



# LEP WATER MANAGEMENT BOARD

8<sup>th</sup> November 2018

THE BOARDROOM, LANCASTER HOUSE,  
36 ORCHARD STREET, LINCOLN, LN1 1XX

# Minutes

<p><b>Present:</b> Robert Caudwell (Chair), Martin Collinson, Martin Osborne, Ruth Carver, David Hickman, Peter Bateson, Deborah Campbell, Phil Drury</p> <p><b>Apologies:</b> Paul Vallely, Ian Warsap, Matthew Harrison, Carly Walker, Cllr Eddy Poll, Steve Moncaster</p>	
<p><b>Welcome by the Chair</b> Introductions and update given</p>	
<p><b>Minutes of the Meeting held on 13<sup>th</sup> May 2018</b> These were agreed as correct.</p>	<p><b>Action</b></p>
<p><b>Review of Membership/Terms of Reference</b> Discussion took place regarding reviewing membership of the Water Management Board and the Terms of Reference:</p> <ul style="list-style-type: none"> <li>➤ Recruitment of new members to go before the Appointments Committee.</li> <li>➤ Number of other groups , need to ensure they have good connections to the LEP.</li> <li>➤ There is a South Lincolnshire Water Partnership, along with others, and the Water Management Board agreed they should have an overview of their future announcements, although there are already connections with Anglian Water, WRE and Floods.</li> <li>➤ If other groups require support from the LEP, ie, funding, planning or political advice, these requests should come before the Water Management Board.</li> <li>➤ Agreed that projects should have a strategic fit.</li> <li>➤ Regarding membership, it was agreed that representatives are needed from North Lincolnshire Council/North East Lincolnshire Council.</li> </ul> <p><b>Lincolnshire Flood Risk &amp; Water Management Partnership</b></p> <ul style="list-style-type: none"> <li>➤ Terms of Reference have recently been reviewed.</li> <li>➤ Senior members required for the Strategic Group, with a better geographical spread of members.</li> <li>➤ DH stated that the linkages between South Lincolnshire Water Partnership and the WRE were much improved.</li> </ul>	
<p><b>Review of Water Management Plan</b> Presentation given by Martin Osborne:</p> <p><b>Background</b></p> <ul style="list-style-type: none"> <li>• Provision of adequate water</li> <li>• Water and wastewater utilities to new developments</li> <li>• Wastewater disposal and treatment</li> <li>• Flood risk management</li> <li>• The water environment</li> </ul> <p>These are to be delivered over 5 years, 5-10 years and 10-20 years.</p> <p><b>Provision of adequate water</b></p> <ul style="list-style-type: none"> <li>• Anglian Water Resources Management Plan, which is a key document</li> <li>• Focus of public water supply</li> <li>• Large future challenges of water availability</li> </ul>	

- Gap of almost 50% of current supply
- Demand measures - must reduce demand
  - Water efficiency
  - Leakage reduction
- Supply measures
  - Pywipe and South Humber Bank (there is an ongoing study for construction)
  - Future reservoir in South Lincolnshire (not in the next 5-10 years, but possibly after 10 years)

Stakeholder Engagement - (this is where the LEP can encourage)

- < 5 years
  - Seek to accelerate work of WRE across all sectors (WRE to look at commercial and industrial demand)
  - Encourage Local Authorities to require good water developments, ie, minimise water use/more recycling
  - Prepare information packs for developers - make it a common policy for all developers
  - Inform industry and agriculture on the need for water - this is a common message to all from Anglian Water and demand has already decreased by 25% over the last 5 years, but will increase with Climate Change
- 5-10 years
  - Monitor progress and reinforce water saving message
- 10-25 years
  - Consider viability of economic sectors if cost of water increases

Domestic and commercial water demand

- < 5 years
  - Continue to work with AWS to refine WRMP and plans for demand management
  - Work with AWS to understand current and future commercial water demand
  - Work with water companies (including retail) to target water savings in offices, hotels, gyms and leisure clubs
- 5-10 years
  - Liaise with AWS for each 5 year update of WRMP
- 10-25 years
  - Seasonal and daily variable water tariffs are likely. Consider impact on domestic and commercial sectors - how can we bring this to Greater Lincolnshire

Agri-Food

- Agriculture needs to make significant reductions in abstraction
  - Need details of this
- What quality of water is needed for agriculture
  - IDB drainage channels
  - Farm level rainwater storage
- Treated effluent for some uses - not all crops

Water resources

- < 5 years
  - Work with AWS to optimise routes for new water transfer mains to

minimise community disruption

- Support an analysis of the economic benefits of multi-use reservoirs
- Engage with National Infrastructure Commission on funding sources for major schemes
- 5-10 years
  - A new reservoir in South Lincolnshire is almost inevitable. LEP should ensure it delivers the greatest economic benefits. Consider locating major water users in the area
- 10-25 years
  - Continue to engage with water companies on future resources including effluent re-use

There will be 500 kilometres of pipework and the group was informed that community/stakeholder engagement has not yet started.

#### Provision for new developments

- < 5 years
  - More detailed review of provision for strategic sites with a focus on remote sites and sewage pumping stations - review of strategic sites need revisiting
  - Liaise with water companies over any potential delays to provision for strategic sites
  - Review a sample of small sites for costs and delays to be able to inform developers
  - Encourage "future " proof developments with local reuse and recycling
- 5-10 years
  - Consider requisitioning water mains and sewers to prepare for strategic developments - before developments begin
- 10-25 years
  - Encourage retrofit of reuse and recycling through local authorities and community groups

#### Wastewater treatment

- < 5 years
  - Liaise with AWS on potential delays to economic development from required treatment upgrades
  - Work with AWS and developers to consider provision of local treatment works for strategic developments
- 5-10 years
  - Encourage local treatment and recycling for all new developments
- 10-25 years

#### Surface water and flood risk

- < 5 years
  - Work with LAs to implement Lincolnshire-wide standards for sustainable drainage
  - Work with LAs to identify areas for management of fluvial and pluvial flooding and protect them from development, ie, sustainable drainage needed, flood paths for new developments
- 5-10 years
  - Impact of climate change on sea level will require major investment for coastal protection. Work with Government to plan and fund this
- 10-25 years
  - Ongoing sea level rise will require managed retreat of coastal

communities. Plan for how this is to be done

#### Low Carbon

- < 5 years
  - Reducing water consumption also reduces energy. Encourage developers to install low flow and energy recovery showers
- 5-10 years
  - Monitor advances in recovering heat from greywater and wastewater and encourage developers to adopt it
- 10-25 years
  - Focus on retrofit of heat recovery and heat pump systems

#### Policy Environment

Key policy updates include:

##### National Infrastructure Commission report from Spring 2018

- Move towards a national water network and build more supply infrastructure to create at least 1,300ML/day by the 2030s
- Reduce leakage - halving leakage by 2050
- Compulsory and smart metering - enabled by regulatory change

##### Defra, EA, Ofwat and Drinking Water Inspectorate letter to Water Companies - August 2018

- More ambitious water company business plans; including: increased collaboration; water transfers; leakage reduction - these plans need to go further when they are reviewed
- Regional water resource planning, as with WRE, including: developing regional plans and then turning them into actions; explore inter-regional transfers; develop cross-sector solutions; work with LEPs
- Greater use of markets and competition to drive efficiency - need a clear policy and agenda from Government
- Clear joined up policy from government and regulators, including developing a National Policy Statement for Water including the need for major new national infrastructure such as reservoirs, water transfer and desalination plans; EA led new National Framework for Water Resources; develop tools to promote collaboration between water companies
- A responsive regulatory approach, which needs to be continually updated, to deal with changes in the context for water, including: align water planning and drought plans; increased focus on drought resilience and other hazards; supporting innovation and collaboration; making plans easier to understand and engaging the public

##### Health & Harmony Consultation and Agriculture Bill and 25 Year Environment Plan

- Recognises role of farmers in managing the environment with an increased focus on water and soils 0 in a broader sense, soils and water are now more prominent
- Paying for public goods to be a key focus of the new policy
- Draft Agriculture Bill (September 2018) now ground through committee stages with aim to have it in place in early 2019
- Food Strategy to be developed by Spring 2019, which will draw together a number of plans

<p><b>Food Board</b> At the recent Food Board held at the House of Commons, infrastructure, including water, power supply and transport are more important for businesses</p>	
<p><b><u>Wrangle Bank Outcomes - Peter Bateson</u></b> Peter Bateson presented a video which showed the full length of the 7 metre high Wrangle Bank from Leverton to Wrangle Pumping Stations, which has benefited 3,500 hectares and 348 properties and should last for at least 60 years. Where there had been 700 hectares of flooding further along, crops are still not growing. Individual contracts with farmers, who also contributed their land for this construction, where 172 cubic metres of spoil was dug out, this land is not to be used for 2 years so that this will enable the grass to grow which will stabilise the bank.</p> <p>To build Wrangle Bank, £1.3m funding was received from Defra and £0.5 from ESIF, but IDB had to fund this until the grant came through, which was 7 days before the end of the construction. The Environment Agency has very strict rules on grant funding and recognises this is a problem and it is being looked into to make it more flexible.</p>	
<p><b><u>Link Between Water and Energy - Andy Brooks</u></b> The GLLEP is taking a leadership role on the connection between the economic agenda and the landscape for energy and water. The energy strategy will identify where the LEP can tackle some of these issues, but will also identify where help is needed to take on bigger, grander challenges and where local actors need to take steps to tackle delivery issues closer to home.</p> <p>It was agreed that there is a need to work on the link between water and energy together. The Board was informed that a Draft Energy Strategy paper is due to be presented to the LEP Board on the 30<sup>th</sup> November.</p> <p>Initial discussions have taken place at the Water Management Officers Group and these showed a clear link between energy and water management, in particular around the issues of the energy needed to pump water around systems, and the siting of these resources in rural areas (Anglian Water and IDBs - Matthew Harrison is carrying out research on the costs).</p> <p>As a starting point to this early investigation, we are aware that the costs to Anglian Water, in terms of energy needed, can amount up to 28% of running costs. There is ongoing work with Energy UK to look at demand curves, which Anglian Water is having formative discussions on.</p> <p>An exploratory email has also been sent to IDBs with significant energy pumping requirements, to ascertain the level of energy need and whether there will be significant increased levels needed in the future.</p> <p>There is also exploratory lines of enquiry around the use of water, on generating supply opportunities into the future, particularly linked to the River Trent.</p> <p>To maintain a lead for the LEP, in terms of both energy and water, there will need to be a very clear association between energy and water, through a whole system approach of delivery. This will provide the LEP area with an ability to provide a steer on the transformation of a future power system architecture that has a local impact.</p>	

<p>Fundamental to this transformation, will be the need to underpin any proposals, that are:</p> <ul style="list-style-type: none"> <li>• Technically fit for purpose</li> <li>• Unlock innovation at scale</li> <li>• Enable best value for customers</li> <li>• Are adaptable to ongoing change</li> </ul>	
<p><b><u>Environment Agency Update - Deborah Campbell</u></b>  There are a number of projects ongoing:</p> <ul style="list-style-type: none"> <li>• Humber</li> <li>• ? Point - consultation completed, but findings have been delayed and the preferred option has cost implications.</li> <li>• Coastal erosion - should high risk communities be re-located - planning policy.</li> <li>• Boston Barrier is currently being built, but no feedback from the public regarding the noise.</li> </ul>	
<p><b><u>WRE Update</u></b>  There is now to be a Form Board and a Business Board.</p> <p>A Leadership Group is to be held on the 18<sup>th</sup> December.</p> <p>Looking for a LEP member to attend Board meetings.</p> <p>Development - launch of Phase 1 in July and the focus now is on schemes that are ready (South Lincolnshire Water Partnership).</p> <p>WRE are looking at an ERDF bid for projects.</p> <p>South Lincolnshire Reservoir - decision is to be taken in approximately 18 months on whether to proceed, scope and benefits being considered.</p> <p>Two Estate Partnerships are in talks with the South Lincolnshire Water Partnership regarding two projects and ideas for the next 2 to 3 years, and also links into Cambridgeshire. Other landowners have also shown interest. Funding is currently okay but may need help in getting started, ie, linking with LCC etc.</p> <p>Engaging with Yorkshire Water to look at water transfers - Steve Moncaster has already had meetings.</p>	
<p><b><u>Any Other Business</u></b>  Ruth Carver informed the group of the recent call for pipeline projects - no funding at present, but projects will be for UKSPF funding from 2020 and business cases have been requested by December.</p>	