



Confluence 2019

Yorkshire Water

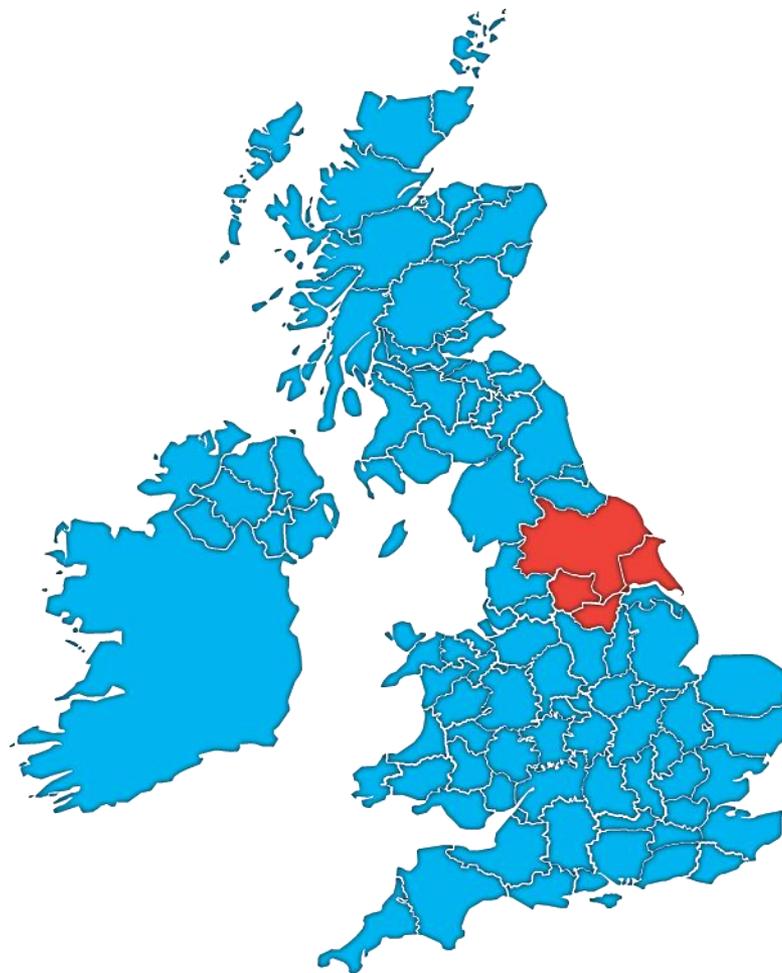
A Land Strategy for our customers & stakeholders

Mike Pearson
Catchment Land Manager

It's part of our
Blueprint for Yorkshire



UK – Yorkshire Region



It's part of our
Blueprint for Yorkshire



About Yorkshire Water:

“Taking responsibility for the water environment for good”

5M
domestic
customers

1.3B
litres
water

130
reservoirs

83,000km
pipe

3,500
employees

135,000
business
customers

1.0B
litres
waste
water

700 works

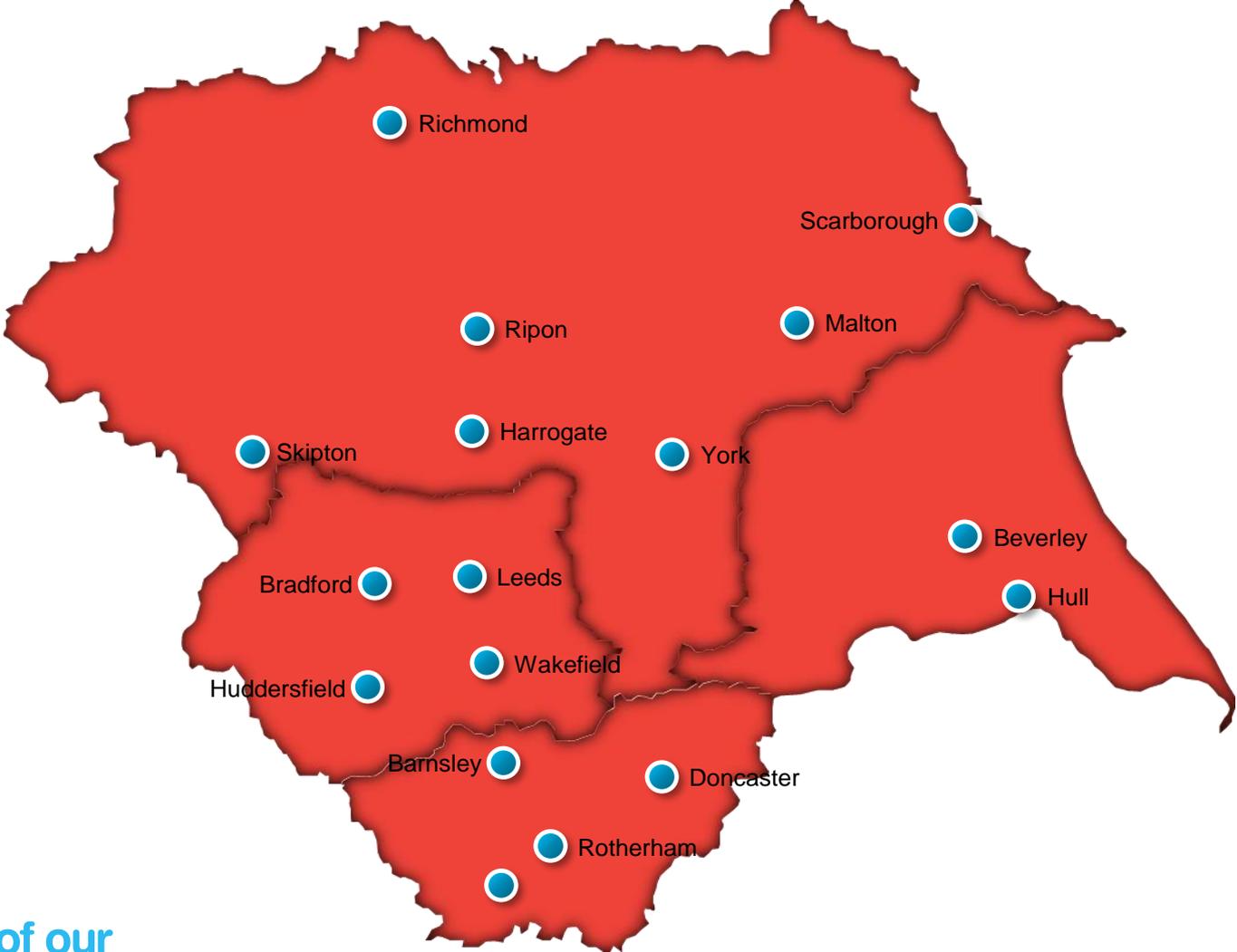
28,000Ha
land

£401
Average
bill
(2019/20)

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Yorkshire Region



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Yorkshire Water – Area of Appointment & Land Holdings



Yorkshire Water

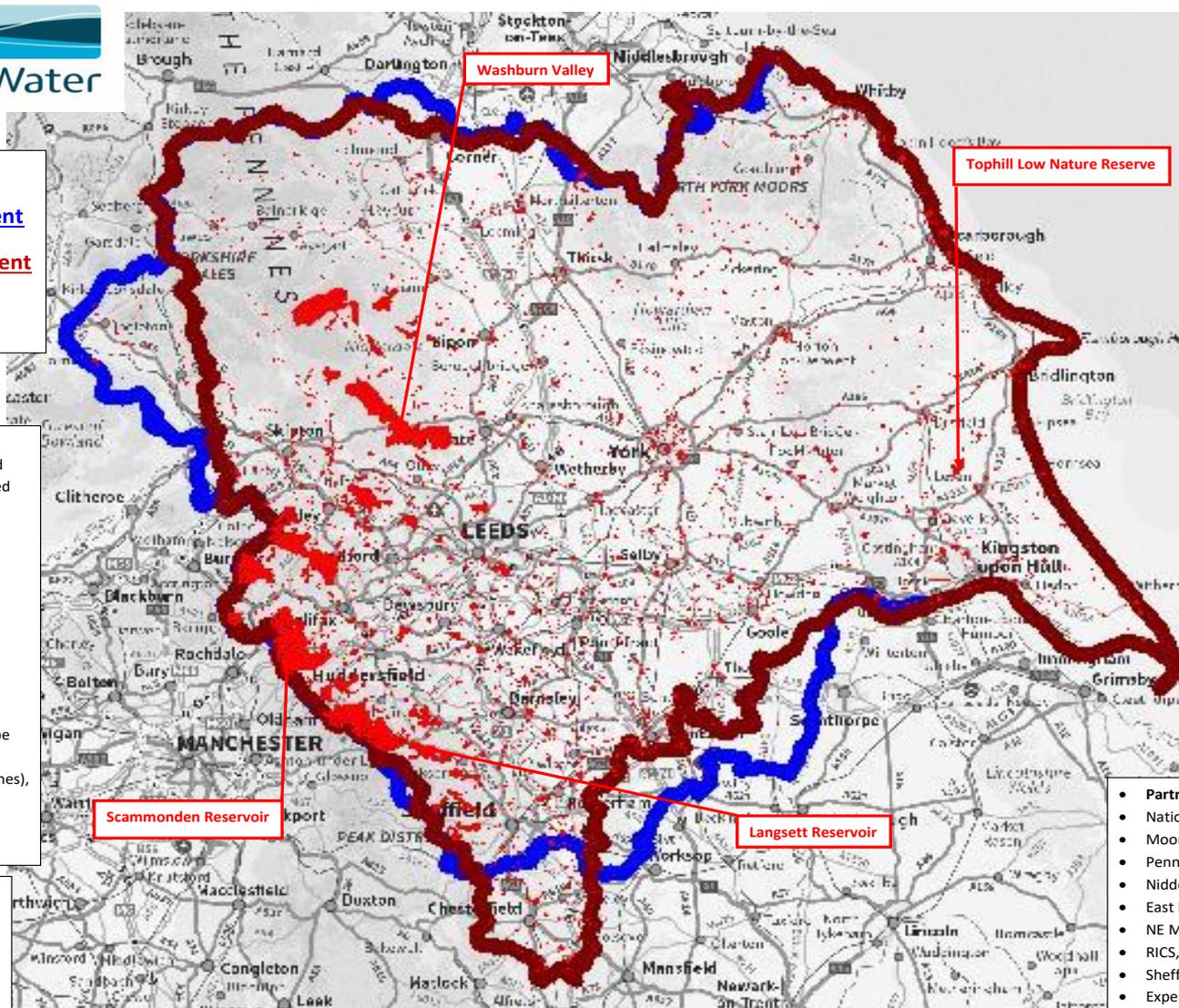
Clean Area of Appointment

Waste Area of Appointment

• Land Holdings

- Business Initiatives
- Performance Commitments (Land Conserved & Enhanced; Integrated Catchment Management)
- Beyond Nature
- One Million Trees
- Little Don Recreation Plan
- NT/YW Partnership
- Delivering AMP7
- IUCN/YW Peatlands
- Six Capitals
- NFM – Living with Water
- Visitor Satisfaction & Safety!
- HLF - Sheffield Lakeland Landscape Partnership, Celebrating our Woodland Heritage (South Pennines),
- Supporting partner organisation restructuring
- Contentious Issues Action Plan

- Income and Value
- Six Capitals Accounting
- Not for profit:
- Rodley Nature Reserve
- Blackburn Meadows NR
- Gosforth Valley SuDS, Dronfield



- 30,518Ha YW Land
- 8,500 Ha operational/reservoir
- 1,912Ha woodland/nature reserve
- 2,217Ha common land/water rights
- 17,889 let for agriculture

- 75%+ YW land designated
- 50%+ SSSI/SAC/SPA
- 65% Nat Park, AONB, etc
- 15% Common land
- Listed buildings & structures
- Ancient Monuments

- 700+ Treatment Works (clean & waste)
- 120 Reservoirs
- Operational site issues
- 38K km of water main
- 45K km of sewers
- 63% road, 2% in YW land & 35% in private land

- Agriculture - 275 lettings
- Recreation - 80 lettings
- Telecoms - 115 lettings
- Commercial - 315 lettings
- Residential - 55 lettings
- Wayleaves – 160
- Acquisitions
- Asset Disposals & transfers
- Mitigating risk on operational and abandoned assets

- Partnership examples:
- National Trust
- Moors for the Future/PDNP
- Pennine Prospects
- Nidderdale AONB
- East Riding Tourism Triangle
- NE Major Landowners Group
- RICS, CLA, Moorlands Association, Water UK
- Sheffield Outdoor City
- Experience Community CIC
- Northern Forest, Woodland Trust, Yorkshire Wildlife Trust
- Others whose expectations we cannot meet

Yorkshire Water Land Strategy

**Defines the vision for our land and how we will achieve this vision;
provides a framework for our overall approach to managing our land**

Catchment Land

Defines our approach to managing the catchment land we own from where we take our raw water

Operational Land

Defines our approach to managing operational land including treatment works, pumping stations and land no longer used for operations

Recreation

Defines our approach to managing the safe recreational use of our land by our customers

Communication and Engagement

Defines our approach to communicating the Land Strategy, both internally and externally and how we engage with stakeholders

Beyond Nature -

Biodiversity – The environment and biodiversity will be conserved and enhanced beyond compliance



Water Quality – Water quality and quantity will be enhanced and safeguarded



Carbon – Carbon storage and sequestration will be optimised



Recreation – Recreational opportunities will be embraced where impacts do not adversely affect the environment and other land users



Farming Enterprise – An ecological approach to farming will be taken to support sustainable agriculture and farming



Social – Land will be managed to generate significant value to society, our communities, customers and stakeholders



Sporting Enterprise – Management of sporting interests will be integrated with farming and environmental management



Flood attenuation – Flow attenuation and natural flood management will be improved by land management



Climate Change – Climate change effects will be mitigated by land management



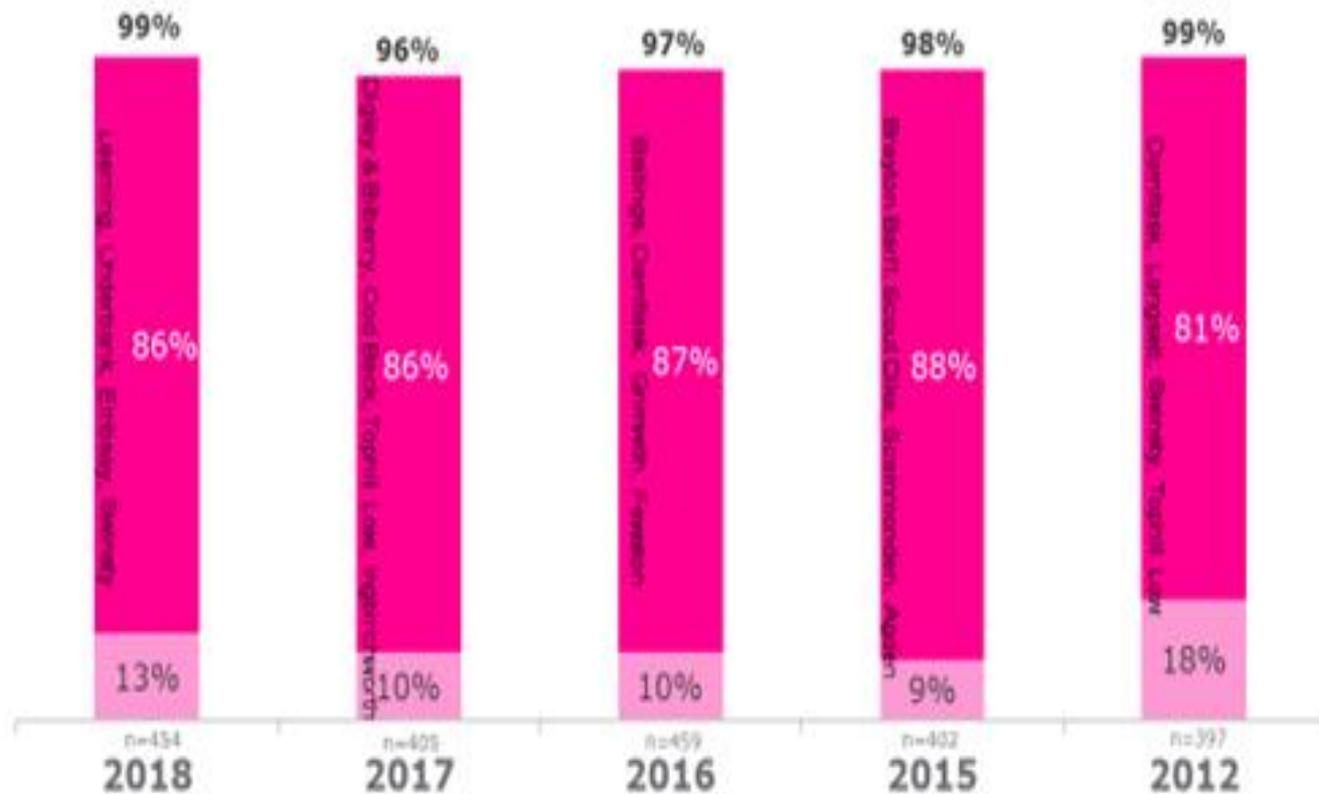
One Million Trees – Slowing the Flow



High levels of visitor satisfaction have been maintained over the years

Site satisfaction tracker and survey locations

■ Very satisfied ■ Quite satisfied



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Yorkshire Water: Total Impact and Value Assessment (TIVA)

2014/15 annual impact

OUR IMPACT



JOB'S SUPPORTED

2,398 DIRECT | **9,170** INDIRECT | **7,491** ENABLED



67 GWH OF RENEWABLE ELECTRICITY GENERATED, ENOUGH TO POWER OVER

21,000 HOMES



LENGTH OF RIVER IMPROVED

88km



FEMALE SENIOR LEADERS

30%



APPRENTICESHIPS

22



CO₂ STORED IN OUR LAND

50,000 TONNES

That's enough to off set the emissions from 200 million miles of car travel.



CO₂E EMISSIONS

90,000 tonnes DIRECT | **440,000** tonnes INDIRECT | **100,000** tonnes ENABLED



DAYS VOLUNTEERED

849 work days DIRECT | **1,901** non-work days ENABLED



EDUCATION VISITS

15,411



LEAKS FROM PIPES

76.6 Bn litres DIRECT | **28.7 Bn** litres ENABLED

In total, that's enough to fill the Royal Albert Hall around 1,000 times.



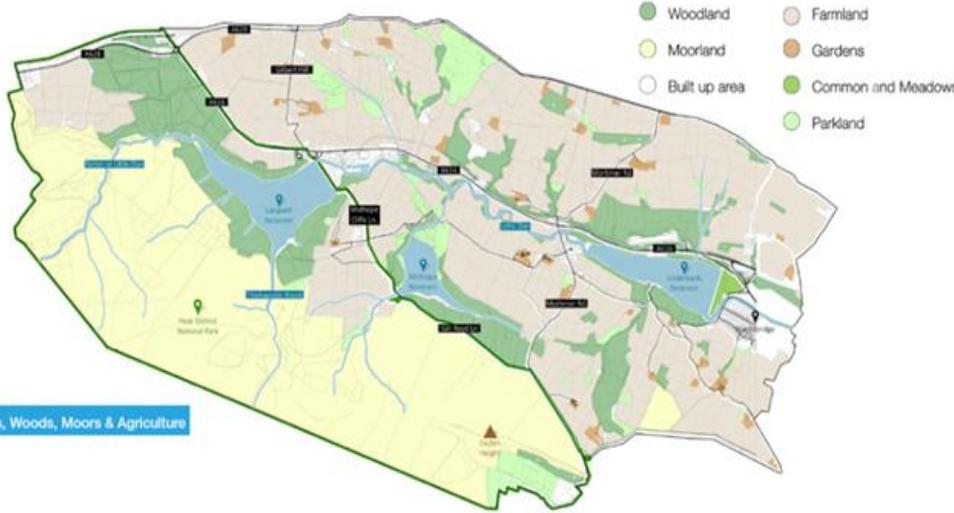
WATER CONSUMPTION

1.8 Bn litres DIRECT | **180 Bn** litres INDIRECT | **373 Bn** litres ENABLED

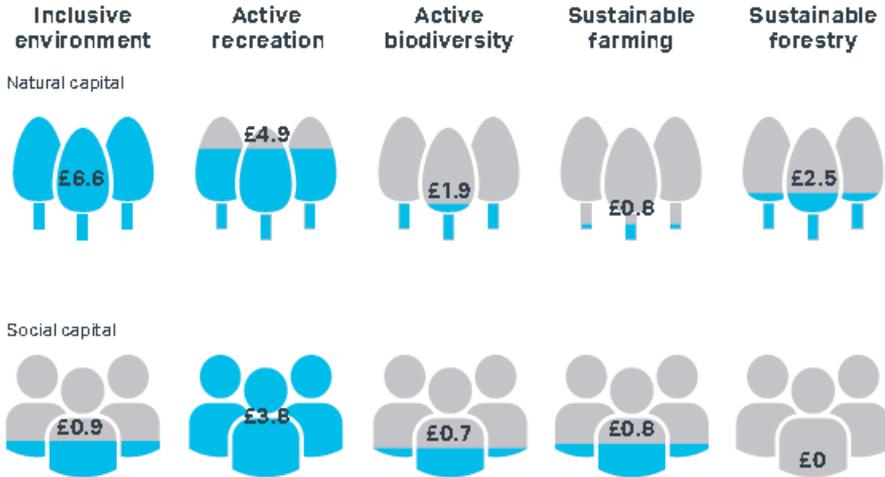
In total, that's enough to fill the Royal Albert Hall around 5,500 times.



Little Don Project – Six Capitals Assessment



Value indicators (£ million)



Net Present Values relative to baseline (£ million)



Other indicators

Carbon removed from atmosphere (tCO₂e)



Quality Adjusted Life Years generated from exercise on site (years)



Any Questions?



