

**Scunthorpe and Gainsborough
Water Management Board**

Grange Park Golf Club
Messingham
Scunthorpe, DN17 3PP



Meeting Papers


14 November 2016
2:00pm


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Meeting Papers

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Clerk to the Board

Purpose

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Agenda

1.	Governance	4
1.1	Apologies for Absence.....	4
1.2	Declaration of Interest.....	4
1.3	Minutes of the Meeting held 13 June 2016.....	4
1.4	Matters arising not discussed elsewhere on Agenda	8
1.5	Complaints/FOI requests	8
2.	Clerks Report	9
2.1	Board Website	9
2.2	Policy	9
2.3	Legislation.....	9
2.4	North Lincs. Flood Risk Management Board – EA Update	9
2.5	Defra	10
2.6	Environment Agency.....	10
2.7	Association of Drainage Authorities (ADA).....	10
3.	Financial Report.....	11
3.1	Rating Report.....	11
3.2	Audit.....	11
3.3	List of Payments	12
3.4	Budget Comparison for the year ending 31 March 2017.....	17
3.5	Five-year budget estimate	19
4.	Engineer’s Report.....	21
4.1	Asset Management.....	21
4.2	Planning, pre-application advice and consents	22
5.	Environmental Report	24
5.1	Legislation.....	24
5.2	Biodiversity Action Plan	24
6.	Health and Safety Report.....	25
6.1	Board Employees	25
7.	Representation.....	25
8.	Date of next meeting	25
9.	APPENDIX A: Crop loss payments and maintenance	26
10.	APPENDIX B: BAP Actions to date.....	30

1. Governance

Recommendation:

- Note the information contained in this report

1.1 Apologies for Absence

1.2 Declaration of Interest

1.3 Minutes of the Meeting held 13 June 2016

Present	Adrian Black (Chairman)	AB
	Chris Black	CB
	Dave Barratt	DB
	John Coggan	JC
	Cllr John Collinson	JC2
	Rod Chapman	RC
	Jonathan Jackson	JJ
	Benjamin Jackson	BJ
	David Forrington	DF
	Samuel Godfrey	SG
	Cllr Jeff Summers	JS
	Cllr Margaret Armingier	MA
	Cllr Pat Mewies	PM
	David Templeton	DT

Member of public in attendance

Cllr Dave Oldfield who will replace Cllr Mick Grant

In attendance on behalf of JBA Consulting, Clerk, Engineer and Environmental Officer:

Ian Benn (Clerk)	CI
Craig Benson (Finance Officer)	FO
Paul Jones (Engineer)	Eng
Alison Briggs (Environment Officer)	EO

Apologies for Absence

2016.31 Apologies for absence were received from Cllr Ralph Ogg

Declaration of Interest

2016.32 None

Minutes of the Last Meeting

Minutes of the meeting held 13 June 2016, copies of which had been circulated previously to members were considered by the Board and were agreed as a true record. **Proposed signed by the Chairman by DT, seconded JJ, agreed by all.**

Matters Arising

2016.33 There were no matters arising

Complaints

2016.34 None received

CEO's Report

The CEO's report, copies of which had been circulated to members was considered. The Clerk advised update and expansion on some items.

Members were advised the report was for information with the exception of the Data Sharing Policy and Data Sharing Agreement which required Board approval.

Data Sharing Policy and Agreement

2016.35 DT proposed Board adopt the Data Sharing Policy and Data Sharing Agreement, seconded DF, all in agreement

Board website

2016.36 10 expressions of interest had been received. North Lincs Council procurement team was currently reviewing tenders and will make recommendations to the Board via the Chairman. Costs to this Board would be a proportionate part of the total Shire Group of IDBs cost, expected to be in the region of £800.

Defra

2016.37 Defra is keen the Environment Agency transfers a number of assets and the de-maining of certain rivers/watercourses. Board Engineer Malcolm Muscroft is talking to EA representatives regarding which structures the EA is considering removing from its assets within Board district. Monies will be available initially from Government to bring assets up to standard before transfer but will not make monies available for revenue going forward. In response to Member question regarding watercourses and timescale the Clerk advised further discussion under Agenda item 2.7.4

Environment Agency

2016.38 Isle of Axholme – Clerk advised the Agency is required to transfer a number of assets within 18 months from now with significant rationalisation by 2019/20. Although discussion surrounds wording of “third parties” realistically there is no body other than IDBs capable of taking on responsibility. Other Boards have already entered into detailed dialogue with the EA. Clerk advised this was an opportunity for the Board to be in charge of its own destiny managing water levels. JC advised a once in a lifetime opportunity, the strategy has been known for some time and there is currently the chance to put bids in to attract funding enabling the Board to undertake on watercourses bringing them into the condition required by IDBs and work at outfalls and pumping stations. He requested a report be brought to the November meeting on which assets the Agency wishes to transfer. Chairman advised the importance of bidding for monies or running the risk of bringing assets up to a standard required by the Board at its cost. Clerk advised an opportunity for Boards to look at way it manages certain items, looking at its function within the district more holistically, taking into greater account the environment and WFD which is the main driver of the Catchment Management approach. JS advised Lincolnshire appreciates the amount of work and responsibility IDBs have and the role they play for water level management within the whole of Lincolnshire. The Council has expressed its desire and enthusiasm to work with and be advised by IDBs. Eng. confirmed talks with EA over last year and works had been undertaken in some areas. There had not been only specific discussion on condition but how EA will de-main, advising there is no formal de-maining process as yet but Board can get costings and identify how it can move forward. Clerk confirmed IoA is a pilot de-maining process which will be completed.

ADA

2016.39 FloodEx – Clerk suggested some people it would be hoped in attendance such as Local Authorities were not, he was aware LA's are reluctant to send representatives because of costs associated in attending.

Total Catchment Management

2016.40 Clerk advised TCM illustrated importance of partnership working through LLFA, Water Companies and others. Noted Water Company AMP periods affect

everything they do but they do not precisely align with all bodies. RC advised the ideal of TCM was contained within North Lincs Flood Risk Management Plan

Key Performance Indicators

2016.41 Defra is keen to see KPI's although there has been no specific guidance on what KPI's are required. JS queried movement on KPI Flood Risk Management Strategy. Clerk confirmed IDB strategy is to work with partners. Discussion took place regarding suggestions of flood defence banks being raised to facilitate Lincolnshire Lakes Development. Clerk confirmed EA manages main river flood banks but it was not something on which the Board could comment other than to say there could be the effect of funnelling water elsewhere. Humber Estuary strategy initially was to raise defences to 1:200 standard that would have the effect of flooding Goole. Flood storage areas sensitive issue as it is solely landowners that are affected. Eng. advised Board's role is to manage water levels; pumped systems are designed for rainfall event on catchment ¼ inch run off in 24 hours, insignificant to what is being talked about within the Strategy. EA looks at probability based on historic, current known events and future predications of climate change. JC noted EA is now looking at Humber, Tidal Trent and IoA as one unit in terms of strategy. Further discussion and query regarding the extent of Estuary.

Financial Report

The Financial Report, copies of which had been circulated to members was considered.

Matters Arising

- 2016.42** Rating Report – As at 31 March only £260 arrears, balances are now down from £1,000's to £100's. this year's rate demands have been issued and 50% of rates and special levies have already been collected.
- 2016.43** Audit – Internal Audit – The report had been received that morning, no issues for concern and would be presented at the November meeting
- 2016.44** Annual Governance Statement – **JJ proposed Board approval of Section 1 of the Annual Return, seconded DT, all in agreement**
- 2016.45** List of Payments – Members agreed list of payments from account totalling £152,147.86, £60,589.50 of which had been approved by the Clerk. **DT proposed a true record of payments for signature by Chairman, seconded JS, all in agreement.**
- 2016.46** Accounts for y/e 31 March 2016 – FO reported most items of expenditure were as budgeted for with the exception of bank interest which was substantially less than expected. Surplus on year of £45,000 which will go forward to assist the capital replacement programme.
- 2016.47** Statement of Accounts – Members noted pumping station costs slightly higher than budget. Susworth had received work on the transformer that had not been budgeted however the outturn was close. JC requested a balance on accounts to be provided at each meeting. **JS moved approval of the accounts.**
- 2016.48** Account Statement – **BJ proposed approval of Section 2 of the Account Statement, seconded CB, all approved.**
- 2016.49** Five-year budget estimate – it was noted the Board reserve policy requires 50% of annual expenditure reserved. Ravensfleet work proposed linking catchments, it is hoped the findings will show the proposal feasible which will mean efficiencies made from the mothballed catchments.
- 2016.50** Additional financial information – members noted with interest the pump station expenditure broken into cost per hectare. JC noted the Board's drainage rate had not risen in line with inflation suggestion it not necessarily prudent particularly as the Board may be required to undertake more work

Engineer Report

The Engineer Report, copies of which had been circulated to members with the Meeting papers, was considered. The Engineer advised his report for information with some updates

Matters Arising

- 2016.51** Ravensfleet PS - progress had been made, the surveys completed and modelling underway. There was an intention to hold an open day at the pump station for Board Members and landowners within all affected catchments. Results of model would be available together with various options. Whoofer and Jenny Hurn may be brought into Ravensfleet and the Great Catchwater Drain linked in.
- 2016.52** M&E Recommendation – North Lincs Council drainage and pump station teams which manages 25 pumping stations had requested the Coal Authority and the Shire Group of IDBs which manage 136 pump stations participate in procurement of a M&E framework to access M&E engineers for pump and panel refurbishment. Eng. advised issues can be created through constraints within the financial regulations meaning a pump can get passed from contractor to contractor wasting time and potentially putting at risk the catchment for the time the pump is out of commission. Use of the framework will improve delivery times, reduce risk to the catchment and provide best value for money for the Coal Authority, the LLFA and IDB. Once the framework is in position there will be no need to further investigate rates of work. Eng. also advised some contractors may be considering retirement and the Board needs to widen its net of available resource. **DT proposed the Board participate in M&E framework subject to soft market testing and provide assurances the Board will commit to the Contract when finalised, seconded AB, all in agreement.**
- 2016.53** PSCA – more works were coming in however details not yet finalised. CB declared an interest querying work done to date and the issues surround land in proximity to his land holding have not been addressed. Eng. advised work approximately 50% completed, a further £6,000 work is anticipated and the Board would be looking to EA for contributions.

Environment

The Environmental Report, copies of which had been circulated to members with the Meeting papers, was considered. EO confirmed report was for information with updates regarding item 5.3 Biodiversity Action Plan

Matters arising

- 2016.54** BAP Actions – EO advised members the Barn Owl boxes had arrived and been collected by Board employee who would erect them in previously agreed sites.
- 2016.55** BAP – with reference to the current BAP, EO advised ADA was looking at ways to align work done by IDBs under their BAPs to provide information for Defra on how IDBs contribute to delivery of government aims and objectives of the Biodiversity 2020 report. EO advised it may mean tweaking the current BAP to include more detailed reference to this.

Health & Safety

The Health and Safety Report, copies of which had been circulated to members with the Meeting papers, was noted by the Board.

Representation

- 2016.56** Members noted the fora on which the Board had been represented

AOB

- 2016.57** JC requested an Agenda item for the next meeting regarding compensation/crop loss payments for Board access onto farmland for maintenance or reforming works advising this would smooth access year round and ensure Board work was not impeded. Chairman agreed the Agenda item.

Date of Next Meetings

- 2016.58** 14 November 2016, 6 February 2017, 12 June 2017, 13 November 2017 all commencing 2.00pm Grange Golf Club, Messingham.
- 2016.59** Meeting closed 15.15

1.4 Matters arising not discussed elsewhere on Agenda

2016.41 KPIs– The extent of the Humber Estuary down the Trent is to the A18 bridge at Gunness, along the Ouse it is to the A614 bridge at Boothferry. Estuaries are defined as the downstream part of a river valley, subject to the tide and extending from the limit of brackish water. There is a gradient of salinity from freshwater in the river to increasingly marine conditions towards the open sea.

1.5 Complaints/FOI requests

Correspondence received from Natural England regarding complaint made 2015 by landowner relating to alleged rabbit infestation Healey's Drain.

Response to NE advised the Board considered it had taken all reasonable steps to ensure the control of rabbit in that area.

2. Clerks Report

Recommendation:

- **Note the information contained in this report**

2.1 Board Website

The website is being populated following initial formatting issues

2.2 Policy

2.2.1 IDB function, access for maintenance, crop loss payments

Minute 2016.57 agreed subject discussion.

Land Drainage Act 1991 (as amended) S14(5) provides “*Where injury is sustained by any person by reason of the exercise by a drainage board or local authority of any of their powers under this section, the board or authority shall be liable to make full compensation to the injured person and 14(6) In case of dispute, the amount of the compensation payable under subsection (5) above shall be determined by the Upper Tribunal*”.

This requires proof of injury to profit by landowner in support of a claim.

The Board maintains 153 km of watercourse within its district, of 273 ratepayers approximately 50 have drains maintained at public expense.

Greatest length of single riparian drains maintained by Board:

Messingham District 5.5km of watercourse.
Scunthorpe District 5km of watercourse
Gainsborough District 10km of watercourse

Employee and Contractors experience difficulties accessing drains for maintenance including locked gates, fencing, and cropping. This results in inefficient working and potential compensation events for return visits. To avoid revisits contractors may choose to start maintenance in October rather than July to avoid return visits. This may result in complaints to the Board.

Board consideration are:

- **Maintain as Present** with benefits and disadvantages for the Board, Stakeholders and the wider District
- **Permanent Access** with benefits and disadvantages for the Board, Stakeholders and the wider district

More detail for discussion including options table is provided at Appendix A.

2.3 Legislation

Nothing to report.

2.4 North Lincs. Flood Risk Management Board – EA Update

Presentation by Rod Chapman

2.5 Defra

Nothing to report

2.6 Environment Agency

2.6.1 Humber Flood Risk Management

The Environment Agency presentation has been circulated with the meeting papers

2.6.2 The Isle of Axholme Strategy

Defra is clear its pilot projects including the Isle of Axholme Strategy will be implemented. Initial funding is being made available for revenue. This represents one-off fund stream.

2.7 Association of Drainage Authorities (ADA)

2.7.1 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

2.7.2 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

3. Financial Report

Recommendations:

- Note the information contained in this report
- Approve the schedules of payments

3.1 Rating Report

Details of the Rates and Special Levies issued and payments received up to and including 24th October 2016:-

	£	£
Balance Brought forward at 1 April 2016		259.42
2015/2016 Drainage Rates and Special Levies		
Drainage Rates		134,980.49
Special Levies		
North Lincolnshire Council	254,391.00	
West Lindsey District Council	57,496.00	311,887.00
Total Drainage Rates Due		<u>447,126.91</u>
Less Paid:-		
Drainage Rates		111,472.95
Special Levies		
North Lincolnshire Council	127,195.50	
West Lindsey District Council	28,748.00	155,943.50
Total Drainage Rates Paid		<u>267,416.45</u>
Balance Outstanding as at 24th October 2016		<u>179,710.46</u>
Messingham £8,286.30		
Scunthorpe £8,565.46		
Gainsborough £6,815.20		

3.2 Audit

3.2.1 Internal Audit

The report accompanies the papers as a separate document

3.2.2 Internal Audit Review Meeting

The meeting will take place on 28 November at JBA Consulting, Epsom House, Doncaster and will commence at 10:00am.



3.2.3 External Audit

The external audit of the Board's financial statements is now complete. No matters gave them cause for concern that the relevant legislation and regulatory requirements had not been met. The did make an observation that one of the bank statements submitted was not at the year-end date. Even though the balances were the same, they have requested that year end bank statements are obtained and used in the future.

3.3 List of Payments

3.3.1 List of Cheques

DATE	CHEQUE NO.	PAYEE	DESCRIPTION	TOTAL CHEQUE £
May 9th	000072 24	ADA Trent Branch	Conference Fees	120.00 *
23rd	000073 23	Stuart Appleyard	Ravensfleet PS- Water Bill	222.43 *
Jul 27th	000074 233	Danvm Drainage Commissioners	PA Mobile Telephone & Legal Advice	374.94 *
28th	000075 50	Leonard Garner	Ravensfleet PS – Water Connection	40.00 *
Sep 28th	000076 107	Stuart Appleyard	Ravensfleet PS- Water Bill	155.41 *
Total Amount of all Cheques				<u>912.78</u>
* Total Amount of Cheques sent out signed by the Clerk & Engineer Only				912.78

3.3.2 List of Payments made direct from the bank account

	DATE	REF	Payee	Description	Amount	
	2016				£	
May	10th	-	Remote Asset Management	Vehicle Tracking	21.60	*
	12th	229	Doncaster East IDB	Bank Charges	15.15	*
		15	Integrated Utility Services	Lysaghts PS - High Voltage Operation	740.89	*
		17	Perry's Pumps Ltd	Lysaghts PS Pumps Inspection	1,500.00	*
		227	Vodafone	Telemetry Lines	61.92	*
	12th	-	HMRC	PAYE/NI	381.39	*
	13th	53	Fuel Genie	Fuel Account	90.00	*
	16th	d/d	Natwest	Bankline Fees	38.90	*
	17th	64	Watson Petroleum	Gas Oil	515.02	*
		-	Iris Business Software Ltd	Auto-Enrolment Fees	8.04	*
		-	Iris Business Software Ltd	Open Payslips	3.60	*
		22	Woldmarsh Produces Ltd	Supply to Susworth PS	755.16	*
				Supply to Burringham PS	2109.14	*
				Supply to Lysaghts PS	1917.78	*
				Supply to East Butterwick PS	637.5	*
				Supply to Black Bank PS	598.9	*
				Supply to Flixborough PS	111.78	*
				Supply to Jenny Hurn PS	1035.66	*
				Membership Charge	278.89	*
		-	Wireless Logic Ltd	Vehicle Tracking	2.40	*
	26th	-	Employee	Wages	1,119.61	*
		-	B&CE HSM Ltd	Pension Contributions	24.82	*
	31st	-	Natwest	Bank Fees	24.04	*
Jun	7th	230	Ancholme IDB	Share of Foreman's Costs 2015/2016, etc.	20,337.96	*
		16	Towergate Insurance	Insurances	13,070.64	
		228,19	Ebsford Environmental Ltd	River Eau Scotter- Improvement Works	70,721.80	
		18	JBA Consulting	Implementation of Biodiversity Action Plan	1,858.25	
	9th	232	H Mell & Son	Tractor Maintenance	477.20	*
		20,21	Perry's Pumps Ltd	East Butterwick PS Valve Repair	1,440.00	*
				Burringham PS Siphon Breaker Service	1,231.20	*
		18	Vodafone	Telemetry Lines	62.10	*
		-	HMRC	PAYE/NI	352.96	*
		-	Remote Asset Management Ltd	Vehicle Tracking	21.60	*
	10th	-				
	14th	54	Fuel Genie	Fuel Account	133.00	*
	15th	-	Natwest	Bankline Fees	34.90	*
	16th	33	Public Works Loan Board	Loan Repayment	37,899.09	*
	20th	41	Woldmarsh Produces Ltd	Supply to Susworth PS	617.66	*
				Supply to Burringham PS	1485.4	*
				Supply to Lysaghts PS	1600.67	*
				Supply to East Butterwick PS	568.3	*
				Supply to Black Bank PS	547.66	*
				Supply to Flixborough PS	119.86	*
				Supply to Jenny Hurn PS	910.74	*
				Supply to Ravensfleet PS	3793.4	*
				Telemetry Lines & Mobile Telephone	122.39	*
	21st	-	Iris Business Software Ltd	Auto-enrolment Fees	8.04	*
		-	Iris Business Software Ltd	Open Payslips	3.60	*
		-	Wireless Logic Ltd	Vehicle Tracking	2.40	*
		42	Anglian Water	New Water Connection Deposit	1,658.40	*
		-	Employee	Wages	1,157.37	*
		-	B&CE Holdings	Pension Contributions	25.83	*



	30th	-	Natwest	Bank Fees	14.90	*
Jul	5th	31	Anglian Water	Jenny Hurn PS- Water Supply	13.31	*
		32	Anglian Water	Susworth PS- Water Supply	14.15	*
		38	Brodericks GBC	Internal Audit Fee	1,278.00	*
		27	Controlstar Systems	Telemetry Maintenance Contracts	1,146.00	*
		26	H Mell & Son	Ravensfleet PS Maintenance, etc.	363.47	*
		40	Lyons of Gainsborough Ltd	Tools & Equipment	21.03	*
		28	NPower Yorks Ltd	Susworth PS – Annual Meter Fee	474.00	*
		37	Perry's Pumps Ltd	Black Bank PS Pump Inspection	1,860.00	*
		30	Schofield Sweeney	Legal Advice- Removal of Life Buoys	420.00	*
		29,43	Vodafone	Telemetry Lines	122.94	*
		25	W Barratt & Sons Ltd	Pump Station Maintenance (Spraying)	600.00	*
		34	WB Pettitt & Son	General Maintenance	402.00	*
		39	Wildlife Conservation Partnership	Barn Owl Nest Boxes	507.60	*
	11th	-	Remote Asset Management	Vehicle Tracking	21.60	*
	13th	55	Fuel Genie	Fuel Account	111.78	*
	15th	35	Ebsford Environmental Ltd	PSCA- Messingham Drain Improvements	21,549.60	
		44,49	JBA Consulting	Ravensfleet to Susworth Strategic Study	11,276.40	
				1/4 Salary & Expenses	11,048.53	
		-	Natwest	Bankline Fees	36.50	*
	20th	52	Woldmarsh Produces Ltd	Supply to Susworth PS	380.93	*
				Supply to Burringham PS	673.8	*
				Supply to Lysaghts PS	927.97	*
				Supply to East Butterwick PS	235.07	*
				Supply to Black Bank PS	289.72	*
				Supply to Flixborough PS	94.69	*
				Supply to Jenny Hurn PS	469.18	*
				Supply to Ravensfleet PS	1165.07	*
				Supply to Whoofer PS	524.5	*
				Supply to Pauls Malt PS	65.69	*
				Telemetry Lines & Mobile Telephone	34.35	*
	21st	-	Iris Business Software Ltd	Auto-enrolment Fees	8.04	*
		-	Iris Business Software Ltd	Open Payslips	3.60	*
		-	Wireless Logic Ltd	Vehicle Tracking	2.40	*
		-	HMRC	PAYE/NI	378.39	*
		-	Employee	Wages	1,119.81	*
		-	B&CE	Pension Contributions	24.82	*
	28th	47	Grange Park	Meeting Room	80.00	*
		51	H Mell & Son	Susworth PS Maintenance- New Hand Rail	1,960.58	*
		46	Hewitt Plant Hire Ltd	General Maintenance- Remove brush & Dig Trench	1,548.00	*
		45	Lincoln Electrical Services	Ravenfleet PS/ Jenny Hurne PS Breakdown & Repairs	380.16	*
		48	Perry's Pumps Ltd	Pump Station Mechanical Inspections	1,290.00	*
		72	Vodafone	Telemetry Lines	61.56	*
	29th	-	Natwest	Bank Fees	11.63	*
Aug	4th	65	Watson Petroleum	Gas Oil	566.47	*
	10th	63	Public Works Loan Board	Loan Repayment	8,148.65	*
		-	Remote Asset Management	Vehicle Tracking	21.60	*
	12th	66	Watson Petroleum	Gas Oil	382.08	*
	15th	77	Fuel Genie	Fuel Account	89.00	*
		-	Natwest	Bankline Fees	41.70	*
	18th		Bell Waste Control	Various PS Mixed Waste Disposal	1,167.23	
		75	DC Bichan	Drain Clearance	360.00	
		76	Ebsford Environmental Ltd	Retention Monies	3,170.50	

	74	GBM Waste Management	Burringham PS- Asbestos Removal	1,182.00	
	73	Lincolnshire Wildlife Trust	GLNP Service Level Agreement	300.00	
	-	Employee	Wages	1,175.75	*
	-	B&CE Holdings	Pension Contributions	26.33	*
22nd	-	Iris Business Software Ltd	Auto-enrolment Fees	8.04	*
	-	Iris Business Software Ltd	Open Payslips	3.60	*
	79	Woldmarsh Produces Ltd	Supply to Susworth PS	325.88	*
			Supply to Burringham PS	567.41	*
			Supply to Lysaghts PS	1107.43	*
			Supply to East Butterwick PS	375.34	*
			Supply to Black Bank PS	237.5	*
			Supply to Flixborough PS	110.79	*
			Supply to Jenny Hurn PS	223.09	*
			Supply to Ravensfleet PS	1005.98	*
			Member Charge	301.91	*
			Telemetry Lines & Mobile Telephone	49.10	*
	-	Wireless Logic Ltd	Vehicle Tracking	2.40	*
24th	-	HMRC	PAYE/NI	352.76	*
31st	-	Natwest	Bank Fees	9.00	*
Sep 1st	92	ADA Lincolnshire Branch	Contribution to Lincolnshire Show	250.00	*
	91	Anglian Water	Susworth PS- Water Supply	12.88	*
	86	Evans Halshaw	Vehicle Part	12.17	*
	88	ID Spares & Services Ltd	East Butterwick PS- Repair Weedscreen	398.39	*
	93	Lincoln Electrical Services	Various PS Electrical Inspection	4,480.80	*
	89	Lyons of Gainsborough Ltd	Tools & Equipment	9.06	*
	87	Vodafone	Telemetry Lines	9.80	*
	-	Remote Asset Management Ltd	Vehicle Tracking	21.60	*
12th	-				
13th	96	Fuel Genie	Fuel Account	84.00	*
15th	94	Anglian Water	Jenny Hurn PS- Water Supply	12.75	
	112	Controlstar Systems	Telemetry Maintenance Contracts	1,146.00	
		Danvm Drainage Commissioners	Lone Worker Monitoring, PA Mobile Telephone & Legal Advice etc.	406.92	
	102	Doncaster East IDB	Cardnet Fees, etc.	28.28	
	90	JBA Consulting	Ravensfleet to Susworth Strategic Study	5,031.60	
	-	Natwest	Bankline Fees	35.70	*
	-	Employee	Wages	1,261.47	*
	-	B&CE Holdings Ltd	Pension Contributions	28.62	*
20th	105	Woldmarsh Produces Ltd	Supply to Susworth PS	286.4	*
			Supply to Burringham PS	463.39	*
			Supply to Lysaghts PS	901.81	*
			Supply to East Butterwick PS	78.61	*
			Supply to Flixborough PS	285.78	*
			Supply to Jenny Hurn PS	190.69	*
			Supply to Ravensfleet PS	658.69	*
			Telemetry Lines	46.20	*
	104	Watson Petroleum	Gas Oil	667.40	*
21st	-	Iris Business Software Ltd	Auto-enrolment Fees	8.04	*
	-	Iris Business Software Ltd	Open Payslips	3.60	*
	-	Wireless Logic Ltd	Vehicle Tracking	2.40	*
	-	HMRC	PAYE/NI	390.83	*
23rd	99	Public Works Loan Board	Loan Repayment	3,524.80	*
28th	106	Lyons of Gainsborough Ltd	Gas Oil	61.20	*
	110	W Barratt & Sons Ltd	Pump Station Maintenance - Spraying	600.00	*
	109	WB Pettitt & Son	Debris Removal	126.00	*



	30th	-	Natwest	Bank Fees	8.92	*
Oct	10th	111	DC Bichan	Contract Maintenance	29,011.28	
		113-116	Ebsford Environmental Ltd	River Eau Scotter- Improvement Works	36,678.21	
		117	H Mell & Son	Tractor & Flail Mower Parts	256.32	
		108	JBA Consulting	Ravensfleet to Susworth Strategic Study	3,632.40	
		112	PKF Littlejohn LLP	Audit Fee 2015/16	1,560.00	
		-	Remote Asset Management Ltd	Vehicle Tracking	21.60	*
	13th	123	Fuel Genie	Fuel Card	91.00	*
		-	Employee	Wages	1,380.07	*
		-	HMRC	PAYE/NI	449.37	*
		-	B&CE Holdings	Pension Contributions	31.81	*
	17th	-	Natwest	Bankline Fees	39.30	*
	20th	121	Woldmarsh Produces Ltd	Supply to Susworth PS	220.74	*
				Supply to Burringham PS	459.4	*
				Supply to Lysaghts PS	875.78	*
				Supply to East Butterwick PS	81.97	*
				Supply to Flixborough PS	120.73	*
				Supply to Jenny Hurn PS	82.49	*
				Supply to Ravensfleet PS	379.37	*
				Supply to Black Bank PS	93.52	*
				Supply to Pauls Malt PS	27.01	*
				Supply to Woofer PS	99.86	*
				Telemetry Lines & Mobile Telephone	80.07	*
	21st	-	Iris Business Software Ltd	Auto-enrolment Fees	8.04	*
		-	Iris Business Software Ltd	Open Payslips	3.60	*
		-	Wireless Logic Ltd	Vehicle Tracking	2.40	*

Total **353,799.06**

*** Total amount of direct debits and payments approved by the Clerk Only** **140,330.35**

3.4 Budget Comparison for the year ending 31 March 2017

Approved Estimate		Actual To Date		31 October 2016	2016/17 %
£	£	£	£		
INCOME					
134,748		134,980	111,473	Drainage Rates on Agricultural Land: -	82.73%
				Special Levies	
57,496		28,748		West Lindsey District Council	50.00%
254,391		127,196		North Lincolnshire Council	50.00%
Other Income: -					
40,000		40,786		Foreign Water Contribution (FWC)	101.97%
0		9,000		PSCA contribution	0.00%
900		118		Other Income	13.11%
<u>200</u>	487,735	<u>63</u>	340,890	Interest, etc.	31.33%
EXPENDITURE					
New Works: Loan Charges: -					
90,616		33,634		Existing	37.12%
New: -					
0		0		Board Loans	0.00%
8,530		4,265		Environment Agency Loans	50.00%
Administration: -					
36,215		26,703		Management Fees	73.73%
25,000		22,072		Other Administration Expenses	88.29%
Works Maintenance: -					
43,200		11,015		Wages & Other Shared Costs	25.50%
91,500		28,135		Maintenance Contracts	30.75%
30,000		2,334		Drain Maintenance (Silt Removal Lysaghts)	7.78%
21,000		0		Telemetry Contract	0.00%
29,000		17,958		Asset Condition Study, EA Main Rivers & flood Damage	61.92%
0		0		Repairs	0.00%
4,000		2,222		Cottages	0.00%
12,500		2,335		Biodiversity Action Plan	55.54%
				Plant and Vehicles	18.68%
<u>126,300</u>	<u>517,861</u>	<u>48,839</u>	<u>199,511</u>	Pumping Stations, etc.	38.67%
	(30,126)		141,379	Surplus - (Deficit)	
	<u>333,396</u>		<u>361,493</u>	Balance Brought Forward	108.43%
	<u>0</u>		<u>0</u>	Transfer to NW&P Account	
	<u>303,270</u>		<u>502,872</u>	Balance Carried Forward	165.82%

NEW WORKS AND PLANT ACCOUNT

2016/17

Approved Estimate		Actual To Date			%
£	£	£	£		£
<u>INCOME</u>					
0		0		Transfer from Revenue Account	0.00%
200		0		Interest	0.00%
0		0		Ravensfleet to Susworth Study	0.00%
0		85,000		River Eau - Scotter Improvement Scheme	0.00%
100,000		0		PWLB Loan	0.00%
323,000		15,500		Grant Income	0.00%
<u>0</u>	423,200	<u>0</u>	100,500	Sale of Cottages	0.00%
<u>EXPENDITURE</u>					
573,000		0		Ravensfleet PS Refurbishment	0.00%
0		21,182		Ravensfleet to Susworth Study	0.00%
0		57,954		River Eau - Scotter Improvement Scheme	0.00%
<u>0</u>	<u>573,000</u>	<u>0</u>	<u>79,136</u>	Pauls Malt PS Refurbishment	0.00%
(149,800)		21,364		Surplus - (Deficit)	-14.26%
	<u>253,267</u>		<u>255,966</u>	Balance Brought Forward	101.07%
	<u>103,467</u>		<u>277,330</u>	Balance Carried Forward	268.04%

3.5 Five-year budget estimate

SG WMB Budget Plan		0	1	2	3	4	5
	2016/17	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
	App	Estimated Out turn					
Income & Expenditure Account	Budget						
	£	£	£	£	£	£	£
Income							
Drainage Rates	134,748	134,748	134,748	134,748	134,748	138,598	142,448
Special Levies	311,887	311,888	311,888	311,888	311,888	320,799	329,710
Rental Income	-	400	400	400	400	400	400
Foreign Water Contribution	40,000	40,000	40,000	40,000	40,000	40,000	40,800
Other Income	900	900	927	955	983	1,013	1,043
Bank Interest	200	200	500	1,500	1,500	2,000	2,000
Total Income	487,735	488,136	488,463	489,491	489,519	502,810	516,401
Expenditure							
Drain Maintenance (Silt Removal)	30,000	-	30,000	-	-	-	-
Management Fees	36,215	36,215	37,120	38,048	39,000	39,975	40,974
Other Administration	25,000	25,000	30,000	30,000	30,000	30,000	30,000
Maintenance of Drains	91,500	91,500	93,330	95,197	97,101	99,043	101,023
Maintenance of Pumping Stations	126,300	126,695	129,229	131,813	134,450	137,139	139,882
Telemetry Contract	21,000	-	21,000	21,000	21,000	21,000	21,420
Biodiversity Action Plan etc	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Revenue Maintenance	29,000	29,000	-	-	-	4,500	4,500
Wages and other costs	43,200	43,200	44,064	44,945	45,844	46,761	47,696
Plant and Vehicles	12,500	12,500	12,500	12,500	12,500	12,500	12,500
Loan Repayments:-	99,146	99,145	99,145	99,145	99,145	99,145	99,145
Possible New Loans	6,200	6,179	6,179	6,179	6,179	24,715	24,715
Total Expenditure	524,061	473,434	506,567	482,828	489,218	518,777	525,855
Surplus/(Deficit)	(36,326)	14,702	(18,104)	6,663	302	(15,967)	(9,454)
Balance Brought Forward	333,396	361,491	376,193	358,089	364,752	365,054	349,087
Contribution to NW&P Account	-	-	-	-	-	60,000	40,000
Balance Carried Forward	297,070	376,193	358,089	364,752	365,054	349,087	339,633
New Works and Plant Account	103,467	240,859	51,109	21,109	15,109	38,109	28,109
Penny Rate in £	8.75p	8.75p	8.75p	8.75p	8.75p	9.00p	9.25p
Penny Rate £51,069	76%	130%	81%	80%	78%	67%	65%
I&E Balance as % of Expenditure	57%	79%	71%	76%	75%	67%	65%

	2016/17	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22
	App	Estimated Out turn					
New Works and Plant Account	Budget						
	£	£	£	£	£	£	£
Income							
Transfer from I&E		-	-	-	-	60,000	40,000
Interest	200	200	250	-	-	-	-
Loan	100,000	-	100,000	-	-	300,000	
Possible Grant Income	323,000	-	323,000	-	-	131,000	
Local Levy (Ravensfleet PS ref)		15,000					
Ravensfleet to Susworth Strategic Study		-					
River Eau - Scotter Improvement Scheme		85,000					
Sale of Cottages		-	-	-	-		
Total Income	423,200	100,200	423,250	-	-	491,000	40,000
Expenditure							
Catchment Modelling		-	-	-			50,000
New Tractor & Flail		-	-	30,000	-		
New 4x4 vehicle		-	20,000	-	-		
Jenny Hum PS refurbishment		-	-	-	-	251,000	
Ravensfleet PS Refurbishment	573,000	-	593,000				
Ravensfleet to Susworth Strategic Study		30,307					
Whoofer PS Refurbishment		-	-	-	3,000	67,000	
Susworth PS Refurbishment		-	-	-	3,000	150,000	
River Eau - Scotter Improvement Scheme		85,000					
Total Expenditure	573,000	115,307	613,000	30,000	6,000	468,000	50,000
Surplus/(Deficit)	(149,800)	(15,107)	(189,750)	(30,000)	(6,000)	23,000	(10,000)
Balance Brought Forward	253,267	255,966	240,859	51,109	21,109	15,109	38,109
Balance Carried Forward	103,467	240,859	51,109	21,109	15,109	38,109	28,109

4. Engineer's Report

Recommendations:

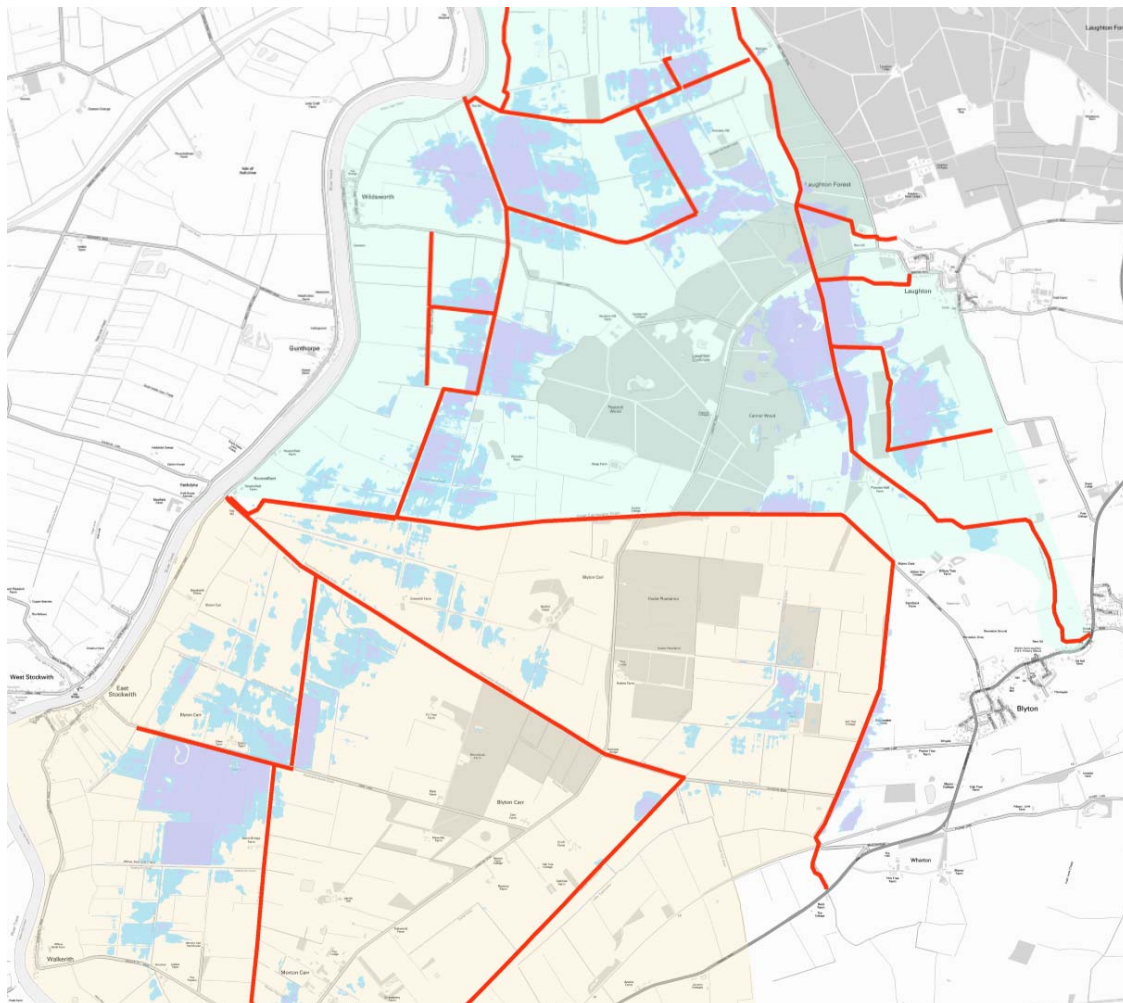
- To note the information within this report.

4.1 Asset Management

4.1.1 Ravensfleet Pumping Station

All survey and base modelling has been completed with an "open day" planned for 2nd November at Ravensfleet Pumping Station to put forward initial options for the rationalisation of the Ravensfleet, Whoofer, Jenny Hurn and Susworth catchments, and seek feedback on the options and general maintenance of the area from catchment users.

Below is the first iteration of the 1in100 year flood outline with all pumps operational for information:



Invitations have been sent to all owner/occupiers within the catchments and Board Members and will be attended by the Boards Pump Attendant, Engineer & Technical Director, Asset Manager, and representatives from the Environment Agency.

4.1.2 Ordinary Watercourses

Northern Area Watercourse Maintenance Contract (Messingham, Scunthorpe, Burringham)

Flailing & Deseeding in the northern region commenced in early August and is substantially complete, with no major issues.

Southern Area Watercourse Maintenance Contract (Gainsborough)

Flailing in the southern region commenced late August with deseeding following in mid-September and the pumped sections are substantially complete, with no major issues, apart from continuing access problems related to Lea Marsh. The surrounding gravity / highland catchments are expected to be completed within the next few weeks.

We have worked with the Forestry Commission and the land agents for Meynell Estates who have accepted their riparian responsibilities and undertaken tree removal maintenance of the wooded sections of Laughton Beck to provide improved access for the IDB in future.

4.1.3 Pumping Stations

No issues have arisen for the attention of the Board.

4.1.4 Main River (Public Sector Cooperation Agreements)

A revised Schedule 3 has been submitted for approval of the EA to include Messingham Catchment (from Messingham crossroads to Emmisons Dyke), Emmisons Dyke, and downstream of the bank widening works on the River Eau to the River Trent.

4.2 Planning, pre-application advice and consents

4.2.1 Planning Applications

Planning applications have been reviewed on a weekly basis and 17no. applications have required comment on behalf of the board between 24th May and 31st October 2016. All other applications reviewed relate to discharge into mains sewers and/or soakaway systems.

Planning Ref	Proposal	Address	Applicant	Work is, on, under or within 3m (7m SAIDB) of an Ordinary	Alteration to surface water discharge or discharge	Consent Form and Information provided?
				Yes/No	Yes/No	Yes/No
135001	Planning application for rear extension, internal alterations and replacement garage.	32, Field Lane, Morton, Gainsborough,	Mr & Mrs Mark Schofield-Lingard	no	yes	yes
134967	Planning application for attic conversion and change of material to front elevation of property	8 Bycroft Road, Morton, Gainsborough	Mr & Mrs Hoyles	no	no	yes
134824	Outline planning application for the development of up to 43no. dwellings, with access to land to the west of Horsley Road, Gainsborough to be considered and not reserved for subsequent applications.	Land to the West of Horsley Road, Gainsborough, DN21 2TD	Thonock and Somerby Estates	no	yes	yes
134677	Outline planning application to erect up to 51no. dwellings with access to be considered and not reserved for subsequent applications	Land West of North Moor Road, Scotter, Gainsborough, DN21 3HT	Smiths Distribution Limited	no	yes	yes
PA/2016/337	Outline planning permission to erect dwellings with access, landscaping and layout not reserved for subsequent approval	Gleadells Mill, Station Road, Kirton in Lindsey, DN21 4BD	J & S Metals Ltd, C/O Agent	no	yes	yes
134684	Planning application to construct two storey side extension including single storey porch enclosure at front	30, Heapham Road, Gainsborough, Lincolnshire, DN21 1SW	Mrs Alison Aisthorpe	no	yes	yes
134572	Planning application for ground floor extension to rear	2, Green Lane, Lea, Gainsborough, DN21 5JW	Mr I James	no	yes	yes
134439	Planning application to erect 1no. detached and 1no. attached extensions to the existing cattery, in two phases.	Leawood Cattery, Lea Wood Farm, Gainsborough Road, Lea, Gainsborough, DN21 5JP	Mr Barnaby Robinson	no	yes	yes
134390	Conversion and extension of existing water tower to form 1no. dwelling and erection of 2no. further dwellings with associated landscaping and vehicular access	Site at, Cox's Hill, Gainsborough, Lincolnshire	Mr Simon Stuart	no	yes	yes
134533	Outline planning application for 1no. dwelling-all matters to be reserved for subsequent applications	45 Middle Street, Corringham, Gainsborough	Mrs Innes	no	yes	yes
134435	development of 1no. dwelling with garage following outline planning permission 133181 granted 15 September 2015	Land to the rear of, 11 High Street, Blyton,	Mr Stuart Otter	no	yes	yes
PA/2016/762	Planning permission for the erection of a replacement livestock unit (building 1 of 2)	Bridge Farm, Ings Road, Kirton in Lindsey,	ARN, ARN Services	no	no	yes
PA/2016/765	Planning permission for the erection of a replacement livestock unit (building 2 of 2)	Bridge Farm, Ings Road, Kirton in Lindsey,	ARN, ARN Services	no	no	yes
134436	Planning application for proposed garden room extension	23b, Charles Avenue, Scotter, Gainsborough, Lincolnshire,	Mr & Mrs Copperwheat	no	no	yes
134264	Planning application to erect 2no. retail units with associated car parking and servicing, including the demolition of existing building.	Crown House, Heaton Street, Gainsborough, Lincolnshire,		no	no	yes
134361	Planning Application for change of use of residential bungalow (class use C3) to a preschool nursery (class use D1)	119 High Street, Scotter Gainsborough		no	no	yes
134332	to erect a 4 storey block of 17no. Apartments with associated access and car parking - resubmission of 131913	Land on the corner of Spital Terrace & North Street.		no	no	yes

4.2.2 Land Drainage Act 1991 Section 23 and 66 (Byelaws) Consents

1no. consent has been issued on behalf of the Board between 24th May and 31st October 2016.

Applicant	Location	Proposal	Permanent / Temporary Works	Approved/Ref used/ other	Date
Persimmon Homes - Andrew Carter	Ashby Golf Course, Burringham Road, Scunthorpe	Culverting of existing ditch to allow construction of a pond.	Permanent	Approved	07.07.2016

4.2.3 Extended District Consents (Land Drainage Act 1991 Section 23)

No consents have been issued on behalf of the Board between 24th May and 31st October 2016.

5. Environmental Report

Recommendation:

- Note 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 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". Unfortunately, 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 have to be identified.

5.2 Biodiversity Action Plan

Actions to date can be viewed at Appendix B

6. Health and Safety Report

Recommendations:

- To note the information contained in the report

6.1 Board Employees

6.1.1 Accidents and Incidents

There are no accidents or incidents to report involving either the Board employee or contractors

6.1.2 Lone Worker Arrangements

The effectiveness of the current system has now been confirmed.

6.1.3 ADA T&E Report

7. Representation

The Board is represented at a number of fora:

Environmental	Flood Risk Management	Other
Humberhead Levels Steering Group	Humber Flood Risk Management Steering Group	ADA Technical & Environment Committee
Humberhead Levels Partnership Group	Isle of Axholme Implementation Group	ADA Policy & Finance Committee
EA/ADA Eel Liaison Group	EA - CIRIA Partnership Funding Opportunities	
Defra/ADA EIA (Land Drainage Improvement Works) Regulations		

8. Date of next meeting



9. **APPENDIX A: Crop loss payments and maintenance**



OPTIONS	BOARD ADVANTAGES	BOARD DISADVANTAGES	STAKEHOLDER ADVANTAGES	STAKEHOLDER DISADVANTAGES	OTHER BENEFITS or DISADVANTAGES
<p>Maintain as present</p>	<ul style="list-style-type: none"> Employee and Contractors deliver consistency of maintenance management throughout the District 	<ul style="list-style-type: none"> Inefficient working, time consuming for employees, additional costs associated with Contractor repeat visits to an area to accommodate landowners. Later start for maintenance to avoid standing crop - complaints Issues associated with locked gates, key availability, fencing restricting access for maintenance Issues associated timing of harvest, small window of opportunity between crop harvesting and re-planting Potential for employee and contractor exposure to threatening behaviour from landowners – Duty of Care owed by Board 	<ul style="list-style-type: none"> Landowners of Board maintained drains (18%) have financial benefit over other ratepayers in District. Remainder (82%) undertake riparian drain maintenance. Greatest length riparian drain maintained by Board: <ul style="list-style-type: none"> Scunthorpe area 5.5km Messingham area 5km Gainsborough area 10km (Contractor costs per linear metre [£0.61-£1.93] flail mowed - de-weeding – de-silting). Smallest length riparian drain maintained by Board - 70m 	<p>None</p>	<p>Advantages</p> <ul style="list-style-type: none"> Environmental Best Practice delivered by workforce and contractors – IDB duties with regard to environment. Wider benefits to district in terms of consistent water level management



	BOARD ADVANTAGES	BOARD DISADVANTAGES	STAKEHOLDER ADVANTAGES	STAKEHOLDER DISADVANTAGES	OTHER BENEFITS or DISADVANTAGES
Permanent access	<ul style="list-style-type: none"> Faster delivery of maintenance programme throughout district Reduces required maintenance of channel – less siltation through soil erosion Reduces required maintenance of vegetation – less nitrate induced growth Cost effective movement of men and machinery No financial penalty from Contractors 	<ul style="list-style-type: none"> Crop loss payment Land Loss payment <ul style="list-style-type: none"> Affect drainage rate? Service of notice to cleanse/cost of enforcement Differential Rating Orders 	<ul style="list-style-type: none"> Financial advantage – no costs associated as land out of production i.e. lower pesticide use/lower nitrate use/lower fuel consumption Financial advantage– increase through take up of stewardship/agri-environment scheme. Derogation of Grant available for landowner to protect payments re: Board maintenance activity Financial advantage – increases in yield for insect pollinated crops (NFU, 2013) Financial advantage – reduction in nitrate losses Major Farm Asset protection - Soil erosion losses reduced through buffer strip collection Grass margins are habitat for predatory insects that assist in pest control Grass margin buffer strip reduces pesticide drift into watercourses and assist Farmer compliance with pesticide requirements 	<ul style="list-style-type: none"> Financial disadvantage – loss of yield/productivity however soil productivity decreases with proximity to field edge (compaction/turning area) 	<p>Advantages</p> <ul style="list-style-type: none"> Aquifer - Nitrate Vulnerable Zone – reduces nitrate run off Assists with delivery of Water Framework Directive Objectives – major reason for failure associated with agricultural land is siltation from eroded material and excesses of nitrate Provides additional area for pollinator insects Less restriction on timing of access and maintenance, particularly when linked to changing weather patterns



Crop	Yield per hectare (t) (Defra,2015)	£ per tonne (Defra, 2015)	Yield (t) per 10m	£ Per 10m ² required for access	Financial implication for landowner per 1500 m of watercourse	Contractors costs per linear metre: <ul style="list-style-type: none"> flail mowing 1500m of watercourse de-weeding 1500m of watercourse at £0.66 each
Winter Barley	7.5	97	0.0075t (75kg)	£0.727	(£1091.25)	(£1980.00)
Winter OSR	3.6	263	0.0036t (36kg)	£0.948	(£1422.00)	(£1980.00)
Wheat	8.8	125	0.0088 (88kg)	£1.1	(£1650.00)	(£1980.00)
Oats	5.9	110	0.0059 (59kg)	£0.649	(£973.50)	(£1980.00)
Countryside Stewardship Schemes		Price per hectare £		£ Per 10m ²	Financial incentive for landowner per 1500 m of watercourse	
AB8 Flower Rich margins		549		0.549	£823.50	
AB9 Winter bird food		640		0.64	£960	
WT2 Buffering in field ditches, ponds on arable		501		0.501	£751.50	
GS4 legumes & herb rich sward		309		0.309	£463.50	
AB16 Autumn sown bumblebird mix		550		0.55	£825	

For purposes of Policy, crop losses for any particular year will be calculated on futures prices published by the Agricultural and Horticultural Development Board in the last week of January for the following November



10. APPENDIX B: BAP Actions to date

Biodiversity 2020	Habitat/Species	Target Ref.	Target	Action Ref.	IDB Actions	Indicators	Reporting	2016 Report
Key Sector: Water Management Outcome 1C: Habitats and Ecosystems on land Priority Action 1.1	Ponds	1	Improve understanding of status of ponds	1.1	undertake quality surveys of the Scunthorpe & Gainsborough drainage district owned ponds using Pond Conservation Management techniques	No surveyed	within life of Plan	
				1.2	Submit all records from surveys to local biological records centres and National Ponds Monitoring Network	Number of records submitted	within life of Plan	
		2	Maintain and improve quality of ponds within Board ownership	2.1	Identify if quality of Board owned ponds require improvement particularly for BAP Species Action Plans	improvement work required	within life of Plan	
Key sector: water Management Outcome 1C: Habitats and Ecosystems on land Priority Action 1.1	Eutrophic Standing Waters	3	Maintain and enhance the existing habitat and species diversity of watercourses within the Scunthorpe & Gainsborough drainage district	3.1	Ensure the appropriate management of the Scunthorpe & Gainsborough IDB watercourses through an integrated Biodiversity Action Plan and Maintenance regime following environmental best practice guidance	Plan production	Annually	Environmental best practice guidelines followed for Board maintenance works
			Control non-native invasive species along IDB waterways	3.2	Record stands of non-native invasive plant species on and/or adjacent to Board maintained watercourses and report to GB Non-Native Species Secretariat	No of reports	Annually from 2016	None identified during surveys



Key sector: Water Management Outcome 3: Species Priority Action 1.3	European Eel	4	Maintain and enhance suitable habitat for European Eel within the drainage district	4.1	Review maintenance regimes and identify watercourses where the desilting and weed cutting regime can be altered to enhance and increase European Eel habitat	Length of watercourse surveyed	Annually	Eel observed Lee Marshes Main Drain 2010.
		5	Reduce the impacts of existing barriers to migration on escapement and recruitment	5.1	Secure funding to enable prioritisation of existing barriers to migration for mitigation works	Funding secured	On completion	Meeting with EA Fisheries to discuss proposed catchment rationalization works
				5.2	Source funding to enable mitigation works and associated pre- and post-project monitoring programme on existing priority structures	Funding secured	On completion	Funding will be proportionate part of any GiA
				5.3	Undertake mitigation works on priority structures	Number of structures improved	On completion	Eel Regulation Guidance issued Nov 15 has rendered priority ranking obsolete.
Key Sector: Water Management Outcome 3: Species Priority Action 1.3	Water Vole	6	Maintain and enhance suitable habitat for Water Vole within the drainage district	6.1	Ensure appropriate habitat management of IDB watercourses with known Water Vole populations	Length (m) managed/maintained	Annually	Contractor working to environmental best practice guidelines 153km
				6.2	Review maintenance regimes and identify watercourses where the mowing and weed cutting regime can be altered to enhance and increase Water Vole habitat	Length (m) enhanced	Annually	Contractor working to environmental best practice guidelines 153km watercourse
					Provide training to IDB employees and contractors on legislation pertaining to Water Vole and their habitat	No of persons trained	Annually	Maintenance contractors informed on legislation and habitat



		7	Ensure all IDB works comply with relevant legislation protecting Water Vole and their habitat	7.1	Ensure Water Vole surveys are conducted prior to any bank improvement, drainage or other engineering works in accordance with Land Drainage Act (Improvement Works) Regulations	No of surveys undertaken	Annually	Ravensfleet Warming Drain, Plowland Drain, Ten Foot Drain, Princes Drain surveyed April 2016, 5565m survey in readiness for Ravensfleet PS works
		8	Monitor populations of Water Vole within the drainage district.	8.1	Submit all Water Vole records from the drainage district to Lincolnshire Ecological Records Centre	Number of records submitted	Annually	Contacted to confirm absence of water vole in drains surveyed
				8.2	Undertake monitoring of key Water Vole colonies	Length (m) surveyed	Annually	5565m watercourse surveyed Ravensfleet area April 2016. No evidence located
Key sector: water Management Outcome 3: Species Priority Action 1.3	Barn Owl	9	Enhance Barn Owl numbers within the drainage district	9.1	Erect 3 Barn Owl boxes on or around IDB pumping stations and Board owned land adjacent to the River Trent	Number of boxes erected	Annually	Barn Owl boxes purchased and erected at Ravensfleet PS, Board owned track approaching Lee Marshes outfall, Burringham PS, Susworth PS
		10	Monitor Barn Owl numbers within the drainage district	10.1	Submit all Barn Owl records from the drainage district to Lincolnshire Ecological Records Centre	No of records submitted	Annually	Monitoring through Wildlife Conservation Partnership
Key sector: Water Management	Bats	11	Enhance habitat for bats	11.1	Maintain areas of open water in drainage ditches for Daubenton's Bats	Length (m) assessed	Annually	Healeys Drain maintained open water 2500m



**Outcome 3:
 Species Priority
 Action 1.3**

		11.2	Erect bat boxes in suitable locations to provide summer roost sites	No. Erected	throughout life of BAP
		11.3	Retain veteran trees adjacent to IDB drains	Length (m) extended	When required
12	Ascertain Bat population	12.1	Survey IDB structures for the presence of bats	No of items surveyed	Throughout life of BAP





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