

# ***NORTH TIPPERARY COUNTY COUNCIL***

## ***WATER SERVICES***

### ***QUARTERLY REPORT***

***January, 2011***

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***“Working with the Community”***

# WATER SERVICES QUARTERLY REPORT

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# Water Services Investment Programme 2010-2012

| <b>1. CONTRACTS AT CONSTRUCTION</b>  |  |  |
|--|--|--|
| <b>SCHEME</b>  | <b>DESCRIPTION OF WORKS</b>  | <b>CURRENT POSITION</b>  |
| <b>WATER CONSERVATION (€4.458m) Stage I &amp; II</b><br><br><u>Consultants:</u><br>Ryan Hanly / Carl Bro | This Scheme involves the implementation of water management systems and active leakage control to address the issues relating to unaccounted-for water in the public water supply schemes. | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012</li> <li>▪ Almost complete</li> </ul> |
| <b>TEMPLEMORE SEWERAGE SCHEME DBO (€4.487m)</b><br><br><u>Consultants:</u><br>RPS Ltd.                   | This Scheme provides for a new Treatment Works by Public Private Partnership   | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012</li> <li>▪ Scheme complete</li> </ul> |

| <b>2. Contracts to Start</b>  |   |  |
|---|---|--|
| <b>WATER CONSERVATION (€3.50m) Stage III</b><br><br><u>Consultants:</u>   | This Scheme involves the rehabilitation of the critical infrastructure and network mains as identified in Rehabilitation Strategy.  | <ul style="list-style-type: none"> <li>• Included in the Department's Investment Programme 2010-2012</li> <li>• Consultants to be appointed</li> </ul> |
| <b>NEWPORT REGIONAL WATER SUPPLY SCHEME (€6.06m)</b><br><br><b>Consultants:</b><br><b>Nicholas O'Dwyer</b>                      | This Scheme will address the present Difficulties with regard to demand and Security of supply by increasing the output from the treatment works and providing extra storage at Birdhill and Ballina. | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012.</li> <li>▪ At Contract award stage</li> </ul>    |
| <b>THURLES REGIONAL WATER SUPPLY SCHEME PIPELINES Contract 1 (€12.0m)</b><br><br><b>Consultants:</b><br><b>Nicholas O'Dwyer</b> | A new Regional Water Scheme for Thurles Town and the region involving intake, treatment, storage and distribution   | <ul style="list-style-type: none"> <li>• Included in the Department's Investment Programme 2010-2012.</li> <li>• At Contract award stage</li> </ul>    |
| <b>THURLES REGIONAL WATER SUPPLY SCHEME Contract 2 (€16.0m)</b><br><br><b>Consultants:</b><br><b>Nicholas O'Dwyer</b>           | A new DBO Regional Water Treatment Works for Thurles  | <ul style="list-style-type: none"> <li>• Included in the Department's Investment Programme 2010-2012.</li> <li>• Pre-Qualification ongoing</li> </ul>  |

### 3. Schemes at Planning Stages

| <b>SCHEME</b>   | <b>DESCRIPTION OF WORKS</b>  | <b>CURRENT POSITION</b>  |
|---|--|--|
| <b>THURLES SEWERAGE SCHEME</b>  | The appointment of Consultants to prepare a Preliminary Report for the upgrade of the Town Sewerage Treatment Plant & Network          | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012.</li> <li>▪ Consultants to be appointed.</li> </ul>       |
| <b>NENAGH SEWERAGE SCHEME</b><br><i>Consultants:</i><br><i>Nicholas O'Dwyer</i>           | Consultants preparing a Preliminary Report for the upgrade of the Town sewerage Treatment Plant  | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012.</li> <li>▪ Preliminary Report being prepared.</li> </ul> |
| <b>NENAGH SEWERAGE SCHEME</b><br><i>Consultants:</i><br><i>Nicholas O'Dwyer</i>           | Consultants preparing a Preliminary Report for the upgrade of the Town Network   | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012.</li> <li>▪ Preliminary Report being prepared.</li> </ul> |
| <b>ROSCREA SEWERAGE SCHEME</b>  | The appointment of Consultants to prepare a Preliminary Report for the upgrade of the Town Network                                     | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012.</li> <li>▪ Consultants to be appointed.</li> </ul>       |
| <b>RURAL VILLAGES</b>   | The appointment of Consultants to prepare a Preliminary Report / Feasibility study on sewerage schemes for un-serviced Villages        | <ul style="list-style-type: none"> <li>• Included in the Department's Investment Programme 2010-2012</li> <li>• Consultants to be appointed</li> </ul>         |
| <b>NEWPORT SEWERAGE SCHEME TREATMENT &amp; NETWORK – UPGRADE</b>                          | The appointment of Consultants to prepare a Preliminary Report for the upgrade of the Town Treatment Plant & Network                   | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012.</li> <li>▪ Consultants to be appointed.</li> </ul>       |
| <b>BALLINA SEWERAGE SCHEME</b>  | The appointment of Consultants to prepare a Preliminary Report for the upgrade of the Town Network                                     | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012</li> <li>▪ Consultants to be appointed.</li> </ul>        |
| <b>BORRISOLEIGH SEWERAGE SCHEME</b><br><i>Consultants:</i><br><i>RPS Ltd</i>              | Consultants preparing a Preliminary Report for the upgrade of the Town sewerage Treatment Plant  | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012.</li> <li>▪ Design Review under consideration.</li> </ul> |
| <b>TEMPLEMORE SEWERAGE SCHEME</b><br><i>Consultants:</i>                                  | The appointment of Consultants to prepare a Preliminary Report for the upgrade of the Town Network                                     | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010-2012.</li> <li>▪ Consultants to be appointed.</li> </ul>       |
| <b>WATER CONSERVATION REHABILITATION STAGE III (further works)</b><br><i>Consultants:</i> | This Scheme involves the rehabilitation of the critical infrastructure and network mains as identified in the Rehabilitation Strategy. | <ul style="list-style-type: none"> <li>▪ Included in the Department's Investment Programme 2010 -2012.</li> <li>▪ Consultants to be appointed.</li> </ul>      |

# Water Services Investment Programme 2010-2012

## **SUMMARY OF MAJOR SCHEMES**

| <b>STAGE</b>                     | <b>SCHEME TITLE</b>              | <b>Est. Cost (€m)</b> |
|----------------------------------|----------------------------------|-----------------------|
| <b>Contracts at Construction</b> | Water Conservation Stage I & II  | 4.458                 |
|                                  | Templemore Sewerage Scheme - DBO | 4.487                 |
|                                  | <b>Total</b>                     | <b>8.945</b>          |

| <b>STAGE</b>              | <b>SCHEME TITLE</b>                         | <b>Est. Cost (€m)</b> |
|---------------------------|---|-----------------------|
| <b>Contracts to Start</b> | Water Conservation Stage III                | 3.5                   |
|                           | Newport Regional Water Supply Scheme        | 6.06                  |
|                           | Thurles RWSS Pipelines Contract 1           | 12.00                 |
|                           | Thurles RWSS DBO Treatment Plant Contract 2 | 16.00                 |
|                           | <b>Total</b>                                | <b>37.56</b>          |

| <b>STAGE</b>                      | <b>SCHEME TITLE</b>                          |
|-----------------------------------|--|
| <b>Schemes at Planning Stages</b> | Thurles Sewerage Scheme                      |
|                                   | Nenagh Sewerage Scheme                       |
|                                   | Roscrea Sewerage Scheme                      |
|                                   | Rural Villages Feasibility Study             |
|                                   | Water Conservation Stage III works (further) |
|                                   | Newport Sewerage Scheme                      |
|                                   | Ballina Sewerage Scheme                      |
|                                   | Borrisoleigh sewerage Scheme                 |
|                                   | Templemore Sewerage Scheme                   |
|                                   |  |

## SMALL SCHEMES PROGRAMME 2010

| <b><i>SOURCE OF FUNDING</i></b>                 |                                 |  |                         |
|---|---------------------------------|--|-------------------------|
| 1. Grant Allocation                             | € 500,000                       |  |                         |
| 2. Local Contribution by Council                | € 166,667                       |  |                         |
| 3. Extra Grant Allocation                       | € 275,000                       |  |                         |
| 4. Local Contribution by Council                | € 91,666                        |  |                         |
| <b>Total</b>                                    | <b>€ 1,033,333</b>              |  |                         |
| <b>Scheme Name<br/>(Estimated Cost)</b>         | <b>Expenditure<br/>for 2010</b> | <b>Description of Works</b>  | <b>Current Position</b> |
| Borrisoleigh Sewerage<br><b>Treatment plant</b> | 120,000                         | Provision of Interim treatment Plant                                 | Completed               |
| <b>Village Sewerage Schemes</b>                 | 50,000                          | CCTV Surveys of Collection systems                                   | Completed               |
| Horse & Jockey<br><b>Thurles</b>                | 30,000                          | Upgrade 0.3km of 150mm watermain                                     | Completed               |
| Springfort Cross<br><b>Nenagh RWSS</b>          | 30,000                          | Upgrade 0.3km of 150mm watermain                                     | Completed               |
| Quay Road<br><b>Terryglass</b>                  | 100,000                         | Upgrade 0.6km of 150mm watermain                                     | Completed               |
| Monastery Road<br><b>Roscrea</b>                | 50,000                          | Upgrade 0.5km of 100mm watermain                                     | Completed               |
| Ballycommon<br><b>Nenagh RWSS</b>               | 100,000                         | Upgrade 0.8km of 150mm watermain                                     | To Start                |
| Annagh<br><b>Lorrha/Rathcabbin WS</b>           | 10,000                          | Upgrade borehole at Annagh   | Completed               |
| <b>Village Sewerage Schemes</b>                 | 120,000                         | Upgrade sewers and storm separation<br>in village collection systems | Ongoing                 |
| Templemore Road<br><b>Roscrea RWSS</b>          | 56,667                          | Upgrade 0.5km of 150mm watermain                                     | Completed               |
| Whitefield<br><b>Templemore WS</b>              | 40,000                          | Upgrade 1km of 100mm watermain                                       | Completed               |
| Riverstown<br><b>Riverstown WS</b>              | 76,666                          | Upgrade borehole   | Completed               |
| Leugh Road<br><b>Thurles</b>                    | 250,000                         | Upgrade 2.4km of watermain   | Ongoing                 |
|   |                                 |  |                         |
| <b>Total</b>                                    | <b>1,033,333</b>                |  |                         |

## Appendix 1

# WATER SERVICES

## Major Capital Schemes - Description

### Introduction:

Capital works can be regarded as the works that receive major Exchequer and EU Cohesion Funding under various headings and through various channels. In accordance with Department of the Environment Heritage and Local Government Circular L6/09 the Water Services Section prepared an "Assessment of Needs" for the years 2010-2012 and thereafter. This document was approved by the County Council and has been presented to the Department of the Environment Heritage and Local Government (DEHLG). The Assessment of Needs identifies the major infrastructural deficits within the County and it is now the aim of the Water Services Section to address these deficits in as far as possible in conjunction with the DEHLG.

### Public Procurement:

To advance any Scheme the Local Authority must adhere to the public procurement procedures and the completion of a Scheme from its initial identification to its commissioning involves many stages. This has been highlighted by the fact that a Project Control System (PCS) developed by the WSNTG for the DEHLG is now in use by all Local Authorities to assist in managing Capital Schemes. In its simplest form there are five main stages involved in the procurement.

### STAGES:

#### 1. **Proposal Stage:**

This stage involves work by the Local Authority in identifying the problems, gathering data, examination of records etc and the preparation of a brief for the appointment of Consultants to prepare a Preliminary Report. This information is submitted to the DEHLG for approval.

#### 2. **Preliminary Report Stage:**

On appointment, the Consultants carry out a more detailed examination of the proposal, consider the various options available and present a Preliminary Report to the Local Authority setting out its recommendations, with basic designs and estimated costs. This Report is then submitted to the DEHLG for approval.

3. **Design Stage:**

Once the Preliminary Report is approved, Consultants (not necessarily the same Consultants) will design the Scheme. All major schemes require DEHLG approval to the design.

4. **Tender Stage:**

On completion of the Design Stage tenders are invited, received and recommendations submitted. A Contractor is then appointed. All major schemes require DEHLG approval to the tender. It is only at this stage that the Local Authority can determine the completion date.

5. **Construction Stage:**

Completion of the Project.

6. **Water Pricing:**

Water Pricing Policy applies to all Water Services Schemes which obliges the Council to contribute to marginal cost for non-domestic usage.

7. **Public Private Partnership:**

All Schemes now require a Public Private Partnership Assessment to evaluate the optimum procurement strategy (i.e. Traditional, DB, DBO). Where PPP is applicable, the Design and Tender Stages must take account of this process.

It should be noted that within each of these Stages there can be many other steps, such as, project review, planning, land acquisition or wayleaves, environmental impact assessments, archaeology, revisions etc. At no time does the completion of one stage assume the approval of the next, where approval is required.