

Tuam Town Water Distribution and Main Drainage Stage 2



Traffic Management Plan and Public Information Campaign

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Background

Tuam is a designated Hub Town under the National Spatial Strategy and is recognised as being rich in heritage and culture, with a strong community tradition.

Tuam gets its name from the Tumulus – a bronze age burial ground on which the town is built.

This project aims to improve the quality of life amongst its residents and attract further investment for future sustainable development, through the upgrading of essential core services.

Scope of the Project

The €28 M project will be one of the largest water infrastructural projects to be undertaken in Ireland in 2010. The works will consist of the:

Construction of:

- 32 km of water main
- 9 km of surface water sewers
- 7 km of combined sewers
- Construction of 5,250 m³ capacity reservoir
- Construction of 1,200 m³ storm water holding tank
- Installation of Broadband (10 Km), Gas Mains (10 km), ESB (1 km) and Eircom (1 km).

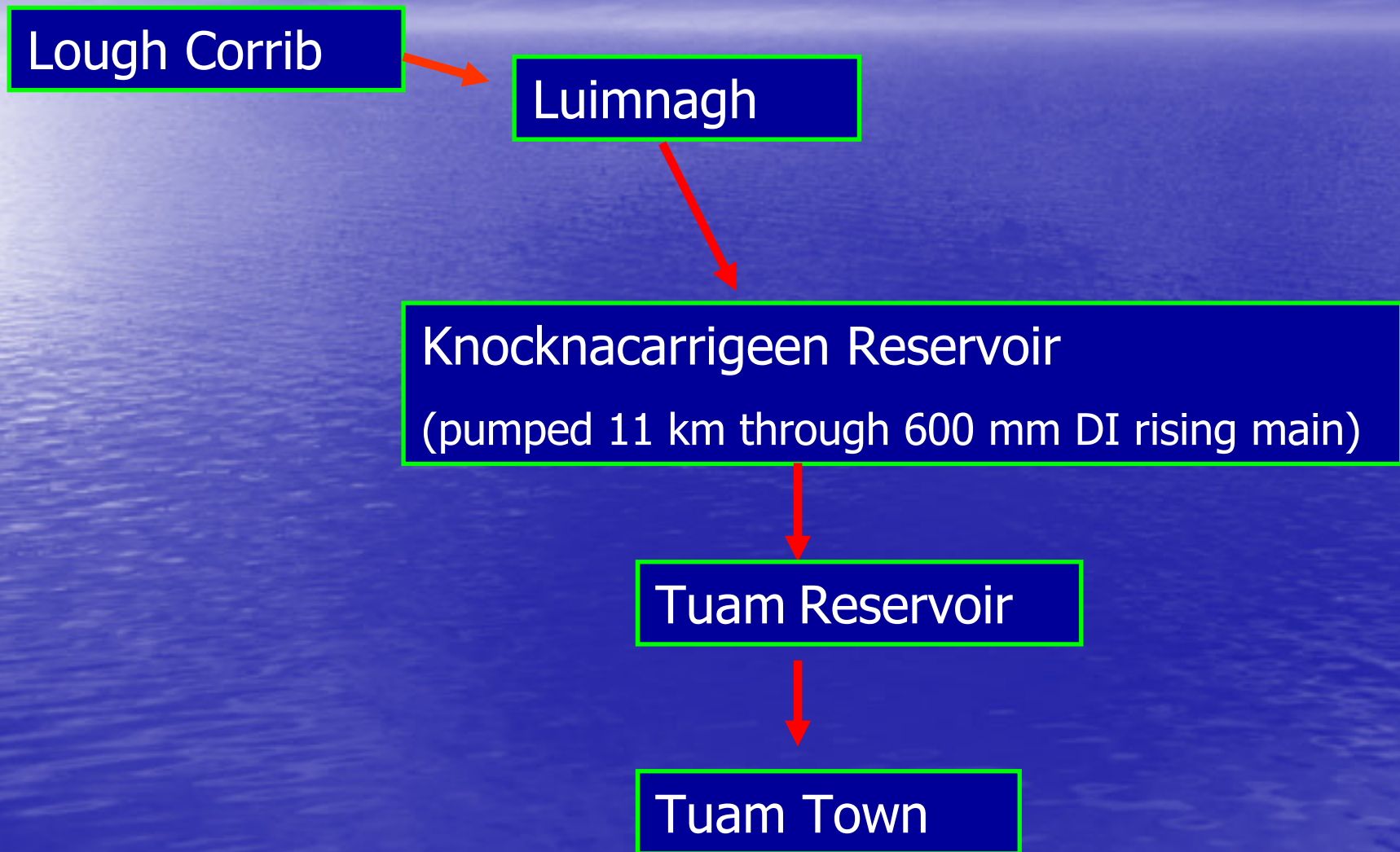
Water our Heritage

- Water is not a “*commercial product like any other, but rather a heritage which must be protected, defended and treated as such*”.
(Water Framework Directive 2000 /60/EC).
- Water is a priceless resource that must be protected and conserved.
- This project will benefit Tuam’s homes, businesses and schools by upgrading the water infrastructure and by facilitating future sustainable development.

Overview of the Tuam Regional Water Supply Scheme

- Tuam RWSS is the largest public water supply network in Co. Galway.
- The Scheme completed in a number of stages.
- Stage 1 completed in 1998.
- Last stage completed (Ext. to Headford) in 2007, giving current design capacity of 48,000 m³ / day at Luimnagh.
- Current Demand (Scheme) 40,000 m³ / day.
- Current Demand (Tuam town) 6,500 m³ /day.

Overview of the Tuam Regional Water Supply Scheme (cont'd)



The Treated Water

- High quality raw water for this project will continue to be extracted from Lough Corrib to the Luimnagh Water Treatment Plant, where the treatment process produces high quality potable water to the highest modern standards in accordance with national EU and legislation.
- The treatment process uses clarification followed by filtration, disinfection, pH correction and UV treatment.

Traffic Management Plan (TMP)



- The Contractor will be required to submit a detailed Traffic Management Plan (TMP) to Galway County Council for assessment and approval, prior to the commencement of the project works.
- **Definition:** A Traffic Management Plan is a framework for managing traffic flows, volumes and access and taking cognisance of the health & safety of the public and workers alike.
- The TMP may be altered if circumstances dictate.

Objectives of the TMP

The objectives are to facilitate:

1. Phased construction of proposed water and sewer infrastructure and ancillary services, which include:
 - Broadband
 - Bord Gais
 - ESB and Eircom.
2. The needs of local residents, local business, commercial groups and other stakeholders, including, but not limited to Emergency Services and Schools.
3. The needs of the Local Area Office with responsibility for roads and traffic.

Objectives of the TMP (continued)

The objectives are to facilitate:

4. All modes of transport, including public transport, pedestrians and cyclists.
4. Specific construction events such as rail and river crossings.
5. Events such as football matches, school events, church events, road races, markets and the lead up to the Christmas shopping period.
6. Unplanned events including accidents, emergencies and breakdown assistance.

Objectives of the TMP

(continued)

The objectives are to facilitate:

8. Both night work sections and normal day sections of the works (3650 metres of works along the N17 roadway).
9. Monitoring of the Traffic Managements Plan's effectiveness and making changes where required.

Public Information Campaign - Objectives

Due to the magnitude and complexity of the project a **Public Information Campaign** will be run in conjunction with the project works.



Public Information Campaign – Objectives are Threefold

1. To create awareness amongst residents and businesses of advantages of project:
 - Scope of the project to include the provision of core services. These services will attract further investment for future development in Tuam town.
2. To minimise disruption by informing residents and businesses of impact of works on daily life e.g. inconveniences arising from traffic diversions and construction works
3. Consensus building by providing relevant, accurate and timely information to public and standard protocols for alerting the Emergency Services.

Public Information Campaign -Methodology

Who?

- Elected Representatives
- Local residents
- Emergency services
- Businesses
- Schools

When?

- In a timely & effective manner
- In advance of and during the works

How?

- A. Local media
 - i. Newspapers adverts
 - ii. Newsletters
 - iii. Radio adverts
- B. GCC website
- C. Leaflet drops
- D. 24 hr telephone line
- E. Meetings (next slide)

Communication of Queries and Complaints

- There will be a Complaints Procedure established for receiving and dealing with complaints arising out of the project works.
- The Resident Engineering team will have a member of staff dedicated to managing public liaison issues that may arise during the course of the works.
- The relevant telephone number of the project office will be circulated in advance of the works.

The Benefits

The project will:

- Provide a dedicated storage reservoir, strategically located on the north of the town to tap into the Industrial area.
- Improve essential core services in Tuam town.
- Reduce hydraulic loading and costs on the existing Tuam Sewerage TP by reducing infiltration into the foul sewer network and installing separate surface and foul sewer mains.

The Benefits

- Improved water conservation, pressure and leakage reduction and overall sustainability of its water resource.
- Ability to attract future development including major water users and IT industry.
- Minimising disruption to the public and business community alike through the integrated design approach adopted in the planning of this project.

Conclusion

The project will:

- Be one of the largest water infrastructural projects in Ireland to commence in 2010.
- Take approximately 2 years to complete.

Go raibh míle maith agaibh.