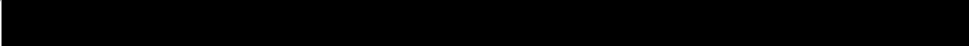


## **APPENDIX 3**

Thames Water email June 2012

-----Original Message-----

From:   
Sent: 19 June 2012 17:16  
To: Mead Kay  
Cc: Paine Martin  
Subject: Re: Hertford Settlement Evaluation - North

Kay,

I am assuming that this site is Bengo Meadows, along Wadesmill Road extending Bengo to the North.

The existing sewers in this area run along Rib Vale and then across the valley into the trunk sewer to the east of St Leonards Church. The sewer is reasonably steep through Rib Vale but it flattens out across the valley and this is where the capacity issue will first show itself as flooding.

I would guess that the existing network would take approx. 100 dwellings without upgrade. The length from the lower end of Rib Vale to the Trunk sewer (450m) would then need to be upgraded. After this a further 100 dwellings could then be accommodated. By this time the incapacity issue will then be in Rib Vale itself and this sewer would need upgrading (300m).

So, 100 dwellings without upgrade. 200 dwellings with 450m of sewer across the valley upgraded or 300 dwellings with 450m of sewer across the valley, plus 300m of sewer in Rib Vale upgraded.

Beyond 300 dwellings this site becomes very expensive to drain as any further upgrades would require new crossings under the River Lee.

The above assumes that there are no major environmental issues that would preclude us from upgrading the sewer across the valley East of the Church.

I hope this is ok

Regards

Richard

Richard Reeve (Embedded image moved to  
Asset Planner North file: pic07627.gif)  
Thames Water Utilities Ltd, Maple Lodge STW,  
Denham Way, Rickmansworth Herts WD3 9SQ



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