

Longford Local Authorities



WATER SERVICES INVESTMENT PROGRAMME 2010 – 2012

Needs Assessment 2009 Report

October 2009

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1.0 INTRODUCTION

The current Water Services Investment Programme covers the period 2007 – 2009 and the Department has requested an updated needs assessment to assist and inform the development of a further Water Services Investment Programme (WSIP) 2010 – 2012.

The new programme must prioritise projects that target environmental compliance issues. It must support economic and employment growth as envisaged in *'Building Ireland's Smart Economy – A Framework for Sustainable Economic Revival'* and offer best value for money.

It also needs to take into account EPA Reports on drinking water and wastewater discharges, the 2008 Forfas Report – *Assessment of Water and Wastewater Services for Enterprise* – which recommended prioritisation of investment for key centres which are likely to require additional water and wastewater treatment capacity in the coming years – and the economic development in gateways and hubs (and in specific developing areas in these locations) in accordance with the National Spatial Strategy.

The Needs Assessment undertaken by Water Services Authorities will be a critical input to the development of the new programme.

2.0 OBJECTIVES

The main purpose of the assessment is to develop an overall strategic investment plan for the County for the medium term and to set out a programme of works to meet identified water services needs, which will then be reflected in the WSIP 2010 – 2012.

The high level goal of the Water Services Investment Programme is:

- To ensure that the timing and scale of water services investment facilitates economic and other development,
- To comply with statutory requirements for drinking water and wastewater treatment and the achievement of environmental sustainability objectives.

In preparing the assessment of needs, Longford County Council has, in particular taken into the account the following:

- Relevant National and E.U. environmental public health and drinking water quality statutory requirements and standards
- The Development Plan and strategic regional planning guidelines
- The relevant reports published by the EPA in relation to the quality of Drinking Water
- Annex 12 of the EU Commission's application to the European Court of Justice in respect of Ireland's implementation of the Drinking Water Directive (80/778/EEC)

3.0 AFFORDABILITY

Longford County Council took account of the implications of the Water Services Pricing Policy when undertaking the assessment of needs. Under the Water Services Pricing policy, services for future development, including new residential development are regarded as non-domestic and the associated marginal capital costs are not funded by the Department.

Longford County Council will be required to finance from their own funds the non-domestic element of schemes/contracts on the Water Services Investment Programme which might be up to 30%. Affordability was a factor in prioritising the contracts/schemes, and Longford County Council are satisfied the proposals for schemes/contracts in the prioritised list will represent good value for money.

4.0 CONSULTATION

As required by Circular L6/09, the assessment of needs was considered by the Members of the Longford County Council Corporate Policy Group as the Strategic Policy Committee is in the process of being set up.

The views and comments of the Members were taken into consideration before formal submission of the Longford County Assessment of Needs to the Department of the Environment Heritage & Local Government.

5.0 INFORMATION TO BE INCLUDED IN THE ASSESSMENT OF NEEDS

The following information is required for the Assessment of Needs:

- Review of existing schemes
- Justification for contracts included in Category 3 and 4 list
- Contracts currently at construction
- A prioritised list of contracts to be advanced to construction over the period 2010 – 2012
- A prioritised list of schemes for inclusion in the Programme at planning stage.
- Water conservation contracts in progress and those scheduled to construction over the next 2/3 years

6.0 REVIEW OF EXISTING SCHEMES

A key change in the approach to the Needs Assessment for the WSIP 2010 – 2012, is the requirement to review existing schemes which have not sufficiently advanced under earlier programmes to ensure that they:

- Have continuing relevance in light of the programme priorities
- Reflect an appropriate scale of works in light of these priorities and timescale for delivery
- Are appropriately phased
- Are affordable and offer value for money
- Are the most cost effective solution to addressing the problem

6.1 STRATEGIC OVERVIEW FOR WATER SUPPLY SCHEMES

There are 5 regional water supply schemes servicing County Longford. The schemes are Longford Central, Ballymahon RWSS, Granard RWSS, Lanesborough/Newtowncashel and Gowra RWSS as shown in Appendix 1. Below is brief overview of these schemes.

6.1.1 Longford Central Regional Water Supply Scheme – Brief Overview

This is the main scheme for Longford and is supplied by Lough Forbes Water Treatment Works (WTW). Lough Forbes Waterworks has a design capacity of 4,800m³/day but generally provides 6,800m³/day. Longford Central Regional Water Supply Scheme is in difficulty due to lack of treatment capacity and storage and is currently augmented by imports averaging

2,285m³/day from the Lough Gowna RWSS, Ballymahon RWSS and Lanesborough Scheme. Moneylagan well which is a secondary supply was commissioned in 2009 and currently supply approximately 500m³/day to the scheme.

Tobin Consulting Engineers were appointed by Longford County Council to undertake a Strategic Review for the water scheme in 2005. The Strategic Review report was approved by DEHLG in 2007. Approval was for the short term upgrade of Lough Forbes Water Treatment Works, new rising mains and new storage requirements at Prucklish reservoir as 24 hour a day pumping is often required to ensure adequate storage at this location.

In 2008, the EPA issued a Direction, under Regulation 10(4) of the European Communities (Drinking Water) (No. 2) Regulations 2007 (S.I. 278 of 2007), to Longford County Council, to prepare an action programme for the improvement of the quality of water in the Longford Central Regional Water Supply Scheme to ensure compliance with the iron and aluminium parametric values.

The Lough Forbes Water Treatment Works suffers from aluminium carryover due to the overloading of the DAF tanks and consistently results in treated water exceedances for that parameter. The iron parametric value has, on occasion, also been exceeded.

Longford County Council's priority is to improve the water quality on this scheme and ensure compliance with the iron and parametric values. In the short term Longford County Council are progressing with an advance works contract to ensure compliance.

Longford County Council will commence the process for a Water Abstraction Order for Lough Forbes in order to increase the throughput from the plant to meet the long term needs of the scheme.

6.1.2 Ballymahon Regional Water Supply Scheme – Brief Overview

The main supply for the scheme is from Abbeyshrule Water Treatment Works and supplies Ballymahon town, Abbeyshrule village, Legan and the surrounding areas. Keenagh well is a secondary supply and caters for Keenagh village. Abbeyshrule Water Treatment Works has a design capacity of 4,500m³/day and the current throughput from the plant is approximately 3,500m³/day. Keenagh source currently supplies approximately 550m³/day to Keenagh village and the surrounding rural area.

The Strategic Review Report prepared by Tobin Consulting Engineers in 2006 was approved by DEHLG in 2007. The report identified the vulnerability of Keenagh well to contamination as it consists of chlorination treatment only. Keenagh supply was listed in Annex 12 (L11/03) in respect of total and faecal coliform exceedances. The report also noted that Abbeyshrule Water Treatment Works is capable of supplying the scheme demand to 2026 on replacement of the existing high lift pumps and raw water pumps.

6.1.3 Granard Regional Water Supply Scheme – Brief Overview

The scheme is supplied from Lough Kinale Water Treatment Works and covers the rural areas in the east of the county including Granard Town, Abbeylara village and surrounding areas. Lough Kinale Water Treatment Works has a design capacity of 2,200m³/day and the current throughput is approximately 1,400m³/day.

Tobin Consulting Engineers carried out a Strategic Review of the scheme in 2006 and report was approved by DEHLG in 2007. The report identified that the existing rising main is an

infrastructural bottleneck and additional rising main capacity will be required. It also recommended the upgrade of the plant.

The EPA issued a Direction to Longford County Council to address the issue of aluminium exceedances on the Granard Regional water supply.

6.1.4 Lanesborough/Newtowncashel Water Supply – Brief Overview

The existing Lanesborough Scheme is currently supplied from ESB well and two wells located at Carrowroe/ Lisreevagh. The ESB well with chlorination treatment only is currently providing approximately 2,000m³/day to the existing Lanesborough Scheme. The two Lisreevagh wells with UV disinfection currently produce approximately 1,800m³/day and approximately 1,200m³/day is used to supply a deficit in the Longford Central Regional Water Supply Scheme. Newtowncashel is supplied from two artesian wells with chlorination treatment only and these wells currently provide approximately 400m³/day to the Newtowncashel scheme.

Lanesborough water supply is listed in the EPA remedial action list due to E.coli exceedances. Quality and quantity problems have been identified in the Newtowncashel supply. WYG Consulting Engineers have been re-engaged to finalise the Preliminary Report for Lanesborough Regional Water Supply Scheme as per DEHLG approval.

6.1.5 Gowna Regional Water Supply Scheme – Brief Overview

The scheme is supplied from Lough Gowna WTW which has a design capacity of 2,000m³/day and the average throughput is 1,800m³/day which covers the rural area to the west/south west of Lough Gowna. A strategic review for the scheme is required to be undertaken so that a comprehensive plan can be set out to and the scheme has been included in the Planning Stage of the Water Services Investment Programme 2010 – 2012.

6.2 STRATEGIC OVERVIEW FOR WATER CONSERVATION

A further key change in the approach to the 2009 Needs Assessment is the integration of water conservation more fully into the water services investment programme.

A preliminary report for Longford Water Conservation Project has been prepared by Grontmij Consulting Engineers and this outlines an integrated approach to water main rehabilitation involving a number of factors such as water quality, structural condition of the pipes and hydraulic performance and sets out proposals for the way forward for the water rehabilitation of the water network in the County. The Water Conservation Report identified that there is insufficient spare capacity available in the scheme to provide for the short-term projected growth in the Region.

Longford County Council have put in place water management (Stage 1) and leakage control (Stage 2) systems in place. Longford Water Conservation Stage 2 Phase 2 – active leakage control is currently in progress. Longford Water Conservation Stage 3 Phase 1 – Network Rehabilitation Contract has been tendered for and the Council is waiting for approval from the Department to appoint contractor. A submission for Stage 3 Phase 2 has been made and the Council is waiting for approval from the Department.

6.3 STRATEGIC OVERVIEW FOR SEWERAGE SCHEMES

6.3.1 Longford Town Sewerage Scheme – Brief Overview

The existing Wastewater Treatment Works (WWTW) is located at Cartons and was constructed during the early 1990's and has a treatment capacity of 20,000p.e. The WWTW and various sewer sections are near capacity as there has been a rapid development of the town over the last number of years and the significant storm water flows entering the collection system. The existing outfall from the WWTW discharges to the Camlin River.

Nicholas O'Dwyer Consulting Engineers prepared a Preliminary Report for Longford WWTW in 2005 and report was approved by the DEHLG in 2006. The approval provides for Stage 1 of the expansion of the existing WWTW to a 30,000p.e. and the construction of a new sludge hub centre in Longford Town. The approval was also to proceed with the production of a Preliminary Report for the network upgrade i.e. to assess the performance of the network.

The EPA has issued a Discharge Licence to the Council for Longford Town WWTW. In order to comply with the conditions of this licence, upgrade works at the plant are required. The Council is currently in the process of procuring consultants for this work in order to achieve the basic objectives of the Longford County Development Plan which include the upgrading of existing sewerage collection and treatment systems, to comply with appropriate E.U. Directives, to comply with EPA Discharge Licence and the accommodation of future demands based on growth and development trends.

6.3.2 Edgeworthstown Sewerage Scheme

The existing plant was constructed in 1996 and is located south of Edgeworthstown. The effluent quality from this plant discharges to the Black River and currently achieves the standards as required by the Urban Wastewater Treatment Regulations. However the plant is now operating close to its capacity and upgrade works will be required in the short to medium term in order to cater for the development of Edgeworthstown.

6.3.3 Ballymahon WWTW, Granard WWTW, Clondra WWTW, Abbeyshrule WWTW

The effluent quality from these treatment plants currently achieve the standards as required under the Urban Wastewater Treatment Regulations. The Council has applied for discharge licences for these plants and the EPA has not yet granted licences. No upgrade works on these plants is currently required but the EPA might grant licences with conditions that might necessitate upgrade works.

6.3.4 Drumlish, Newtownforbes, Ardagh, Aughnacliffe and Ballinalee (5 Villages) Sewerage Scheme

These villages have been bundled together for contract and operational purposes. The scheme is divided into three contracts. Contract 1 is the collection network for Ardagh, Aughnacliffe and Ballinalee and Contract 3 is the collection network for Drumlish and Newtownforbes. Construction has commenced on these two contracts.

Contract 2 is for the Treatment Plants for all the above schemes and will be procured through a design, build, operate process. The contract is at tender stage with construction programmed to commence in 2010.

6.3.5 Keenagh and Legan Sewerage Schemes

The existing wastewater treatment plants at Keenagh and Legan have performed poorly in recent years and need to be upgraded. The Department gave approval for Keenagh and Legan to replace Abbeyshrule and Ballinamuck on the Longford Grouped Towns and Villages Sewerage Scheme and procure consultants.

6.3.6 Longford Grouped Towns and Villages (12 Villages) Sewerage Scheme Feasibility Study

Nicholas O'Dwyer Consulting Engineers carried out a Feasibility Study for the proposed sewerage schemes for the following 12 villages: Abbeylara, Abbeyshrule, Ballinamuck, Barry, Enybegs, Killashee, Leggagh, Moydow, Moyne, Newtowncashel, Stonepark and Taghshinny. They also prepared a Water Pricing Policy Report and this was submitted to the Department in 2007. The Report was not approved by the Department as none of the villages appeared to be economic because the unit costs per existing house were considered high.

After further discussions with the Department at the Steering Group meetings, seven villages i.e. Abbeylara, Abbeyshrule, Ballinamuck, Barry, Enybegs, Killashee and Stonepark were identified to provide value for money. Abbeyshrule and Ballinamuck villages now have sewerage network. The DEHLG gave approval for Abbeyshrule and Ballinamuck to be replaced by Keenagh and Legan WWTW which have been performing poorly in recent years and required upgrading. (See table 3).

6.3.7 Lanesborough Sewerage Scheme

The existing wastewater treatment plant is performing poorly. The Scheme will involve constructing a pumping station and rising main to pump sewerage to a new treatment plant to be constructed in Ballyleague, Co. Roscommon. Construction has commenced on the network contract.

This Scheme is amalgamated with Roscommon 16 Villages Sewerage Scheme and Roscommon County Council is the Contracting Authority for this Scheme.

7.0 LIST OF PRIORITISED WORKS

In accordance with the circular, schemes/contracts have to be separated into four broad categories of need as follows:

Category 1: Water conservation proposals which meet environmental and economic goals

Category 2: Works required to respond to ECJ judgments

Category 3: Environmental/ Public Health Objectives (e.g. arising from compliance with Water Framework Directive requirements, Regulations and EPA Reports dealing with drinking water standards, wastewater treatment standards, authorisation of wastewater discharges, bathing water standards, etc.)

Category 4: Works to support sustainable development of hubs and gateways under the NSS, strategic developing areas and works to support employment creation.

In identifying schemes and contracts water services authorities were requested to adopt a risk based approach which identifies, in particular, public health, environmental and statutory compliance risk associated with investment requirements.

The contracts prioritised to meet Longford County water services needs and advance to construction over the period 2010 to 2012 are shown in Table 1 – Water Conservation: Assessment of Needs and Table 3 – Prioritised List of Contracts to Advance to Construction 2010 - 2012.

7.1 CATEGORY 1 LIST

Longford County Council will commence construction on the Stage 3 Phase 1 Network Rehabilitation Contract before the end of the year and Stage 3 Phase 2 Contract is programmed to start over the period 2010 – 2012 as shown in Table 1 below.

TABLE 1: WATER CONSERVATION – ASSESSMENT OF NEEDS

Local Authority: Longford County Council

Water Conservation Allocation: €4,421,000

Balance of Allocation Available: €2,175,800

Estimated Additional Allocation Required to Fund Projects Included in Assessment: €21,007,900

PART 1 - Completed Contracts for which Grant Aid is required									
1	2	3	4		5	6	7	8	9
Contracts	TYPE – Stage 1,2 or 3	Scheme	Date Contract Completed		Contract Costs	Approved Grant	Balance of Grant Available	Additional Grant Funding Required	Total Grant Requirements (7+8)
					€	€	€	€	€
PART 2 – Contracts in Progress									
1	2	3	4		5	6	7	8	9
Contracts	TYPE – Stage 1,2 or 3	Scheme	Contract Dates		Contract Costs	Approved Grant	Balance of Grant Available	Additional Grant Funding Required	Total Grant Requirements (7+8)
			Start	Finish	€	€	€	€	€
Longford Water Conservation Stage 2 Phase 2- Active Leakage Control	2	Longford Water Conservation Project	2009	2010	750,000	375,000	44,300	50,000	94,300
Longford Water Conservation Stage 3 Phase 1- Network Rehabilitation	3	Longford Water Conservation Project	2009	2011	1,844,000	1,660,000	1,660,000	0.00	1,660,000
Longford Water Conservation Stage 3 Phase 1- Network Rehabilitation	3	Non Contract Costs	2007	2011	1,000,000	719,000	471,500	252,900	724,400

TABLE 1: WATER CONSERVATION – ASSESSMENT OF NEEDS

PART 3 – Contracts to Start 2010 - 2012									
1	2	3	4		5	6	7	8	9
Contract	TYPE – Stage 1,2 or 3	Scheme	Contract Dates		Estimated Contract Costs	Approved Grant	Balance of Grant Available	Additional Grant Funding Required	Total Grant Requirements (7+8)
			Start	Finish	€	€	€	€	€
Longford Water Conservation Stage 3 Phase 2- Network Rehabilitation	3	Longford Water Conservation Project	2011	2012	6,000,000	NIL	NIL	NIL	NIL
Longford Water Conservation Stage 3 Phase 2- Network Rehabilitation	3	Non Contract Costs	2010	2012	1,400,000	NIL	NIL	NIL	NIL
Total: Stage 3 Phase 2					7,400,000				

PART 4 – Stage 3 Schemes in Planning					
1	2		3	4	5
Scheme	Scheme Dates		Estimated Scheme Costs	Approved Grant	Balance of Grant Available
	Start	Finish	€	€	€
Longford Water Conservation Project Stage 3 Phase 3 – Network Rehabilitation	2012	2014	7,800,000	NIL	NIL
Longford Water Conservation Project Stage 3 Phase 4 – Network Rehabilitation	2013	2015	7,800,000	NIL	NIL

7.2 CATEGORY 2 LIST

7.2.1 Granard / Ballymahon RWSS – Contract 4: Network Contract:

Keenagh Scheme is supplied from a shallow well and this supply has been identified to be vulnerable to contamination. The contract will involve construction of a link from Ballymahon RWSS to the Keenagh Scheme and decommission Keenagh well supply as it's listed in Annex 12 (L11/03) and this source is not capable of producing water to Drinking Water standards on an ongoing basis and cannot be considered a secure supply.

This contract is listed in category 3 and 4. The DEHLG approved the approach of combining the two schemes contracts into a single contract as it will result in cost saving as contractors overheads and set up would be combined be merged into a single contract.

7.3 CATEGORY 3 LIST

The following is a prioritised list of contracts in Category 3 to be advanced to construction over the period 2010 to 2012:

7.3.1 Longford Central RWSS – Contract 4: Short Term Upgrade of Lough Forbes WTW

This water supply is on the EPA Remedial Action List due to aluminium exceedances in the treated water. There is aluminium carryover at Lough Forbes WTW and this is directly related to the overloading of DAF tank at the works. This contract will resolve the issues identified in the EPA Direction on the supply by addressing the issue of the aluminium exceedances in order to comply with the Drinking Water Regulations.

7.3.2 Granard / Ballymahon RWSS – Contract 3: Upgrade of Lough Kinale WTW/ Abbeyshrule WTW

Granard Water Supply is on the EPA Remedial Action List due to aluminium exceedances and this contract is a priority for Longford County Council to address the issue of the aluminium exceedances and comply with the Drinking Water Regulations.

The DEHLG approved the approach of combining the two schemes contracts into a single contract as it will result in cost saving as contractors overheads and set up would be combined when merged into a single contract.

7.1.3 5 Villages Sewerage Scheme – Contract 2: Design Build Operate Works Contract:

The existing wastewater treatment plants at Drumlish and Newtownforbes have performed poorly in recent years. The most recent EPA report entitled “Urban Waste Water Discharges in Ireland for Population Equivalents Greater Than 500 for the Years 2006 and 2007” show that samples taken and tested for BOD, COD and SS effluent concentration failed to meet effluent standards as required under the Urban Waste Water Treatment Regulations. The existing outfalls from these plants discharge to sensitive areas.

Under this contract, these plants are to be upgraded to comply with wastewater treatment standards and also comply with EPA authorisation of wastewater discharges in future. New treatment plants will also be provided at Ardagh, Ballinalee and Aughnaccliffe under this contract as there has been a rapid growth in these villages over a number of years. This contract is also listed in Category 4.

7.3.4 Granard / Ballymahon RWSS – Contract 4: Network Contract:

Keenagh Scheme is supplied from a shallow well and this supply has been identified to be vulnerable to contamination. The contract will involve construction of a link from Ballymahon RWSS to the Keenagh Scheme and decommission Keenagh well supply as it's listed in Annex 12 (L11/03) and this source is not capable of producing water to Drinking Water standards on an ongoing basis and cannot be considered a secure supply.

This contract is also listed in Category 4. The DEHLG approved the approach of combining the two schemes contracts into a single contract as it will result in cost saving as contractors overheads and set up would be combined when merged into a single contract.

7.3.5 Lanesborough Regional Water Supply Scheme: Contract 2: Pipelines and Treatment Works

Lanesborough is supplied from some wells with chlorination treatment only. The supply is on the EPA Remedial Action List due to failure to meet E.coli standard as reported in the Drinking Water report.

7.3.6 Lanesborough Sewerage Scheme: Collection Network Contract and DBO Contract

The existing treatment plant in Lanesborough is performing poorly and discharging directly into the River Shannon. In order to comply with Wastewater Treatment Regulations, a new treatment plant is to be constructed as part of Roscommon 16 Villages Sewerage Scheme and this will be located in Ballyleague, Co. Roscommon and Roscommon County Council is the Contracting Authority for this Scheme.

7.3.7 Longford Town Sewerage Scheme – Contract 1: Wastewater Treatment Works Upgrade/ Sludge Treatment Centre

The contract is included in order to comply with Urban Wastewater Treatment Regulations, the River Shannon Water Quality Management Plan, the EPA Wastewater Discharge Licence Conditions and the Water Framework Directive. The existing outfall discharges to Camlin River which is designated as a sensitive area as set out in the 2001 Regulations. The river upstream of the outfall is generally classified as unpolluted/ slightly polluted (Q4, Q3-4). However, the river downstream of the outfall is generally classified as moderately polluted/ slightly polluted (Q3, Q2-3).

The contract is also listed in Category 4.

7.4 CATEGORY 4 LIST

The following contracts in Category 4 will be advanced to construction over the period 2010 to 2012.

7.4.1 5 Villages Sewerage Scheme – Contract 2: Design Build Operate Works Contract

This contract will facilitate the development of Drumlish and Newtownforbes due to the upgrade of the treatment plants.

7.4.2 Granard / Ballymahon RWSS – Contract 4: Network Contract

This contract will provide additional rising main capacity to facilitate the development of Granard Town.

7.4.3 Longford Town Sewerage Scheme – Contract 1: Wastewater Treatment Works Upgrade/ Sludge Treatment Centre

The contract will facilitate the development of Longford Town due to the upgrade of treatment works.

7.4.4 Longford Central RWSS – Contract 3: Pipelines and Reservoirs

This contract will provide storage and security of supply to facilitate the development of Longford Town and environs.

7.4.5 Longford Central RWSS – Contract 6: Main Upgrade of Lough Forbes WTW

This contract will be required to meet medium to long term water supply needs for Longford Town and facilitate its development.

8.0 CONTRACTS AT CONSTRUCTION STAGE

Table 1 below outlines contracts that have been advanced to construction during the last three years under the current WSIP.

Scheme	Contracts	Type	Category	Estimated cost	Contract Dates	
					Start	Finish
Longford Central Regional Water Supply Scheme Stage	Stage 6 Contract (Reservoir and Pipelines)	W	3,4	€13,400,000	2008	2010
Drumlisk and Newtownforbes Sewerage Scheme	Network Contract	S	3,4	€1,400,000	2009	2009
Lanesborough Sewerage Scheme	Network Contract	S	3	€700,000	2009	2010
Ardagh, Ballinalee and Aughtnaclyffe Sewerage Scheme	Network Contract	S	3,4	€2,400,000	2009	2010

Table 1 – Contracts at Construction Stage

Type

W – Water

S – Sewerage

Category

1 - Water conservation proposals which meet environmental and economic goals

2 - Works required to respond to ECJ judgments

3 - Environmental/ Public Health Objectives

4 - Works to support sustainable development of hubs and gateways under the NSS, strategic developing areas and works to support employment creation.

9.0 Prioritised List of Contracts to Advance to Construction 2010 – 2012

The contracts listed in priority order to meet Longford County water services needs and advance to construction over the period 2010 to 2012 are shown in Table 2 below.

Priority	Scheme	Contracts	Type	Category	Estimated Cost	CONTRACT DATES	
						Start	Finish
1	Longford Central Regional Water Supply Scheme	Contract 4: Lough Forbes WTW Short Term Upgrade	W	3	€2,000,000	2010	2010
2	Granard / Ballymahon Regional Water Supply Schemes	Contract 3: Upgrade Water Treatment Works	W	3	€3,000,000	2010	2011
3	5 Villages Sewerage Scheme	Design Build Operate Works	S	3, 4	€6,000,000	2010	2011
4	Granard / Ballymahon Regional Water Supply Schemes	Contract 4: Network Contract	W	2,3,4	€4,000,000	2010	2011
5	Longford Central Regional Water Supply Scheme	Contract 3: Network and Reservoir	W	4	€7,000,000	2010	2011
6	Lanesborough Regional Water Supply Scheme	Contract 2: Pipelines and Treatment Works	W	3	€3,000,000	2010	2011
7	Lanesborough Sewerage Scheme	DBO Contract	S	3	€800,000	2010	2012
8	Longford Town Sewerage Scheme	Contract 1: Upgrade Longford Town WWTW/ Sludge Treatment Centre	S	3,4	€15,000,000	2012	2015
9	Longford Central Regional Water Supply Scheme	Contract 6: Lough Forbes WTW Main Upgrade	W	4	€4,000,000	2012	2014

Table 2 – Prioritised List of Contracts to Advance to Construction 2010 - 2012.

Type

W – Water

S – Sewerage

Category

1 - Water conservation proposals which meet environmental and economic goals

2 - Works required to respond to ECJ judgments

3 - Environmental/Public Health Objectives

4 - Works to support sustainable development of hubs and gateways under the NSS, strategic developing areas and works to support employment creation.

10.0 List of Schemes/ Contracts for Inclusion in the Programme at Planning Stage

Table 3 below outlines schemes that will be included in the Programme at Planning Stage.

Scheme	Contracts	Type	Category	Estimated Cost	Start	Finish
Longford Central Regional Water Supply Scheme Stage	Contract 6: Water Abstraction Order for Main Upgrade of Lough Forbes WTW	W	4	250,000	2010	2011
Longford Town Sewerage Scheme	Contract 2: Network Upgrade	S	3,4	6,500,000	2010	2015
Gowna Regional Water Supply Scheme – Strategic Review		W	3,4	3,000,000	2010	2015
Longford Sewerage Scheme – South Eastern Environs (New Sewers)		S	3	4,500,000	2010	2015
Edgeworthstown Sewerage Scheme		S	4	3,000,000	2010	2015
Seven Villages Sewerage Scheme:-Legan, Keenagh, Abbeylara, Barry, Enybegs, Killashee, Stonepark.		S	4	2,000,000	2010	2015

Table 3 - List of Schemes/Contracts for Inclusion in the Programme at Planning Stage

Type

W – Water

S – Sewerage

Category

1 - Water conservation proposals which meet environmental and economic goals

2 - Works required to respond to ECJ judgments

3 - Environmental/ Public Health Objectives (e.g. arising from compliance with Water Framework Directive requirements, Regulations and EPA Reports dealing with drinking water standards, wastewater treatment standards, authorisation of wastewater discharges, bathing water standards, etc.)

4 - Works to support sustainable development of hubs and gateways under the NSS, strategic developing areas and works to support employment creation.



