



Comhairle Cathrach na Gaillimhe
GALWAY CITY COUNCIL

Water Services Investment Programme

Assessment of Needs

September 2006



**Comhairle Cathrach na Gaillimhe
Galway City Council**

City Hall
College Road
Galway

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21st August 2006

Water

<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Menlo Extension/Augmentation	€3.75M	2008
Outer City Bypass Distributor Main	€7.85M	2008
New Rising Main from Clifton Hill Pumping Station to Tonabrocky Reservoir	€3.00M	2008

Drainage

<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Galway Main Drainage Stage 3	€61M	2010

Serviced Land Initiatives

<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Knocknacarra Main Drainage Stage 4	€5.3M	2007
Rahoon Catchment Extension	€10.75M	2008



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Project Outline

Water

<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Menlo Extension/Augmentation	€3.75M	2008

Extension of the City Network to Menlo Village by the replacement and enlargement of existing sub-standard watermain network

Objective:- To provide Menlo village with an appropriate and adequate water supply both in terms of meeting the current drinking water needs of existing development in the area and that needed to meet fire-fighting requirements.

<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Outer City Bypass Distributor Main	€7.85M	2008

Installation of a ring distribution main along the line of the proposed Outer City Bypass, as outlined in the Galway Transportation and Land Use Report, which would enable the Tuam Stage 3 extension (Tuam Interlink) to fully integrate with the City Distribution Network in the North and West suburbs of Galway City.

Objective:- To facilitate the distribution of water to new and developing suburbs within the area of the proposed Outer City Bypass



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<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
New Rising Main from Clifton Hill Pumping Station to Tonabrocky Reservoir	€3.00M	2008

The maximum pumping capacity of the existing rising main from Clifton Hill Pumping Station to Tonabrocky Reservoir is not adequate to service the needs of the Western suburbs of Galway City as well as the County Council requirements. A new rising main would, in conjunction with a new reservoir at Tonabrocky which is included in Galway County Council's Assessment of Needs programme, provide the necessary water infrastructure to service these ever-expanding areas.

Objective:- To provide the necessary water infrastructure which would satisfy the requirements of both existing and proposed developments.

Drainage

<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Galway Main Drainage Stage 3	€161M	2010

A sum of €28.3M has been provided in the Water Services Investment Programme 2005-2007 for funding the Galway Main Drainage Stage 3 project. The principal objective of the Brief is to undertake a Strategic Drainage Study for Galway City and adjacent areas of County Galway. The adjacent areas include Oranmore, Barna, Clarinbridge and Kilcolgan in particular. The Study will include an examination and assessment of existing foul, surface water and storm drainage infrastructure of the determined area and identification of future drainage and treatment needs with particular reference to areas being considered for re-zoning as development lands and long term strategic planning for the region.

Following consultation with the DEHLG, it was decided that the Preliminary Report for



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Galway Main Drainage – Stage 3 would be broken down into 5 separate Preliminary Reports as follows:-

<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Volume A – Overall Strategic Report		
Volume B – Mutton Island WWTW Upgrade	€ 7M	2008
Volume C – Network – Advance Works	€ 4M	2007
Volume D – Network – Upgrade & Extension	€ 40M	2009
Volume E – Galway East WWTW	€110M	2010

From the above, it is clear that the sum of €28.3M will not be sufficient to complete this scheme as the estimated total cost is €161M.

As required by Circular L2/06, this scheme does not need to be included as part of the present assessment of needs as it is already included as a scheme in the Water Services Investment Programme 2005 – 2007 to commence in 2007.

Serviced Land Initiatives

<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Knocknacarra Main Drainage Stage 4	€5.3M	2007

This scheme involves the extension of the Knocknacarra Main Drainage Scheme Stage 3 to service additional appropriately zoned lands at Clybaun and Ballymoneen.

Following the approval of this scheme for inclusion in the previous Assessment of Needs under L11/03, a new Development Plan for Galway City was approved which increased the amount of residentially zoned lands included in the SLI zone. Following the submission of the Engineering Report to Galway City Council for comment and subsequent issue to the DEHLG, the Consulting Engineer has determined that the estimated cost of providing the SLI scheme will be in the order of €5.3M which is a significant increase from the original projected cost of €1.9M

Objective:- To provide the necessary drainage infrastructure in the area to service on-going Development in these areas



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<u>Scheme</u>	<u>Estimated Cost</u>	<u>Completion Date</u>
Rahoon Catchment Extension	€10.75m	2008

Extension of the Knocknacarra Main Drainage Scheme Stage 3 to service additional appropriately zoned lands at Rahoon and Letteragh.

Objective:- To provide the necessary water and drainage infrastructure in the area to service on-going development in these areas.

It should be noted that there are a number of schemes in the 2005 – 2007 Water Services Investment Programme that will automatically included in the next Water Services Investment Programme namely:-

Galway City Water Supply Scheme
Galway Watermain Rehabilitation Project – Phase 2