

# Langham Flow Monitor and Water Recycling Centre update



**18th November 2022**



# Agenda



- Flow Monitoring update
  - Findings to date
  - Next steps
- Wick Road Planning Response
- WRC Investment update

# Actions since last meeting

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Flow monitor data analysed

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Additional flow monitors installed

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Asset Surveys approved

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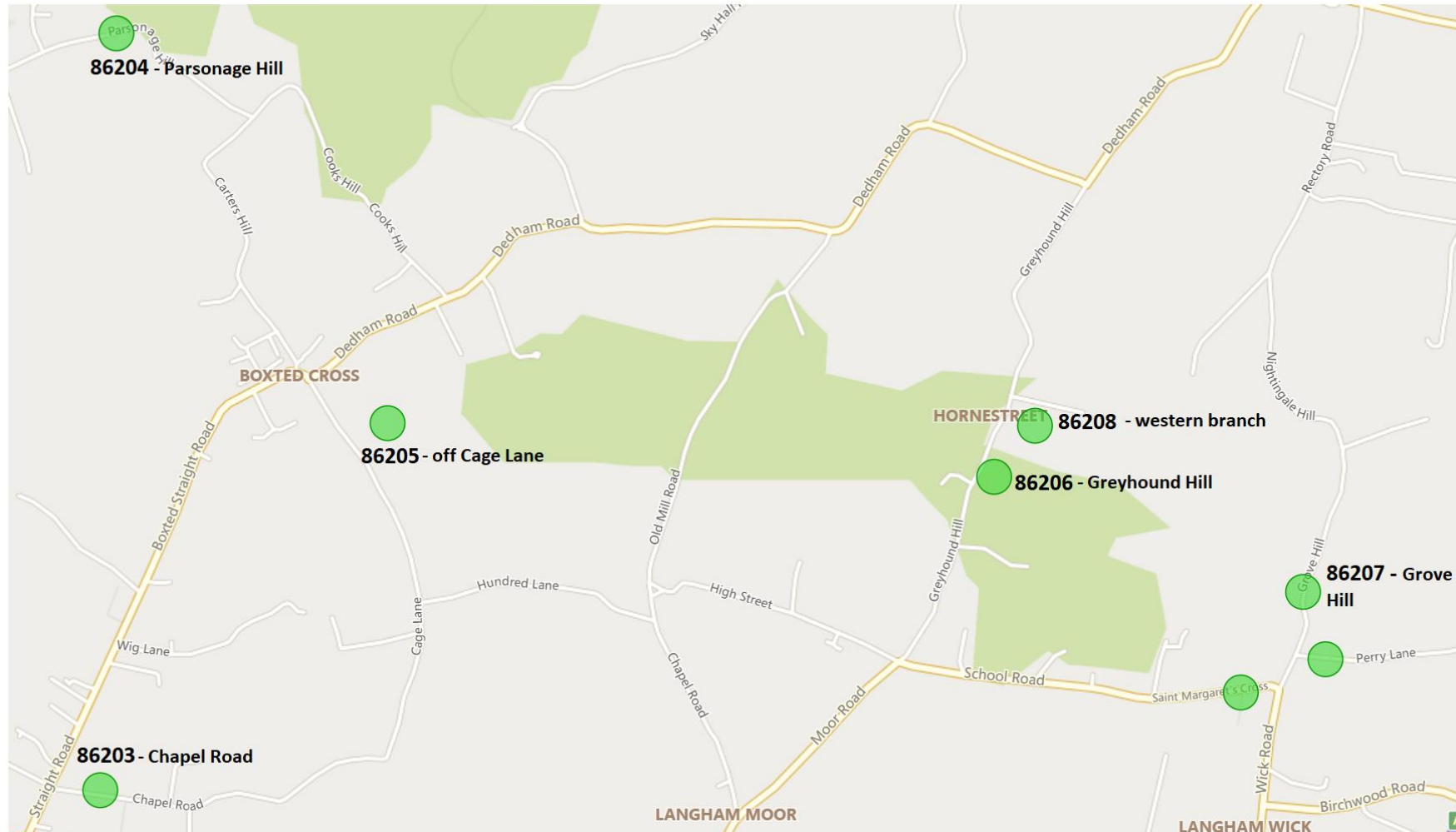
Langham WRC investment progressed to optioneering

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EA engagement meetings

# Flow Monitor Locations

Status ● Installed



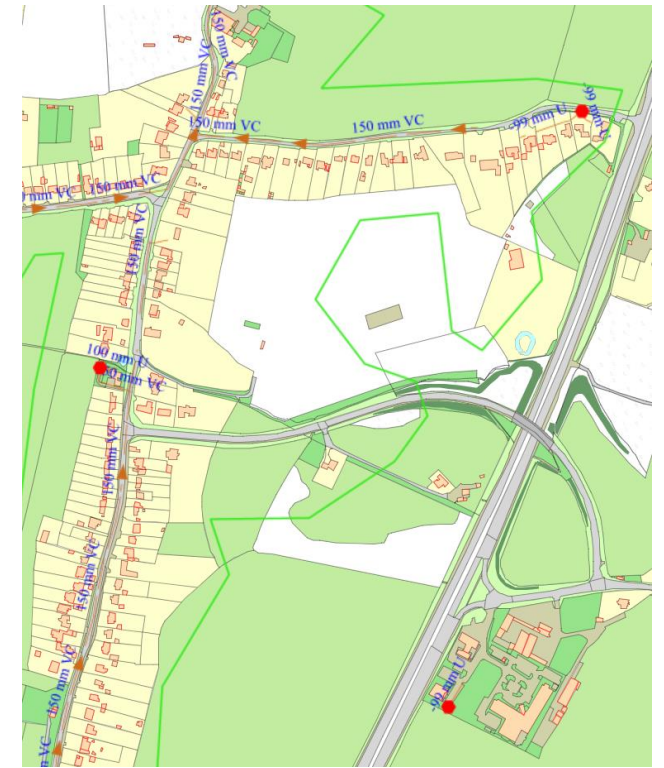
- Data recorded every 15 minutes
- Two further monitors installed upstream of Grove Hill - School Lane and Perry Lane. Installed August
- Flow Monitor data shared with Environment Agency

# Flow Monitor Conclusions

- Parsons Hill (86204) No evidence of excess flows
- 86203 & 86205 less significant potential for infiltration than in Langham
- 86203 potential high flows identified could be due to the online storage – asset surveys to be carried out
- Greyhound Hill (86206) little evidence of infiltration and therefore discounted as significant source of excess flow
- Grove Hill (86207) Area of most concern due to high flow. Asset surveys to be carried out and 2 additional monitors installed

# Next Steps

- Asset surveys to be completed beginning of 2023
  - three pumping stations to be surveyed
  - Chapel Road online storage survey
- Continue flow monitoring
  - We need more data from the two new flow monitors
- On completion of the surveys and further analysis of flow monitor data we will be able to draw some catchment conclusions and identify further actions
- AW and EA continued engagement – next meeting in January



# AW Commitment to Langham PC

- AW commitment to continued engagement
- Send copies of the flow monitor reports we share with the EA
- Notify when the asset surveys are being undertaken
- Notify when asset survey and flow monitor data has been analysed and conclusions drawn
- Update on WRC preferred option next spring

# Anglian Water response

## Wick Road PLN-0149698 & PLN-0151267

### Foul Network:

No drainage information submitted – informed assessment could not be undertaken, and condition recommended:

*“Prior to the construction above damp-proof course, a scheme for on-site foul water drainage works, including connection point and discharge rate, shall be submitted to and approved in writing by the Local Planning Authority. Prior to the occupation of any phase, the foul water drainage works relating to that phase must have been carried out in complete accordance with the approved scheme.”*

### Next Steps:

Once further information is provided, including connection point and discharge regime we will assess the impact of the additional flow on the local foul network.

### Surface Water

Proposed infiltration therefore not for AW to comment.

### Foul Sewage

Please state how foul sewage is to be disposed of:

- Mains sewer
- Septic tank
- Package treatment plant
- Cess pit
- Other
- Unknown

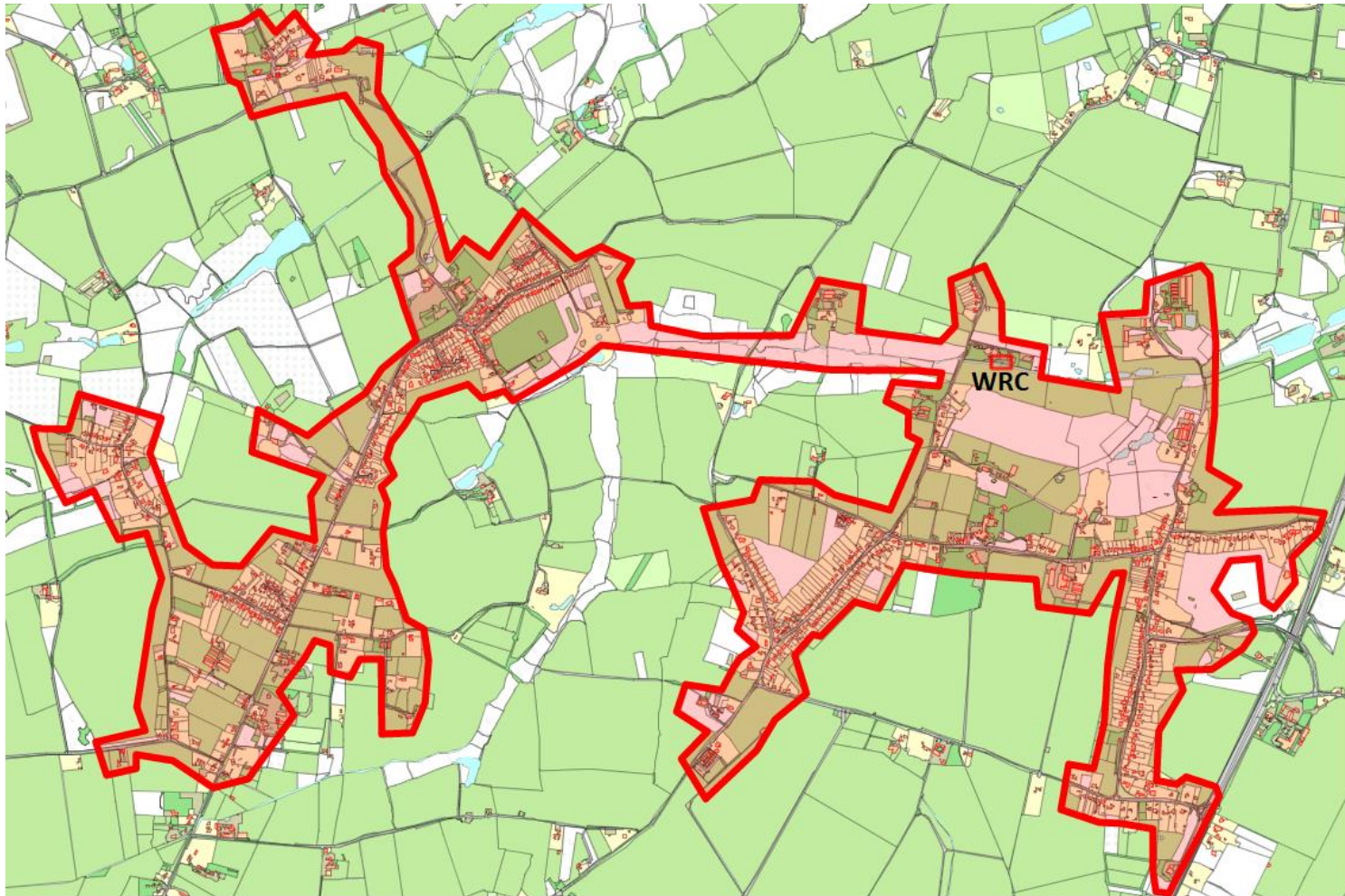
Are you proposing to connect to the existing drainage system?

- Yes
- No
- Unknown



# Langham WRC

## Investment Update



- Current DWF Consent 420m<sup>3</sup>/d
- Currently exceeding the permit
- Committed investment
- New permit – Pre-Application discussions ongoing with Environment Agency
- Currently at optioneering stage
- Increase DWF – this will address current exceedance and known growth
- Update April 2023 confirming preferred option

# Any questions



# Thank you for listening