

# LINDSEY MARSH DRAINAGE BOARD

Minutes of a Meeting of the Board held via Microsoft Teams and Teleconference on Wednesday, 23rd September 2020 at 9.00a.m.

* Messrs	G.A. Crust (Chairman)	* Cllrs	T. Aldridge
*	S.W. Eyre (Vice-Chairman)	*	D. Andrews
*	W. Cooper		S. Dennis
*	R. Crust		D. Edgington
*	T.H. Heys	*	A.J. Howard
*	J.M. Mowbray	*	D. McNally
*	R.H. Needham	*	E. Mossop
*	P.W. Pridgeon	*	W. Parkinson
*	D.R. Tagg		P. Rickett
	R.A.D. Unsworth	*	J. Swanson
			Mrs W. Bowkett

## \* *Present*

* Messrs	A. McGill (Chief Executive)
*	N. Kemble (Engineer)
*	A. Malin (Senior Operations Manager)
*	S. Fender (Operations Manager)
*	D. Cowling (Planning and Development Control Officer)
* Mesdames	N. Hind (Finance Manager)
*	C.B. Davies (Corporate Services Manager)

## \* *In attendance*

## 1. APOLOGIES

Apologies for absence were received from Mr P.W. Pridgeon, Councillors S. Dennis, D Edgington, P. Rickett and Mrs W. Bowkett.

## 2. DECLARATIONS OF INTEREST

Mr J. Mowbray declared an interest in agenda item 9 - Compensation Payments made Since the Last Meeting.

Cllr J. Swanson declared an interest in agenda item 19 - Delegated Matters - Planning, Byelaws and Supervisory Role.

## 3. NOTIFICATION OF ITEMS OF ANY OTHER BUSINESS

None.

## 4. BOARD MINUTES (Pages 1507 to 1523)

### RESOLVED

That the minutes of the meeting of the Board held on 17th June 2020 be confirmed as a correct record and the resolutions be adopted by the Board.

## 5. HEALTH, SAFETY AND WELFARE

The Senior Operations Manager reported that Officers were reviewing restrictions and the Board's Covid-19 Risk Assessment on a regular basis to ensure that the Board was compliant.

Following changes to welding guidance introduced by the HSE, updates to ventilation and protective equipment were to be implemented where necessary. The Board's risk assessments would to be reviewed and updated and guidance issued to staff.

An update on incidents reported since the last meeting was presented, there had been nine incidents across the consortium of which two had been in the Lindsey Marsh area, analysis of these incidents was being undertaken to establish root causes. Staff were still being encouraged to report near misses.

Training courses were still being affected by Covid-19 restrictions, but some courses were beginning to be booked. In the interim in-house assessments of capability were being undertaken.

RECEIVED

## 6. RISK REGISTER

An update on the current items affecting the Board was presented for members information. The key points of note were:

- (a) Website - Work to update the website would be completed during October.
- (b) Staffing - All vacancies had been filled with staff having started or due to start soon.
- (c) Illness - The Senior Management Team was continuing to monitor staff sickness and wellbeing.
- (d) Funding - The Finance Manager was reviewing the income from councils and officers would be arranging meetings in November following the completion of the estimates process.
- (e) Pumping Station Breakdowns - The Engineering team were monitoring stations and addressing any issues which arose.
- (f) Asset Management System - A new system was being developed to improve and update the Board's current system, Officers expected to have costings in January 2021 to report to the Board and would look to phase in the new system over a number of years to spread the cost.
- (g) Electronic Working - The new system was due to be tested by staff, once rolled out would this reduce the amount of paperwork undertaken by the DLO and office staff. In response to the Chairman, the Corporate Services Manager clarified that for office staff the introduction of Office 365 in 2019 and the timely employment of an additional member of staff to assist with IT had been key in the success of implementing home working.

The Corporate Services Manager proposed that once up and running a demonstration of the AMS and electronic working systems could be arranged for Members.

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## 7. DRAINAGE RATES AND SPECIAL LEVIES

The total balance outstanding at the 2nd September 2020 was £1,957,981.19 with collections at 51.7%.

Members thanked the Rating Officer for the excellent collection record.

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8. FINANCE

8:1 Management Accounts for the Year ending 31st March 2020

The Finance Manager presented the attached variance report and balance sheet, she reported that the report showed a positive income variance of £140,094.71, however, this was largely due to income from the use of own plant and labour at £111,117.40 over estimate and had no cash impact on the Board.

The expected outturn was a surplus of £114,768 which would improve the Board's predicted deficit of £23,877 to a £90,891 surplus. In addition to this, £250,00 had been transferred from the Plant Reserve, as agreed at the last meeting, this increased the Board's cash reserves to 9.67%. She further noted that the Board had budgets for Emergency Repairs at Pumping Stations and on Drains of around £768,000 and a reforming budget of around £586,000. Should a flood event occur, this could be used to cover costs with the planned works rescheduled as necessary to allow this. She hoped to be able to release some of the £568,000 reforming budget to reserves following a review with the operations team.

The Chief Executive noted that the use of the term Consultants on the variance report related to the Board's engineering staff when undertaking work for Doncaster East IDB and other Consortium boards.

*Messrs D.R. Tagg and S.W. Eyre joined the meeting.*

RESOLVED

That the Management Accounts for the period ending 31st July 2020 be approved by the Board.

8:2 Cash Reserves and Investments at 31st March 2020

The Finance Manager reported that the Board had £4,469,638.91 invested across five accounts.

RECEIVED

8:3 Payments over £500

A schedule of payments over £500 totalling £1,318,703.06 made since the last meeting was presented for members approval.

RESOLVED

That the attached schedule of payments over £500 be approved.

9. COMPENSATION

A schedule of compensation payments totalling £24,261.46 was circulated for approval; these had been paid in accordance with the Board's policy.

RESOLVED

That the compensation payments made since the last meeting totalling £24,261.46 be approved.

## 10. OPERATIONS REPORT

The Senior Operations Manager reported that around 55% of flailing activities and 45% of the weed cutting activities had been completed and it was expected that the programme would be completed on time.

Officers were preparing and costing a DRAFT reforming, access improvement and tree and bushing programme for 2020/21 and 2021/22, the proposed programmes would be reported to the Board in November 2020 for approval to allow the 2021/22 work to be included in the estimates.

The Senior Operations Manager reported that Officers had undertaken a review of the length of time it would take to reform all Board maintained watercourses. The calculation was based on all five tracked machines working throughout the eight month winter period and took into account the requirement to install and clean culverts, replace fencing and carry out environmental landscaping and also took into account holiday allowances. However, equipment failure, absence due to ill health, emergency works, and adverse weather events had not been included in the calculations. It was estimated that it would take ten years to complete the entirety of the reforming works. Officers considered that the Board should be able to achieve timely reforming of all maintained watercourses within the expected cycle of 15-20 years. More detailed work was required and a further report would be presented when this had been undertaken.

The following updates on the Board's plant were given:

- (a) Work to address the priming issues on the Betsy pumps was ongoing and once completed the modifications would be tested by staff.
- (b) The Board's new Liebherr wheeled excavator had been delivered and due to its versatility would allow the disposal of the mini digger and 180 Backhoe.
- (c) The replacement pump attendant vehicle had been ordered and was expected to be delivered in October 2020.
- (d) Officers were investigating suitable options to replace the heavy duty-slope mower to ensure that best value for money and the most versatile option was obtained.
- (e) Quotations were being sought for the purchase of the welfare cabin, portable valve actuator and a new vehicle.

In February 2020 tenders had been sought from seven suppliers to replace the 23 tonne zero tail swing 2014 Volvo excavator; two were returned within time and one arrived after the closing date. Officers asked the Board to consider bringing forward purchase of the tracked excavator scheduled for replacement in 2021/22 to this financial year with the costs to be funded from reserves. Around £6,000 had been spent on repairs since the start of the year and Officers had been informed that new tracks at a cost of £12,000 would be required before the next cutting season. There were considerable delays in delivery and it was expected that bringing the purchase forward would allow the machine to be delivered ahead of the next summer cutting period and may also provide the opportunity to secure a discount with the purchase of two machines. Tenders to replace both tracked machines had been sought and details of the tenders received together with a report on the condition of both excavators would be presented to the Plant and Compensation Committee in early November. Officers asked that delegated authority be granted to the Plant and Compensation Committee to accept the most suitable tenders.

Quotations had been received for the supply of new and second-hand tree shears and costs ranged from £13,900 to £28,990 for new and £12,500 and £23,000 for used shears. After careful consideration, Officers recommended the purchase of the KS860 second-hand Herder tree shears at a cost of £12,500 against the estimated budget of £19,000.

Security improvements had been implemented at the Strubby depot following the break in at the start of the year. These included strengthening the hanger doors and the improvements to the perimeter fencing, however, due to costs CCTV had not yet been installed.

Pump run hours and rainfall figures were noted.

RESOLVED

- (a) That the Board delegate authority to the Plant and Compensation Committee to approve the most suitable tender for the replacement of the 23 tonne zero tail swing 2014 Volvo excavator.
- (b) That the Board delegated authority to the Plant and Compensation Committee to consider bringing forward the replacement of the 2021/22 tracked excavator to the current year and to approve the most suitable tender; the cost to be funded from reserves.
- (c) That the Board approve the purchase of the KS860 Herder tree shears at a total cost of £12,500.

11. ASSET RENEWAL AND REFURBISHMENT PROJECTS

11:1 Telemetry System Replacement

Following approval at the June meeting, the Chairmen and Vice-Chairmen of all the Boards had met to confirm the award of contract for the new telemetry system to Schneider Electric (supply, programme, trial sites, managed service) and Inter-Lec Limited (install). Most of the details of the contracts had been agreed and completed contracts would be prepared shortly for work to be completed by 31st March 2021. The Engineer reported that in order for the telemetry systems to function, cloud-based software and data would need to be stored and operated from a physical computer server. There were licensing cost implications for this service and it would, therefore, be more cost effective to licence all four Boards as one. Officers requested the Board consider acting as sole Licence Holder and sub-licence to Isle of Axholme and North Nottinghamshire Water Level Management Board, Trent Valley IDB and Doncaster East IDB.

Trials of the new system would begin as soon as possible and include Theddlethorpe Pumping Station along with two Doncaster East IDB stations.

RESOLVED

- (a) That the Board enter into an agreement with SESUL to provide cloud-based software and server storage and delegate authority to the Chairman to sign the agreement on behalf of the Board.
- (b) That the Board act as sole Licence Holder and sub-licence to Isle of Axholme and North Nottinghamshire Water Level Management Board, Trent Valley IDB and Doncaster East IDB.

11:2 Emergency Pump Repairs (LM19302)

(a) Burgh Village Pumping Station

The bottom bearings on the Archimedian screw pumps had been replaced and the pumps were fully operational. The top bearings were inaccessible and would require significant work to expose and inspect them, as the work did not need to be completed immediately, Officers proposed that the Board make a provision of £10,000 in 2021/22 to undertake the works. Bespoke aluminium dam boards had been manufactured and a platform to facilitate safe installation and retrieval of these would be fabricated. Quotations for this work would be sought and funded from the small works reserve.

RESOLVED

That the Board include £10,000 in the 2021/22 estimates for works to the top bearings at Burgh Village Pumping Station.

(b) Burgh Sluice Pumping Station

Refurbishment works to Pump three were complete and the pump had been re-installed. Although all three pumps had been refurbished, the planned refurbishment of the whole the station was planned for 2026/2027 as Flood Defence Grant in Aid was expected to be available for the full refurbishment including the upgrade to fish friendly pumps.

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(c) Gibraltar Point Pumping Station

Pump one was being refurbished by Industrial Pumps Limited and once the work was complete and the pump re-installed, work on pump two would follow. Costs for works on pump one including lifting and removal of pump two were £9,776.00. Both pumps were expected to be returned to site by the end of October 2020.

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(d) Wedlands Gate Tilting Weir

The new actuator had been connected and the tilting weir was fully operational

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(e) Costs to Date

To date £27,675 of the £60,000 emergency pump repairs budget had been spent.

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11:3 Pumping Station Resilience

(a) Thorpe Culvert Pumping Station

The Board had previously agreed that additional resilience measures to protect the station in the would be put in place. Quotations for ventilation fans in the four pump cabinets, installation of an inlet fan in the building, replacement of lights

and installation of external lighting over the weed dump area at the rear of the building had therefore been sought and an order placed in the sum of £6,072. Works commenced on 10th September 2020. This work had been funded from the Pumping Station Resilience budget.

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(b) Ingoldmells Pumping Station

Vibration monitoring equipment was being installed on pump two at a cost of £2,330. The station was due for a major refurbishment including replacement pumps in 2022/2023.

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11:4 Environment Agency - Project Application and Funding Service (PAFS)

The Environment Agency had completed a total project refresh for the next six year funding period. Officers had provided an update for all of the Board's planned schemes and had undertaken a thorough review of the scheme scope following last year's flooding. This resulted in some changes to the programme, a review of projected costs had also been undertaken and the Flood Defence Grant in Aid (FDGiA) requirements reassessed. Overall, the increase in scope was largely met through achieving increases in FDGiA. The Environment Agency's Saltfleet to Gibraltar Point strategy gave benefit funding to the Board's more rural stations in the area increasing the funding contribution for works. Although confirmation was still awaited Officers expected that the Board's contribution would decrease slightly from £3,214,000 to £3,212,000 and the FDGiA funding would increase significantly from £3,180,000 to £8,057,000.

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11:5 Theddlethorpe Pumping Station Replacement (LM18306)

Officers had identified that the precast concrete planks over the pump intakes flexed when walked over and were investigating options for a replacement platform. New draw pits and cable ducts were being fitted by the Boards Direct Labour Organisation for the weedscreen cleaner cabling. Work to complete and commission the newly refurbished automatic weedscreen cleaners would commence on the 21st September 2020.

Expenditure to date was £380,959 against the approved scheme budget of £676,400 and a programme of outstanding works, costs and timescales to completion would be presented to the November meeting.

Mr T.H. Heys expressed concern that there was currently little work on site, the Engineer confirmed that work to wire the weedscreen was imminent.

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11:6 Boygriff Pumping Station Refurbishment (LM17352)

The syphon valves had been relocated and there were some minor associated electrical works required. The steel flooring would be manufactured and installed at the end of September. Most of the items on the snagging list were complete however the variable speed drives to the pumps were causing interference with the water level sensors and the contractors were addressing this problem. Information was being

sought from the Environment Agency regarding levels at which the pumps were to be enabled and disabled in respect of levels in the outfall basin. Shotblasting and painting on the piles would be undertaken in Spring 2021. The new transformer was due to be installed in October 2020, once complete the Board's DLO would complete concreting of the access/compound area.

A programme of outstanding works, costs and timescales to completion would be presented to the November meeting. Costs to date were £669,899 against the overall scheme budget of £803,000.

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11:7 Gotts Pumping Station - Refurbishment of Archimedean screw pumps (LM18300)

The refurbishment of both screw pumps was complete except an oil leak on the gearbox of pump two, the repair would be completed under warranty. Pump number two also suffered water ingress. This was not detrimental to the effective operation of the station, but a budget for replacement of the Archimedean screws would be included when the installation was next refurbished.

Bespoke aluminium dam boards had been manufactured and a platform to facilitate safe installation and retrieval of these would be fabricated, quotations for this work would be sought and would be financed from the small works reserve.

RECEIVED

11:8 Saltfleet Haven Outfall Consolidation Project (including Saltfleet Pumping Station Refurbishment) (LM19351)

The Outline Business Case (OBC) was complete and had been submitted to the Environment Agency for approval. The OBC was based on a preferred scheme and included the following;

- (a) A complete re-fit of the Board's Saltfleet Pumping Station including uprating the pumping capacity from six to nine cumecs with three new fish friendly pumps.
- (b) Reinstatement of the gravity outfall.
- (c) A pumped silt flushing system at the Environment Agency's Black Gowt outfall.
- (d) Two cumec peak flow transfer from the Environment Agency's Greyfleet Drain and South Dyke into Board's system and pumping station.

To address the residual flood risk and the Environment Agency (EA) agreed to allow future funding as part of the OBC. A supplementary component of the project would be to improve resilience of the Board maintained watercourses and the Environment Agency main rivers. The overall scheme costs were £4,395,966 of which the Board's contribution was £958,000 and flood defence grant-in-aid was £3,437,966.

The works would be phased as follows:

- (a) Phase One: 2020 to 2022 - pumping station upgrade and partial combination of outfalls including new doors and Black Gowt and silt flushing at a cost of £3,120,966.



- (b) Phase Two: 2026 to 2028 - lowland drainage improvements at a cost of £1,275,000.

Following validation of the benefits from phase one, the Board's contribution to phase two would be £175,000 in financial year 2026/27 and £175,000 in 2027/2028, this was included in the Board's £958,000 contribution.

Mr R.H. Needham queried the option to pump all of the EA water to flush the silt from the Haven. The Engineer stated that the option to pump water at high tide would be considered, however, with the flushing mechanism for the outfall, similar to that near the Board's Burgh Sluice Pumping Station on the River Steeping, it was considered that the most effective option for the area was use of the gravity outfall.

RECEIVED

11:9 Trusthorpe Pumping Station Refurbishment

Officers were looking to combine a single contract for the supply of nine fish friendly pumps, three each at Trusthorpe, Anderby and Ingoldmells Pumping Stations with staggered manufacturing periods and delivery and as much commonality as possible. A similar approach would apply to control panels. Once work to review flows into the Anderby and Ingoldmells catchments had been completed a report would be made to the Board.

RECEIVED

11:10 Covenham Pumping Station Refurbishment

The Board planned to install two new pumps at the station, a new electrical control panel and to undertake some minor improvements to the compound area. An inspection of the pumps and chamber had been undertaken and they were found to be in a very good condition. Quotations and comparisons for new pumps and refurbishment works and control panel replacement would be sought. A full report and recommendation would be presented to the November Board meeting.

In response to Cllr E. Mossop, the Engineer clarified that flooding issues in the village were from the Environment Agency's watercourse which the Board's station pumped into so any increase in capacity at the station would increase flood risk rather than reduce it. The Chief Executive confirmed that he and the Senior Operations Manager were in discussions with the EA regarding maintenance and would continue to push for additional work.

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11:11 Winthorpe North Drain and Branch - CCTV

128m of the culvert had been surveyed upstream and had identified some root penetration which required attention. The remaining 250m of the watercourse held significant water and silt and required damming work and desilting prior to camera insertion. A quotation was being sought for completion of the work.

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## 12. SCHEDULE OF TRANSFER OF BUDGETS

Members were asked to review and approve the attached schedule of budget transfers. There was no increase in cost for the Board, however, funds had been reallocated to cover overspends in some schemes and release underspends back to reserves. These transfers meant a total of £40,730.02 would be transferred to general reserves. This increased the General Reserves to 10.82%.

RESOLVED

That the Board approve the attached Schedule of Transfers of Budgets.

## 13. ENVIRONMENT AGENCY (EA) AND PARTNERSHIP MATTERS

### 13:1 River Steeping Catchment - Dredging Project

Planning of the dredging project had been completed and consisted of approximately 6,400m of de-silting works designed to achieve a minimum year-round water depth of 1.5m throughout the lower section of River Steeping and Wainfleet Relief Channel (WRC) downstream of Thorpe Culvert. The water depth of 1.5m was considered the optimum depth to discourage the regrowth of choking reed and bottom weed that severely impeded conveyance thus affecting flows in the river channels. Access concerns through the town meant that suction dredging from a boat was considered the best option and this would commence in late September 2020. The first phase would concentrate on dredging the River Steeping and the two extreme ends of the WRC either side (east and west) of the two railway crossing culverts. The centre section of the WRC would be dredged in Phase 2 in Autumn 2021. Three settling lagoons were being constructed on neighbouring farmland into which the water/silt mix would be pumped, the silt would settle and the water would be returned to adjacent watercourses. The Board's Direct Labour Organisation was undertaking construction of the lagoons with costs reimbursed through the partnership funding budget. The estimated costs of the two-phase project was £1,000,000; this would be funded from contributions of £550,000 from the EA, £250,000 from the Board, £150,000 from Lincolnshire County Council and £50,000 from East Lindsey District Council. The Board's contribution included £200,000 already allocated to the work and an additional £25,000 in both 2021/22 and 2022/23.

The budget breakdown was as follows:

Site Set-up, Fees and DLO Supervision		£58,300
Dredging Contract 2020 (Lagoon A and B)		£371,475
Local Support (DLO) 2020		£32,760
Dredging Contract 2021 (Lagoon C)		£80,950
Lagoon Construction and Dismantling (DLO)	Lagoon A	£60,000
	Lagoon B	£90,000
	Lagoon C	£45,000
Compensation	Lagoon A	£41,250
	Lagoon B	£36,000
	Lagoon C	£16,500
Ancillary Support inc Extra Weedcutting (DLO)		£7,750
Project Management Costs and Contract Admin (LMDB)		£38,302
Contingencies and Inflation due to Phasing		£108,977

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13:2 PSCA EA/LMDB Recovery Works - Embankment Repairs on the Great Eau, Long Eau, Greyfleet Drain and River Steeping

The Board was administering and managing a contract for repairs to embankments at ten sites on the Great Eau, Long Eau, Greyfleet Drain and River Steeping main rivers. The work included the creation of artificial badger setts, badger exclusion works, collapsing of redundant setts and reinstatement of the flood banks including permanent meshing to prevent further damage from burrowing animals. Competitive tenders had been sought to deliver the works but only one of the six contractors had responded. The sole tender received was assessed arithmetically and in general for compliance with the contract requirements. Assessment showed that in certain cases the contractor's tendered prices were inconsistent and that a large contingency amount had been included and which implied that the amount was to be paid whether incurred or not. After clarification of the above issues the original tender submitted had been adjusted to £1,737,002.11; this included a 7.5% contingency for all aspects of protecting the contractor's workforce from COVID-19 risk. The revised tender exclusive of the contingency item was considered to represent value for money. Due to the value and fact that only one tender was received, discussions had been held with the Chief Executive, Engineer, Chairman, Vice-Chairman and Internal Auditor.

Mr R. Needham expressed concern that only one tender had been received and the Chairman confirmed that following consultation with the internal auditor he had been satisfied with the tender award.

The Board had contracted an ecologist to oversee and project manage the scheme ensuring compliance with environmental legislation. The Board's management fee for the scheme was £260,550, however, costs for the ecologist were expected to be around £60,000 and would be paid out of this.

Mr T.H. Heys supported the work but expressed concern about the cost of creating artificial sets.

Members also queried the impact of the recently announced badger cull on the need for work to create additional sets.

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13:3 Works Undertaken by the Board's DLO

In addition to the River Steeping recovery works, the Board's DLO continued to undertake works for the EA under the PSCA agreement, as shown below:

<i>EA Watercourse</i>	<i>Length of Cut In Metres</i>	<i>Estimated Cost</i>
Woldgrift Drain	14,713	£15,065
Willoughby High Drain	8,977	£10,645
Orby Drain	525	£475
Wold Drain	1,590	£1,075
Steeping River	16,700	£10,940
Wainfleet Relief Channel	5,000	£3,485
Steeping Weedboat	7,650	£7,047
Cowcroft Drain	8,000	£3,550
Lady Waths Beck	1,800	£800
Grass Cutting Great Eau and Long Eau	34,528	£12,000
Total	99,483	£65,082

Cllr D. McNally queried if the Board was receiving more requests for work and if the work undertaken would be completed to the Board's standard or to EA standards. The Chief Executive confirmed that they were receiving more requests to undertake work for bank repairs as the Board offered greater value for money to the EA than some of the contractors under the WEM Framework, he hoped that the work being undertaken would on these watercourses and on the River Steeping would allow Officers to push for increased maintenance on EA watercourses. Work would be completed to the Board's standards and procedures.

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#### 14. ADOPTION OF WATERCOURSES AT WILLOUGHBY AND THORPE ST PETER

##### 14:1 Willoughby Riparian Watercourse

Following flooding in 2007, the Board had undertaken a scheme which included the construction of a new channel and improvement works in the village of Willoughby. At the east end of the village a new culvert had also been installed but was not adopted by the Board. This 165 metre x 300mm diameter culvert and a 200 metre open watercourse that connected to the Board maintained Willoughby High Drain both remained in riparian ownership.

The culverted section had been damaged by roots from a large Willow tree and was also blocked by a build-up of silt; the tree was subsequently removed by the landowner. Due to the high risk of properties flooding internally, ADC were instructed to survey and clean out the culvert and to provide a report as to its condition; the cost of this work was £1,650.

A request had been made for the Board to adopt these sections of watercourse and Officers were of the opinion that adoption would alleviate the flooding issues in the village. There were also issues with a highway culvert which was in poor repair and preventing the flow of water and Officers would raise this with the Highways Team.

It was noted that extensive work would be required on the culverted section and the open watercourse to bring them up to the required standard and an environmental assessment would also be required prior to works commencing. The estimated cost of this was £20,000 with annual maintenance costs for flailing and weedcutting activities of approximately £90. Given the history of flooding in the area, Officers recommended that the Board adopt both sections of watercourse and seek contributions from local councils and Highways towards the cost of bringing the watercourse up to the Board's standard.

Mr S.W. Eyre stated that the section of watercourse carried water away from the village and adoption by the Board and regular maintenance would improve the flow.

RESOLVED

- (a) That the Board adopt the 200 metre section of riparian watercourse and 160 metre length of culvert to improve conveyance of water from Willoughby village.
- (b) That contributions be sought from third parties to bring these up to the required standard.

14:2 Riparian Watercourse at Thorpe St Peter

Officers had received a request for adoption of 530 metres of riparian watercourse in Thorpe St Peter which protected 16 properties and agricultural land. The drain was cleaned out regularly by the riparian owner who had written requesting the Board to consider its adoption as several of the properties have been flooded in the last 18 months. Due to the importance of the watercourse which connected to the Board maintained Steeping River Soke Dyke North, it was recommended that the Board adopt the watercourse; costs for maintenance were being obtained and would be reported back to the next meeting.

RESOLVED

That the Board adopt the 530 metres of watercourse at Thorpe St Peter.

15. CULVERTING OF ROTTEN ROW DRAIN AT THEDDLETHORPE

Officers proposed that the Board culvert a 60 metre section of Rotten Row Drain at Theddlethorpe in order to reduce the Health and Safety risk to operatives, this section of road was considered to be one of the most dangerous locations for roadside working in the area; access was not available from the opposite bank. The estimated cost of the work was £18,000 and would be funded from the reforming budget.

RESOLVED

That the Board approve culverting of 60 metres of the Rotten Row Drain, Theddlethorpe, at a cost of £18,000 to be taken from the reforming budget.

16. ENVIRONMENTAL REPORT

16:1 Eels, REDEEM Project

The project was initially delayed due to weather conditions in 2019, however, the Venturi pump had been installed on a temporary basis at Anderby Pumping Station by Hull International Fisheries Institute (HIFI), part of the University of Hull. The Venturi pump concept offered a potentially low cost option for eel passage and may be possible to retro fit to existing pumping stations. Potentially this could avoid the need to change the existing pump type if a combination of weed screen and Venturi pump provided sufficient protection and passage for eels.

RECEIVED

16:2 Internal Drainage Board, Biodiversity Action Plan

A new template for the IDB Biodiversity Action Plan had now been completed by ADA and Natural England; the Board adopted its Biodiversity Action Plan (BAP) in 2010. ADA was developing some metrics that could be reported via the IDB1 or direct to ADA that would enable the industry's delivery of biodiversity to be more easily reported. Once this work was complete a further report would be made to the Board.

RECEIVED

17. QUERIES AND COMPLAINTS

Officers reported that the system was still being developed and training to improve the quality of the information recorded was ongoing. The Board had received 58 general queries since

the last meeting but no formal complaints. The Corporate Services Manager considered that the new system would improve response times and monitoring.

RECEIVED

18. BYELAW APPLICATIONS

18:1 Byelaw Application – Catchwater Drain, Off Bishop Tozer Close, Burgh Le Marsh

Officers had received an application for the installation of a 11kv HV cable to feed a new substation. The proposed route was within 2.5m of the outside edge of the Board maintained Catchwater Drain culvert and had a crown depth of 1m. The cable was then proposed to be installed under the new road layout which was located 6.0 metres from the bank top.

Other routes had been considered including an overhead service crossing which would have crossed the Catchwater Drain potentially impacting upon the Board's operations. The distance measured from the culvert to the Board's boundary was 2.84m and the cable could be laid 2.5m from the pipe at a depth of 450mm cover. Officers recommended that the application be accepted by the Board.

RESOLVED

That the Board approve the relaxation of the Board's Byelaw for works within 9.0 metres of the Board maintained culverted Catchwater Drain but no closer than 2.5 metres and grant consent.

18:2 Byelaw Application - Proposed care home development adjacent to Harps Drain West Branch No 1

Officers had been in discussions regarding the proposed position of a new care home on land off Golf Road Mablethorpe, the development was granted planning permission in December 2018. There was an existing consent on the site from January 2014 relating to the proximity of the fence to the watercourse and discharge of surface water. It became a concern that the site had been granted permission based on a proposed layout which had been overlaid onto the Ordinance Survey base layer and not developed as a part of a topographical survey, the developer was asked to provide accurate drawings in May 2020.

The Board completed a survey of the site which showed that the structure would overfly the top of the watercourse. The developer revised their plans and located the structure nearly 9m from the top of the original watercourse and between 1.8 metres to 3 metres from the top of the new elevated bank which had been battered back from the original bank top. The Engineer was confident that the building was not at risk of falling into the watercourse or causing slips and that the Board had adequate access to maintain the watercourse, berm and elevated bank.

Officers calculated that the proposed boundary fence could be erected at a position one metre away from the new upper bank top. This positioned the fence around 7-7.5 metres away from the watercourse, provided adequate pedestrian access for the Board to carry out hand maintenance on the bank and gave approximately 1.5m separation from the proposed care home. The Board had access in perpetuity on the opposite bank to maintain the watercourse. The building would have piled foundations to a depth of between 18 and 20 metres therefore there should be no structural concerns.

RESOLVED

That the Board approve the relaxation of the Board's Byelaw for works within 9.0 metres of the Board maintained Harps Drain West Branch Number One and grant consent.

19. DELEGATED MATTERS - PLANNING, BYELAWS AND SUPERVISORY ROLE

19:1 Byelaw Applications

Officers reported that the following byelaw applications had been dealt with under delegated authority since the last Board meeting:

- LMDB/LDC/2019/084 Installation of a land drainage outfall into the right bank of the Board maintained Field Drain at O.S. field number 7900 at national grid reference TA 32088 02113 in the parish of Tetney.
- LMDB/LDC/2020/019 Installation of an underground gas pipeline under the Board maintained Plough Lane Drain at national grid reference 548239 387112 and Sudales Drain at land off Mablethorpe Road at national grid reference 548240 387108 in the parish of Theddlethorpe.
- LMDB/LDC/2020/021 Erection of a 20 linear post and rail fence within 9.0 metres of the bank top of the Board maintained Mardyke Drain watercourse at The Prussian Queen at national grid reference 545292 390857 in the parish of Saltfleetby.
- LMDB/LDC/2020/022 Demolition of an existing brick building and construction of a replacement building within 9.0 metres but not closer than 3.5 metres of the Board maintained Mardyke Drain at The Prussian Queen at national grid reference 545293 390868 in the parish of Saltfleetby.
- LMDB/LDC/2020/024 Increase in flows from surface water discharge from two (Phase 1 and Phase 2) residential developments at land off Station Road at national grid reference 548857 365678 in the parish of Burgh le Marsh.
- LMDB/LDC/2020/028 The installation of three. Land drainage outfalls into the left bank of the Board maintained Hills Common Drain at national grid reference 552968 376819 in the parish of Huttoft.
- LMDB/LDC/2020/029 Increase in flows from a surface water discharge into the Board maintained Wildshed Lane Drain culvert from land off Wildshed Lane at national grid reference 549538 364740 in the parish of Burgh Le Marsh.
- LMDB/LDC/2020/031 Increase in flows from a surface water discharge into the right bank of the Board maintained Saltfleet Relief Sewer from a development at land off Jacklin Drive at national grid reference 545135 383940 in the parish of Saltfleet.
- LMDB/LDC/2020/032 Installation of three land drainage outfalls into the left bank of the Board maintained Tuttle Drain East at O.S. field number 0232 at national grid reference 535236 401495 in the parish of North Cotes.

- LMDB/LDC/2020/034 Installation of three land drainage outfalls into the left bank of the Board maintained Field Drain at O.S. field number 7900 at national grid reference 532088 402113 in the parish of Tetney.
- LMDB/LDC/2020/035 Installation of three land drainage outfalls into the right bank of the Board maintained Field Drain at O.S. field number 1700 at national grid reference 532079 402113 in the parish of Tetney.
- LMDB/LDC/2020/036 Installation of three land drainage outfalls into the left bank of the Board maintained Inghams Sewer at O.S. field number 0057 at national grid reference 531613 402175 in the parish of Tetney.
- LMDB/LDC/2020/037 Installation of three drainage outfalls into the right bank of the Board maintained Inghams Sewer at O.S. field number 0057 at national grid reference 531613 402175 in the parish of Tetney.
- LMDB/LDC/2020/038 Installation of one land drainage outfall into the left bank of the Board maintained Huttoft Main Drain at national grid reference 552719 379608 in the parish of Huttoft.
- LMDB/LDC/2020/040 The installation of four land drainage outfalls into the right bank of the Board maintained Crawcroft Lane Drain at national grid reference 551317 378941 in the parish of Huttoft.
- LMDB/LDC/2020/041 Installation of four land drainage outfalls into the left bank of the Board maintained Crawcroft Lane Drain at national grid reference 551317 378976 in the parish of Huttoft.
- LMDB/LDC/2020/042 Installation of one land drainage outfall into the right bank of the Board maintained Boygrift Drain at national grid reference 550756 378833 in the parish of Huttoft.

RECEIVED

19:2 Section 23 Applications

The following Section 23 applications had been dealt with since the last meeting:

- LMDB/LDC/2020/014 Realignment of two riparian watercourses to the north and south of North Road in Trusthorpe to facilitate road widening between national grid reference 551169 383467 and 551194 383440 and the construction of a new footpath between national grid reference 551188 383428 and 551210 383394 in the parish of Mablethorpe.
- LMDB/LDC/2020/016 Installation of a 85 linear metre culvert into a riparian watercourse a land north of pumping station, Croft Lane at national grid reference 550142 359687 in the parish of Croft.
- LMDB/LDC/2020/017 Installation of a 12 linear metre replacement road culvert at the junction of West Lane at national grid reference 542905 392125 in the parish of Saltfleetby.



- LMDB/LDC/2020/020 Installation of an 18 linear metre culvert into a riparian watercourse at The Prussian Queen at national grid reference 545256 390867 in the parish of Saltfleetby.
- LMDB/LDC/2020/025 Installation of a 6 linear metre culvert into a riparian watercourse at land off Station Road at national grid reference 548851 365670 in the parish of Burgh le Marsh.
- LMDB/LDC/2020/030 Installation of a 16 linear metre culvert in a riparian watercourse of land off Wildshed Lane at national grid reference 549524 364805 in the parish of Burgh Le Marsh.
- LMDB/LDC/2020/039 Installation of one and drainage outfall into a riparian watercourse at O.S. field number 5451 at national grid reference 552391 379362 in the parish of Huttoft.
- LMDB/LDC/2020/043 Installation of four land drainage outfall into a riparian watercourse at O.S. field number 5451 at national grid reference 552212 379305 in the parish of Huttoft.
- LMDB/LDC/2020/044 Installation of land drainage outfalls into a riparian watercourse at O.S. field number 8218 at national grid reference 551886 379147 in the parish of Huttoft.
- LMDB/LDC/2020/045 Installation of four land drainage outfall into a riparian watercourse at O.S. field number 5200 at national grid reference 551455 379027 in the parish of Huttoft.
- LMDB/LDC/2020/046 Installation of four land drainage outfall into a riparian watercourse at O.S. field number 4854 at national grid reference 550468 378499 in the parish of Huttoft.
- LMDB/LDC/2020/047 Installation of three land drainage outfall into a riparian watercourse at O.S. field number 4440 at national grid reference 550465 378497 in the parish of Huttoft.
- LMDB/LDC/2020/048 Installation of four land drainage outfalls into a riparian watercourse at O.S. field number 2537 at national grid reference 550351 378479 in the parish of Huttoft.
- LMDB/LDC/2020/049 Installation of one land drainage outfall into a riparian watercourse at O.S. field number 0052 at national grid reference 550163 378335 in the parish of Huttoft.
- LMDB/LDC/2020/050 Installation of three land drainage outfalls into a riparian watercourse at O.S. field number 0028, 5126 and 3923 at national grid reference 549825 378164 in the parish of Huttoft.
- LMDB/LDC/2020/052 Installation of a 90 linear metre culvert in a riparian watercourse at land off Croft Bank at national grid reference 550276 359478 in the parish of Wainfleet All Saints.

#### RECEIVED

The following Section 23 application had been dealt with on behalf of the Lead Local Flood Authority:

- LMDB/LDC/2020/023 Installation of 215 linear metre filter drain and 94 linear metres of filter drain to accommodate a highway safety

scheme in a riparian watercourse off the A18 Barton Street between national grid reference 528825 394909 and 528470 394771 in the parish of Ludborough.

RECEIVED

19:3 Planning Applications

Officers had consulted on 34 planning applications since the last meeting and appropriate comments relating to surface water drainage were made.

RECEIVED

20. TO CONSIDER ANY CONFIDENTIAL ITEMS UNDER THE PUBLIC BODIES (ADMISSION TO MEETINGS) ACT, 1960.

In accordance with Section 2 of the Public Bodies (Admission to Meetings) Act, 1960, it was agreed to exclude the public from this part of the meeting due to the confidential nature of the business being discussed. The minutes of which are recorded on pink paper.

21. ANY OTHER BUSINESS

The Chief Executive expressed concern that not all members were participating as usual in meeting discussions and encouraged them to do so.

Mr R Crust raised an issue with a broken gate post on Shuttle Bank, Great Eau and asked whose responsibility the gate was. The Senior Operations Manager would look into this and contact Mr Crust to discuss.

CHAIRMAN