



# Environment Sub Committee

**North Tyneside Council**

Tuesday, 14 February 2023

**Tuesday, 21 February 2023** 0.02 Chamber - Quadrant, The Silverlink North, Cobalt Business Park, North Tyneside, NE27 0BY **commencing at 6.00 pm.**

<b>Agenda Item</b>	<b>Page</b>
1. <b>Apologies for Absence</b> To receive any apologies for absence	
2. <b>Appointment of Substitute Members</b> To receive notification of the appointment of any Substitute Members.	
3. <b>Declaration of Interests and Dispensations</b> To receive any declarations of interests or dispensations	
4. <b>Minutes</b> To consider the minutes of the meeting held on 10 January 2023.	<b>5 - 6</b>
5. <b>Cabinet Member responsible for the Environment - Update</b> To receive an update from Councillor S Graham, Cabinet Member responsible for Environment, on the delivery of her priorities in relation to the environment over the past year and to outline the priorities for the next year.	
6. <b>Approach to Litter Management</b> To receive a presentation which outlines the Authority's approach to litter management in the Borough.	
7. <b>Flood Management Plan - Review of Performance</b> To give consideration to a presentation which reviews the Authority's performance in relation to the Flood Management Plan.	<b>7 - 28</b>

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**Circulation overleaf ...**

## **Members of the Environment Sub Committee**

Councillor Davey Drummond (Chair)

Councillor Gary Bell

Councillor Brian Burdis

Councillor Margaret Hall

Councillor Gary Madden

Councillor Pam McIntyre

Councillor Martin Murphy (Deputy Chair)

Councillor Linda Bell

Councillor Michelle Fox

Councillor Chris Johnston

Councillor Louise Marshall

Councillor Jane Shaw

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## Environment Sub Committee

**Tuesday, 10 January 2023**

Present: Councillor D Drummond (Chair)  
Councillors M Murphy, G Bell, L Bell, B Burdis, M Fox,  
M Hall, C Johnston, L Marshall, P McIntyre and J Shaw.

In attendance:  
Councillor S Graham (Cabinet Member for the  
Environment).

### **E14/22 Appointment of Substitute Members**

There were no substitutes reported.

### **E15/22 Declaration of Interests and Dispensations**

There were no declarations of interest or dispensations reported

### **E16/22 Minutes**

**Resolved** that the minutes of the meeting held on 8 November 2022 be confirmed as a correct record.

### **E17/22 Fleet Decarbonisation**

The Sub-committee received a presentation which set out the steps taken by the Authority in respect of decarbonising its fleet of vehicles. It was explained that in 2021/22 the fleet had contributed 16% of the Authority's carbon footprint and this had been 15% lower than in the previous year. It was also reported that during the same period the Authority's business miles had reduced by 66%.

It was explained that the Authority operated:

- 338 small vehicles, those under 2.5 tonnes, of which 10 were electrically powered;
- 21 medium sized vehicles, 5 of which were electric; and
- 48 large vehicles, over 7.5 tonnes.

It was explained that fully electric vehicles cost more to purchase than their diesel counterparts which meant that the funding available did not allow all the vehicles to be replaced. An example given was the cost to replace a diesel Heavy Goods Vehicle (HGV) was around £200K, with the electric equivalent around £400K and a hydrogen vehicle at around £800K.

Members were advised that there were a lot of factors which had to be taken into account in relation to the decarbonisation of the fleet including having a suitable charging infrastructure

and the improvements being made in relation to the technology, including improved batteries. In addition reference was made to the difficulties in obtaining suitable electric vehicles in the correct configuration. It was explained that a trial of an electric refuse collection vehicle had identified that the vehicle was too wide to go down some of the back streets of the borough.

Clarification was sought in relation to whether servicing costs had been factored into purchasing decisions in relation to electric vehicles and whether consideration had been given to deferring purchasing electric vehicles to allow the technology to catch up.

It was explained that servicing costs had been included in purchasing decisions and that the fleet team was currently being upskilled to deal with electric vehicles. It was also explained that, where appropriate, purchases had been delayed to take account of technological advances. The Authority also considered the use of hybrid vehicles where appropriate.

Reference was made to the cost of running electric vehicles and how the volatility of the market affected running costs. It was explained that charging points had been installed at the Killingworth Depot and there were plans in place for more installations as well as new battery storage on the site.

The Chair thanked the officer for her presentation.

It was **agreed** that the presentation be noted.

## **E18/22 Flood Management Plan - Review of Performance**

The Sub-committee considered a presentation on the action taken in respect of surface water management in North Tyneside after the flooding events of 2012. The presentation set out the development of a flooding strategy, the work done to date and how successful it had been in preventing flooding in various areas of the Borough. It was explained that around £25M of flood alleviation schemes had been delivered, hundreds of properties had been protected and emergency response plans had been improved.

Reference was made to the flood alleviation works carried out in the Briar Vale and Killingworth areas of the Borough. It was suggested that it would be useful for members to receive a map showing the extent of the flooding which had occurred in their ward together with details of the flood wardens in those areas.

It was **agreed** that the presentation be noted

# Surface Water Management in North Tyneside

Environment Sub-Committee  
10 January 2023

Mark Newlands  
Highways & Infrastructure Manager



# Contents

- Background
- Governance
- Flooding Strategy
- Work done to date
- Partnership working
- Measuring success – where we've got to
- Next 10 years – what happens next





# Background



# Background



# Background

- June 2012 – Thunder Thursday
- Task and finish group set up late 2012
- Flooding Strategy developed
- £4.75m capital investment plus external grants
- Implementation plan developed
- Formal governance put in place
- Numerous other activities e.g. flood wardens



# Governance

- North Tyneside Surface Water & Drainage Partnership established March 2013
- Brought together all partners and stakeholders
- Chaired by lead cabinet member, supported by director
- Directed and influenced work
- Exchange of ideas and good practice
- Brand / identity :



- Dissolved in January 2020



# Flooding Strategy



North Tyneside Council

Working in partnership with  
**CAPITA**

Local Flood Risk  
Management Strategy

July 2014



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North Tyneside Council

Working in partnership with  
**capita**



**North Tyneside Local Flood Risk  
Management Strategy**

October 2021



North Tyneside Council

# Key Objectives

- 1) We will continue to encourage direct involvement in decision making through partnership working with key organisations and communities.
- 2) We will target resources where they have the greatest effect by continuation with a risk-based approach.
- 3) We will contribute to wider social, economic and environmental outcomes by encouraging sustainable multi benefit solutions for the management of local flood risk.
- 4) We will continue to encourage and support communities and local landowners to take action and contribute to the reduction of flood risk.
- 5) We will continue to ensure that emergency plans and responses to flood incidents are effective and that communities are able to respond properly to flood warnings.
- 6) We will ensure that our infrastructure is resilient to flooding and be ready to adapt to flooding change
- 7) We will provide further support to local residents to increase their own resilience to flooding



# Examples of Work Carried Out in North Tyneside



# Dudley – Green Lane



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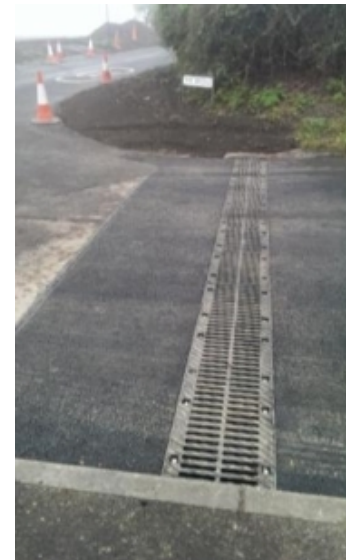
# Murton Village

## Phase 1 – Drainage Improvements

- Improved drainage of highway
- Increased storage capacity of ditch

• Vehicle speeds reduced with new road hump

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# Murton Village

## Property Level Protection (PLP)



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# Woodburn Drive

- Gabion basket flood barrier
- Surface water held within bridleway and channelled via a filter drain to a nearby culvert then out to sea

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# Fairfield Green

- 3 large dry storage basins connected by ditches
- Controlled discharge



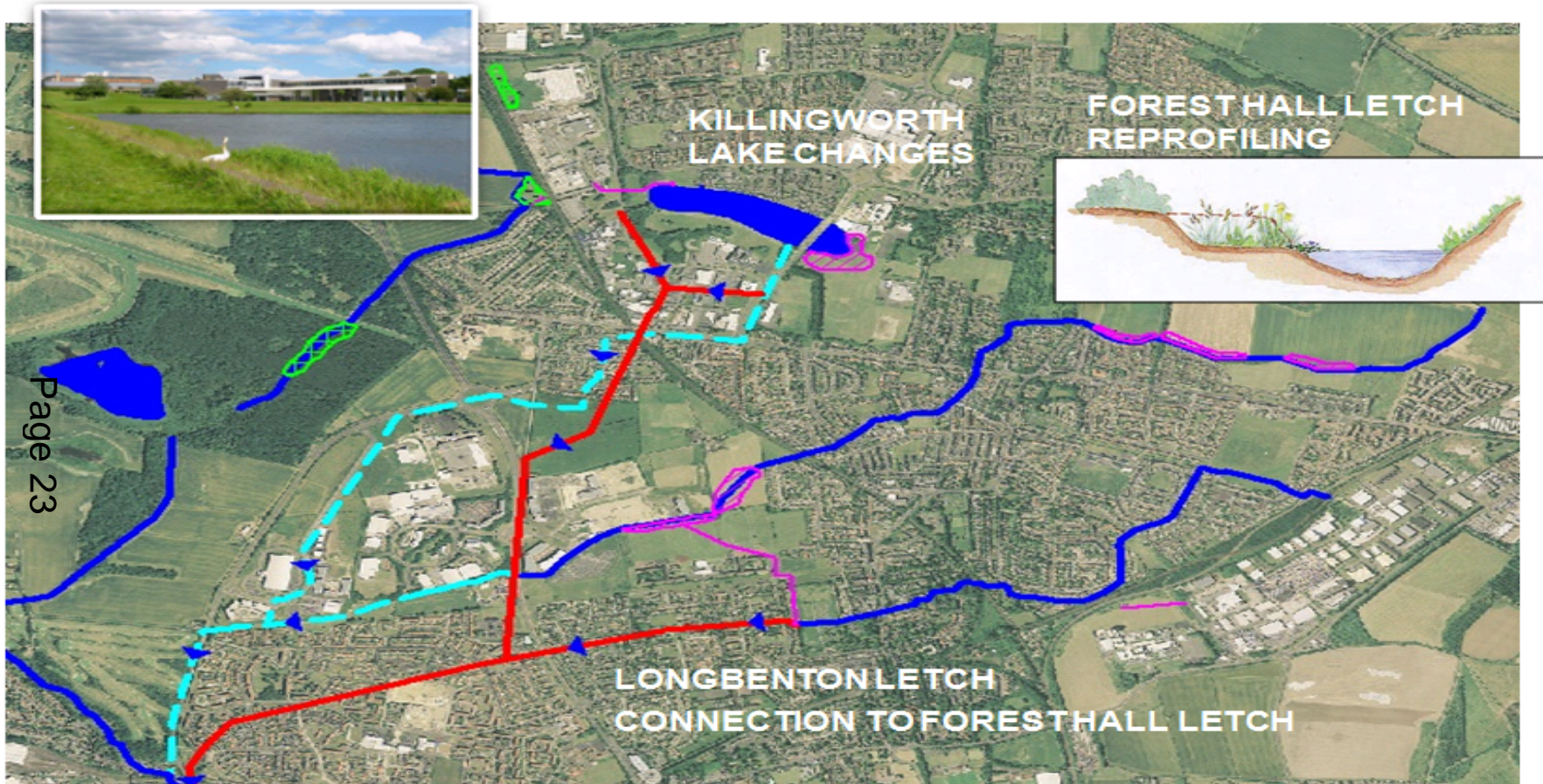
# Briar Vale



# Partnership Working



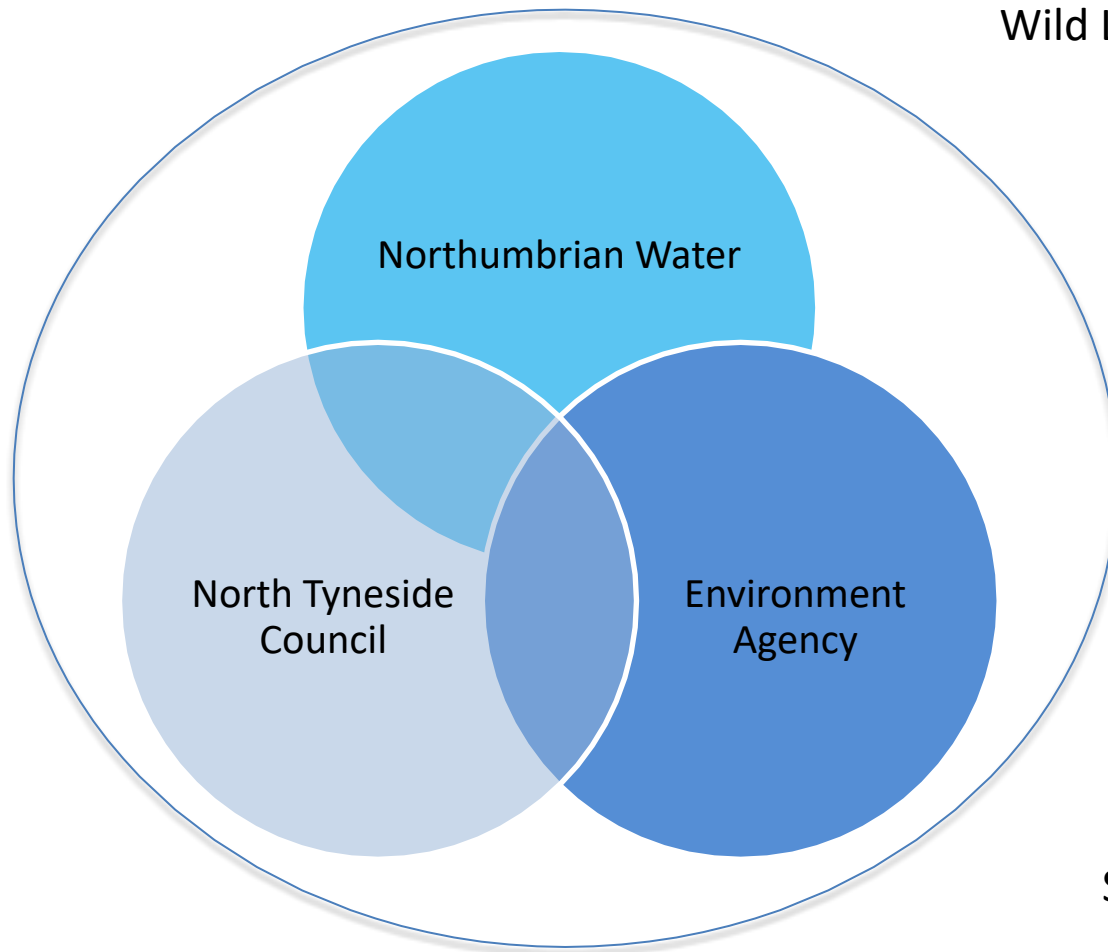
# Killingworth & Longbenton Sustainable Sewerage Project



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# One Team



Newcastle City Council

Wild Life Trust

Natural History Society

Land Owners

Tyne Rivers Trust

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Land Users

Developers

Business

Communities

Schools





# Measuring Success

- Around £25m flood schemes delivered
- Hundreds of properties better protected
- All priority sites dealt with
- Emergency response plans improved
- 2 new gully wagons and risk based approach
- Residents better informed
- Flood warden scheme in place



# Next 10 Years

- Continue work but on a smaller scale
- Improve understanding of drainage issues through studies and modelling
- Continue to seek external funding
- Review performance of schemes built to date
- Review and update Flooding Strategy in 2032



Thank you

Questions?



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