB had also alerted South Holland DC Officers to the 2.5% increase in December 2016 when those Officers had agreed to raise this at the South Holland DC budget setting meeting.

**08/17/05** The Chairman asked Members to consider that the Board's decision today on the Rate/Special Levy for 2017/18 should ensure the IDB's ability to properly maintain its internal drainage district and deliver an efficient service to its ratepayers, and he reminded all Council Appointed Members in attendance of their remit to represent the urban ratepayer and not South Holland District Council at this meeting.

**08/17/06** The Chairman went on to propose approval of the Chairman's Committee recommended increase of 2.5%, which was seconded by Mr N Grundy and put to the vote:

- 14 in favour
- 1 against, (Mr P Coupland).

**08/17/07** It was therefore agreed and thereby RESOLVED to approve the net requirement of £3,151,126 for 2017/18 as presented, Option 3, as recommended by the Chairman's Committee, which equated to a Drainage Rate increase of 2.5% to 11.985p in the pound and 2.5% increase on the Special Levy due from the constituent billing Authorities:

**Option 3**

Drainage Rate in the Pound: 11.985p

**Financed by:**

Occupiers Drainage Rates	£954,802
South Holland District Council	£1,232,715
Boston Borough Council	£868
Reserves	£962,741
	<b>£3,151,126</b>

**08/17/08 Indicative Five Year Forecast**

It was agreed and thereby RESOLVED to approve the indicative 5 year forecast, (a copy of which is filed in the Report Book), showing

the estimated annual increase in drainage rates and special levies for the following 5 years.

### 09/17 OPERATIONS REPORT

**09/17/01** The Operations Report was considered in detail and approved (a copy of which is filed in the Report Book). Arising therefrom:

#### **09/17/02 Sickness (2.1)**

The Operations Manager reported that the sick leave recorded in the report applied to one operative only, who was expected to remain on sick leave circa 6 weeks.

#### **09/17/03 Health and Safety (3.1)**

There were no reportable incidents during this reporting period. RESOLVED that this be noted.

#### **09/17/04 Rechargeable Works: Whittlesey IDB (4.1)**

The Operations Manager declared an interest at this point in respect of the rechargeable works undertaken for Whittlesey IDB, which is where his son is employed. RESOLVED that this be noted.

### 10/17 ENGINEERING REPORT

**10/17/01** The Engineering Report, (a copy of which is filed in the Report Book), was considered in detail and approved. Arising therefrom:

#### **10/17/02 Grant Aid Applications (1.3)**

The District Engineer anticipated that Donningtons and Sutton St James pumping stations' schemes may achieve £77,000 and £102,000 respectively in grant funding, although this could not be confirmed until completion of the EA's National approval process, whilst the Westmere pumping station scheme may not attract any grant funding at all. The Chairman asked the District Engineer to keep him apprised of the situation. RESOLVED that this be noted.

#### **10/17/03 Exeter Drain North piping and improvement (Rear of Exeter Drive and Spalding High School) (1.5)**

The Board's Chairman and District Engineer apprised Members of their meeting with Spalding High School to discuss the Board's improvement proposals for Exeter Drain North, and the concerns expressed by the School about land loss, access and the proposed removal of 5 mature willow trees currently in the banks of the open watercourse. Both planned to meet also with Spalding Academy, which would also be affected by the proposed works. The Chairman

KLJV



ID South Holland IDB, Minute	Action
<p>recorded that Members should be aware that it would not be possible to properly maintain the open watercourse if the willow trees are not removed, and resolving these issues could impede works delivery. RESOLVED that this be noted.</p>	
<p><b>10/17/04 Adoption of Watercourse (4.1)</b></p> <p>Members considered the adoption of 68m of open watercourse off the Board's Mill Dyke pipeline and adjacent to land now being developed at Cowbit, the adoption having previously been agreed by the Board to take place at the time this land was developed, (as recorded in minute 46/11/04(ii)(c)).</p>	
<p><b>10/17/05</b> It was agreed and thereby RESOLVED to adopt the 68m section of open watercourse, as identified on the plan in the Engineer's Report, and to include in the Board's Byelaw consent for the development the requirement for the developer to install ground reinforcement to the public open space grassed sections covering the Board's access strips to both the 68m section of open watercourse and the Board's Mill Dyke pipeline, in order to minimise any damage by the Board's plant when undertaking maintenance operations.</p>	KLJV/ADP
<p><b>10/17/06 Policy for raising buried inspection chambers on Board pipelines (4.2)</b></p> <p>Members considered the District Engineer's proposals for the continued practice of raising to ground level all historic buried inspection chambers with lids circa 1m below ground level. This would reduce the time currently spent locating inspection chambers when undertaking pipe jetting works.</p>	
<p><b>10/17/07</b> It was agreed and thereby RESOLVED to approve the continued modification of buried inspection chambers by raising them to ground level as and when they are located and to pay compensation for any arising loss in cropping area should any inspection chambers be found in agricultural land.</p>	KLJV/ADP
<p><b>10/17/08 Piping of 60m of Scarlet Gate Drain, Saracens Head (4.3)</b></p> <p>Members considered the proposal to pipe the 60m section of the Board's Scarlet Gate Drain, as identified on the plan included in the Engineer's Report, which would alleviate the existing access issues that prohibit machine access.</p>	
<p><b>10/17/09</b> It was agreed and thereby RESOLVED to approve the piping of this 60m section of Scarlet Gate Drain at an estimated cost of £12,500 + VAT and to undertake these works as budgeted for, within the 2017/18 maintenance programme.</p>	KLJV/ADP
<p><b>10/17/10 Proposed drainage improvements for the western side of Weston (4.5)</b></p>	

ID South Holland IDB, Minute	Action
<p>Members considered the drainage improvement proposals for the western side of Weston as set out in the District Engineer's report and following the Board's previous consideration in August 2016 of the water logging issues currently existing in the Weston area.</p>	
<p><b>10/17/11</b> It was agreed in principle to undertake the improvement works as proposed, at an estimated cost of £30,000 to £40,000 + VAT and to fund these works from the Board's Surface Water Development Contribution funds, (current development going through the planning process is due to realise approximately £10,000 surface water development contribution for the Board), but to schedule works to ensure the costs could be managed appropriately. RESOLVED that this be noted.</p>	
<p><b>10/17/12</b> The Chief Executive reiterated the need for the resurgence of the Local Drainage Group meetings, (as discussed earlier in this meeting), which would help to prevent developments proceeding without adequate drainage in place. Members concurred and agreed to use Weston as an example in the letter to South Holland District Council and Boston Borough Council to highlight the need for the reinstatement of the Local Drainage Group meetings. RESOLVED that this be noted.</p>	<b>PJC/KLJV</b>
<b>11/17 ENVIRONMENTAL REPORT</b>	
<p><b>11/17/01</b> The Environmental Report was considered in detail and approved, (a copy of which is filed in the Report Book). Arising therefrom:</p>	
<p><b>11/17/02 Correspondence from Mr Nicholas Watts about South Holland IDB's Maintenance Regime (6.1)</b></p> <p>Members considered the letter, (a copy of which is filed in the Report Book), received from Mr Nicholas Watts, farmer, wildlife advisor and member of Welland and Deepings IDB in which he expressed his concern about the Board's cutting policy and its effect on habitat within the watercourses and advocated cutting only one side of the watercourses each year.</p>	
<p><b>11/17/03</b> Mr R Thompson, Chairman of the Board's Conservation Committee recorded his confidence in the Board's Officers and in particular in the District Engineer's proposal, taking account of flow conveyance and drainage standards, to adhere to the existing cutting regime plus in addition to 'only purposely undertake partial vegetation cutting in a watercourse where the channel has been designed to this criteria and has been sized and constructed accordingly. This additional capacity should be built into the Board's system when reprofiling existing, or constructing new watercourses'.</p>	
<p><b>11/17/04</b> It was agreed to continue to adhere to the existing cutting regime but to include a review of this annually on the Conservation Committee Agenda to consider amendments to watercourses where possible for</p>	<b>Cons.Com</b>

environmental purposes. RESOLVED that this be noted.

## 12/17 PLANNING REPORT

**12/17/01** The Planning Report was considered in detail and approved, (a copy of which is filed in the Report Book). Arising therefrom:

**12/17/02 Application for relaxation of Byelaw 10  
Residential Development – Land off Fen Road, Holbeach (7.1.1)**

Members considered the application for the relaxation of Byelaw 10 in respect of a proposed residential development with a dedicated 6m wide access strip alongside the Board's high priority Holbeach River watercourse and all buildings shown outside the 9m Byelaw zone. It was agreed and thereby RESOLVED to approve the relaxation of Byelaw 10 to permit the 6m wide access strip, but so as to guarantee the Board's continued unimpeded access to maintain/improve this watercourse, any possible future development on the other side of the Board's high priority Holbeach River must provide for a full 9m access and it was agreed and thereby RESOLVED that Byelaw 10 consent would be subject to the following conditions:

- The 6m wide dedicated access strip with gated entry from the private drive being provided for Board's access, and this strip and access thereto being conveyed to the Board at no charge.
- The Board to have a legal right of access over the private drive to gain access to the strip.
- All permanent structures to be constructed outside of the 9m Byelaw zone, only temporary structures, such as sheds, to be allowed within the 3m width of Byelaw zone within the gardens.
- A boundary fence being installed 6m from the brink of the watercourse as a means of demarcation between access strip and gardens, and the property owners adjacent to the strip to be legally bound to keep and maintain the fence in good repair, and replace it as necessary in the future when it becomes no longer fit for purpose.
- Any fences within the 9m Byelaw zone to be fully de-mountable in nature, and any patios, footpaths, drives etc. within this zone to be temporarily surfaced (such as gravel or slabs) rather than permanently surfaced (such as tarmac or concrete).
- The applicant entering in to the Board's Deed of Indemnity for the development in the usual manner, including paying all costs incurred by the Board in preparing and executing that document and lodging a copy with HM Land Registry.

ID South Holland IDB, Minute	Action
<p><b>12/17/03</b> Members considered that if further development was planned on the other side of the Holbeach River watercourse, the Board would be agreeable to the straightening this watercourse and it was agreed that the District Engineer would look at options for the Board to consider. RESOLVED that this be noted.</p>	<p><b>KLJV</b></p>
<p><b>12/17/04 Application for the relaxation of Byelaw 10 Replacement footbridge and irrigation pipe crossing across Lutton Leam Drain (7.1.2)</b></p> <p>Members considered the application for the relaxation of Byelaw 10 to permit the replacement of an existing wooden footbridge across the Board's high priority Lutton Leam watercourse with an irrigation pipe incorporated into a steel channel for protection that would cross the watercourse in the same location as the existing bridge.</p>	
<p><b>12/17/05</b> As the owner of this watercourse and therefore with a responsibility for health and safety requirements, the Board considered that the existing wooden plank footbridge should be removed. It was considered that the proposed replacement footbridge was also inadequate and should be refused, and the irrigation pipe should be located under the drain bed, (as previously advised by the District Engineer to the applicant). It was therefore agreed that the application should be refused and that the applicant must also remove the wooden plank footbridge currently in situ across this watercourse. RESOLVED that this be noted.</p>	<p><b>KLJV</b></p>
<p><b>12/17/06 Land Drainage Act Section 23 Application to alter a watercourse to pipe 78m section of Lutton Grange North Drain (7.1.3)</b></p> <p>The Chairman recorded that in respect of Mr R Thompson's declaration of interest in this item, as declared earlier in the meeting, he was permitted to participate in the discussion of this item but could not take part in the Board's decision. RESOLVED that this be noted.</p>	
<p><b>12/17/07</b> Members considered the application for the piping of a 78m section of the Board's low priority Lutton Grange North Drain to allay EA concerns of potential pollution to this section of watercourse due to its location adjacent to a concrete pad used for manure composting. It was agreed and thereby RESOLVED to approve consent in accordance with Section 23 of the Land Drainage Act subject to the following</p> <ul style="list-style-type: none"> <li>• The pipe being installed to the Board's specification, and to the satisfaction of the Board, using 600mm dia plastic pipe.</li> <li>• The piping being undertaken at the applicants cost.</li> <li>• The applicant paying a Commuted Maintenance Fee for the Board to take on the future maintenance of the pipeline</li> </ul>	

<b>ID South Holland IDB, Minute</b>	<b>Action</b>
<p><b>12/17/08 Delegated Consents (7.2.4)</b></p> <p>The delegated Byelaw consents granted by the Chief Executive's Committee under its delegated authority were considered in detail and approved.</p>	
<p><b>13/17 SCHEDULE OF PAID ACCOUNTS</b></p>	
<p><b>13/17/01</b> The Schedule of Paid Accounts for the period of 1 October 2016 to 31 December 2016, totalling £468,783.86 was considered in detail and approved, (a copy of which is filed in the Report Book). There were no matters arising.</p>	
<p><b>14/17 MATERIAL CHANGES TO RISK REGISTER</b></p>	
<p><b>14/17/01</b> Members considered the risk register for those risks with a risk assessment matrix score of <math>\geq 6</math>. Arising therefrom.</p>	
<p><b>14/17/02</b> It was agreed and thereby RESOLVED to add the reinstatement of Local Drainage Group meetings to endeavour to access funds from the Common Works Programme as an action to mitigate the risk of a reduction to the Board's income.</p>	<b>MEC</b>
<p><b>15/17 CORRESPONDENCE</b></p>	
<p><b>15/17/01</b> There was no correspondence for the Board's consideration during this reporting period.</p>	
<p><b>16/17 NEXT MEETING DATE</b></p>	
<p><b>16/17/01</b> The next meeting was scheduled for 9 May 2017 at 10.30 am.</p>	
<p><b>17/17 ANY OTHER BUSINESS</b></p>	
<p><b>17/17/01</b> There was no other business to discuss.</p>	
<p><b>18/17 OPEN FORUM: TO HEAR FROM ANY MEMBER OF THE PUBLIC WITH LEAVE OF THE CHAIRMAN</b></p>	
<p><b>18/17/01</b> There were no members of the Public present at today's meeting.</p>	
<p><b>19/17 CONSORTIUM MATTERS</b></p>	
<p><b>19/17/01</b> The unconfirmed minutes of the last Consortium Management Committee meeting held on 9 December 2016 were considered in</p>	

detail and approved. There were no matters arising.

**19/17/02 Schedule of Paid Accounts**

The WMA Schedule of Paid Accounts for the period 1 April 2016 to 30 November 2016, totalling £734,844.17 as approved at the Consortium Management Committee meeting on 9 December 2016, was considered in detail and adopted by the Board. There were no matters arising.

**19/17/03 Financial Report**

The WMA Financial Report for the period 1 April 2016 to 30 November 2016, as approved at the Consortium Management Committee meeting on 9 December 2016, was considered in detail and adopted by the Board. Arising therefrom:

**19/17/04** Members were apprised of the £53,891 under budget Consortium charges that was projected at year end for South Holland IDB. RESOLVED that this be noted.

**19/17/05 WMA Estimates 2017/18**

The detailed Consortium Budget and Basis of Apportionment for the financial year 2017/18, as approved at the Consortium Management Committee meeting on 9 December 2016, was considered in detail and approved by the Board. There were no matters arising.

**19/17/06 Issues for discussion at the next CMC Meeting**

There were no specific issues raised by Members that would require discussion at the next Consortium Management Committee meeting on 31 March 2017.

**20/17 CONFIDENTIAL BUSINESS**

**20/17/01** It was agreed and thereby resolved to exclude the public for 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.

## OPERATIONS REPORT

### 1 MAINTENANCE WORKS

#### 1.1 MECHANIAL RODING

All mechanical roding was completed by the end of January 2017.

##### 1.1.1 FLAILS

1.1.2 John Deere tractor (7441) and its rear mounted Herder Rapier flail (7548) and front mounted Herder flail (7549) have cut a total of 1,241 km from week ending 19 July 2016 at a cost of £31.68 per km.

1.1.3 Claas tractor (7442) and its rear mounted Herder Rapier flail (7551) and front mounted Herder flail (7550) have cut a total of 1,283 km from week ending 31 July 2016 at a cost of £39.33 per km.

1.1.4 New Holland tractor (7440) with Herder Grenadier and flail mower (7547) have cut a total of 436 km from week ending 3 July 2016 at a cost of £46.48 per km.

#### 1.2 RODING BASKETS

1.2.1 Caterpillar short reach excavator (Hire) with 4.2 m roding basket (7919) - This machine started work week ending 22 January 2017 and has cut a total of 2.3 km at a cost of £547 per km.

1.2.2 Volvo tracked medium reach excavator (7119) with 8.6 m roding basket (7916) - This machine started work week ending 24 July 2016 and has cut a total of 61 km at a cost of £192 per km.

1.2.3 Volvo wheeled medium reach excavator (7120) with 4.2 m roding basket (7918) - This machine started work week ending 10 July 2016 and has cut a total of 178 km at a cost of £197 per km.

1.2.4 Caterpillar tracked long reach excavator (7121) with 5.5 m roding basket (7920) – This machine started work week ending 10 July 2016 and has cut a total of 169 km at a cost of £404 per km.

1.2.5 Caterpillar tracked medium reach excavator (7122) with 8.6 m roding basket (7921) – This machine started work week ending 17 July 2016 and has cut a total of 165 km at a cost of £210 per km.

1.2.6 Caterpillar tracked medium reach excavator (7123) with 8.6 m roding basket (7922) – This machine started work week ending 17 July 2016 and has cut a total of 217 km at a cost of £209 per km.

- 1.2.7 New Holland tractor (7440) with Herder Grenadier medium reach (7547) and 4.2 m roding basket (7917) – This machine started work week ending 19 July 2016 and has cut a total of 141 km at a cost of £301 per km.

1.3 NEW ACCESS WORKS/CULVERT REPAIRS

The following culverts have been constructed in private side dykes and Board's drains to improve access for mechanical roding equipment and Health and Safety.

<u>LOCATION/DRAIN</u>	<u>DIAMETER (mm)</u>	<u>LENGTH (m)</u>
Lawyers (gas crossing)	Plastic 600	6
Lost Tunnel	Plastic 300	9
Moulton River	Plastic 450	12

1.4 CLEANSING/INSPECTING PIPELINES AND CULVERTS

The following pipelines and culverts have been cleansed/jettted/surveyed in this reporting period.

<u>LOCATION</u>	<u>REMARKS</u>
Brewery	Jettted-ADC x 1
Falls	Jettted-ADC x 7
Fleet River	Jettted-ADC x 3
Gedney	Jettted-ADC x 1
Gedney	Jettted-ADC x 4
Holbeach St Marks	Cleaned-SHIDB x 1
Hurnfields	Jettted-ADC x 5
Lapwater	Cleaned-SHIDB x 1
Lawyers	Cleaned-SHIDB x 1
Lutton Eau	Jettted-ADC x 3
Lutton Eau Pipelines	Jettted, camera ADC x 3
Old Falls Pipeline	Jettted, camera-ADC
Washway Road	Jettted-ADC x 1

1.5 MUDDING WATERCOURSES

The following watercourses have been mudded in this reporting period.

<u>LOCATION/DRAIN</u>	<u>LENGTH (m)</u>
Brewery	400
Falls	1,795
Holbeach St Marks	4,315
Lapwater	890
Lawyers	10,135
Lutton Eau	2,085
Washway Road	2,295



The Board's Caterpillar 15 m long reach machine (7121) and Phil Wrights 22 m long reach machine started mudding on the South Holland Main Drain at Cliftons Bridge on 9 January 2017.



Mudding on the South Holland Main Drain

1.6 BUSHING/TREE TRIMMING

Bushing and tree trimming has taken place along the following watercourses during this reporting period.

DRAIN

Andersons  
Brewery  
Exeter Pipeline  
Exeter Drain  
Falls  
Holbeach St Marks

DRAIN

Lawyers  
Moulton River  
South Holland  
Sutton Bridge Main  
Washway Road  
Wheatmere

## 1.7 RUBBISH

The following list shows the amount of rubbish removed from the Board's drains during this reporting period.

<u>LOCATION</u>	<u>REMARKS</u>
Benderslough (roadside near outfall)	2 car tyres
Donningtons (near Flagbottom outfall-roadside)	Old car seat
Donningtons (roadside)	1 car tyre
Fox Heading (roadside)	33 car tyres
Freeshwater (roadside near Clarks Gate)	5 car tyres
Gowts Lane (down track)	2 car tyres
Hitherhold Gate (Near roadway track allotment)	4 old car seats
Holland Main (Decoy Bridge)	1 car tyre
Holland Main (Donningtons – Peartree Bridge)	1 car tyre
Holland Main (Fleet Fen stone heap)	7 car tyres
Lutton Eau (near Blands yard)	2 car tyre
Peartree (Holbeach Bank)	2 car tyres
Snuffers Lane (on roadside near old barn)	Old oil tank, bits of scrap
Sots Hole (roadside)	5 car tyres
Sutton Bridge Main (Peters Point road junction)	1 car tyre
Woodhouse (roadside)	6 car tyres
Woodhouse (roadside-bend on road)	2 car tyres

## 1.8 PUMPING STATIONS

### 1.8.1 LAWYERS PUMPING STATION

Pump number three has been installed by Shoebridge Engineering after refurbishment in their workshops. Pump number one was removed at the same time and was taken back to Shoebridge Engineering for the fitting of new cables. On closer inspection other work was required and new bearings, seals and impellor shaft lock nut have been fitted. The impellor shaft and bell mouth surface have been refurbished.

The pump is due to be refitted by Shoebridge Engineering on 31 January 2017.

## 1.9 SLUICES

### 1.9.1 SUTTON BRIDGE SLUICE

The security gates at Sutton Bridge Sluice have been moved back from the road and new security fencing installed across the frontage of the site by MVS fencing contractors.

## **2 EMPLOYEES**

### **2.1 SICKNESS**

A total of 25 working days have been lost in this reporting period due to illness.

## **3 HEALTH AND SAFETY**

### **3.1 ACCIDENTS**

There have been no accidents in this reporting period.

### **3.2 NEAR MISSES**

There have been no health and safety near misses in this reporting period.

## **4 RECHARGEABLE WORKS**

### **4.1 WHITTLESEY IDB**

Whittlesey IDB have paid £10,914 + VAT for contract weed cutting.

### **4.2 ENVIRONMENT AGENCY**

The Environment Agency have paid £2,235.75 + VAT to have the Coronation Soke Dyke in Spalding flail mowed and basket roded.

### **4.3 BROADS IDB**

Broad's IDB have paid £570.00 + VAT to have a weed basket repaired.

ANDY PRICE  
OPERATIONS MANAGER

# ENGINEERING REPORT

## 1 CAPITAL WORKS

### 1.1 PROVISION OF WEEDSCREEN CLEANERS AT LAWYERS, PEARTREE HILL, SUTTON ST JAMES, AND DONNINGTONS PUMPING STATIONS

The orders for the weedscreen cleaners at these sites have been placed with Ovivo. Delivery and installation at the first site, Lawyers, is due in April of this year.

### 1.2 TELEMETRY

The trial installation of CCTV cameras at Sutton Bridge Sluice has been carried out and deemed successful. It must now be decided at which sites the Board would like to have the CCTV upgrade. This is discussed further in the confidential section of the report. A sample image from Sutton Bridge Sluice can be seen below.



### 1.3 GRANT AID APPLICATIONS

The draft grant applications for the following schemes have been prepared by the Environment Agency framework consultants CH2M, and sent out for consideration by the Environment Agency:

- Donningtons Pumping Station refurbishment (for works remaining)
- Sutton St James Pumping Station refurbishment
- Westmere Pumping Station and Sluice refurbishment

At the time of writing, little detail is known of the applications, but it has been intimated that the Westmere scheme is not economically viable to put through the

grant application process, the consultancy costs out-weighing the grant that the scheme would attract. With regards to the Donningtons and Sutton St James schemes, it is currently felt that they will attract £77,000 and £102,000 in grant aid respectively, although this has still to go through the EA's approval process. It is hoped to have this approval completed within the next month to allow any grant due to be claimed in this financial year as allocated.

#### 1.4 EXETER DRAIN NORTH PIPELINE REPAIRS (HALMER GATE TO ALBERT STREET, SPALDING)

As the Board agreed at the last meeting to support the Lincs County Council in completing the investigation phase of this scheme, a site meeting has been held with representatives of the LCC to discuss the work to be carried out by the Board, namely:

- The construction of a chamber on the pipeline in the garden immediately north of Halmer Gate to allow the LCC to continue the jetting/camera works.
- Clearing the bed of the watercourse downstream of the pipeline as much as possible to reduce the amount of water in the pipeline during the jetting/camera work.

The Board's Operations department agreed to carry this work out during February of this year, and will liaise with the LCC in this regard. The cost of this work is coming out of the previously agreed £100,000 contribution to the remedial scheme, which appears in the Board's capital programme.

#### 1.5 EXETER DRAIN NORTH PIPING AND IMPROVEMENT (REAR OF EXETER DRIVE AND SPALDING HIGH SCHOOL)

A meeting has been held with the Spalding High School to discuss the proposed improvement of the open section of watercourse between the school fields which will form part of this scheme. The meeting primarily discussed the issues of land loss, access, and removal of the trees. There was general concern from the school around these issues, and another meeting has now been arranged with the Spalding Academy on the other side of the watercourse to discuss the same issues.

It is recommended that some flexibility be built in to the proposed work schedule as agreed by the Board at the last meeting. It was planned to carry out the improvement of the open section in 2017/18 along with 78m of piping. Considering the timescales which might be required to negotiate around the open channel improvement it may be prudent to have the flexibility to push this element of the work back if necessary, in which case the yearly budget allocation will be used on increasing the length of piping that can be achieved in Year 1.

## 2 MAINTENANCE WORKS

### 2.1 CLEANSING OF OPEN WATERCOURSES AND PIPELINES

The proposed watercourses for de-silting during the 2017/18 financial year are as follows:

DRAIN REF		LENGTH (M)
REF	NAME	
A02	Coronation Channel Soke Dyke	2780
H38	South Holland Main Drain (Foremans Bridge to Wisbech Road Bridge)	3720
K03	Brickfields	375
K12	Hazlewood Lane	2885
K13	Hockles Gate	925
K18	Old Eau	750
K19	Pound Rig	360
K24	Woodhouse	630
K27	Chapel and Branch	1270
K34	Guys Head Old Sea Bank Soke Dyke	1755
N01	Bowers	3320
N02	Bowers Branch	1235
N08	Sots Hole and Connection	3810
N09	West and Worths	1005
O01	Andersons	8780
O02	Lapwater	590
O03	Soke Dyke - East	935
O04	Soke Dyke - West	780
<b>TOTAL</b>		<b>35,905</b>

All culverts within the above watercourses will be jetted and cleaned during the cleansing operation and all pipelines will be jetted and camera surveyed.

## 3 SLUICES

### 3.1 SUTTON BRIDGE SLUICE

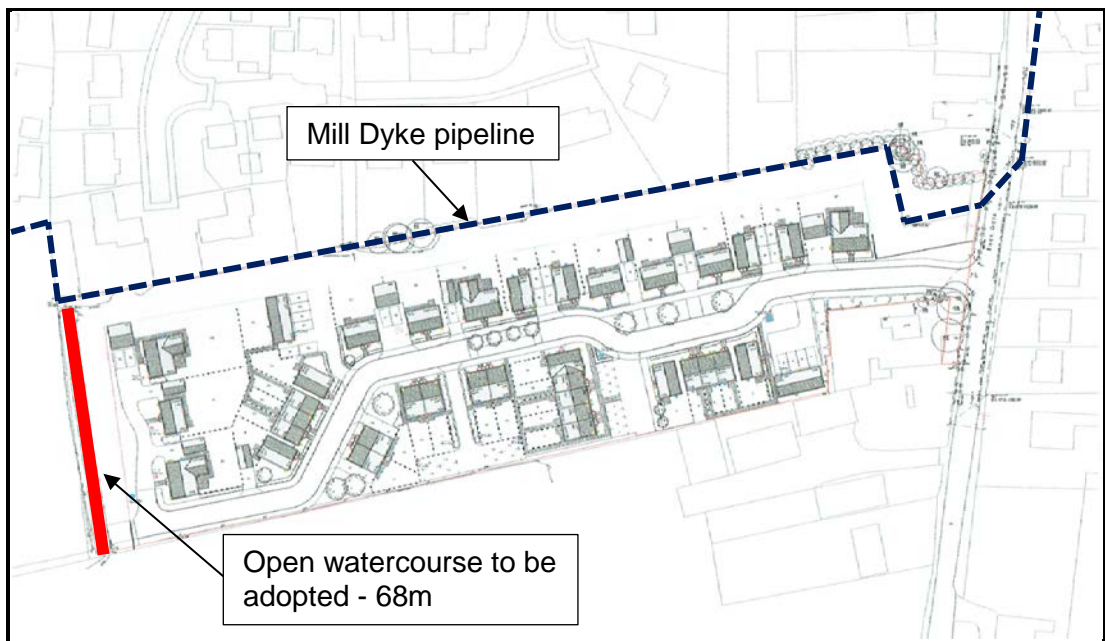
Sutton Bridge Sluice is currently being operated to maintain the water level in the South Holland Main Drain at a level of 0.00m ODN.

## 4 GENERAL

### 4.1 ADOPTION OF WATERCOURSE – MILL DYKE, COWBIT

At the August 2011 Board meeting it was resolved to adopt the 68m of watercourse, shown red below, at the time the adjacent land was developed, minute 46/11/04(ii)(c).

As the land is now being developed, it is recommended that this adoption should take place with immediate effect. When this site was discussed in 2011 it was envisaged that the access strips along the pipeline and newly adopted open watercourse would be conveyed to the Board. This will not now be possible, as the developer needs this area to form part of the public open space allocation for the site. The strips will therefore be owned and maintained by a private management company. As the strips are to form public open space, it is recommended that the Board request that the developer installs some kind of ground reinforcement, such as grasscrete or plastic grids, along the strip so that the Board cause less damage to the grass surface whilst undertaking annual maintenance operations, particularly during wet periods.



**Proposed watercourse for adoption – Mill Dyke Branch, Cowbit**

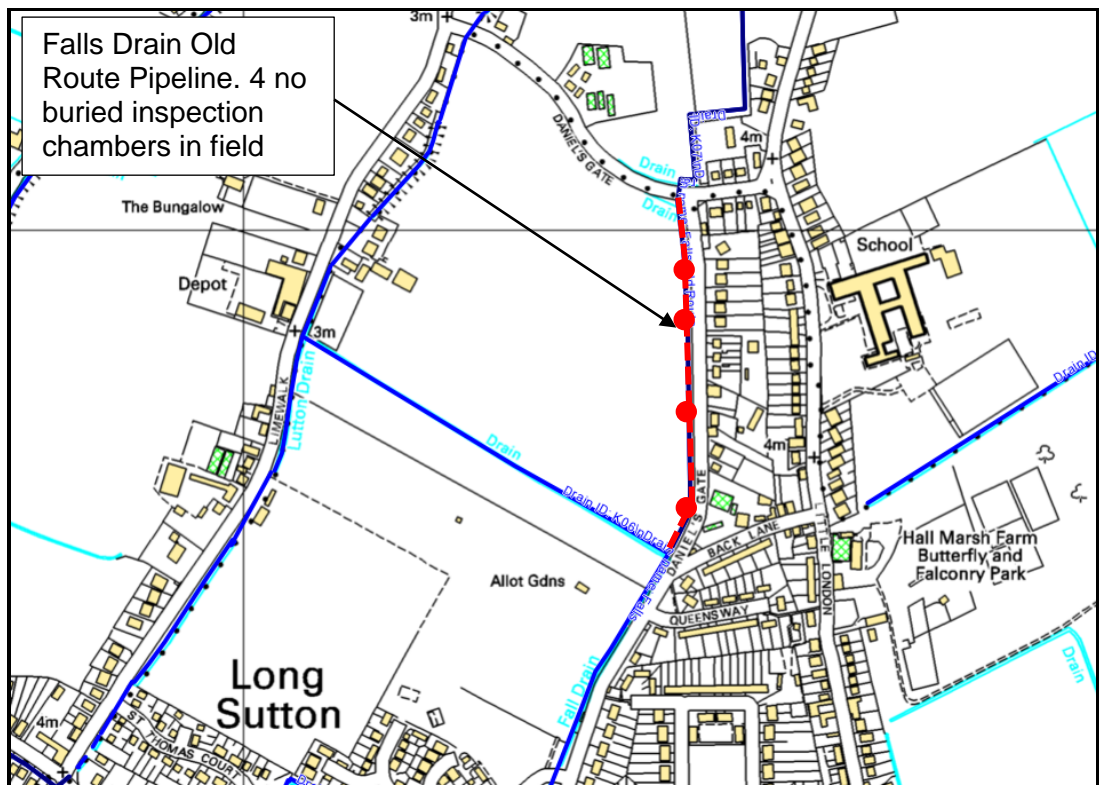
### 4.2 POLICY FOR RAISING BURIED INSPECTION CHAMBERS ON BOARD'S PIPELINES

It was common practice on the Board at one time, when constructing pipelines, to build buried inspection chambers where the lids were finished approx. 1m below ground level. In recent years, when undertaking pipeline jetting and maintenance, this operation has been made more expensive and time consuming by the time spent trying to locate and excavate these manholes. Once found, it has been general practice to build them up to ground level so that they will be easier to locate and access in the future.

Over recent years many inspection chambers have been modified in this way, mainly in the urban environment as this is where, generally, most pipelines are situated. There have been other, but fewer, examples where inspection chambers have been built up to the surface in agricultural land. This was done on Allenby's Chase pipeline in Sutton Bridge when it was last jetted and camera surveyed. At that time, a one-off compensation payment was paid to the landowner for the area of cultivation permanently lost due to the presence of the inspection chamber lids.

During December 2016, as part of this years de-silting programme, the Board excavated the buried chambers on Falls Drain Old Route pipeline in order to carry out the jetting and camera survey. There are 4 inspection chambers on this pipeline that are situated in agricultural land as shown below. When it came to building the inspection chambers up to ground level, the landowner made it quite clear that he did not want this to happen, and that they should be buried again. The pipeline runs along the edge of the field approx. 4 to 5m from the road. Having failed to reach a compromise with the landowner it was decided to revert the matter to the Board for consideration.

It is recommended that the Board continue to raise buried inspection chambers to ground level as and when they are located, as has been the case for a number of years, and if these inspection chambers happen to be in agricultural land that compensation is paid to the landowner for the loss in cropping area resulting from its presence.



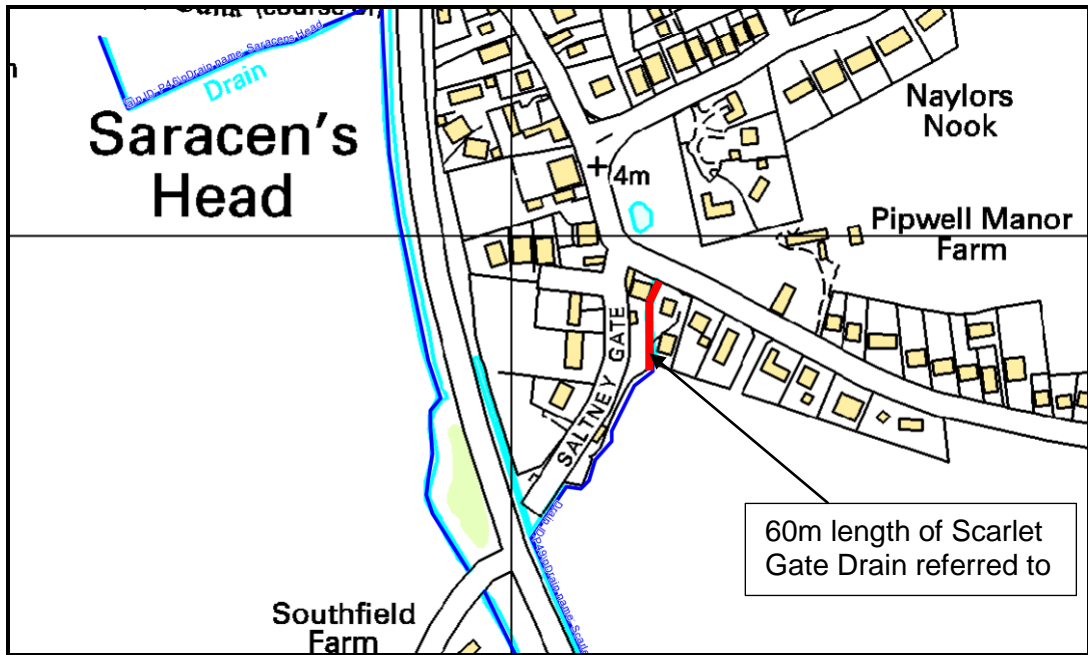
**Fall Drain Old Route pipeline – 4 no buried inspection chambers in field**



#### 4.3 PIPING OF 60M OF SCARLET GATE DRAIN, SARACENS HEAD

The 60m section of the Board's Scarlet Gate Drain, shown in red below, is a length that has to be maintained by hand, as there is no machine access available. As such it is a difficult stretch to keep clear and there have been problems over the years with flooding of the garage on the corner of Saltney Gate and Washway Road attributable to a road gully system that discharges to this drain.

It has been planned for some time to pipe this section of drain to alleviate these issues, and this coming financial year monies have been included in the maintenance programme to undertake the work. It is therefore recommended that this work be undertaken during the financial year 2017/18 at an estimated cost of £12,500 + VAT. Once piped, the drain will only be partially filled to deter encroachment from the gardens on either side.



Location plan

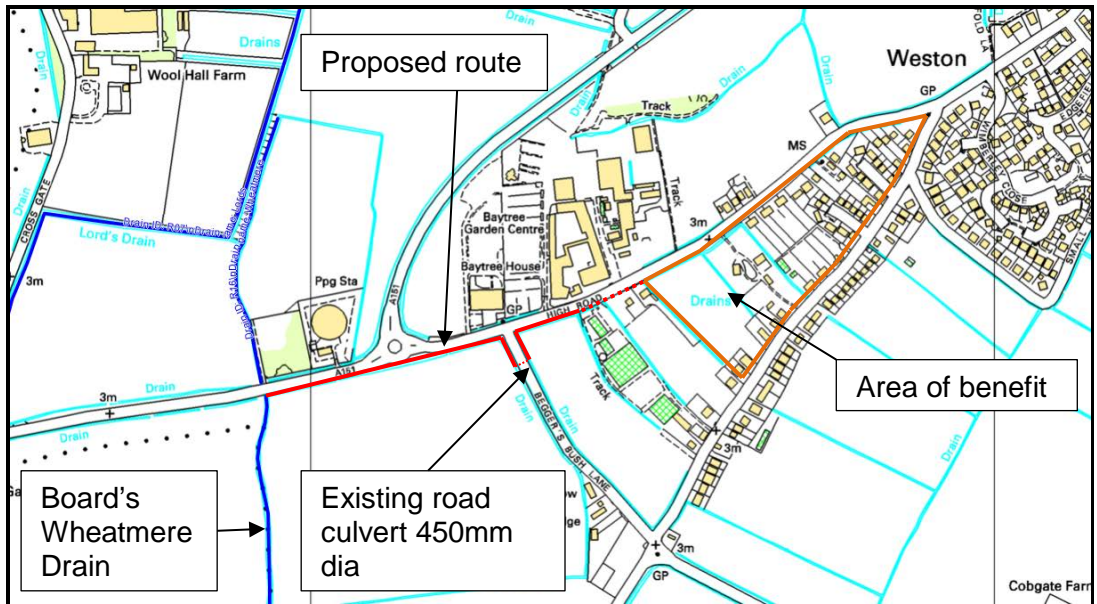
#### 4.4 BELL ROW FRESHWATER FEED PROPOSED IMPROVEMENT

The proposed works on Bell Row Freshwater Feed, which were discussed at the August 2016 Board meeting, will be presented to the Welland and Deepings IDB for comment at their next meeting in February.

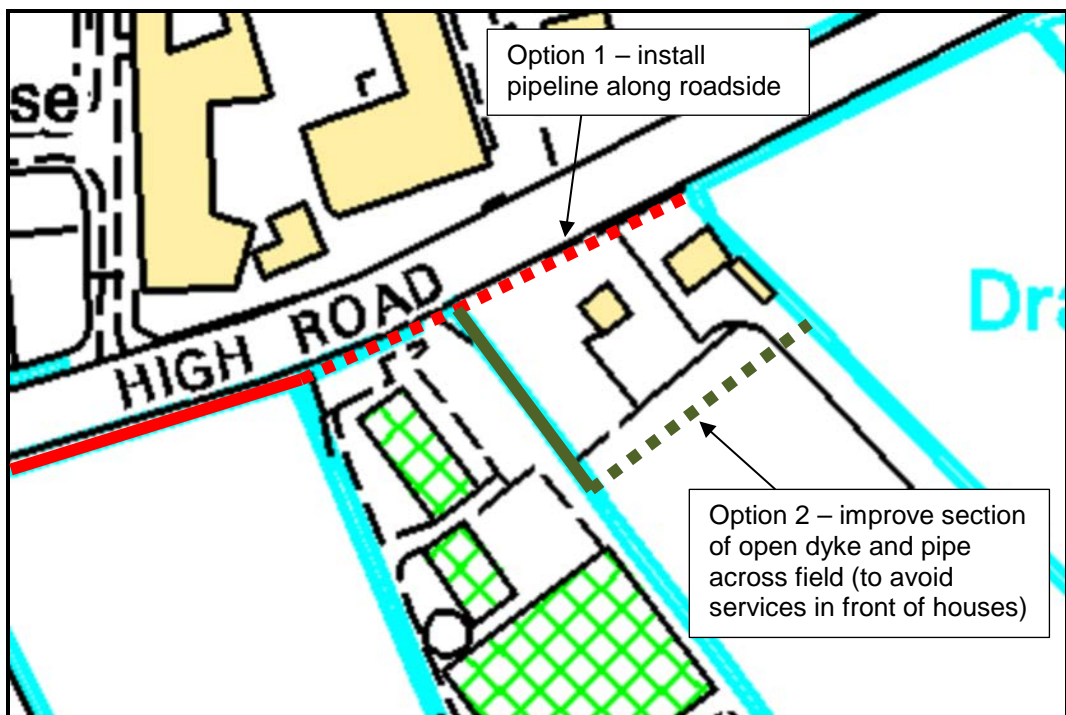
#### 4.5 PROPOSED DRAINAGE IMPROVEMENT FOR THE WESTERN SIDE OF WESTON

This matter was discussed at the Board meeting in August 2016. Since then an investigation has been carried out to determine if a new drainage route can be put in place, as the historic drainage route no longer functions. A survey of the route shown in red has been undertaken, and utilising an existing culvert under Begger's Bush Lane, a route could be established with some open channel improvement, culvert replacement, and some new piping at the upstream end.

The cost of this work is estimated at £30,000 to £40,000+ VAT. As this work will be of great benefit to the western side of Weston it is recommended that the Board consider funding this work and adopting the new drain to keep it in good order in perpetuity. It is recommended that the work be funded from the Surface Water Development Contribution fund. Development currently going through the planning process is expected to raise between £8,000 and £10,000 in Surface Water Development Contributions, and there will, no doubt, be future development in the area which will also contribute to the Board's outlay. If the Board are agreeable to progressing the scheme then discussions will need to be held with affected landowners.



Location plan showing proposed drainage route



Detail showing alternative route options at upstream end



**View of water ponding in open watercourses with no means of discharge**

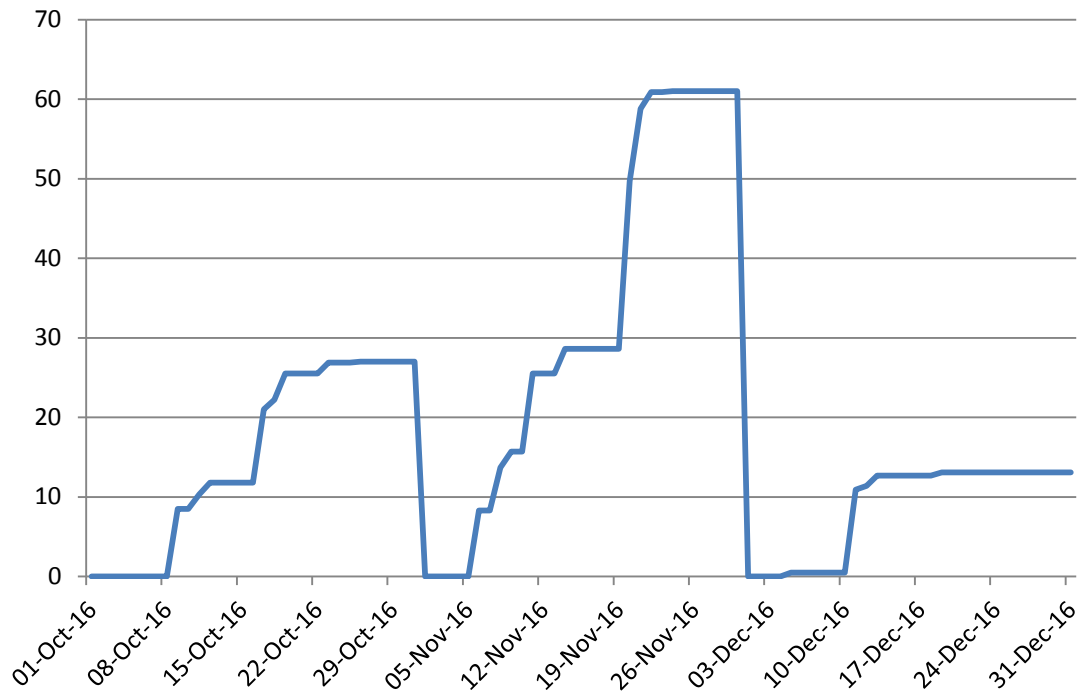
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**RAINFALL**

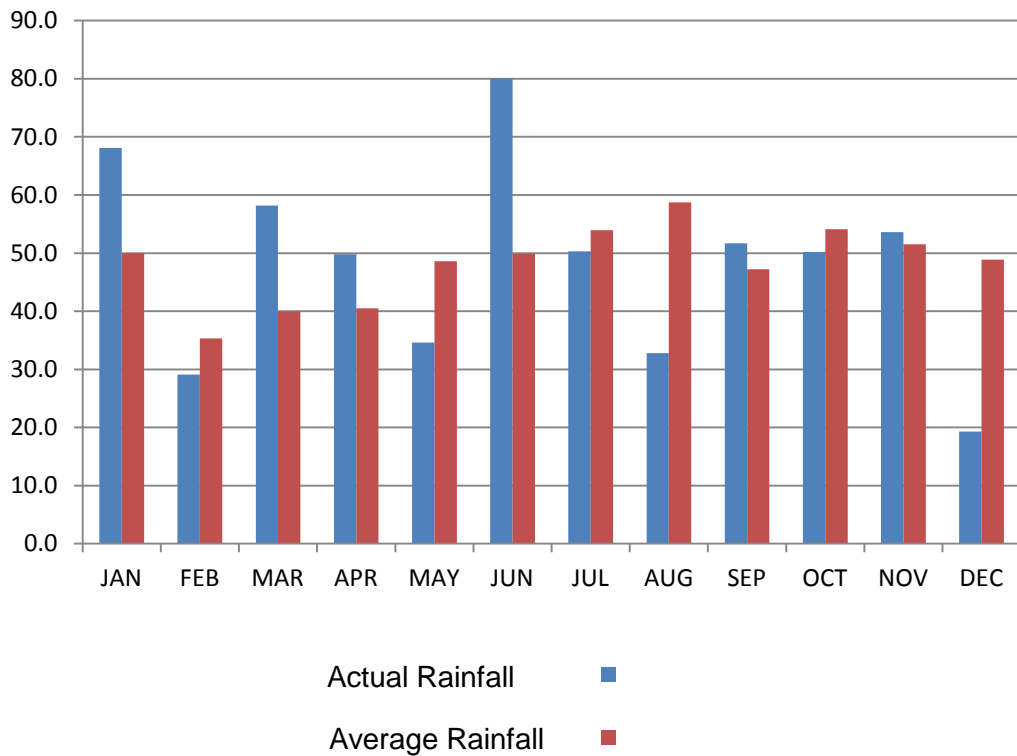
Rainfall statistics relating to stations in the Board’s area for the months of October, November, and December are as follows: (recordings in mm)

LOCATION	OCTOBER		NOVEMBER		DECEMBER		NO OF YEARS RECORDS KEPT
	REC.	AV.	REC.	AV.	REC.	AV.	
Gedney Marsh – Norfolk House	50.2	54.1	53.6	51.5	19.3	48.9	57
Holbeach – Marsh Reeves	27.0	55.8	61.0	49.6	13.1	38.3	31

**CUMULATIVE RAINFALL READINGS (MM)  
MARSH REEVES, HOLBEACH – OCTOBER - DECEMBER 2016**



**ACTUAL AND AVERAGE MONTHLY RAINFALL READINGS (MM)  
NORFOLK HOUSE JANUARY – DECEMBER 2016**



**6 ENVIRONMENTAL REPORT**

**6.1 LETTER FROM NICHOLAS WATTS REGARDING BOARD'S MAINTENANCE REGIME.**

A letter has been received from Nicholas Watts, a farmer and wildlife adviser from Deeping St Nicholas, who is also a member of Welland and Deepings IDB, see Appendix A. He expresses concern regarding the Board's cutting policy, and the effect this is having on habitat within the watercourses, and advocates the cutting of only one side of the watercourses each year.

To summarise, the Board's current cutting regime is as follows:

High Priority Watercourse – First cut	From start of cutting season* to end of August – the Board pays for an all year round access strip on one side of the watercourse. Flail bank adjacent to access strip, basket cut far side toe, bed, and near side bank. Far side bank left uncut during the bird nesting season.
High Priority Watercourse – Second cut	From start of September through to December/January - as above, but far side bank will be cut if access is available on the adjacent land (access may not be available every year but attempts would be made to cut this side at

	least once every three years to stop rank vegetation, self-set bushes etc taking hold).
Lower Priority Watercourses	From start of September through to December/January – as a minimum, the bed and one side bank will be cut. The other bank will be cut if accessible (access may not be available every year but attempts would be made to cut this side at least once every three years to stop rank vegetation, self-set bushes etc taking hold). As Lower Priority watercourses do not have access strips, the side which is cut each year may vary depending on accessibility on to the adjacent land.

Note \* The start date of the cutting season each year is determined on a risk based approach dependant on such criteria as rainfall, soil moisture deficit, and amount of vegetation growth. It is usually between mid-June and mid-July.

The only exception to the above is in the lower reaches of the South Holland Main Drain and Little Holland Drain where the Board's reed cutting policy dictates that a reed fringe is left on one side of the watercourse (alternating each year) to provide habitat for Reed Warblers and Reed Buntings etc.

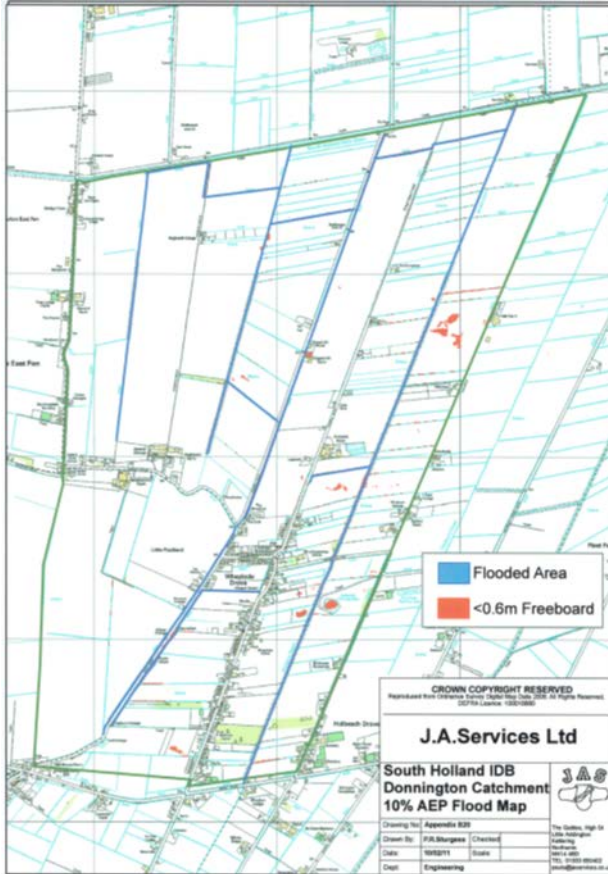
The reason that this Board currently strive for a complete cut within the watercourse is that the watercourses were designed to this criteria. Allowing vegetation to remain in the channel increases theoretical flood risk. The recent modelling of the Board's catchments has backed up this statement. The modelling output for Donningtons catchment is shown below as an example. The plans below show areas where the Board's target standards of protection are not met, that on the left is for a 1 in 10 year event with the Board's watercourses cut, and that on the right for the same return period but without the vegetation having been removed. As can be seen, the areas where the Board's target standards of protection are not met are much larger in the plan on the right, illustrating the effects of uncut watercourses and the detrimental effect on the standard of drainage within the catchment.

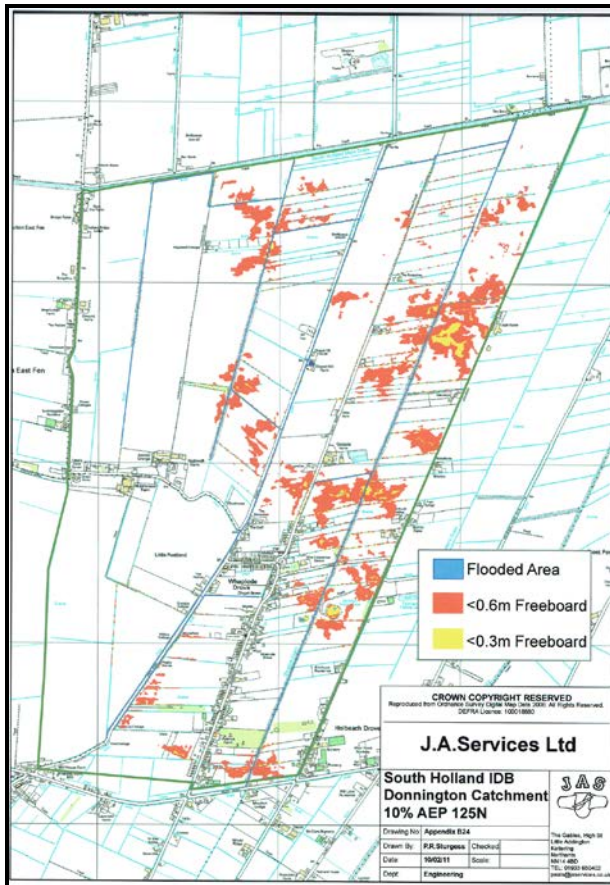
The Soke Dyke which Nicholas Watts refers to in his letter, N06 New Sea Bank Soke Dyke, is oversized as far as flow conveyance is concerned, it being the old borrow pit from the construction of the sea bank. As such the effects of vegetation growth on one bank would not have a detrimental effect on flow. It is therefore conceded that an annual cut of both sides of this particular watercourse is not required. However to prevent course vegetation etc taking hold, it is still recommended that the second side be cut at least once every three years.

Having taken all of the above in to account, it is recommended, from a flow conveyance and drainage standards perspective, to:

- Continue with the Board's current cutting regime, and maintain the Board's watercourses based upon their design criteria. The current regime offers some balance in that it maintains watercourses for conveyance, yet allows one bank of High Priority watercourses to remain uncut throughout the bird nesting season for environmental benefit. A proportion of Lower Priority watercourses will also have one bank uncut due to lack of accessibility for maintenance. However it is necessary to cut both sides at least every three years to prevent coarse vegetation, bushes etc becoming established.

- Only purposefully undertake partial vegetation cutting in a watercourse where the channel has been designed to this criteria, and has been sized and constructed accordingly. This additional capacity could be built in to the Board's system when re-profiling existing, or constructing new watercourses.





Plans showing areas where Board's target standards of protection are not met for a 1 in 10 year return period event where vegetation has been cut in the watercourse (left) and where the vegetation has not been cut (right). Donningtons catchment shown as example

## 6.2 GOOD ECOLOGICAL POTENTIAL IN FENLAND WATERCOURSES.

A workshop was held at the South Holland IDB office on 24 January 2017 to discuss the draft version of the Good Ecological Potential in Fenland watercourses guidance booklet, the production of which has been led by the Environment Agency, with input from IDB environmental staff and Engineers. Work on the guidance started in 2014, and the document had reached a stage where it was ready to be presented and discussed with interested parties to see if it was fit for purpose. The finished document is due to be launched this spring.



## 7 PLANNING REPORT

### 7.1 APPLICATIONS REQUIRING BOARD'S CONSIDERATION

The following applications have been received which require the Board's consideration.

#### 7.1.1 APPLICATION FOR THE RELAXATION OF BYELAW 10 – RESIDENTIAL DEVELOPMENT – LAND OFF FEN ROAD, HOLBEACH. APPLICANT: D BROWN BUILDING CONTRACTORS (LTD), SEAS END ROAD, MOULTON SEAS END. DRAIN AFFECTED: F38 HOLBEACH RIVER, A HIGH PRIORITY WATERCOURSE OWNED BY THE BOARD.

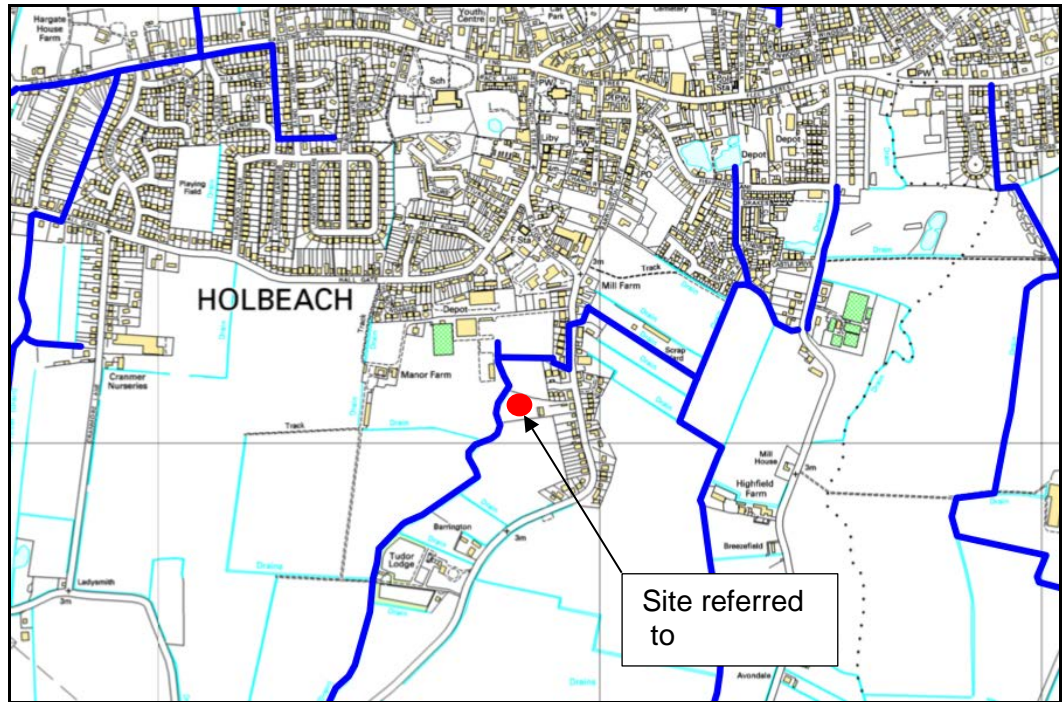
An application has been received for the relaxation of Byelaw 10 for a residential development off Fen Road, Holbeach. The proposed layout shows a dedicated 6m wide access strip alongside the watercourse with a gated entrance to the strip off the private drive. All buildings are outside of the 9m Byelaw zone.

#### **Recommendation**

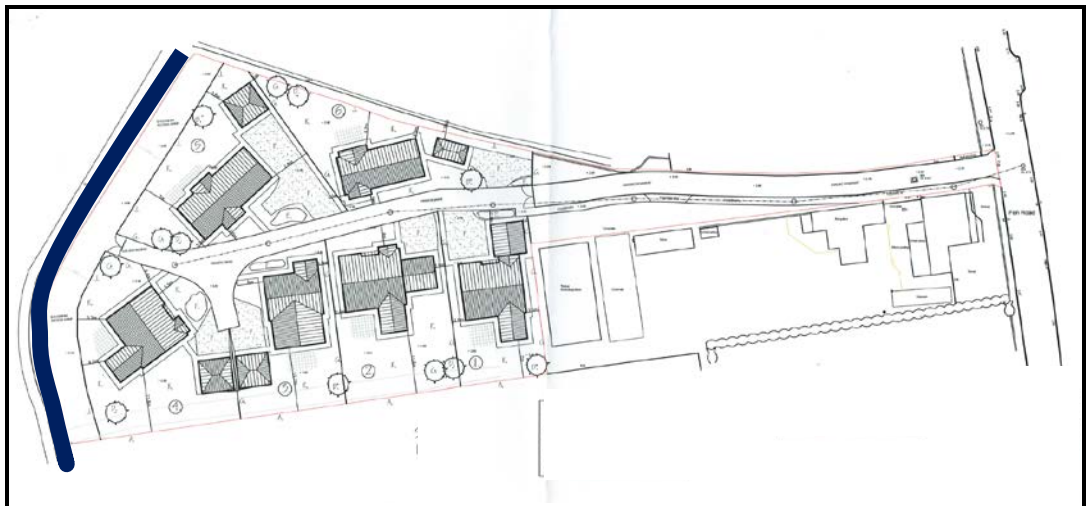
As the land on the other side of the watercourse is currently open agricultural land it is felt that the provision of a 6m wide strip within the proposed development is adequate for Board's maintenance access. However, it is felt that when the land on the other side of the watercourse is developed, which may not be too far in the future, a full 9m strip will be required on that side for Board's access/future improvements to the channel. It is therefore recommended that the application be **APPROVED** by the Board subject to the following conditions:

- The 6m wide dedicated access strip with gated entry from the private drive being provided for Board's access, and this strip and access thereto being conveyed to the Board at no charge.
- The Board to have legal right of access over the private drive to gain access to the strip.
- All permanent structures to be constructed outside of the 9m Byelaw zone, only temporary structures, such as sheds, to be allowed within the 3m width of Byelaw zone within the gardens.
- A boundary fence being installed 6m from the brink of the watercourse as a means of demarcation between access strip and gardens, and the property owners adjacent to the strip to be legally bound to keep and maintain the fence in good repair, and replace it as necessary in the future when it becomes no longer fit for purpose.
- Any fences within the 9m Byelaw zone to be fully de-mountable in nature, and any patios, footpaths, drives etc. within this zone to be temporarily surfaced (such as gravel or slabs) rather than permanently surfaced (such as tarmac or concrete).
- The applicant entering in to the Board's Deed of Indemnity for the development in the usual manner, including paying all costs incurred by the

Board in preparing and executing that document and lodging a copy with HM Land Registry.



**Location Plan**



**Site Plan**



Detail of site plan showing 6m wide access strip

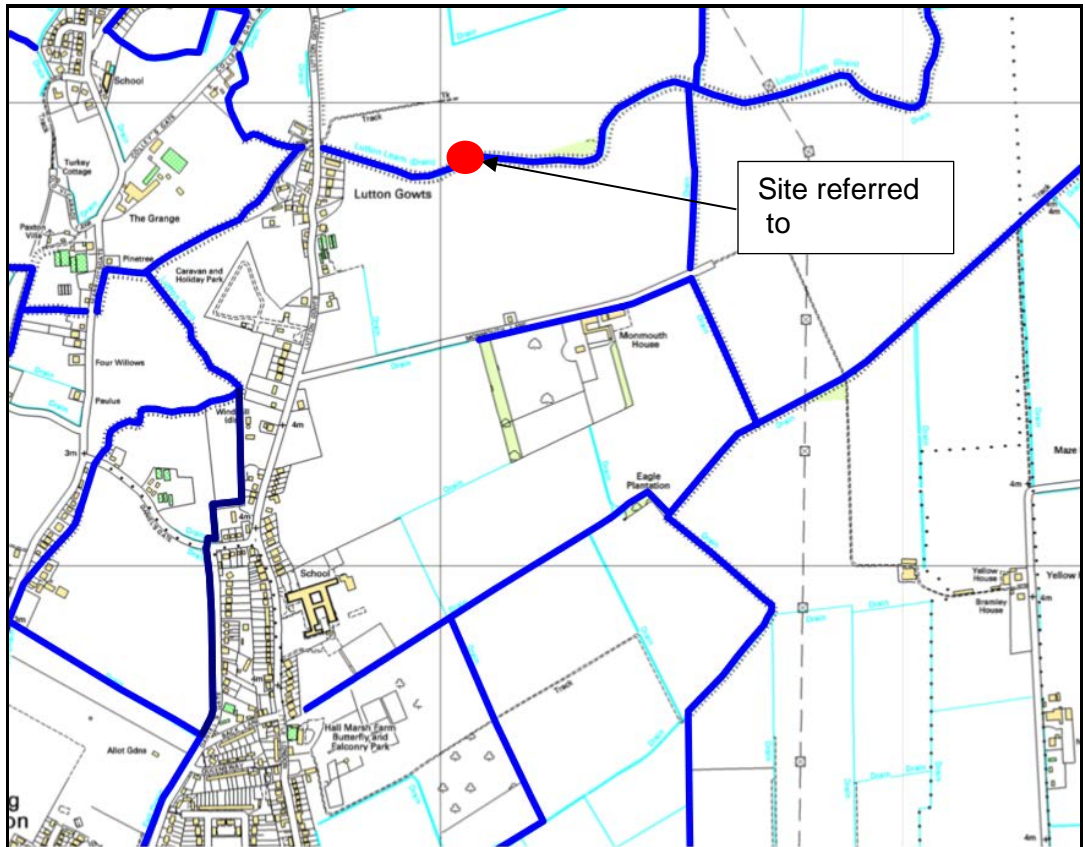
7.1.2 APPLICATION FOR THE RELAXATION OF BYELAW 10 – REPLACEMENT FOOTBRIDGE AND IRRIGATION PIPE CROSSING.  
APPLICANT: G H HOYLES LTD, MONMOUTH HOUSE, MONMOUTH LANE, LUTTON.  
DRAIN AFFECTED: K41 LUTTON LEAM, A HIGH PRIORITY WATERCOURSE OWNED BY THE BOARD.

An application has been received for the relaxation of Byelaw 10 for the replacement of an existing wooden footbridge and the installation of a new irrigation pipe across the Board's Lutton Leam Drain.

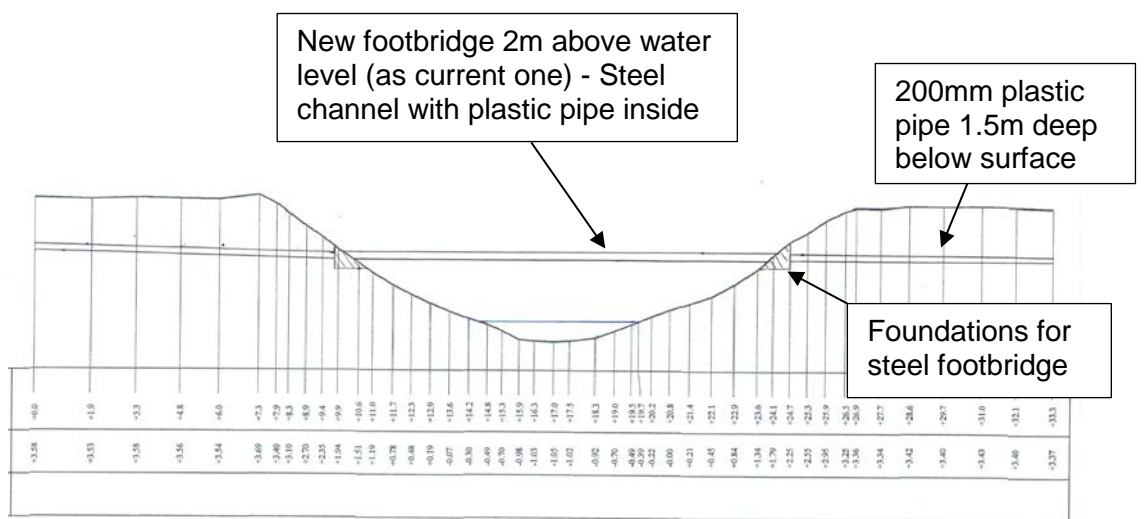
When the applicant initially contacted the Board regarding the possibility of crossing the Board's drain with the proposed irrigation pipe he was told that in such cases the Board would prefer the pipe to cross a specified depth beneath the bed of the drain so that it is not within the watercourse where it can create an obstacle for Board's maintenance operations and could even be damaged. Having made some enquiries, the applicant decided that the option of crossing beneath the watercourse was unviable, and instead applied to cross the drain in the location shown, and incorporate the pipe in to a steel channel section for protection. This new structure would be a replacement for an existing wooden footbridge.

The Board have to be mindful that the proposed bridge and pipe crossing are on land owned by the Board. As landowner, the Board will have some liability with regards to the safety of the bridge. The existing bridge does not look as if it complies with current Health and Safety requirements, and the proposed bridge will still be very long and narrow. If the Board do decide to consent this application it is recommended it should be subject to the following conditions:

- The applicant entering in to the Board's Deed of Indemnity for the bridge/pipe crossing in the usual manner, including paying all costs incurred by the Board in preparing and executing that document and lodging a copy with HM Land Registry. The Deed to absolve the Board from any liability should the bridge, pipe, or associated works be damaged as part of the Board's operations.
- A minimum of 1.5m cover over the top of the pipe either side of the watercourse within the 9m Byelaw zone. This minimum cover will not be achieved within the batter of the watercourse, and the area above the pipeline within the batter must be protected by a 1m wide concrete slab extending from the brink to footbridge on each side of the watercourse.
- Marker posts to be installed on the brink either side of the crossing. These marker posts to be maintained by the applicant.
- The bridge, pipe, and associated works to be removed at the applicants cost if at any future time it becomes redundant, or the Board no longer wish it to be within the watercourse/ on their property.



**Location Plan**



**Section across Luton Leam showing proposed replacement footbridge and pipe**



**Existing wooden footbridge**



**Proposed steel channel (25cm high x 28cm wide) section footbridge  
(200mm plastic pipe to fit inside)**

7.1.3

**APPLICATION TO ALTER A WATERCOURSE UNDER SECTION 23 OF THE LAND DRAINAGE ACT – TO PIPE 78M OF BOARD’S WATERCOURSE FOR POLLUTION PREVENTION REASONS**

**APPLICANT: GEORGE THOMPSON FARMS LTD, GROVE FARM, HOLBEACH HURN.**

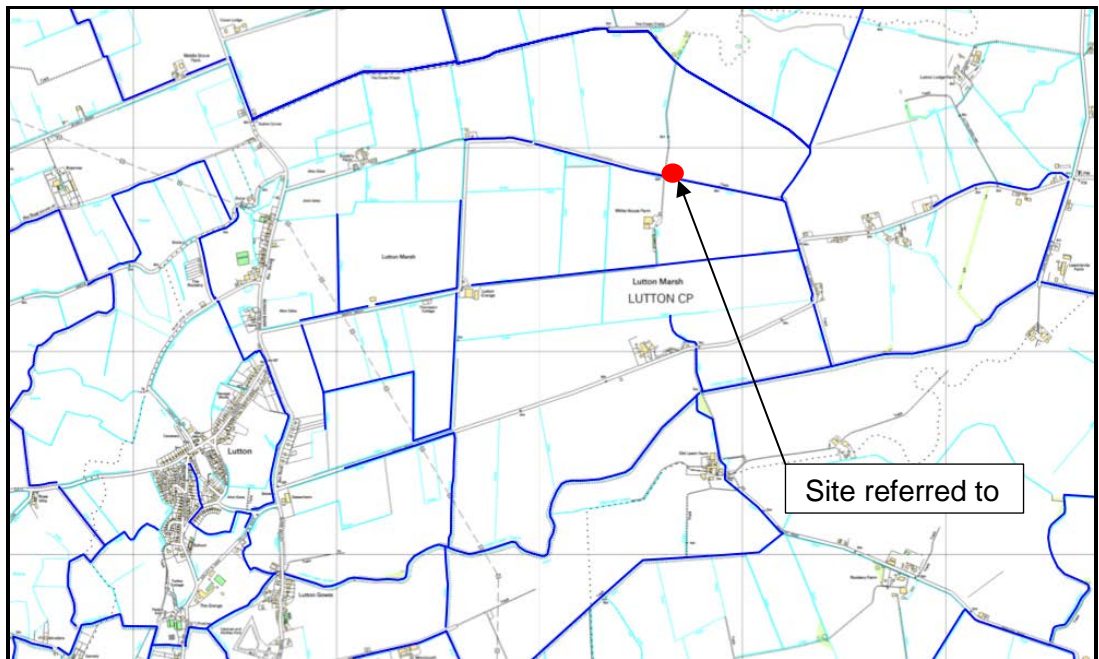
**DRAIN AFFECTED: K39 LUTTON GRANGE NORTH DRAIN, A LOWER PRIORITY WATERCOURSE MAINTAINED BUT NOT OWNED BY THE BOARD.**

An application has been received from George Thompson Farms Ltd for the piping of 78m of the Board’s Lutton Grange North Drain. The length of watercourse in question is next to a concrete pad that is used for manure composting. The Environment Agency are concerned regarding possible pollution of the adjacent watercourse, and piping it will stop any effluent from entering the Board’s Drain. The piping is to be undertaken in conjunction with the Board’s replacement of the old culvert under the adjacent track.

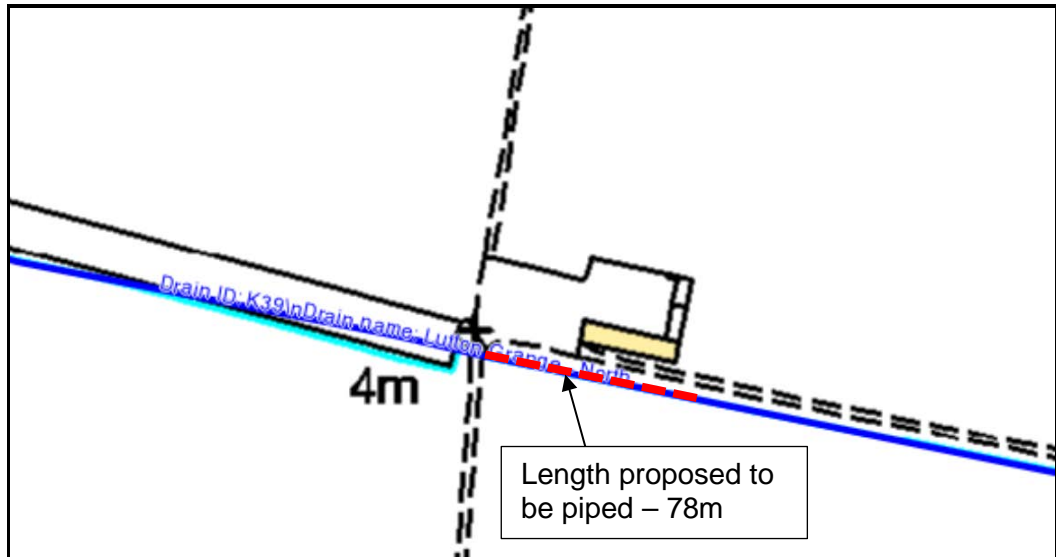
**Recommendation**

It is recommended that the application be **APPROVED**, subject to the following conditions:

- The pipe being installed to the Board’s specification, and to the satisfaction of the Board, using 600mm dia plastic pipe.
- The piping being undertaken at the applicants cost.
- The applicant paying a Commuted Maintenance Fee for the Board to take on the future maintenance of the pipeline.



**Location Plan**



**Site Plan**

**7.2 OTHER PLANNING MATTERS**

**7.2.1 SURFACE WATER DEVELOPMENT CONTRIBUTION RATE**

The Surface Water Development Contribution for the financial year 2016/17 will be charged at a rate of £74,740 per impermeable hectare.

**7.2.2 SURFACE WATER DEVELOPMENT CONTRIBUTION FEES**

The following Surface Water Development Contribution Fees have been invoiced during the reporting period.

<b>DEVELOPER</b>	<b>SITE</b>	<b>AMOUNT DUE (VAT EXEMPT)</b>	<b>INVOICE DATE</b>	<b>PAID</b>
Ashley King (Developments) Ltd Manor Farm Fen Road Holbeach	Proposed development off Back Gate, Cowbit. 0.6745 hectares of impermeable area discharging to the Board's Mill Dyke pipeline at 20/l/s/ha (20% charging band)	£10,082	6 Dec 2016	Yes



### 7.2.3 COMMUTED MAINTENANCE FEES

There have been no Commuted Maintenance Fees invoiced during the reporting period.

### 7.2.4 BYELAW CONSENTS

During this reporting period, the following Byelaw consents have been issued by Officers in accordance with their delegated authority:

<b>GRANTEE</b>	<b>WATERCOURSE</b>	<b>DETAILS</b>
Mr P A Wagner Treetops 75 Spalding Rd Holbeach	Holbeach New River pipeline and Turnpike Drain West pipeline	Byelaw 10 consent and Deed of Indemnity for the construction of a car port with concrete foundations no deeper than 500mm and constructed no closer than 6.5 metres from centre of the Board's owned and maintained Holbeach New River pipeline. The erection of a steel sliding access gate with posts and rails with concrete foundations no deeper than 500mm, located no closer than 1metre to the side of the Board's maintained Turnpike Drain West pipeline. The widening of the access driveway, with 150mm by 50mm concrete edging kerbs and access road constructed no deeper the 200mm above and within 9m of Turnpike Drain West pipeline.
Mr S Mickleburgh and Carrie Funnell Nealwood Fishergate Sutton St James	South Holland Main Drain	Byelaw 10 consent and Deed of Indemnity for 1 no. marker post positioned 18m from the end of the boathouse and 5m from the brink/top of the said watercourse. 2m high boundary fence to follow boundary line 14m away from main dwelling, to then drop in height to approximately 1m high, curving around to narrow off to 6m from the brink/top of the said watercourse. The fence will consist of scaffold boards, treated & mounted on metal posts. The posts will be concreted in where it is more than 9m away, and posts that are within 9m will be temporary /removable. A wooden 5 bar gate will be erected across from the boundary to the brink of watercourse from the last post and

will not be locked. A cesspit/treatment plant overflow pipe may be installed for future use, with outfall installed between the boathouse & main dwelling. A platform/viewing deck opposite boathouse will be installed on the watercourse batter. Constructed from wood the platform will be no bigger than 2m long by 1.2m wide, with wooden access steps constructed into the bank of the said watercourse.

**K L J VINES  
DISTRICT ENGINEER**

**P.N.WATTS**  
**Vine House Farm**  
**Deeping St Nicholas**  
**Spalding PE11 3DG**

Farmer and Conservationist  
Farmland Wildlife Adviser  
Tel No 01775630208  
Email [nicholas@vinehousefarm.co.uk](mailto:nicholas@vinehousefarm.co.uk)

27<sup>th</sup> November 2016

Carl Vines  
SHIDB  
Marsh Reeves  
Foxes Low Road  
Holbeach  
PE12 7PA

Dear Carl

Richard Thompson has come to me twice over the past 3 years asking me how to increase the wildlife in and around your drains. I have not been very satisfied that I have given him the best advice as it has involved costs and maintenance which is of course a cost which increases each year.

Here at the W&DIDB I feel the biggest win we have had for wildlife has been the cutting of only one side of our main drains each year and it saves £1000s each year. It does of course leave habitat for the wildlife in those drains all through the year especially for the Reed Warblers who winter in Africa, south of the Sahara, and return each year to breed. They like to attach their nest to one or two of last years reed stems as they are stronger than the new growth and they are then more likely to be able to rear a brood successfully.

A householder who lives next to the South Holland drain at Holland Bridge has asked me why does the drainage board cut both sides of this drain each year. We had plenty of wildlife in our garden this autumn until the reeds were cut. Now most of it has all gone.

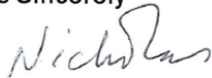
Two or three months ago I asked you why did you cut both sides of the soak dyke to the sea wall in Holbeach Marsh. Your answer was that the machine was already there so I thought we might as well do it but by cutting that second side you have unnecessarily destroyed the habitat on that second side for this winter and costed the board more than £1000.

Most of this letter may have been to criticize your doings but I must say that you have more wildlife in your drains than we do in the W&DIDB drains because you keep the water levels fairly constant throughout the year while we drop our water levels two feet in the winter and that is exactly the opposite that happens naturally, so please don't go down the route that

my board has chosen to do. We have no fish, the bird life, the water voles and insect life associated with our drains right through Deeping Fen continues to decline.

I feel I am very lucky to be a farmer who is interested in wildlife and I have enjoyed studying the wildlife in the Fens for more than 40 years. I do not like conflict and this letter is sent in the best interests of wildlife and our environment.

Yours Sincerely

A handwritten signature in cursive script that reads "Nicholas Watts".

Nicholas Watts

# South Holland IDB

## Schedule of Paid Accounts

Payment Date From : 01/10/2016

Payment Date To : 31/12/2016

<u>Account ID</u>	<u>Name</u>	<u>Details</u>	<u>Amount Paid This Period</u>
AB0001	Abbeyprint Ltd	Order books/stationery	199.20
AD0101	ADC (East Anglia) Ltd	Pipe Jetting Services	5,350.50
AI0102	Airquick (Newark) Ltd	Compressor Service	713.77
AN0100	Anglia Farmers Ltd	Electricity	2,720.19
AY0101	Mr B Ayres	Building Supplies	870.00
BR0211	BT Payment Services Ltd	Telephone Bill	3,044.72
BU0203	Bunzl Cleaning & Hygiene Supplies	Cleaning Supplies	818.93
CA0302	Fred Campling & Sons	Excavator Transport	1,608.00
CO0301	Coles Quality Drycleaners	Dry Cleaning	54.00
DE0402	Vodafone Ltd	Telemetry Internet	68.40
DO0401	John W Doubleday Ltd	Repairs/Serviceing	7,966.85
EA0502	East Anglian Galvanizing Ltd	Galvanizing	149.30
EN0520	Engineering & Welding Supplies Ltd	Gas cylinders	473.63
EN0521	Enforcement Bailiffs Ltd	Bailiffs Fees	107.00
EN0528	Environment Agency	Precept	72,917.50
EP0529	EPH Supplies (Wholesale) Ltd	Electrical Components	1,567.42
FI0002	Finning (UK) Ltd	Caterpillar Servicing	674.96
GD0701	G & D Engineering (Moulton) Ltd	Flat Sheet	219.05
GM0101	GMB National Administration Unit	Union Subscriptions	312.00
HA0802	Hawker Electronics Ltd	Alarm Units	447.26
HA0823	Hardy Craske Fuels	Fuel	9,037.54
HA0826	Hargrave Agriculture Ltd	Assorted Components	5,992.41
HI0802	R J H Supplies Ltd	Assorted Components	1,401.33
HM0102	HMRC CIS	Subcontractor Payments	720.00
HO0811	Hortech Systems Ltd	Assorted Components	110.81
HO0825	Hook's of Holbeach	Builders Merchants	293.91
IN0001	Interflon	Lubricants	1,203.36
IN0901	Inland Revenue	PAYE	33,092.80
JA0001	Javieon Quality Building	Plant/labour hire	379.02
JA1001	J A Services Ltd	Engineering Services	4,716.00
JE1001	Jewson Ltd	Building Supplies	59.89
KE1102	Kents of Spalding Ltd	Vehicle Repair	1,588.14
KI1103	Kirby & Wells Ltd	Building supplies	51.91
KW0001	K & W Mechanical Services Ltd	Wirewatchers	143.40
LE1201	Lee-Dickens Ltd	Telemetry System	44,657.83
LE1202	A C Leigh	Padlocks/Keys	3,567.53
LI0001	Listers	Toyota Parts/Serviceing	1,311.32
LI1203	Lincolnshire County Council	Road Closure	847.24
LO0002	Longwater Construction Supplies	Twinwall pipe/Blocks	4,988.64
LW0001	LWOL Ltd	Waste Oil Collection	60.00
MA1302	Mr & Mrs D Maxwell	Rates Refund	47.90
MA1309	Mastenbroek Ltd	Machinery/Spares	336.51

# South Holland IDB

## Schedule of Paid Accounts

Payment Date From : 01/10/2016

Payment Date To : 31/12/2016

<u>Account ID</u>	<u>Name</u>	<u>Details</u>	<u>Amount Paid This Period</u>
MO1301	Motorway Windscreens Ltd	Windscreen	204.00
MV0001	M V S Fencing Ltd	Fencing	6,426.30
NF0001	NFU Mutual	Union Subscriptions	2,575.74
O20001	O2 UK Limited	Telemetry/Mobile Phones	579.58
OF1501	Ofcom	Radio Licence Fees	75.00
PA1604	Paktronic Engineering Co Ltd	Switchgear	5,366.64
PE1631	Pearson Hydraulics Ltd	Hydraulic Parts	2,798.48
PE1633	G & J Peck Ltd	JCB Parts	461.53
PR1660	P & R Plant Hire Lincs Ltd	Digger Hire	3,554.40
PR1663	R Price Plastering	Drainage Operative	3,600.00
PR1668	Prudential Local Government AVC	AVC	748.92
RI0001	Rix Petroleum (East Anglia) Ltd	Fuel	15,819.75
RO1801	Rocksure Systems Ltd	Lone Worker Service	980.46
RO1803	Rossendales	Bailiff's VAT	171.02
SC0002	Scarborough Nixon Associates Ltd	Professional Services	571.32
SH1902	Shoebridge Engineering Ltd	Pump/Weedscreen Cleaner	28,122.00
SO1940	South Lincs Plant Hire & Sales Ltd	Plant Hire	334.56
TB2001	T.B.C. Ltd	Engineering Supplies	1,726.69
TE0001	Tennyson Tyres Ltd	Tyres	4,500.52
TH1001	P J Thory Ltd	Aggregates	4,869.41
TH1002	Three Payment Services	Broadband	63.96
TM2001	T.M.C. Lifting & Engineering	Duplex Slings	120.42
TO2030	Town & County Engineering	Small Stores Equipment	197.14
TO2032	Tonwood Home Hardware	Tools	10.49
TR2003	The Training Association (WEST)	Training	144.00
TR2004	Trojan Plant Equipment Ltd	Chisels	487.20
VE0101	Veolia ES (UK) plc	Rubbish Collection	1,082.36
VO2201	Volvo Construction Equipment Ltd	Excavators/parts/servicing	2,535.66
VO2202	Vodafone Ltd (Mob)	Mobile Phones	9.59
VO2203	Vodafone Ltd (Tel)	Telemetry mobiles	30.63
WA2310	Watling JCB Ltd	JCB Parts	11.29
WA2345	Water Management Alliance	Staff Recharges/Onebill	114,825.28
WE2330	West End Garage	Fuel	114.00
WI2306	T Wilkinson	Rat & mole control	3,405.40
WI2307	Wildlife Conservation Partnership	Owl Boxes	1,656.00
WO2310	D W Woods Landscaping Ltd	Grass Cutting	4,737.60
WO2311	A Woods	Sundry parts	5,407.74
WY0001	West Yorkshire Pension Fund	Superannuation	35,396.47
YO0001	York Survey Supply	Calibration	172.14

Please note that the amounts shown above include Vat £ 468,783.86

## Risk Assessment Matrix

<b>Likelihood</b>			
Highly Likely	<b>Medium (3)</b>	<b>High (6)</b>	<b>High (9)</b>
Possible	<b>Low (2)</b>	<b>Medium (5)</b>	<b>High (6)</b>
Unlikely	<b>Low (1)</b>	<b>Low (2)</b>	<b>Medium (3)</b>
	Negligible	Moderate	Severe
	<b>Impact</b>		

The categories for impact and likelihood are defined as follows:

### IMPACT

- Severe – will have a catastrophic effect on the operation/service delivery. May result in major financial loss (over £100,000) and/or major service disruption (+5 days) or impact on the public. Death of an individual or several people. Complete failure of project or extreme delay (over 2 months). Many individual personal details compromised/revealed. Adverse publicity in national press.
- Moderate – will have a noticeable effect on the operation/service delivery. May result in significant financial loss (over £25,000). Will cause a degree of disruption (2 – 5 days) or impact on the public. Severe injury to an individual or several people. Adverse effect on project/significant slippage. Some individual personal details compromised/revealed. Adverse publicity in local press.
- Negligible – where the consequences will not be severe and any associated losses and or financial implications will be low (up to £10,000). Negligible effect on service delivery (1 day). Minor injury or discomfort to an individual or several people. Isolated individual personal detail compromised/revealed. NB A number of low incidents may have a significant cumulative effect and require attention.

**SOUTH HOLLAND INTERNAL DRAINAGE BOARD  
RISK REGISTER**

STRATEGIC OBJECTIVES	RISK	IMPACT	LIKELIHOOD SCORE (1 – 3)	IMPACT SCORE (1 – 3)	RISK RATING (HIGH, MEDIUM, LOW)	RESPONSE (ACTIONS PLANNED/TAKEN)
<p>To reduce the flood risk to people, property, public infrastructure and the natural environment by providing and maintaining technically, environmentally and economically sustainable flood defences within the Internal Drainage District (IDD).</p>	<p>Reduction in, or insufficient finance, grant and income.</p>	<p>Erosion of the Board's capital and general reserves.</p> <p>Reduction in standard of FCERM services the Board is able to provide.</p> <p>Inability to replace assets as scheduled in the Board's asset management plan and EA MTP.</p>	<p>3</p>	<p>3</p>	<p>High 9 →</p>	<p>Chairman's Committee to look at new finance mechanisms.</p> <p>Plant &amp; Development Committee to investigate new ways of working.</p>
	<p>Environment Agency (EA) is no longer willing or able to carry out work on sea defences that protects the Internal Drainage District, or continues to maintain these defences but to a reduced standard.</p>	<p>Potential for overtopping into the IDD during severe weather events.</p> <p>Cost implication of managing the increase in water and potential damage to the Board's</p>	<p>2</p>	<p>3</p>	<p>High 6 ↑</p>	<p>Anglia (Northern) RFCC has agreed funding for retention and designation of the second line sea defences. Assignment of those designations is a work in progress with the EA.</p> <p>The Board supports local stakeholder groups seeking to develop strategies for the reinstatement of sea walls (Wash Frontage Group).</p> <p>The Board has entered into a PSCA with the EA but has</p>



**SOUTH HOLLAND INTERNAL DRAINAGE BOARD  
RISK REGISTER**

<b>STRATEGIC OBJECTIVES</b>	<b>RISK</b>	<b>IMPACT</b>	<b>LIKELIHOOD SCORE (1 – 3)</b>	<b>IMPACT SCORE (1 – 3)</b>	<b>RISK RATING (HIGH, MEDIUM, LOW)</b>	<b>RESPONSE (ACTIONS PLANNED/TAKEN)</b>
		infrastructure.				elected to only undertake works under this agreement where there is a benefit to the Board as determined by the Operations Manager.
	Possible enforced works on Board's infrastructure arising from implementation of Eel Regs 2009	Huge cost implications if works are not grant funded.	2	3	High 6 →	Engineer has worked with EA to assess and prioritise sites. EA has given derogation until 2020.  Apply for grant aid.
To enable and facilitate land use for residential, commercial, recreational and environmental purposes by guiding and regulating activities, which have the potential to increase flood risk.	<p>Planning Authorities ignore advice provided by Board.</p> <p>Lack of staff resources results in turning a blind eye to Byelaw/Land Drainage Act infringements and contraventions.</p> <p>SUDs managed by private management companies who</p>	<p>Increased flood risk.</p> <p>Potential for lost income from SWDCs and commuted sums.</p> <p>Inadequate or lack of maintenance of SUDs could</p>	2	3	High 6 ↑	<p>Planning/Enforcement is undertaken by Board Officers and issues are raised at Board and Committee meetings.</p> <p>Board Officers comments on planning applications are available on Local Authority website.</p> <p>Lobby Local Authority Planners to include IDBs as Statutory Consultees and to treat IDB watercourses as SUDs.</p> <p>A SUDs adoption and charging policy is currently under consideration, (Q3, 2016) to promote IDB services for adoption of SUDs to ensure</p>

**SOUTH HOLLAND INTERNAL DRAINAGE BOARD  
RISK REGISTER**

STRATEGIC OBJECTIVES	RISK	IMPACT	LIKELIHOOD SCORE (1 – 3)	IMPACT SCORE (1 – 3)	RISK RATING (HIGH, MEDIUM, LOW)	RESPONSE (ACTIONS PLANNED/TAKEN)
	allow them to fall into disrepair by lack of long term maintenance.	have an adverse impact on the IDB infrastructure and subsequently increase the risk of flooding.				these are properly maintained in perpetuity.

South Holland IDB

**Distributed to :**

**Members**

Biggadike F  
Booth S M  
Carter T Mrs  
Casson A  
Coupland P  
Foyster P  
Geest J L van  
Grundy N J  
Hay A G  
Howard M  
Markillie S A R (Vice-Chairman)  
Perowne J  
Seymour M D  
Sneath Mrs E  
Stancer I  
Taylor S R  
Thompson R C  
Tyrrell J  
Walls P  
Ward J W  
Worth D R (Chairman)

**Officers**

Camamile P J  
Price A D  
Vines K L J

South Holland IDB Meeting 8 February 2017at 10.30 am