

# Water Framework Directive Catchment Stakeholder Group Erne & Melvin

## Investing for the Environment

### Speakers:

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# Introduction to NI Water Ltd.

- Formed in 2007 as Ltd. Company, GoCo under the Water and Sewerage Services Order (2006)
- Operating under a Licence
- Economic Regulator NIAUR
- Water and Sewerage Undertaker from 1 April 2007
  - Subject to full environmental regulation
  - Loss of crown immunity

# What NI Water does.

- Provides drinking water to some 795,000 households and business
- Supplies about 619 thousand cubic metres of high quality drinking water each day through 26,500 km of water mains - c 400 Olympic Pools!
- Every year collects 133 million tonnes of wastewater from 660,000 businesses and households
- Transports sewage through approximately 14,500 km of sewers to works
- Operates more than 1,000 waste water treatment works

# Strategic Business Plan for 2007- 2010

# Strategic Business Plan Objectives

- Deliver improved water and sewerage services
- Safeguard public health and environment
  - Reduce environmental impacts
- Reduce leakage levels
- Improve customer service
- Achieve cost efficiencies
- Develop a sustainable business
  - Financially sustainable & self financing
  - NIW economic regulated utility

# Environmental Regulatory Regime



# Northern Ireland Environmental Regulations

- Urban Waste Water Treatment Regulations 1995
- Freshwater Fish Regulations 1997
- Bathing Water Regulations 1993
- Shellfish Water Regulations 1997
- Water Framework Regulations 2003

# Improving our Wastewater and Water Services



# NI Water Input into Programme of Measures

- NI Water is one of Northern Ireland's most important environmental stewards, managing a key environmental resource that underpins the health of all our natural habitats.
- NI Water is committed to a substantial investment and upgrading programme for the sewerage infrastructure.

# NI Water Capital Works Programme (CWP)

- CWP Strategic Business Plan agreed March 2007-March 2010
- 3-year expenditure programme totalling £676m (including capital efficiencies)

# Investing for the Future to 2009/10

- £676m capital works programme to 2009/10:
  - £174m in water treatment/storage/improvements
  - £492m improvements to WwTw and sewers
  - £10m poorly performing small WwTw
- £232m Public Private Partnership to 2009/10:
  - £110m in water treatment, storage and improvements
  - £122m in improvements to WwTw and collection systems

# CWP - 07/08 Outputs

- 52.4km of sewers against a three year target of 120km.
- Completion of projects to upgrade 8 WWTWs which contributed towards achievement of the 84% compliance target for effluent discharge standards.
- 327km of mains laid, this major programme of watermain replacement will contribute to overall improvements to water quality, reduction in pressure and leakage.

# Proposed 08/09 Capital Outputs

- 45.0km of sewers against a three year target of 120km
- Commencement of projects to upgrade 15 WWTWs which will contribute towards achievement of the 86% compliance target for effluent discharge standards
- Continuation of the programme of watermain replacement will contribute to overall improvements to water quality, reduction in pressure and leakage

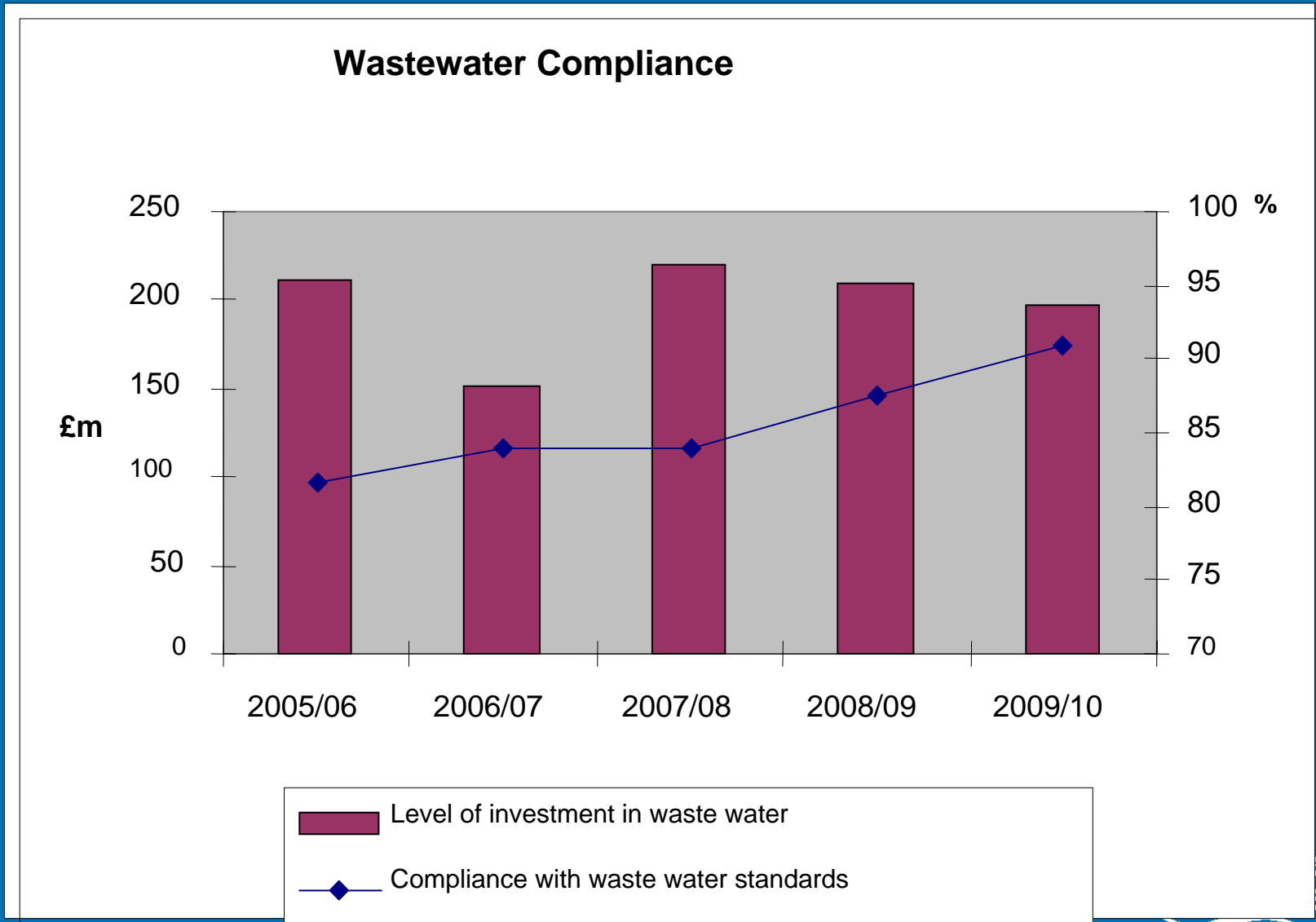



# Sustaining our Environment

# NIW's Sewage Treatment Targets to 2009/10

- Compliance with NI Water Order Numeric Consents (Works):
  - 84% in 2006 (actual)
  - 91% in 2009 (target)
- % population served by compliant works:
  - 77% in 2006 (actual)- 63% in 2004 (actual)
  - 94% in 2009 (target)
- 11% reduction in pollution incidents by 2009

# Wastewater Compliance





**Thank you for your  
attention.**

**Any questions?**

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