

## **DanV**m Drainage Commissioners

Shire Group of IDBs  
Epsom House  
Malton Way  
Adwick le Street  
Doncaster DN6 7FE

### **Meeting Papers**

*Friday 4 November 2016  
9.30am*




Shire Group of IDBS  
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Malton Way  
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## Meeting Papers

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## Purpose

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## 1. Governance

**Recommendation:**

- Note information contained in this report

### 1.1 Appointment of Chair and Vice Chair

### 1.2 Appointment of Committee members

### 1.3 Apologies for Absence

### 1.4 Declaration of Interest

### 1.5 Public Forum

No requests have been received

### 1.6 Key Performance Indicators

Indicator	Achievement to date	Expected target as of November 2016
Adherence to Complaints Procedure	100%	100%
Meeting Papers issued in accordance with Standing Orders	100%	100%
Percentage of rates collected	Rates 93.95%, Special Levies 50.8%	Rates 95% Special Levies 50%
Percentage of planned watercourse maintenance work completed	75%	75%

## 1.7 Minutes of the Meeting held 30 June 2016

Present:

Member	20.06. 14	07.11. 14	06.02. 15	19.06. 15	06.11. 15	05.02. 16	30.06. 16
David Atkinson (Dun District)	✓	✓	✓	✓	x	✓	✓
David Dusi				appoin ted	✓	✓	x
Derek Bell (Barnsley DC)	✓	✓	A	✓	x	✓	✓
Andrew Cooke (Went District)	A	✓	✓	A	✓	✓	A
John Duckitt (Dun District)	✓	✓	✓	✓	✓	✓	✓
Martin Falkingham (Went District)	✓	✓	✓	✓	✓	✓	A
Terry Grady (Doncaster MBC)	✓	✓	✓	✓	✓	✓	✓
Charlie Hogarth (Doncaster MBC)	✓	A	✓	✓	x	✓	✓
Gillian Ivey (Vice Chair) (Selby DC)	✓	✓	✓	✓	✓	✓	✓
Mike Jordan (Selby DC)	✓	A	✓	A	✓	✓	A
Dave Hill (DMBC)					✓	✓	✓
Steve Lomas (Dun District)	✓	✓	✓	✓	✓	✓	✓
Andrew Parmenter (Selby DC)						✓	A
Paul Maddison (Wakefield MDC)	✓	✓	✓	✓	✓	✓	A
Richard Pashley (Dun District)	✓	✓	A	✓	✓	✓	✓
David Platt (Knottingley)	✓	✓	✓	✓	x	✓	✓



to Gowdall District)							
Sue Ryder (Selby DC)	✓	✓	A	A	✓	✓	Resigned
Tony Sockett (Doncaster MBC)	A	✓	✓	✓	✓	✓	✓
Robert Robinson (Dun District)					Casual vacancy appointment	✓	x
Cllr Debbie White				A	✓	✓	A
Richard Ward (Doncaster MBC)	✓	✓	✓	✓	✓	✓	✓
Richard Thompson (Dun District)	✓	✓	A	✓	✓	✓	✓
Neil Welburn (Went District)	✓	✓	✓	✓	✓	✓	x
Frank Jackson (Doncaster MBC)	✓	✓	A	✓	✓	✓	✓
Chris Crowe (Coal Authority) Knottingley to Gowdall District		Appointed and present ✓	✓	A	✓	A	✓

**Officers attending:**

Ian Benn – CEO  
 Craig Benson – Finance Officer  
 Alison Briggs – Administrator/Environment  
 Paul Jones- Engineer

**Public attendance** – Bo Iwanskyj Coal Authority, David Oakes, Environment Agency, Jeremy Benn, Adam Westwood JBA Consulting

### Chairman's announcement

2016.47 Chair welcomed members from JBA Consulting, Coal Authority and Environment Agency. Chair requested an alteration in the Agenda to incorporate the following demonstration and a presentation on the hydraulic model. All in Agreement

2016.48 Chair requested Item 2.1 Website be deferred and discussed under the Management Services closed session. Members in approval.

### Hydraulic Model presentation and flume demonstration

2016.49 PJ introduced Jeremy Benn and Adam Westhead to present the work done so far on hydraulic model with some outputs to provide an overview and explanation on work funded by the Board and Local Levy monies.

J Benn confirmed the extent of area covered by the model, thirteen catchments, 219km of watercourse, its purpose to analyse and provide an evidence base on how the catchment performs at all flows. Surveys are complete and modelling 100% complete on three catchments, substantially complete on another three. LiDAR has been used together with topographic surveys from which a bare earth model will be produced.

Model will be georeferenced, selecting a site will produce model information for that locale. Board will have accurate representation for flood storage of any part of the district. Used Toll Bar area to illustrate flooding extent with pumps running and without, flooded area extended considerably in absence of pumping.

A Westhead expanded, using Toll Bar area as example, on an increase x4 in pumping, whilst removing water from one area, model identified an increase in flooding downstream. Increasing capacity of culvert reduces flooding upstream but increased flooding downstream. It was suggested the model will assist developers and other RMAs from a Total Catchment Management perspective, permitting developers to pay for use of base model, allowing Board better ability to manage catchments (climate change, development, subsidence, storage, abstraction). Model will require updating as things change within catchment through development and Board will have ability to manage that change using an evidence based tool.

GI advised finance discussed measuring financial benefits of night time pumping querying whether model would assist that understanding. J Benn advised simulations can be run for different periods of time, pump running costs and energy used can then be calculated and economics analysed. CH queried costs for updating the system. J Benn, confirmed if development within the area, much of the cost could be borne by Developer. RW queried kind of options testing proposed. PJ advised as many as required depending on funding; core options were related to vegetation roughness/ impact of maintenance (benefits), pumps working and/or isolated, options from strategy looking at opportunity to link catchments, removal of pump stations and storage opportunities are all within the approved commission. Moving forward there were other options related to pump efficiencies but these were not funded approved options at this time. CC queried inclusion of culvert blockage scenarios which PJ confirmed were an identified unfunded option. RW noted as majority of work undertaken during model production, options can be relatively quickly produced at fraction of model cost. RW further confirmed Board would share information with LLFA, EA as Risk Management Authorities under FWMA 2010. He noted Developer charging is key, model will be of particular use for them, the Board can decide on the fee. Information can be linked to DMBC planning for developers to know this information is available. CC queried cost benefit identification on future works/considerations at stations. PJ advised cost benefit analysis was included in the original tender, but was cost prohibitive at that time; cost benefit would be undertaken per station/catchment as the refurbishment/replacement approaches. DB very impressed with work and thanked JBA Consulting. He advised Board needs to understand importance of model in connection with Board Strategy. Board had opportunity to understand its actions of maintenance and revenue spend, and would be better informed regarding strategic importance of pump stations. Board advised timescale for base model completion 18th July at which time it could agree what options it requires testing. CH queried Toll Bar



whether events of 2007 could be recreated. J Benn confirmed model is calibrated against known events within the catchment but that incident was influenced by Ea Beck overtopping/breaching as well as over sources (ground water etc.), not specifically rainfall within that area. In response to Member query it was confirmed cause of flooding event could be identified.

Members viewed flume demonstration on effect of culverting, weed screens. EO advised video of flume demonstration available on YouTube.

### Governance

2016.50 Apologies received from MF, DW, MJ, PM, AC, AP. SR had resigned from the Board. DB left to attend another meeting.

2016.51 Declaration of interest – none

2016.52 Public forum – none requested

2016.53 KPI's - CEO advised for information only, as part of Danvm Audit KPI's were recommended against which to mark the performance of the Board.

2016.54 Minutes 5 February 2016 - CH proposed minutes recorded as true record, seconded FJ, all in favour.

2016.55 Matters arising **2016.19** – FJ queried Board logo. CEO confirmed he had not heard from Doncaster college and students are within a period of examination now.

**2016.45** – FJ queried whether a Task Group had been set up to discuss options for Management. GI confirmed

2016.56 Complaints/FOI – EO explained reference to Mystery Shopper, procurement arm of Government in reference to complaints it had received against the Board and DMBC relating to production of specifications. Crown Commercial Services confirmed the Board was able to demonstrate an appropriate ethical wall provision ensured the Board's incumbent did not receive an unfair advantage in bidding for work where it had prepared the specification

JD referred to his complaint regarding restricted culvert at Wormley Hill suggesting there was an issue between DMBC and Board. CEO questioned whether declaration of interest required as member had land within vicinity. Member confirmed not. RW confirmed DMBC is progressing work in association with bank slips on Rudgate Lane which once completed should alleviate the problems. No issue between DMBC and Board.

2016.57 DMBC Audit – Recommendation G12 - approval of procedure. Members discussed at length possibility of Board not agreeing with Chairman's decision, of complaint being raised against Chairman. DH advised the process flow chart was typical of the way in which such an issue is dealt with within DMBC, he did not expect the full Board to investigate an alleged issue and arrive at a conclusion in the public arena. It would be acceptable for the Board to challenge an outcome of report however the process sets out steps to examine a potential breach. **Members all approved process.**

### CEO Report

The CEO confirmed recommendations included separate sheet emailed to all members regarding election process, the remainder of his report for Member information only.

2016.58 Data Sharing Policy and Data Sharing Agreement – **proposed FJ, seconded GI, all in favour.**

2016.59 Election – confirm appointment of JBA Consulting as returning officer. DH opined requirement to be individual, not company. Confirmed Craig Benson as Financial

Officer was the returning officer, however a JBA Consulting employee. **GI proposed, seconded RT, all in favour.**

2016.60 Board approval of register of electors for advertisement – **RJ proposed, CH seconded, all in agreement.**

2016.61 Remainder of report for information – Members acknowledge remainder of report should be accepted as read.

### Engineers Report

The Engineer confirmed two recommendations from WLM Committee plus 1 additional item for which he was seeking approval in relation to a request from the Coal Authority. He advised the hydraulic model commission was to produce a model for 13 of the Board's 20 catchments, a funding gap remains for 7 catchments, of which is currently being explored.

2016.62 Planning - Eng queried usefulness of providing information. Applications are historic at time of Board meeting, purpose of Engineers comments is to provoke a Developer to understand consents are required. Board can only comment on green field run off rate or whether development may cause an obstruction to flow. Board is not a statutory consultee although Management works closely with Planning Offices in all districts. RW confirmed should members have concerns they should consult the local planning authority website to make individual comments on applications.

2016.63 M&E Framework – GI requested explanation of framework. Eng confirmed WLM Committee had received explanation and had recommended to the Board however North Lincs Council and the Coal Authority manage a number of pump stations, the Shire Group manages a considerable number; a mechanical & electrical framework will deal with issues of pump and panel repairs, improving responses for the catchment but undertaking procurement in advance. **RW proposed Board agree recommendation, CH seconded, all in favour.**

2016.64 Incident response plan – Member requested explanation of plan. Eng confirmed WLM Committee requests that the Board agrees to prepare its own incident response plan, working with Category 1 and 2 responders which will provide clear information on what decisions are to be made in times of flood or asset failure and what the Board agrees to do. Currently all decisions are left with officers and chairman depending upon the situation. The board needs to make a decision on producing a plan in response to certain incidents. It was confirmed at a suggestion by RW that this may include sharing resources. JD queried whether the Board was paid for its workforce time in working with the EA earlier in the year. CEO confirmed not. **RT proposed Board prepare an incident response plan, seconded CH, all in agreement**

2016.65 Coal Authority request – The Coal Authority member and Coal Authority colleague both left the meeting. Eng. confirmed request received post issue of papers. Authority approached Board to ask for approval in principle to lead on capital works schemes in connection with subsidence mitigation work at Fieldhouse pump station, Fishlake and Great Heck pump station. Board required to promote the scheme through Environmental Impact Assessment (Land Drainage Improvement works) Regulations and serving notice of entry under LDA 1991 for any injury or compensation and extending its powers to the Coal Authority. Coal Authority to tender for works and deal with construction directly. Agreement with Coal Authority required for full cost recovery. RT proposed Board provides approval subject to full costs recover from Coal Authority. Advised RT and JD both had pecuniary interest in the area therefore could not participate. **FJ proposed**

**Board provides approval to Coal Authority request subject to full cost recovery, seconded GI, all in favour.**

2016.66 CEO advised Coal Authority expressed interest in entering an agreement with Board similar to PSCA Agreement. Management recommend if acceptable to Board, Management can proceed to produce. **CH proposed, FJ seconded, all in agreement.**

**Finance Report**

2016.67 FO advised requirement of Board approval for 5 recommendations including information to be noted in the report.

2016.68 Board approval of Governance Statement Section 1 Annual Return. **GI proposed, CH seconded, all in agreement**

2016.69 Board Accounts. JD queried cost of electricity at Blackshaw Clough compared with Towns Clough suggesting work required at station as water being pumped in circles. Requested matter be taken to WLM Committee. FO advised Towns Clough figure represented a negative figure following incorrect meter estimates by the service suppliers. **RT proposed approval of Board accounts, seconded GI, all in agreement**

2016.70 Accounting Statement Section 2 of Annual Return - **Approval of Accounting Statement for y/e 31 March 2016 proposed CH, seconded FJ, all in agreement**

2016.71 Pension Automatic enrolment – **Proposed CH, seconded FJ, all in agreement**

2016.72 Pension contribution level remain – **FJ proposed, TG seconded, all in Agreement**

2016.73 FO advised remaining information provided was for members to note.

**Environment**

2016.74 EO advised three recommendations including acknowledging information contained within her report.

2016.75 Ratification of Chairman's decision and action in connection with Shirley Pool SSSI. **GI proposed, FJ seconded, all in agreement.** GI advised important to note as set out in papers, project was 100% Grant funded

2016.76 Appointment of Member to Shirley Pool SSSI WLMP Steering Group. **SL volunteered as he was familiar with the site and surrounding archaeology, FJ supported, all in agreement**

2016.77 EO advised update, all barn owl boxes had now been erected. CC queried work to be undertaken by Coal Authority at certain pump stations. Noted new boxes would not be inhabited and existing box occupants were used to noise disturbance.

2016.78 Chair thanked Officers for all work done in connection with environmental duties for which the Board responsible

**Health & Safety**

2016.79 CEO advised of a near miss incident currently under investigation for breach of serious Health & safety protocol. He confirmed full reporting at November meeting. **CH moved, all in favour**

**Date of next Board meeting**

2016.80 4 November 2016

**Private Session Management Services and Website**

2016.81 Meeting closed to all other than Board Members.

2016.82 Shire Group Website – TS outlined the background to the actions taken by IB to use the North Lincolnshire Council Procurement Services to Tender for the work required to update the Shire Group of Boards Website. In the discussion which followed, questions were asked about the procedures which had been undertaken to ensure that the process was transparent and would not lead to any subsequent challenge or complaint. The Chair indicated that he and the Vice Chair had received a copy of the Checkpoint Report from North Lincolnshire Council in which reference had been made to

a potential conflict of interest in relation to one of the bidders for the contract. The Checkpoint Report outlined in full the steps taken with the issue of the Contract Notice placed on the YORtender website, the expressions of interest recorded and the actual final number of suppliers who had submitted a quotation. The evaluation of the quotations had been undertaken and a points scoring system used to consider the merits of each Tenderer in respect of Quality Award Criteria and Cost Award Criteria. TS reported that a final list of three Tenderers had been produced and shown in order of merit. Due to the confidential nature of the Checkpoint Report, the names of Tenderers could not be divulged. All the Shire Group IDB's had been requested to inform North Lincolnshire Council Procurement Services of their decision.

**Resolved: That the Board accept in principle the recommendation to proceed with the selection of the first choice Tenderer subject to obtaining reassurances regarding the tender process and that subsequently the Chair informs North Lincolnshire Council of the decision to proceed with the implementation of the contract to the preferred Tenderer.**

2016.83 Management Service - Board Members considered a summary of the actions taken by the Task and Finish group appointed at the last Board Meeting to consider the future of the Management Services Contract which was scheduled for review from the 31st March 2017. As Chair, TS thanked the T&F members for their constructive work and acknowledged with thanks the role undertaken by RW in research and the maintaining of notes of the three meetings held so far.

**The following recommendations were presented by the T&F Group and accepted by the Board:**

- **The Board does not agree to implement the current clause in the Management Services Contract to extend it by one year with effect from the 31st March 2017**
- **The Board agrees to seek a five-year Management Services Contract to be implemented as a 3 years plus 2-year period from the 1st April 2017**
- **The Board seeks to progress with securing a 'stand-alone' Management Services Contract solely for the Danvm IDB**
- **The Task and Finish Group continues its work to produce a timeline for the production of the Specification and Contract documents, implements the**

**Procurement Procedures and develops the arrangements for advertising and shortlisting**

- The Board agrees to pay a sum of up to £5,000 to Doncaster Council for the services of its officers and those of Selby District Council for the professional work required to progress and implement the new Management Services Contract.

To conclude the Chair recommended that the content of these decisions be relayed to the officers of the Danvm IDB team with immediate effect.

## 1.8 Matters arising not elsewhere on the Agenda

## 1.9 Complaints/FOI requests

Register of Complaints						Dealt With	Pending	Outstanding				
Status	Date Received	Submitted By:-	Acknowledged by:	Format	Concerning	Nature of Complaint	Dealt with by:-	Response / Action Taken	Matter resolved to satisfaction of	Location of Correspondence	Date of response	
FOI	02.8.2016	Mrs Riley	CB	email	VAT - rechargeable works	Requesting reasons why VAT not charged on recharge invoices to Hatfield Colliery	CB	refused vexatious Section 14 FOI Act 2000 and guidelines prepared by ICO 4th request same subject matter reopen an issue which has already been comprehensively addressed by the public authority, or otherwise subjected to some form of independent scrutiny.	unknown	2014s1005-5-1-E010-007, 2014s1005-5-1-E010-008	5.8.2016	
FOI	11.08.2016	BDO LLP	CB	email	VAT - rechargeable works	requesting information on Mrs Riley's request	AB	requested information on whose behalf acting		2014s1005-5-1-E010-009, 2014s1005-5-1-E010-010	26.8.2016	
Complaint	29.09.2016	Mr Birkinshaw	AB	email	drainage at Low Farm	Board not providing Low Farm access to drainage network	AB	Advised issues at Low Farm arising from past mining subsidence. Farm previously owned by NCB, not remediated	unknown	2014s1005-5-L004-001, 2014s1005-5-L004-002, 2014s1005-5-L004-003, 2014s1005-5-L004-004	30.9.2016, 3.10.2016	

## 2. CEO Report

**Recommendations:**

- **Board acknowledges information contained in this report**

### 2.1 Shire Group of IDBs Website

The website is currently being populated by Officers following initial formatting issues

### 2.2 Defra

#### 2.2.1 Demaining and Asset Transfer

Defra has confirmed the Environment Agency will deliver the Main River Pilot Strategies by 2018.

### 2.3 Environment Agency (EA)

#### 2.3.1 Humber Flood Risk Management Strategy

A short presentation will be given at the meeting on the Strategy extension

#### 2.3.2 Public Sector Cooperation Agreement (PSCA)

The Board has not as yet been requested to undertake any work under the PSCA.

### 2.4 Association of Drainage Authorities (ADA)

#### 2.4.1 Technical & Environment Committee

Discussions included:

- Greater representation by IDB Members at FloodEx
- Eel regulation and potential IDB funding contributions toward Hull International Fisheries Institute research work
- Proactive IDB approach toward Health & Safety
- Driver for delivery by 2018 of de-maining/asset transfer pilot projects
- Developing guidance for IDBs on de-maining and asset transfer
- Cost of updating ADA website
- Wording for BAPs incorporating aims and objectives of Biodiversity 2020

#### 2.4.2 Policy & Finance Committee

Discussions included:

- Production of new IDB Policy statement
- Proposed new IDBs in Cumbria



- Local Authority 100% retention of business rates
- Assistance provided to Local Authorities to understand Special Levy
- Alternative approach to valuation of non-agricultural land
- ADA Business Plan
- Subscription renewals

## **2.5 Management Services**

Clerk and Engineering Services to the Board are being tendered through YorTender. The closing date for tender returns is 14 November 2016.

## 3. Engineers Report

### Recommendation(s):

- To note information contained in this report

### 3.1 WLM Committee

Nothing to report

### 3.2 Planning, pre-application advice and consents

#### 3.2.1 Planning Applications

56 planning applications have been commented upon between 24 May 2016 and 18 October 2016.

#### 3.2.2 Land Drainage Act 1991 (as amended) Section 23 and Section 66 (Byelaw) Consents

10 consent applications have been commented upon between 24 May 2016 and 22 September 2016



## 4. Finance Report

### Recommendations:

- To note the information contained in this report and Finance Committee Minutes
- Board officers remind Members where Committee recommendation requires resolution (Finance Minute 2016.19)
- Board become VAT registered in anticipation of undertaking PSCA work in excess of the VAT threshold (Finance Minute 2016.22)
- Board considers on an individual basis borrowing monies from itself to save money (Finance Minute 2016.24)
- Board considers compliance with Coal Authority request to lead on mining remediation Pump Station project (Minute 2016.29)
- Board does not enter into any new commuted sum for pumping stations (Finance Minute 2016.29)
- Board continues and 100% funds work to complete the model and not rely on any contributions from Coal Authority (Finance Minute 2016.32)

### 4.1 Rating Report

Details of the Rates and Special Levies issued and payments received up to and including 12<sup>th</sup> October 2016:-

	£	£
<b>Balance Brought forward at 1 April 2016</b>		4,161.62
<b>2016/2017 Drainage Rates and Special Levies</b>		
<b>Drainage Rates</b>		144,098.31
<b>Special Levies</b>		
Barnsley Metropolitan Borough Council	36,278.00	
Doncaster Metropolitan Borough Council	390,062.00	
East Riding of Yorkshire Council	12,178.00	
Rotherham Metropolitan Borough Council	2,416.00	
Selby District Council	376,286.00	
Wakefield Metropolitan District Council	93,325.00	910,545.00
<b>Total Drainage Rates Due</b>		<b><u>1,058,804.93</u></b>
<b>Less Paid: -</b>		
<b>Drainage Rates</b>		139,292.55
<b>Special Levies</b>		
Barnsley Metropolitan Borough Council	18,139.00	
Doncaster Metropolitan Borough Council	195,031.00	
East Riding of Yorkshire Council	12,178.00	
Rotherham Metropolitan Borough Council	2,416.00	
Selby District Council	188,143.00	
Wakefield Metropolitan District Council	46,662.50	462,569.50
<b>Total Drainage Rates Paid</b>		<b><u>601,862.05</u></b>
<b>Balance Outstanding as at 12<sup>th</sup> October 2016</b>		<b><u>456,942.88</u></b>

## 4.2 Finance Committee

Minutes of the meeting of the Finance Committee, which took place 7 October 2016 can be reviewed at Appendix A.

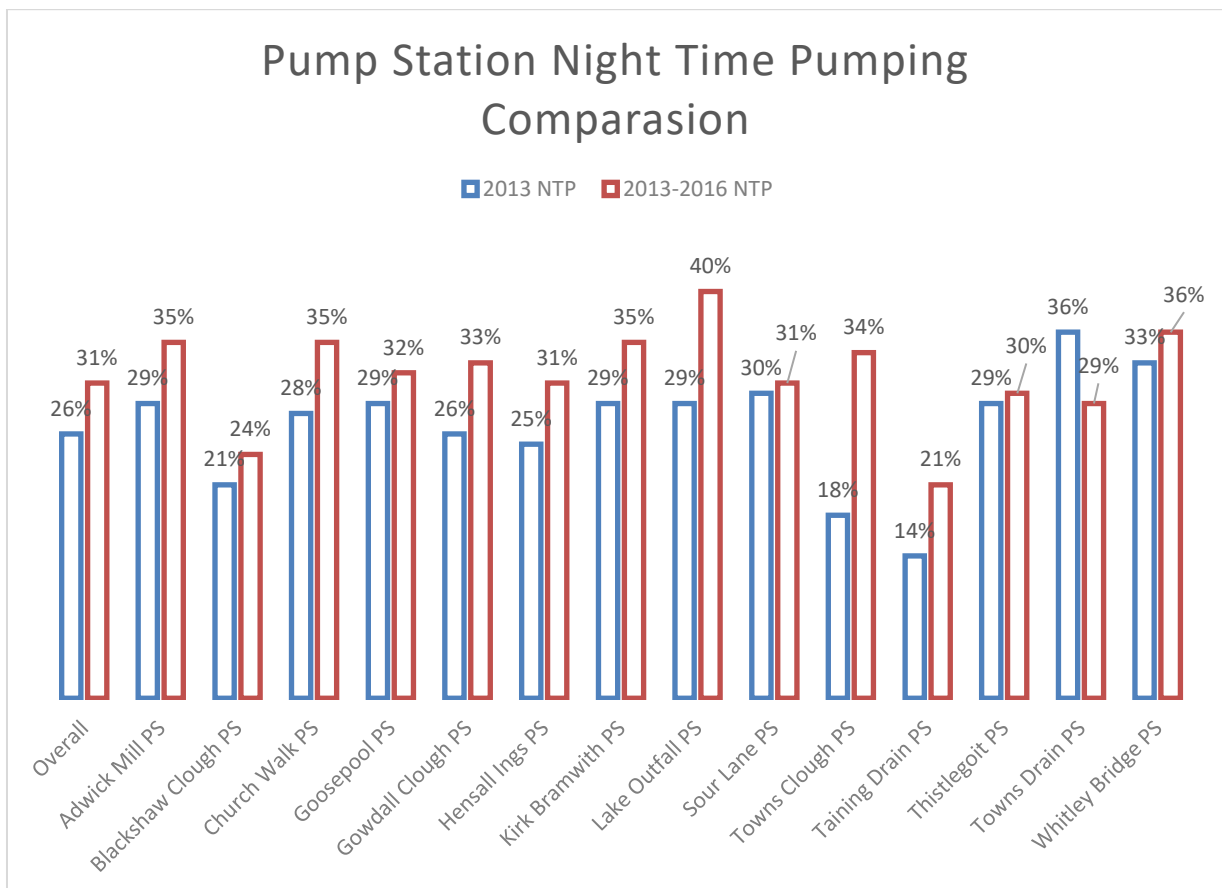
## 4.3 Financial Information

### 4.3.1 Night Time Pumping Pilot

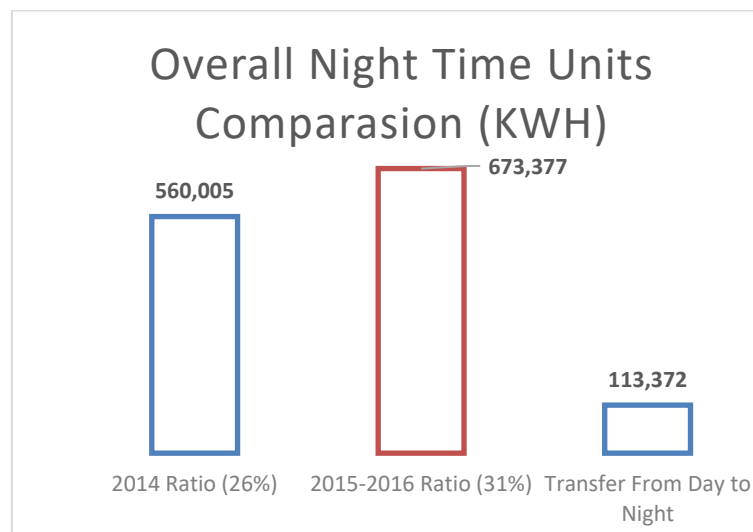
A pilot was undertaken to determine the potential savings by taking advantage of a cheaper electricity tariff (kwh) between the hours of **00:00-07:00**.

This aim was to where possible delay any day time pumping and pump through the night. This was done by setting a higher water level when the pumps would begin to operate, with the aim of storing the water until night.

The graph below shows that there has been an overall increase of **5%** in night time pumping across all board contributing stations since the pilot was undertaken. The amount of night time pumping went from **26%** to **31%**



A comparison was then made to determine the cost savings based on this increase in night time pumping. It was assumed that total units used would be constant. The graph below shows that a **6%** increase led to a total of **113,372** units were transferred between day time pumping and night time pumping, which led to a saving in the period of **£5,042**.



The information provided was created using data from the electricity suppliers. It does not take into account the other variables such as rain fall, flow or water levels. All of which will have a direct effect on pumping.

Mapping the full district will give us a greater understanding of every catchment and direct effect one catchment has on another. This will assist in decision making as it will allow us to optimise water level capacities and therefore increase electricity usage efficiency and cost savings.

## 5.Environment

### Recommendation:

- To acknowledge the information contained in this report

### 5.1 Legislation

#### 5.1.1 Eels (England and Wales) Regulations 2009 - General

Environment Agency Fisheries presented at the EA Brampton depot in Cambridgeshire in September. Whilst the timed exemptions for High Priority sites are now effectively obsolete

following issue of the November 2015 guidance, the work done on pump station prioritization remained relevant in so much as it provides the Agency's methodology to understand which station sites it considered most important to passage for eel.

It was noted solutions for eel passage require further study to avoid spending public money on a solution that does not necessarily work for the species as well as hoped. Research has provided evidence that that large mixed flow pumps with low rotation and few blades worked better for eel passage. Research on a fish friendly pump was one where the associated pipework had not been altered therefore it was unknown whether the eel deaths were as a result of pipework issues.

Eel exhibit abnormal behaviour as they came into contact with a weed screen, following which some swam upstream to sites higher than that at which they had been released, perhaps seeking an alternative route for migration.

### **5.1.2 Eels (England & Wales) Regulations 2009 - Specific**

The Board is the Operating Authority for its wholly owned pump stations, those to which it receives contributions from third parties and those wholly owned by third parties. The Board is responsible for ensuring Eel Regulation compliance.

Extensive work has been undertaken liaising with the Environment Agency, identifying catchment, quality of habitat and extent of pumping hours resulting in the following station sites being removed from Eel Regulation compliance, at considerable saving to the Board and its partners.

- Norwood
- Woodholmes
- Church Walk
- Sour Lane
- East Ings
- Tilts Bridge
- Blackshaw Clough

## **5.2 Policy**

### **5.2.1 Biodiversity Action Plan 2015-2020**

Work done in connection with eel regulation compliance has identified the need to produce an Eel Regulation Compliance Plan in respect of Bramwith Rands pipeline which currently directs eel into the sump at Kirk Bramwith. This requires producing when the results of Kirk Bramwith catchment modelling are known. This structure will not receive a timed exemption notice.

Work undertaken to date is detailed in Appendix G. Over 4km of drain survey for sign of water vole where found in previous years. Populations cannot be located.

### **5.2.2 ADA T&E Biodiversity 2020 working group**

ADA required easy access to work done by IDBs in connection with BAPs which could be collated in order to advise Defra the extent of IDB assistance with delivery of the aims and objectives of "Biodiversity 2020: A strategy for England's wildlife". Due to Defra funding cuts and lack of uptake, the Biodiversity Action Reporting System (BARS) is being taken down and alternative methods of BAP action reporting nationally will need to be identified.

This is currently being considered by the B2020 working group of which the Environment Officer is a member.

## 5.3 Water Level Management Plans

### 5.3.1 Shirley Pool SSSI

The cost of plan implementation exceeds available funding. Discussions are taking place with Natural England and Project Managers to agree the essential work associated with the plan.

## 6.Representation

The Board is represented at a number of fora:

<b>Environmental</b>	<b>Flood Risk Management</b>	<b>Other</b>
Humberhead Levels Steering Group	Humber Flood Risk Management Steering Group	ADA Technical & Environment Committee
Humberhead Levels Partnership Group	EA-CIRIA Partnership Funding Opportunities	ADA Policy & Finance Committee
EA/ADA Eel Liaison Group		

## 7.Date of next meeting

<b>Board</b>	<b>Finance</b>	<b>WLM</b>
3 February 2017	2 December 2016	
23 June 2017	26 May 2017	
3 November 2017	6 October 2017	
	1 December 2017	

## 8.Board Workforce – Closed session

This section of the meeting will be closed to members of the public.

## 9. APPENDIX A: Finance Committee Minutes (Draft)

Minutes of meeting 7 October 2016

Present: Andrew Cooke (AC) (Chairman)  
Gillian Ivey (GI)  
Derek Bell (DB)  
Richard Thompson (RT)

Attendees JBA: Craig Benson (CB)  
Alison Briggs (AB)

### 2016.16 Apologies

Received from Andrew Parmenter, Richard Ward, Mike Jordan and Tony Sockett as Observer. Noted Andrew Parmenter has since resigned from the Board. Dave Hill had resigned from the Board

**2016.17 Declaration of Interest** – None given.

### 2016.18 Minutes of meeting 27th May 2016.

Proposed approved GI, seconded AC, all in Agreement

### 2016.19 Matters arising:

Noted no motion had been tabled at the Board Meeting regarding modelling. GI proposed Board officers should remind members [even where Officers have declared an interest], where a recommendation should be discussed and resolved by the Board. Seconded DB, all in agreement.

### 2016.20 External Audit

Discussed treatment of Fixed Assets. At the request of the external auditor, items will be put in the audit declaration at cost for all subsequent years even though that is not the true value of the asset.

### 2016.21 VAT

HMRC has confirmed board operates legally. Internal Auditor has confirmed Board operates legally. Issue raised by complainant through External Auditor, waiting for them to answer complainant following which they will respond to audit.

### 2016.22 Internal Audit Report

Comments made on a number of subject headings, Board operating correctly.

GI – queried auditors request to the Board to have a Reserves Policy which it already has. CB confirmed auditor oversight, will be amended prior to Board meeting.

Internal Audit comments on VAT and PSCA work. CB advised under likely PSCA work Board will be asked to undertake, that work may exceed £83,000.00 threshold; Board will need to register. Proposed: DB proposed Board become VAT registered in anticipation of undertaking an amount of PSCA work in excess of the VAT threshold. Seconded GI, all in agreement

### 2016.23 Internal Review meeting

28th November 2016. VAT issue will be on agenda as PSCA affects all Boards.

#### **2016.24 Budget**

81% of landowner ratepayers have settled rates, some pay by instalments. Special Levy second instalment expected November. Discussed commuted sum investment on rolling basis. Discussed Board borrowing from itself, noting risks associated with an unexpected requirement to use a commuted sum in connection with its particular asset. Sale of cottage monies used for capital investment only. GI proposed: Board considers on an individual project basis borrowing monies from itself to save money. RT seconded, all in agreement. Noted budget where expected to be

#### **2016.25 Five-year budget estimate:**

AC proposed: Agreed to include a note within full board meeting papers regarding the 100% recovered assets detailed in budget. GI seconded, all agreed. Discussed loan and contribution toward Coal Authority work. That work had been delayed, if draw down now, the loan would be for half year only.

Members considered the predicted rate in 2021/22 noting capital programme influenced and rate necessary to cover new loans to pay for capital replacement. Advised 10-year budget rate doubling from current one. CB confirmed brought to attention of Members at board meeting. DB appointed to discuss with Dave Hill and Richard Ward funding of assets in the future. Hoped modelling would identify savings but if Board continues its work at present, budget indicated a 19p rate in 10 years. Considered impact on 6 local authorities raising Special Levy. DB – need communication exercise that includes benefits but advise will require an increase and detailing why then identifying what the increase would look like. AC advised the importance of special levy payers receiving that communication message. GI – Finance must also look at what it can do differently for which hydraulic model will influence. AC noted this work would also be influenced by WLM Committee. CB noted as Local Authorities were able to retain business rates, the importance of the Board being able to explain the benefit of what it does allowing business development to expand into drained areas. AC proposed: Communication is made between Board and its ratepayers and special levy payers as to what Board is trying to achieve 5-10 year plan. DB seconded noted the importance of evidencing benefits being derived from Board work. Members agreed to include as an Agenda item to review this before the rate demands issued next May. All in agreement

#### **2016.26 New Work & Plant**

CB advised Board worked on 10-year capital replacement. Noted cottage sale monies could contribute to pump station works. GI would like to see it as a loan meaning it would be subsequently replaced. GI advised preference for fixed transfer into NW&P, not changing figure. Advised fixed amount would result in capital replacement deficit of £200,000 by 2021. Board had previously resolved not to use a fixed figure annually.

#### **2016.27 Planned expenditure meeting:**

Meeting between DB, RW and DH. It was noted imperative modelling informs on future pumping requirements. Need to include all assets including pipelines, remote weed screens, culverts in forward plans. Group reviewed all actions including grants borrowing options, partnership working. Board task was to reduce expenditure wherever possible and take into account requirements of partners and their asset replacement programmes. Vital to undertake condition assessments before undertaking works, this links with WLM asset management and the importance of intervention at the correct time. AB advised that compliance with Eels Regulation needed to be consideration. DB agreed Members had identified a risk that is not financially factored into the budget. Impact could be large or small and needs to be catered for. Figures currently are correct but there is a need to acknowledge no accommodation been made in those figures to comply with Eels Regulations. Condition assessments will better inform what expenditure required. It was requested that a note

be added to the bottom of the planned capital expenditure figures and graphs indicating no allowances had been made for Eel Regulation compliance adaptations which may be in the region of £80-150,000 per station

#### **2016.28 Coal Authority pump station schemes**

Fishlake - Second station complete this financial year. Board is financing through monies already received from Coal Authority.

Great Heck - CA wishes to complete work within next financial year. CA would like the Board to reconsider work for third parties and undertake works with recharge back to CA. LDA 1991 s64, provides for Board passing powers of entry but permitted development rights cannot. Members discussed all associated financial risks including project over run, additional administration and possible CA funding cuts from Defra/DECC. DB proposed CB confirm to CA if Board to agree it required Coal Authority fund 100% of all costs, including additional administration, it indemnifies the Board against all risks and requires all funding in advance. If CA can do that, it will be put to the Board but not otherwise. GI seconded, all in Agreement. Noted this information must be available from the CA 14 days before next Board meeting to go in the papers for discussion otherwise it would not be.

RT proposed the Board does not enter into any new commuted sum for pumping stations. GI seconded, all in agreement.

#### **2016.29 Third party agreements to contribute to pump stations**

Yorkshire Water will not contribute toward capital replacement, old agreements badly worded and interpreted to mean contribution to maintenance. All bodies are endeavouring to produce new agreements fit for purpose.

#### **2016.30 PSCA**

CB advised for this and particularly any asset transfer/de-maining funds would be made available for only a short period. AC advised Board should take funds whilst available

#### **2016.31 Modelling**

Members noted Coal Authority comments regarding possible contribution to costs.

GI proposed: Board funds the remaining balance so that 100% of the model can be completed immediately and not wait for possible contributions from Coal Authority. DB seconded, all in agreement.

#### **2016.32 Options testing**

Noted local levy application made for 100% funding. Will be put to main RFCC Board on 20th October.

**2016.33 New Website** is under construction, and not yet viewed by board members – GI requested search for Danvm Drainage Commissions result would go straight to Board pages, not Shire Group of IDBs. DB requested data cleansing exercise on website relating to length of service.

#### **2016.34 BAP – Bramwith Rands**

Noted monies to be used for Eels Regs compliance in connection with solutions to issue of culvert. Model would inform. Culvert was responsibility of riparian owner

#### **2016.35 Workforce**

Members noted large cost of plant and machinery asset replacement over 10 years and cost of workforce. RT advised whilst substantial cost, having own workforce works well particularly in times of inundation, the true value of a workforce is seen. DB suggested it would be counter intuitive to pursue PSCA work unless the Board has its own staff.



GI advised own workforce had saved Board money by incorporating previously contracted work. All agreed value of employing own workforce.

**2016.36 GI proposed, DB seconded closed session. All in agreement**

CEO attended the meeting and reported verbally on a grievance process which had been taking place involving members of the workforce. The Chairman had conducted an appeal but some issues were not resolved. EL Direct had provided advice which was thought to be included in other costs.

One employee is currently suspended pending further investigation.

The CEO indicated that management time had been logged separately. Members debated whether this was covered by the current management contract.

Further the CEO advised that EL Direct would be taking over future investigations.

**2016.37 Humber FRM Strategy**

Noted the inclusion of an area that will affect this Board. CEO advised information would be provided at the full Board

**2016.38 List of payments**

Noted Towns Clough PS electricity consumption high. RT proposed approval of payments, DB seconded, all in agreement

**2016.39 AOB – none**

**2016.40 Next meeting** 2nd December 2016 – RT sent apologies



## 10. APPENDIX B: BAP actions

Biodiversity 2020	Habitat/Species	Target Ref.	Target	Action Ref.	IDB Actions	Indicators	Reporting	2015/16 Report	2016/17 Report
<p><b>Key sector: water management Outcome 1C Habitats and Ecosystems on land Priority Action 1.1</b></p>	<p><b>Boundary and Linear Features - formerly Hedgerows</b></p>	1	Identify and determine status of hedgerows within the District	1.1	Survey hedgerows maintained by the Board parallel to Board maintained watercourses	Length (m) surveyed	Annually	<p>Holme Lane 400m blackthorn elder hawthorn ash. Middle Lane 500m field maple, hawthorn, blackthorn, ash, dogrose. Bellcroft 900m hawthorn, blackthorn. Wrancarr Lane 900m hawthorn, bramble, dogrose, Sutton Common Drain 300m hawthorn, dogrose. Airy Lane Drain/Bellcroft 900m viburnum hawthorn beech, Wrancarr Lane 1500m hawthorn, dogrose, bramble Wood end Drain 600m hawthorn, Green Dike 900m hawthorn, blackthorn Westfield Road Drain 1500m hawthorn blackthorn, Sour lane Drain 1700m hawthorn, blackthorn (poor), Wormley Hill Drain 2000m Hawthorn, (thin sparse), Carrhead Drain 400m hawthorn, Hushells Lane both drains 500m hawthorn, (poor), Sykehouse main drain 850m mainly hawthorn, blackthorn poor exception species rich 250m Woodlands Farm. River Went Stubbs Grange Drain 500m, hawthorn dominated, occasional blackthorn. All paucity of forbs at hedge base other than rank grasses, nettles, cleavers. <b>TOTAL LENGTH SURVEYED 14,250m</b></p>	



			1.2	Identify ancient and species-rich hedgerows maintained by the Board	Length (m) surveyed	Annually	Woodlands Farm, Marsh Hill Lane 250m, 10 year old species rich hedge, good condition. Base not yet forb species rich but getting so. Holme lane 400m and Middle lane 500m adj board maintained drains 4 and 5 species per 30m respectively. Little additional herbaceous addition at base of hedge	
		2	Ensure no net loss of hedgerow through the operations of the IDB.	2.1	Monitor all maintenance and new capital works to ensure any hedgerow removal is compensated by re-planting species-rich hedgerows	Number of capital works schemes monitored	Annually	Proposed hedgerow maintenance undertaken late winter after berries dropped/eaten. Most hedgerow hawthorn/blackthorn, berries produced on old growth. Only cut hedges triennially.
				2.2	Ensure no damage to existing hedgerows caused by the operations of the IDB	Length (m) protected/ remaining intact	Annually	250m Hobbly Hoy Drain on Westfield Road removed by landowner
<b>Key Sectors: water management Outcome 1C Habitats and Ecosystems on land and Priority Action 1.1 and 3.12</b>	<b>Eutrophic Standing Open Waters and Canals - formerly Drains &amp; Ditches</b>	3	Maintain and enhance the existing habitat and species diversity of watercourses within the drainage district	3.1	Ensure the appropriate management of the IDB watercourses through an integrated Biodiversity Action Plan and Maintenance regime following best practice guidelines	Plan production	ongoing through life of plan	Appropriate management of Tilts Bridge Wildlife Ponds to avoid encroaching scrub procession and drying out through siltation. Removal of extensive Phragmites and bank side flail mowing,
				3.2	Identify and assess potential impacts of all new discharges into IDB maintained waterways	Number assessed	annually	Eight consents assessed



			3.4	Ensure any IDB consents cause minimum environmental damage to the aquatic habitat	Number of consents assessed	annually		Mawson Green Lane, Sykehouse - search for reptile prior to field crossing culvert installation. 12 consents assessed
	4	Control of non-native invasive species along IDB waterways	4.1	Record and monitor non-native invasive plants and animals, report INNS findings to GB INNS Secretariat	length (m) of channel surveyed	annually	Eight consents assessed	
	5	Assess the suitability and accessibility of IDB catchments and watercourses for Eel	5.1	Assess all Danvm IDB catchments and watercourses for suitability and accessibility for Eel	% of catchments assessed	annually	EA Fisheries Officer site visit Bramwith Rands culvert and Wrancarr Drain. Assessment good habitat for eel. Eel known in catchment from eel/fish pass at old Don Ox Bow.	Working with Coal Authority and Environment Agency on appropriate prioritization of Coal Authority funded stations regarding regulation compliance. Lack of upstream habitat resulted in NO Priority status being assigned.
			5.2	Identify target sites and assess feasibility for improvements in accessibility for Eels	% of catchments assessed	annually	EA Fisheries will recommend screening for eel at Bramwith Rands culvert intake and likely upgrade of Kirk Bramwith pump station to high priority	
<b>Key sector: Water Management Outcome 1C Habitats and Ecosystems on land Priority Action 1B</b>	<b>Ponds</b>	6	6.1	Improve understanding of status of Board owned ponds  Undertake surveys of Tilts Bridge ponds north and south of Ea Beck	Survey effort (hrs)	Within life of Plan	Survey Ea Beck south bank November 2015, updated April 2016 following invertebrate survey and water quality survey. Ea Beck north bank known population of GCN.	Work recommended following survey to be undertaken by Board workforce under Environment Officer supervision. Survey undertaken of Wildlife Pond north Ea Beck 18.5.2016. Some maintenance thinning of Common Reed required.



			6.2	Submit all records from surveys to local biological records centres and National Ponds Monitoring Network at Freshwater Habitats.org	Number records submitted	of following survey		Information submitted to DMBC Ecological records centre
	7	Maintain and improve quality of ponds with Board ownership	7.1	Identify if quality of Board owned pond to south of Ea Beck requires improvement	work undertaken	within life of plan	Report by Ecus Ltd on pond enhancement at Ea Beck south bank for GCN. Actions to be implemented 2016/17 season and triennially thereafter. Follow up invertebrate and water quality survey March 2016	Survey and report on Tilts Bridge Wildlife Reserve May 2016. Identified need for second pond maintenance to remove Common Reed by 60%. Tadpole identified however species unidentifiable.
<b>Key Sector: Water Management Outcome 3: Species Priority Action 1.3</b>	<b>Water Vole</b>	Maintain and enhance suitable habitat for water vole within Board maintained drains	8.1	Ensure appropriate habitat management of watercourses with known Water Vole populations.	length (m) managed/maintained	Ongoing through life of plan	Drain maintenance undertaken in accordance with Environmental Best Practice for conservation benefit and flood risk	Drain maintenance undertaken in accordance with Environmental Best Practice for conservation benefit and flood risk
			8.2	Review maintenance regimes and identify watercourses where the mowing and weed cutting regime can be altered to enhance and increase Water Vole habitat.	Length enhanced (m)	2015 onward		done in conjunction with Asset Manager
			9.1	Provide training to IDB employees on legislation pertaining to Water Vole and their habitat.	No employees trained	Ongoing through life of plan	Reminder of EBP fringe of vegetation along toe of bank	



			9.2	Ensure Water Vole surveys are conducted prior to any bank improvement, drainage or other engineering works.	Number of surveys undertaken	of	Ongoing through life of plan	no bank improvement works undertaken	no bank improvement works undertaken	
	10	Monitor populations of Water Vole within the drainage district.	10.1	Submit all Water Vole records from the drainage district to local biological recording centres.	number of records submitted	of	annually	submitted all records to DMBC	submitted all records to DMBC	
			10.2	Undertake monitoring of key Water Vole colonies.	Length surveyed	(m)	annually		1200m West Lane, Sykehouse. Burrows evident but no latrines or grazing. 1000m Wood Lane Drain surveyed May 2016. No evidence located. 2km Ings&Tethering Drain surveyed. Possible burrow but no tangible evidence of presence of water vole.	
Key sector: water Management Outcome 3: Species Priority Action 1.3	Great Crested Newt	11	Maintain and enhance suitable habitat for Great Crested Newts within Danvm drainage district	11.1	Assess the suitability of Board owned ponds for breeding GCN	Number of ponds assessed	of	ongoing through life of plan	Report by Ecus Ltd on pond enhancement at Ea Beck south bank for GCN. Actions to be implemented 2016/17 season and triennially thereafter	Preparation of instruction on requirements for workforce Foreman. If unable to incorporate into maintenance programme, consider instructing Contractors.
				11.2	Seek to retain appropriate aquatic plants used by GCN to deposit eggs	area (m) plants retained		ongoing through life of plan	Lifting tree canopy on southern boundary of Ea Beck pond projected to increase availability of <i>Myosotis scorpioides</i> (Water forget-me-not) for egg laying	Requested lead operative incorporate into annual maintenance programme
				11.3	Assess the feasibility of undertaking restoration work on ponds adjacent to IDB watercourses	number of ponds restored	of	when work undertaken	Feasibility assessed for restoration work on Ea Beck south bank pond. November 2015. Spot deepening pockets of pond bed will increase water retention for GCN.	Requested lead operative incorporate into annual maintenance programme



			11.4	Maintain pond at Bramwith Rands and South Ea Beck for the benefit of the known GCN population	appropriate maintenance	annually	South Ea Beck Pond to be maintained for benefit of GCN on triennial basis	Requested lead operative incorporate into annual maintenance programme
	12	Ensure all IDB works comply with relevant legislation protecting Great Crested Newts and their habitats	12.1	Provide training to IDB employees on legislation pertaining to Great Crested Newts and their habitats	number of employees trained	annually		To be undertaken prior to improvement works
			12.2	Ensure GCN surveys are conducted prior to any drainage or other engineering works in close proximity to ponds	number of surveys	ongoing	no new engineering works	no new engineering works
	13	Monitor populations of GCN within the district	13.1	Submit all Great Crested Newt records from the Danvmdistrict to local biological recording centres	No of records submitted	2016 onward		Submitted DMBC Biodiversity Records
			13.2	Undertake monitoring of GCN population at Bramwith Rands and South Ea Beck	No of surveys	2016 onward		to be undertaken post enhancement works
<b>Common Toad and Common Frog</b>	14	Ensure all Board maintenance work considers the terrestrial and aquatic habitat of Common Frog and CommonToad		Provide training to Board employees on the lifecycle of Common Toad and the varying types of habitat required	No of employees trained	2016 onward		
			14.1	Record sightings of all stages of life cycle with local	No of records submitted	2015 onward		Tadpoles in angling club wildlife pond. Unable to identify whether frog or toad
			14.2					



					Biodiversity records centre				
<b>Key Sector: Water Management Outcome 3: Species and Priority Action 1.3</b>	Barn Owl	15	Enhance Barn Owl numbers within the drainage district	15.1	Erect three Barn Owl boxes on IDB pumping stations	Number of boxes erected	at end of plan	5 sites identified and agreed by Conservation Wildlife Trust at Kirk Bramwith, Blackshaw Clough, Wrancarr, Tilts and Gowdall	Boxes delivered June, erected by workforce at all sites, spreadsheet prepared with all Board barn owl box locations, submitted to Wildlife Conservation Trust
		16	Monitor Barn owl numbers within the drainage district	16.1	Submit all barn Owl records from the drainage district to local record centres	No of records submitted	at end of plan		Require information from Wildlife Conservation Trust. Barn Owl using box at Lake Drain
				16.2	Monitor the use of Barn owl boxes once erected	No of monitoring visits	at end of plan		Monitoring annually by Wildlife Conservation Trust
<b>Key Sector: Water Management, Outcome 1A Habitats and Ecosystems on land</b>	unfavourable declining condition SSSI	17	Preparation of WLMP	17.1	Secure funding for preparation of a WLMP for SSSI in unfavourable declining condition	No of requests from NE	as and when arises	Shirley Pool SSSI submitted, funding on MTP	
			Implementation of WLMP	17.2	Submit PAR, secure funding, arrange plan implementation	No of successful PARs	as and when arises	Shirley Pool funding secured	specification prepared for implementation, tender run North Lincs Council, successful tender process, Haskoning DVK project management, scrub clearance and WL control structure tenders process
			Monitoring water levels	17.3	Throughout life of WLMP	annual hydrograph production	annually throughout life of plan		





<p><b>Key sector: Water Management Outcome 3: Species Priority Action 1.3</b></p>	<p><b>European Eel</b></p>	<p>15</p> <p>Maintain and enhance suitable habitat for European Eel within the drainage district</p>	<p>15.1</p> <p>Review maintenance regimes and identify watercourses where the desilting and weed cutting regime can be altered to enhance and increase European Eel habitat</p>	<p>Length of watercourse surveyed</p>	<p>Annually</p>	<p>Meetings with EA Fisheries to discuss current prioritization and upstream habitat suitability and prioritization of 100% Board owned sites include Bramwith Rands culvert, Kirk Bramwith PS and Blackshaw Clough. Blackshaw Clough removed from priority - unsuitable habitat. Bramwith Rands High Priority with request for compliance plan when result of modelling available.</p>	
			<p>15.2</p> <p>Where suspected sub-optimal habitat for eel undertake eel habitat suitability assessment for specific catchment</p>	<p>No of catchments assessed</p>	<p>Annually</p>		
		<p>17</p> <p>Reduce the impacts of existing barriers to migration on escapement and recruitment</p>	<p>17.2</p> <p>Secure funding to enable prioritisation of existing barriers to migration for mitigation works</p>	<p>Funding secured</p>	<p>On completion</p>	<p>as part of MTP replacement work unless earlier intervention. Costs required to be proportionate to project.</p>	
	<p>17.2</p> <p>Source funding to enable mitigation works and associated pre- and post-project monitoring programme on existing priority structures</p>		<p>Funding secured</p>	<p>On completion</p>			
	<p>16.3</p> <p>Undertake mitigation works on priority structures</p>		<p>Number of structures improved</p>	<p>On completion</p>	<p>as part of MTP replacement work unless earlier intervention triggering Regulation compliance</p>		



<b>Procedural</b>	18	Promote environmental best practice when undertaking all drainage works	18.1	Train IDB employees in environmental best practice	No of staff trained	ongoing		INNS identification sheets issued
			18.2	Publicise examples of environmental best practice	No of articles released	ongoing		
	19	Control culverting of watercourses	19.1	Review land drainage consents and advise appropriately	No of consents reviewed	ongoing		
	20	Improve understanding of species populations present within the drainage district	20.1	Submit all records to local biological recording centres	No of records	ongoing		reported on water vole surveys, owl sighting within district to DMBC



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